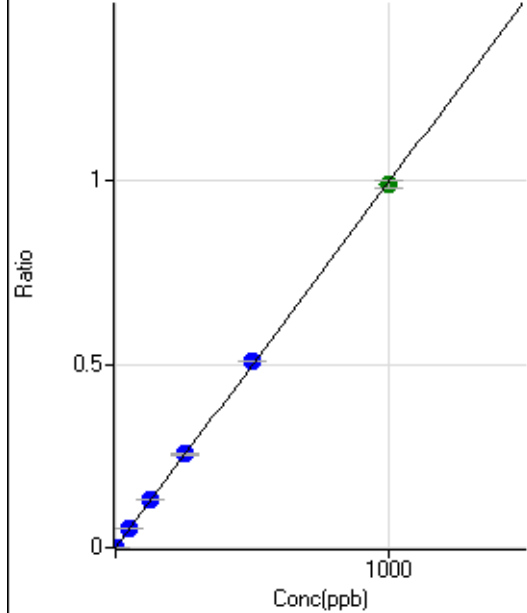


Batch Folder: D:\P8091517- MS .b\
Analysis File: P8091517- MS .batch.bin
DA Date-Time: 2017-09-18 13:49:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8091517- MS.D	S00	2017-09-15 13:40:57
2			
3	005CALS P8091517- MS.D	S02	2017-09-15 13:48:07
4	006CALS P8091517- MS.D	S03	2017-09-15 13:51:36
5	007CALS P8091517- MS.D	S04	2017-09-15 13:55:04
6	008CALS P8091517- MS.D	S05	2017-09-15 13:58:31
7	009CALS P8091517- MS.D	S06	2017-09-15 14:01:49
8	010CALS P8091517- MS.D	S07	2017-09-15 14:05:02
9	011CALS P8091517- MS.D	S08	2017-09-15 14:08:10

9 Be [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.41	0.0001	P	18.6
2	☐	0.100					
3	☐	1.000	0.976	1094.52	0.0011	P	4.4
4	☐	50.000	52.567	55552.01	0.0525	P	0.8
5	☐	125.000	130.377	140596.47	0.1300	P	1.2
6	☐	250.000	256.122	281010.08	0.2552	P	1.1
7	☐	500.000	508.604	564679.69	0.5067	P	0.2
8	☐	1000.000	993.367	1115062.90	0.9895	A	2.0
9	☐			548.17	0.0005	P	9.5

$$y = 9.9601\text{E-}004 * x + 1.0049\text{E-}004$$

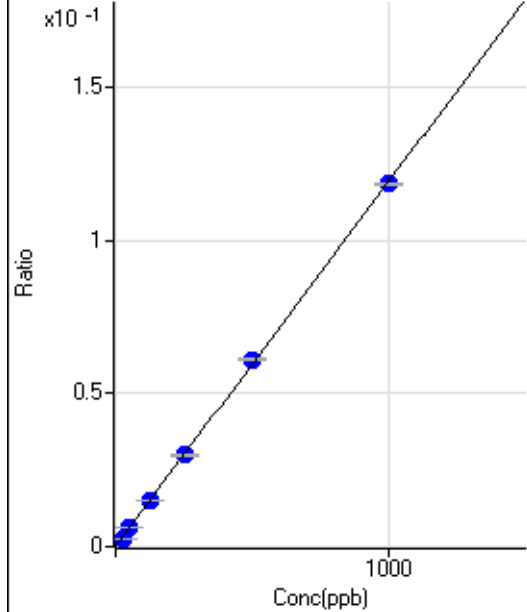
$$R = 0.9999$$

$$DL = 0.05623$$

$$BEC = 0.1009$$

Weight: <None>

Min Conc: 0

10 B [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0001	P	15.9
2	☐	2.500					
3	☐	25.000	21.855	2761.50	0.0027	P	8.6
4	☐	50.000	51.270	6587.88	0.0062	P	3.3
5	☐	125.000	125.829	16346.05	0.0151	P	1.7
6	☐	250.000	250.711	33030.56	0.0300	P	2.3
7	☐	500.000	510.994	68020.42	0.0610	P	1.0
8	☐	1000.000	994.237	133730.30	0.1187	P	0.7
9	☐			4512.04	0.0042	P	12.3

$$y = 1.1923\text{E-}004 * x + 1.0658\text{E-}004$$

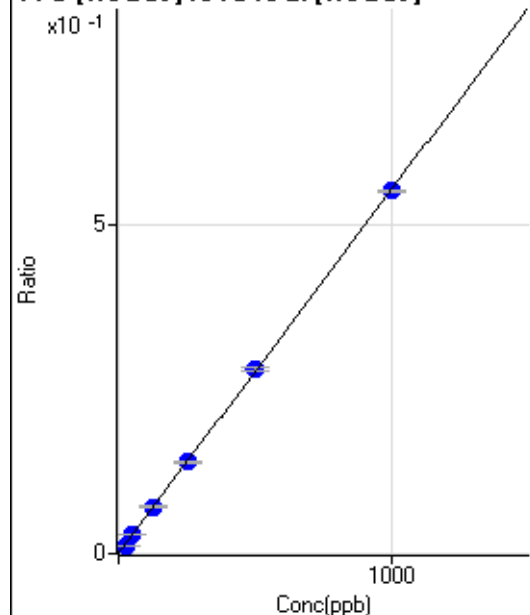
$$R = 0.9999$$

$$DL = 0.4267$$

$$BEC = 0.8939$$

Weight: <None>

Min Conc: 0

11 B [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	708.38	0.0007	P	14.1
2	☐	2.500					
3	☐	25.000	22.279	13212.19	0.0130	P	2.1
4	☐	50.000	49.369	29570.14	0.0279	P	1.2
5	☐	125.000	128.207	77305.40	0.0715	P	1.0
6	☐	250.000	250.163	152812.18	0.1388	P	3.2
7	☐	500.000	506.093	312174.38	0.2801	P	2.0
8	☐	1000.000	996.611	621075.39	0.5510	P	0.5
9	☐			20290.11	0.0188	P	9.2

$$y = 5.5217\text{E-}004 * x + 6.6409\text{E-}004$$

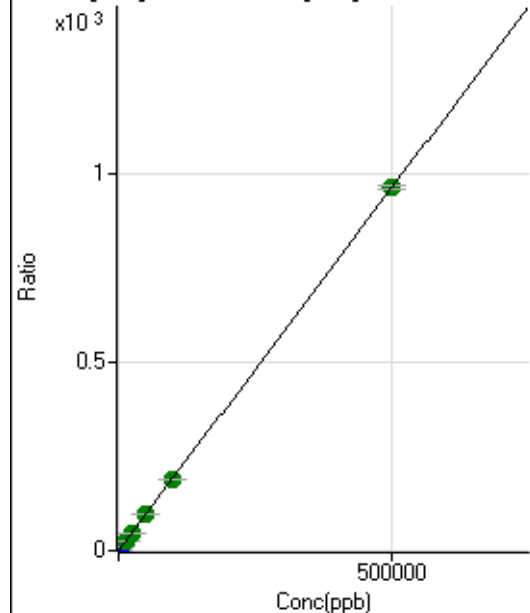
$$R = 1.0000$$

$$DL = 0.5088$$

$$BEC = 1.203$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6179.37	0.1411	P	7.6
2	☐	50.000					
3	☐	500.000	440.631	44882.92	0.9902	P	2.2
4	☐	5000.000	4881.007	436452.87	9.5478	P	1.5
5	☐	12500.000	12622.535	1133896.59	24.4675	A	2.1
6	☐	25000.000	24902.007	2233913.66	48.1327	A	1.6
7	☐	50000.000	49340.579	4374863.42	95.2313	A	1.2
8	☐	100000.00	98277.255	8220291.33	189.5431	A	1.3
9	☐	500000.00	500413.57	41148384.94	964.5490	A	1.0

$$y = 0.0019 * x + 0.1411$$

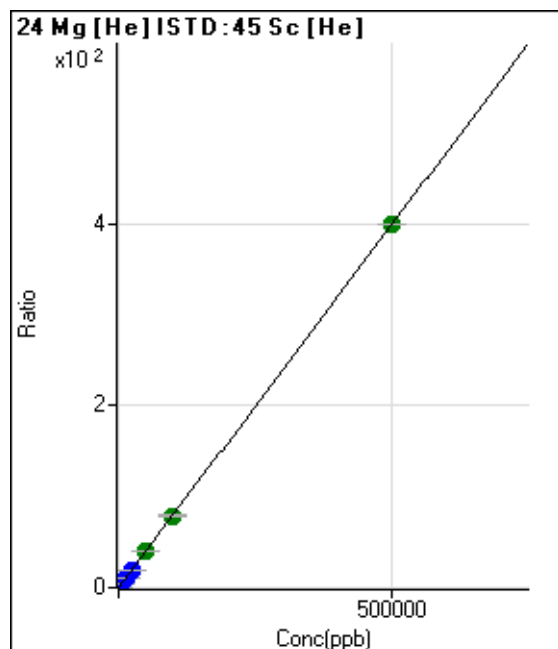
$$R = 1.0000$$

$$DL = 16.77$$

$$BEC = 73.19$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.02	0.0097	P	15.8
2	☐	50.000					
3	☐	500.000	426.703	15867.82	0.3501	P	2.7
4	☐	5000.000	4883.385	178539.93	3.9055	P	0.6
5	☐	12500.000	12158.911	449995.33	9.7097	P	0.8
6	☐	25000.000	24300.518	900235.99	19.3959	P	1.2
7	☐	50000.000	50351.788	1845808.92	40.1789	A	1.1
8	☐	100000.00	99197.126	3432726.90	79.1463	A	1.1
9	☐	500000.00	500170.13	17023596.73	399.0308	A	0.1

$$y = 7.9777\text{E-}004 * x + 0.0097$$

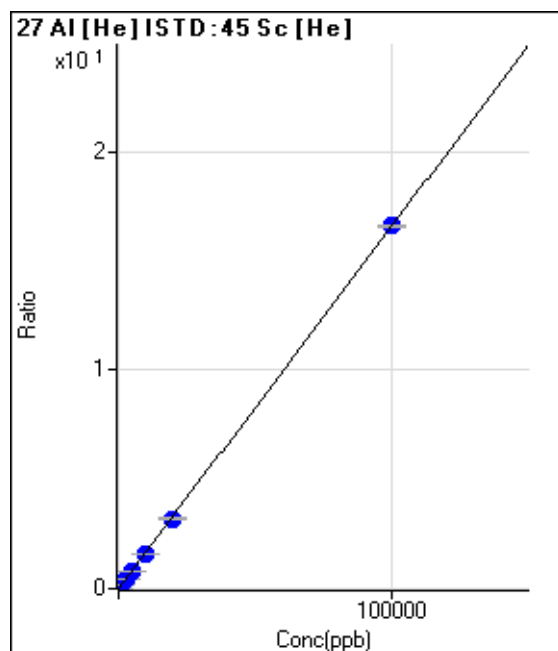
$$R = 1.0000$$

$$DL = 5.745$$

$$BEC = 12.16$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0006	P	44.2
2	☐	2.000					
3	☐	20.000	19.411	175.01	0.0039	P	23.6
4	☐	1000.000	987.923	7521.76	0.1645	P	3.1
5	☐	2500.000	2493.142	19191.48	0.4142	P	3.4
6	☐	5000.000	4767.327	36731.78	0.7914	P	1.1
7	☐	10000.000	9680.423	73792.02	1.6063	P	2.0
8	☐	20000.000	19341.933	139185.02	3.2089	P	0.7
9	☐	100000.00	100175.49	708891.60	16.6168	P	0.7

$$y = 1.6587\text{E-}004 * x + 6.3259\text{E-}004$$

$$R = 1.0000$$

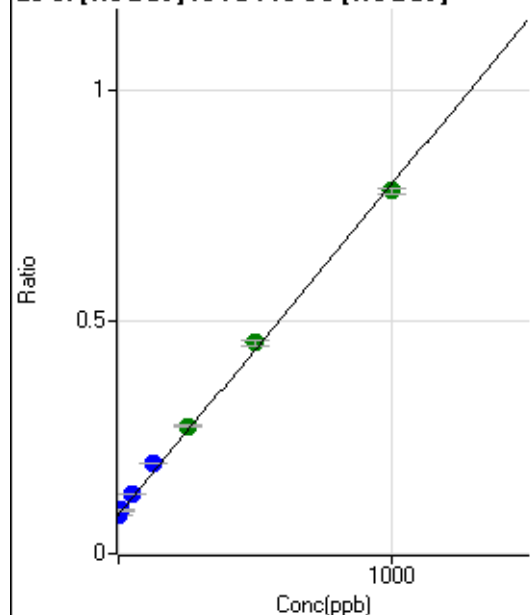
$$DL = 5.056$$

$$BEC = 3.814$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	337630.31	0.0844	P	0.9
2	☐	1.000					
3	☐	10.000	13.734	368337.03	0.0942	P	4.7
4	☐	50.000	63.165	519049.36	0.1294	P	1.4
5	☐	125.000	155.668	803487.13	0.1952	P	1.4
6	☐	250.000	267.895	1148728.08	0.2750	A	0.7
7	☐	500.000	521.229	1898235.63	0.4553	A	2.5
8	☐	1000.000	980.383	3175325.79	0.7819	A	1.3
9	☐			356845.83	0.0899	P	1.3

$$y = 7.1143\text{E-}004 * x + 0.0844$$

R = 0.9992

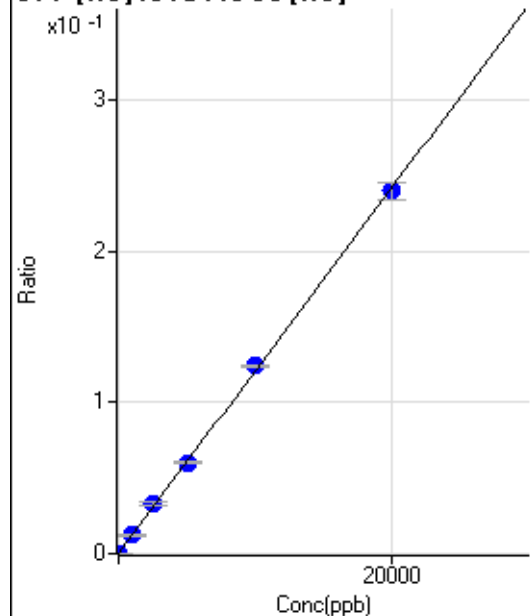
DL = 3.366

BEC = 118.7

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.081	8.33	0.0002	P	100.4
2	☐	0.000					
3	☐	0.000	-0.081	8.33	0.0002	P	99.4
4	☐	1000.000	1004.590	563.93	0.0123	P	4.3
5	☐	2500.000	2689.872	1516.82	0.0327	P	7.7
6	☐	5000.000	4967.246	2797.63	0.0603	P	1.7
7	☐	10000.000	10254.949	5707.01	0.1242	P	1.9
8	☐	20000.000	19856.751	10429.31	0.2403	P	4.6
9	☐			11.11	0.0003	P	44.1

$$y = 1.2094\text{E-}005 * x + 1.8280\text{E-}004$$

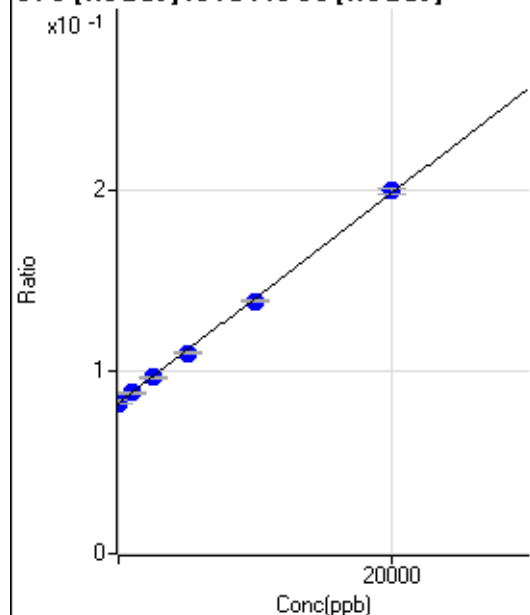
R = 0.9998

DL = 45.3

BEC = 15.11

Weight: <None>

Min Conc: 0

34 S [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-77.080	329533.65	0.0824	P	0.6
2	☐	0.000					
3	☐	0.000	77.080	325888.15	0.0833	P	2.0
4	☐	1000.000	952.535	354411.10	0.0883	P	1.6
5	☐	2500.000	2411.387	398239.94	0.0967	P	0.3
6	☐	5000.000	4757.735	460493.28	0.1102	P	1.2
7	☐	10000.000	9717.059	578838.07	0.1388	P	1.1
8	☐	20000.000	20215.487	809143.07	0.1993	P	1.7
9	☐			324725.71	0.0819	P	1.7

$$y = 5.7583E-006 * x + 0.0829$$

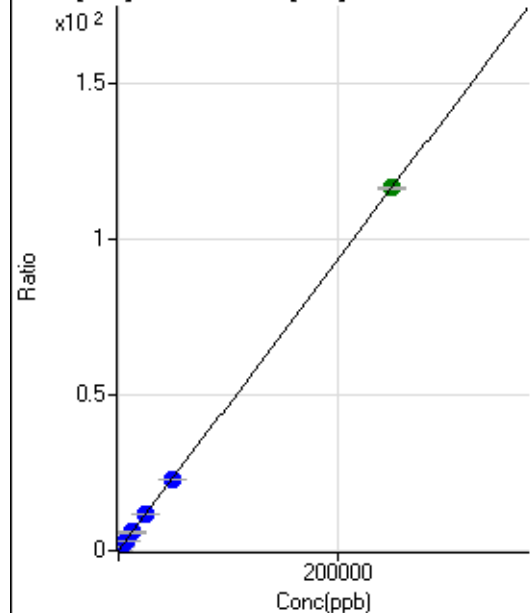
$$R = 0.9998$$

$$DL = 570.4$$

$$BEC = 1.439E+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3731.23	0.0851	P	5.2
2	☐	50.000					
3	☐	500.000	441.385	13173.34	0.2907	P	3.9
4	☐	2500.000	2554.240	58279.81	1.2749	P	1.2
5	☐	6250.000	6417.714	142464.38	3.0746	P	2.7
6	☐	12500.000	12504.176	274271.56	5.9098	P	2.0
7	☐	25000.000	24726.848	533064.70	11.6033	P	0.7
8	☐	50000.000	48723.976	988044.15	22.7816	P	1.2
9	☐	250000.00	250277.69	4977262.13	116.6690	A	0.7

$$y = 4.6582E-004 * x + 0.0851$$

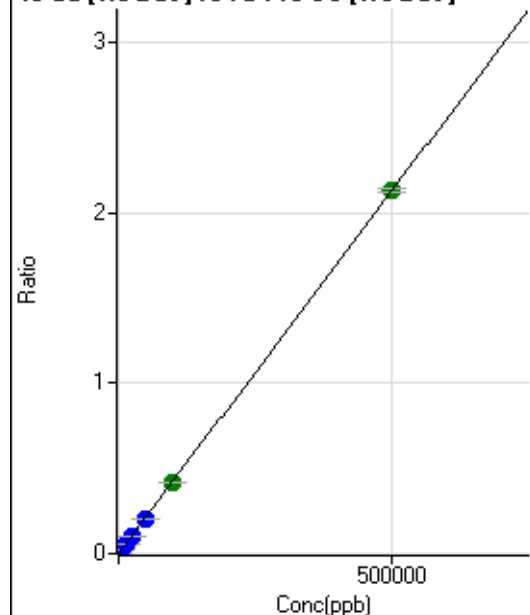
$$R = 1.0000$$

$$DL = 28.33$$

$$BEC = 182.7$$

Weight: <None>

Min Conc: 0

43 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1600.16	0.0004	P	9.8
2	☐	50.000					
3	☐	500.000	427.753	8683.59	0.0022	P	2.8
4	☐	5000.000	4941.655	85948.69	0.0214	P	1.5
5	☐	12500.000	12251.730	216201.75	0.0525	P	1.6
6	☐	25000.000	24220.032	432018.79	0.1034	P	0.6
7	☐	50000.000	48401.980	860276.78	0.2063	P	1.7
8	☐	100000.00	97837.995	1691884.76	0.4166	A	1.0
9	☐	500000.00	500638.06	8452479.70	2.1301	A	1.1

$$y = 4.2540E-006 * x + 4.0018E-004$$

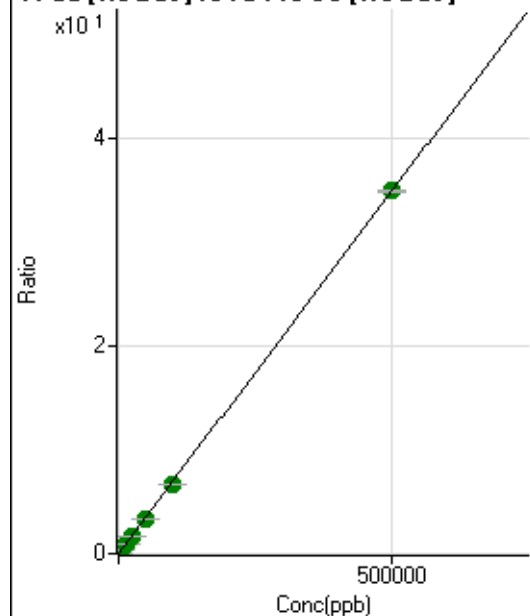
$$R = 1.0000$$

$$DL = 27.72$$

$$BEC = 94.07$$

Weight: <None>

Min Conc: 0

44 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21817.73	0.0055	P	0.3
2	☐	50.000					
3	☐	500.000	442.761	142249.66	0.0363	P	0.6
4	☐	5000.000	4958.521	1409792.01	0.3514	A	1.6
5	☐	12500.000	12350.316	3569487.93	0.8671	A	0.7
6	☐	25000.000	24142.926	7057995.04	1.6898	A	0.8
7	☐	50000.000	48368.633	14093297.36	3.3799	A	2.2
8	☐	100000.00	96231.553	27287502.35	6.7190	A	0.9
9	☐	500000.00	500963.89	138694854.4	34.9551	A	0.7

$$y = 6.9765E-005 * x + 0.0055$$

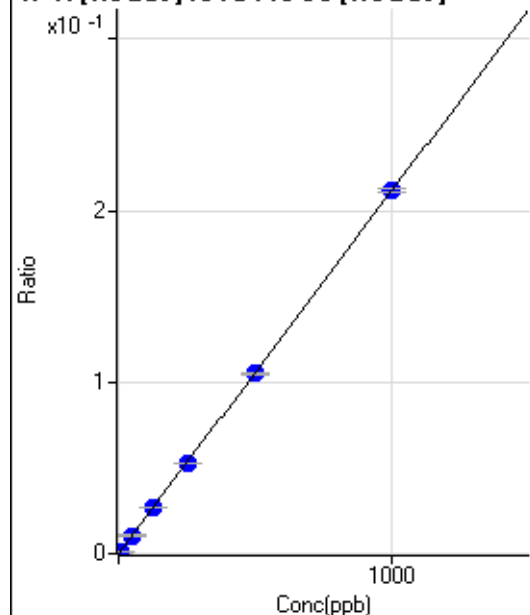
$$R = 1.0000$$

$$DL = 0.7333$$

$$BEC = 78.2$$

Weight: <None>

Min Conc: 0

47 Ti [NoGas] ISTD : 45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.34	0.0000	P	13.2
2	☐	0.500					
3	☐	5.000	4.337	3692.31	0.0009	P	2.1
4	☐	50.000	50.183	42649.31	0.0106	P	0.5
5	☐	125.000	126.634	110253.69	0.0268	P	0.5
6	☐	250.000	250.670	221330.68	0.0530	P	0.4
7	☐	500.000	497.414	438361.66	0.1051	P	1.4
8	☐	1000.000	1000.915	858907.84	0.2115	P	0.9
9	☐			588.93	0.0001	P	12.4

$$y = 2.1127\text{E-}004 * x + 2.7088\text{E-}005$$

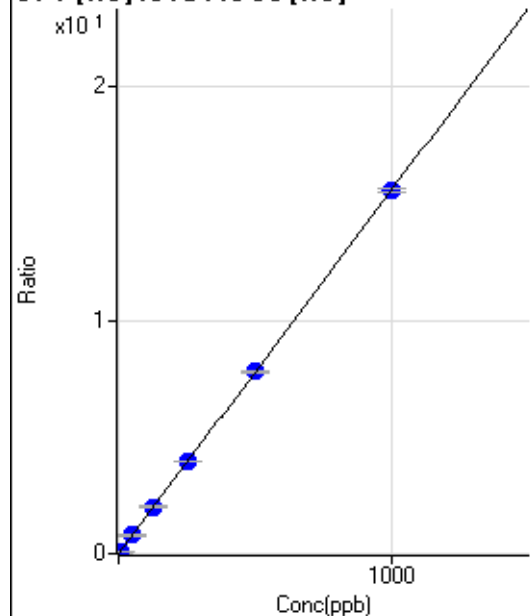
$$R = 1.0000$$

$$DL = 0.05069$$

$$BEC = 0.1282$$

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	17.78	0.0004	P	25.1
2	☐	0.500					
3	☐	5.000	4.511	3202.64	0.0707	P	3.9
4	☐	50.000	50.265	35815.92	0.7834	P	1.0
5	☐	125.000	128.963	93109.87	2.0093	P	2.1
6	☐	250.000	254.203	183797.23	3.9602	P	1.8
7	☐	500.000	500.725	358345.70	7.8004	P	1.2
8	☐	1000.000	998.080	674337.02	15.5479	P	1.0
9	☐			161.11	0.0038	P	5.8

$$y = 0.0156 * x + 4.0226\text{E-}004$$

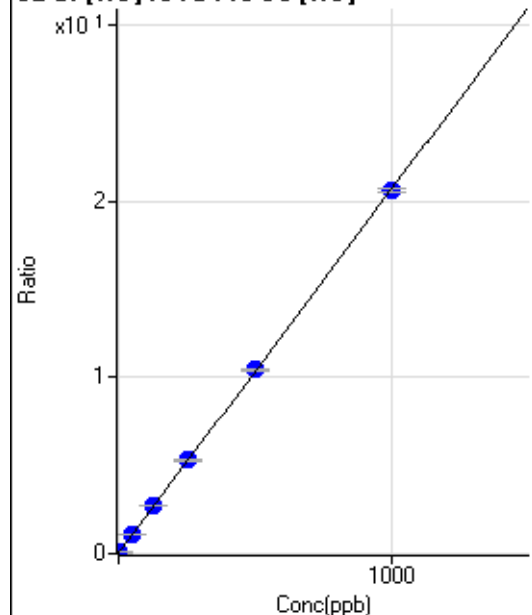
$$R = 1.0000$$

$$DL = 0.01943$$

$$BEC = 0.02582$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	875.60	0.0199	P	9.6
2	☐	0.200					
3	☐	2.000	1.868	2655.85	0.0586	P	3.0
4	☐	50.000	51.062	49191.79	1.0761	P	1.1
5	☐	125.000	129.348	124904.42	2.6953	P	1.4
6	☐	250.000	256.204	246863.01	5.3190	P	1.7
7	☐	500.000	504.499	480259.38	10.4545	P	1.7
8	☐	1000.000	995.603	893978.55	20.6121	P	0.9
9	☐			6887.35	0.1614	P	0.8

$$y = 0.0207 * x + 0.0199$$

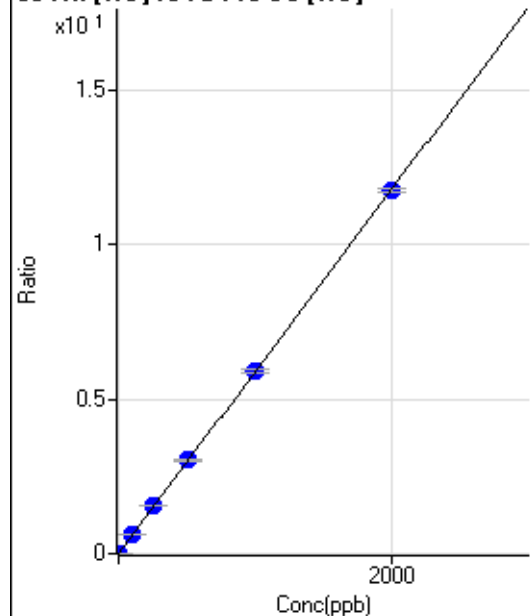
$$R = 1.0000$$

$$DL = 0.2775$$

$$BEC = 0.9638$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0013	P	8.3
2	☐	0.100					
3	☐	1.000	0.970	315.56	0.0070	P	12.0
4	☐	100.000	102.888	27748.84	0.6070	P	0.6
5	☐	250.000	260.603	71162.34	1.5355	P	0.9
6	☐	500.000	512.354	140045.60	3.0176	P	2.1
7	☐	1000.000	1005.371	271986.74	5.9202	P	1.5
8	☐	2000.000	1992.756	508881.08	11.7332	P	1.1
9	☐			1692.36	0.0397	P	5.3

$$y = 0.0059 * x + 0.0013$$

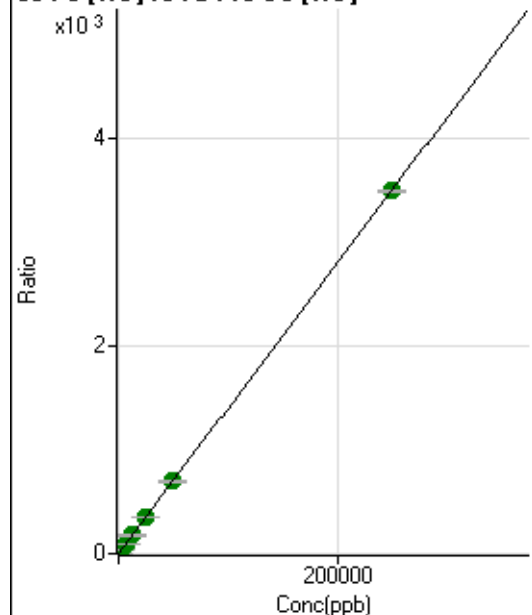
$$R = 1.0000$$

$$DL = 0.05342$$

$$BEC = 0.2141$$

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	2342.87	0.0535	P	10.3
2	☐	5.000					
3	☐	50.000	44.656	30680.57	0.6768	P	1.0
4	☐	2500.000	2600.034	1661381.51	36.3409	A	0.6
5	☐	6250.000	6497.761	4205035.65	90.7396	A	1.5
6	☐	12500.000	12602.973	8166413.09	175.9470	A	1.2
7	☐	25000.000	25019.899	16044712.16	349.2439	A	0.7
8	☐	50000.000	49945.372	30234666.88	697.1163	A	1.1
9	☐	250000.00	249996.59	148850366.2	3,489.132	A	0.7

$$y = 0.0140 * x + 0.0535$$

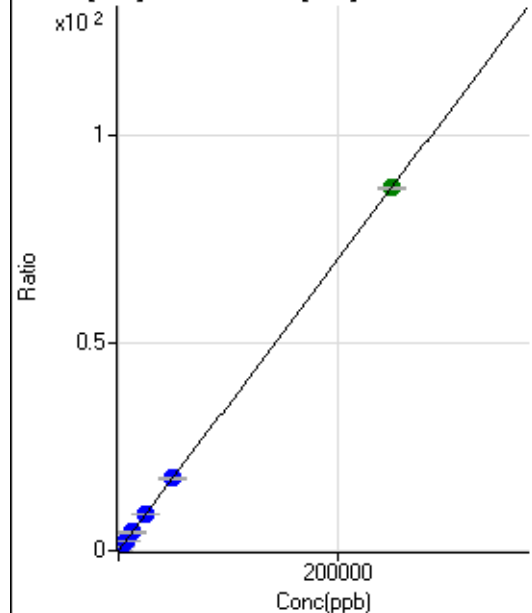
$$R = 1.0000$$

$$DL = 1.184$$

$$BEC = 3.836$$

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	72.23	0.0017	P	22.2
2	☐	5.000					
3	☐	50.000	39.306	698.19	0.0154	P	8.2
4	☐	2500.000	2570.721	41163.17	0.9004	P	1.2
5	☐	6250.000	6451.225	104596.91	2.2571	P	1.8
6	☐	12500.000	12648.396	205304.50	4.4238	P	2.1
7	☐	25000.000	24930.449	400513.72	8.7178	P	0.4
8	☐	50000.000	49821.188	755478.99	17.4201	P	1.6
9	☐	250000.00	250029.56	3729355.58	87.4170	A	0.7

$$y = 3.4962E-004 * x + 0.0017$$

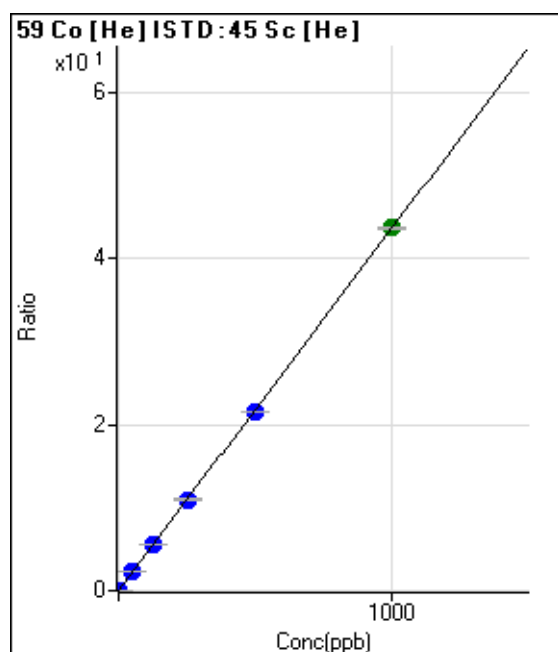
$$R = 1.0000$$

$$DL = 3.145$$

$$BEC = 4.722$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.67	0.0018	P	25.5
2	☐	0.100					
3	☐	1.000	0.940	1935.73	0.0427	P	6.2
4	☐	50.000	50.710	101103.19	2.2116	P	0.6
5	☐	125.000	127.559	257688.91	5.5606	P	1.4
6	☐	250.000	251.488	508701.87	10.9612	P	2.1
7	☐	500.000	493.980	989053.79	21.5286	P	0.6
8	☐	1000.000	1002.283	1894459.00	43.6797	A	0.7
9	☐			2273.56	0.0533	P	4.4

$$y = 0.0436 * x + 0.0018$$

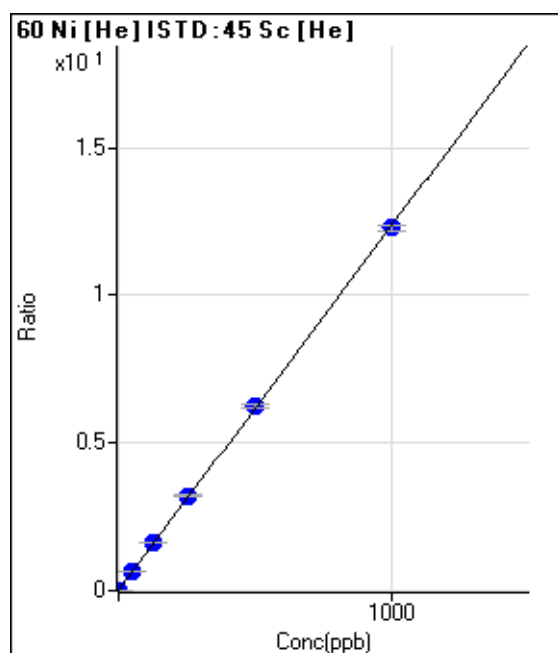
$$R = 1.0000$$

$$DL = 0.03095$$

$$BEC = 0.04045$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	355.57	0.0081	P	4.7
2	☐	0.100					
3	☐	1.000	0.991	921.16	0.0203	P	4.3
4	☐	50.000	52.313	29891.17	0.6539	P	1.4
5	☐	125.000	131.301	75485.47	1.6290	P	2.3
6	☐	250.000	258.530	148492.69	3.1997	P	2.3
7	☐	500.000	505.680	287159.26	6.2508	P	1.1
8	☐	1000.000	994.124	532609.95	12.2808	P	1.2
9	☐			1976.85	0.0463	P	3.3

$$y = 0.0123 * x + 0.0081$$

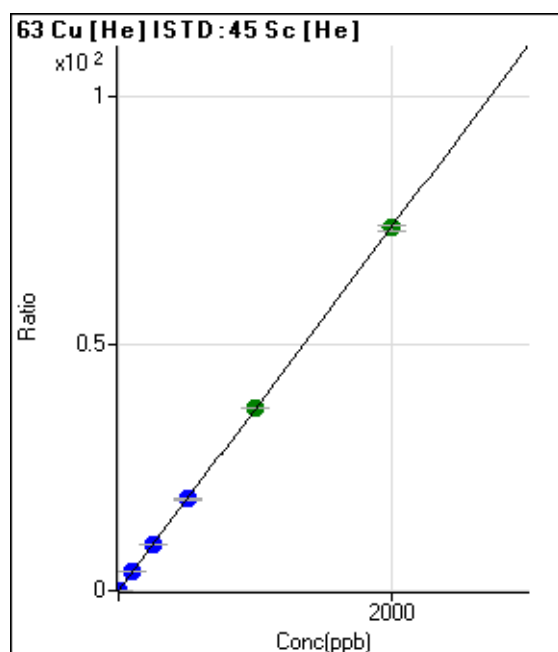
$$R = 0.9999$$

$$DL = 0.09282$$

$$BEC = 0.6543$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	293.34	0.0067	P	19.9
2	☐	0.200					
3	☐	2.000	2.106	3818.37	0.0842	P	3.2
4	☐	100.000	102.102	172106.94	3.7648	P	0.6
5	☐	250.000	255.419	435982.59	9.4079	P	1.4
6	☐	500.000	504.960	862880.54	18.5927	P	2.0
7	☐	1000.000	1004.008	1698040.77	36.9612	A	0.6
8	☐	2000.000	1995.974	3186293.84	73.4724	A	1.6
9	☐			4892.06	0.1147	P	5.0

$$y = 0.0368 * x + 0.0067$$

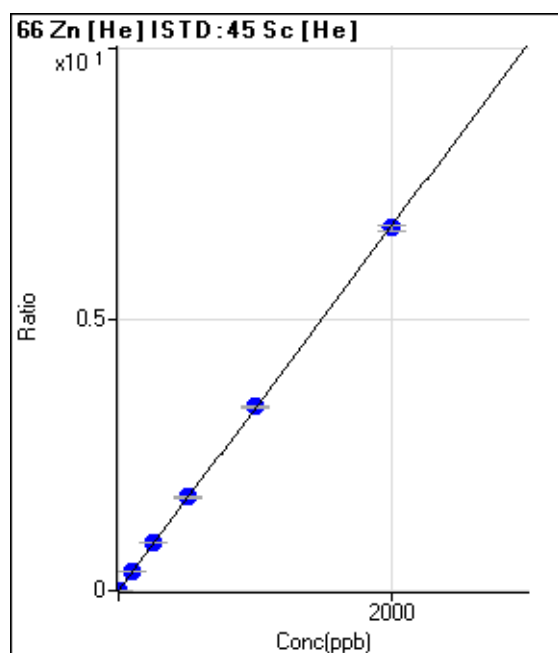
$$R = 1.0000$$

$$DL = 0.1087$$

$$BEC = 0.1821$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0011	P	37.8
2	☐	0.200					
3	☐	2.000	2.140	374.46	0.0083	P	12.2
4	☐	100.000	103.907	16008.28	0.3502	P	1.8
5	☐	250.000	261.881	40822.33	0.8810	P	2.6
6	☐	500.000	512.559	79975.42	1.7233	P	2.2
7	☐	1000.000	1010.502	156031.82	3.3963	P	0.8
8	☐	2000.000	1989.929	290020.37	6.6872	P	1.3
9	☐			1057.83	0.0248	P	6.8

$$y = 0.0034 * x + 0.0011$$

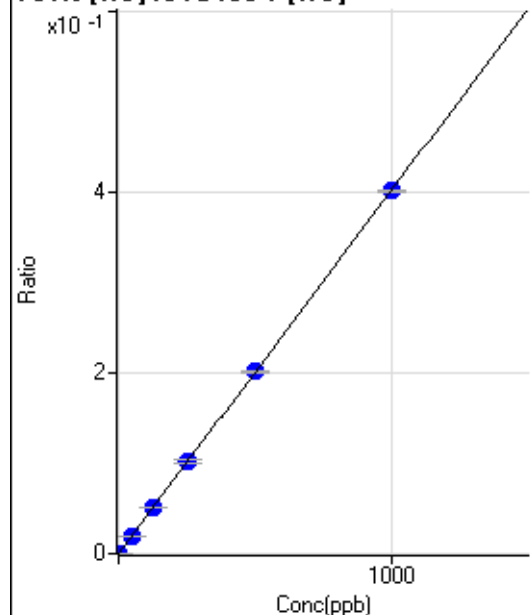
$$R = 0.9999$$

$$DL = 0.364$$

$$BEC = 0.3209$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.02	0.0000	P	95.8
2	☐	0.100					
3	☐	1.000	0.960	122.22	0.0004	P	6.7
4	☐	50.000	48.899	5904.40	0.0197	P	1.3
5	☐	125.000	126.594	15492.69	0.0509	P	1.6
6	☐	250.000	252.833	30628.42	0.1017	P	3.2
7	☐	500.000	501.651	59199.52	0.2017	P	1.0
8	☐	1000.000	998.322	110881.10	0.4015	P	0.8
9	☐			49.39	0.0002	P	22.1

$$y = 4.0211\text{E-}004 * x + 2.8636\text{E-}005$$

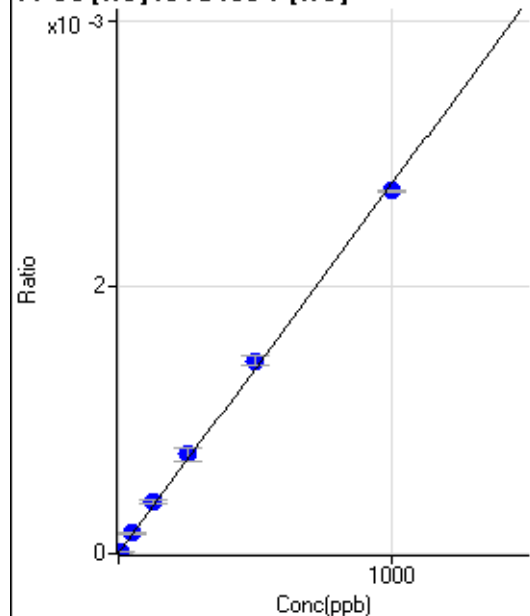
$$R = 1.0000$$

$$DL = 0.2047$$

$$BEC = 0.07121$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	3.958	4.44	0.0000	P	43.1
4	☐	50.000	53.350	45.56	0.0002	P	10.2
5	☐	125.000	139.705	118.89	0.0004	P	7.4
6	☐	250.000	268.541	225.56	0.0007	P	14.2
7	☐	500.000	522.350	425.57	0.0015	P	5.6
8	☐	1000.000	982.189	752.25	0.0027	P	0.5
9	☐			0.00	0.0000	P	

$$y = 2.7688\text{E-}006 * x + 4.0994\text{E-}006$$

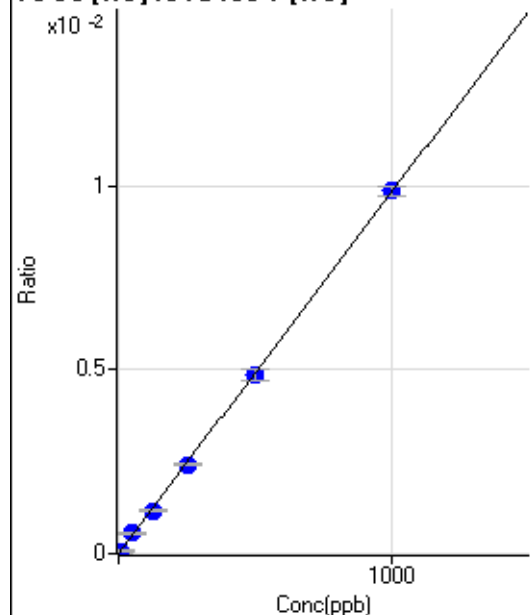
$$R = 0.9994$$

$$DL = 7.693$$

$$BEC = 1.481$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.85	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	6.603	20.99	0.0001	P	35.3
4	☐	50.000	56.130	167.29	0.0006	P	8.6
5	☐	125.000	118.645	356.18	0.0012	P	7.8
6	☐	250.000	246.388	730.89	0.0024	P	2.0
7	☐	500.000	494.351	1426.02	0.0049	P	7.2
8	☐	1000.000	1004.208	2724.99	0.0099	P	2.8
9	☐			4.94	0.0000	P	114.3

$$y = 9.8181\text{E-}006 * x + 6.2387\text{E-}006$$

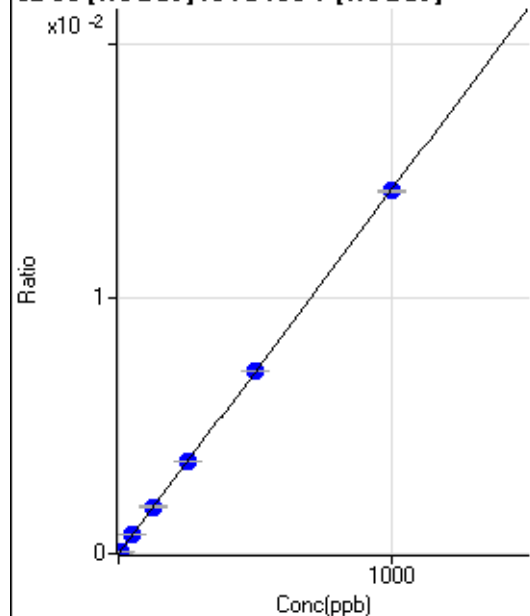
$$R = 0.9999$$

$$DL = 3.302$$

$$BEC = 0.6354$$

Weight: <None>

Min Conc: 0

82 Se [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-39.11	0.0000	P	-169.
2	☐	0.500					
3	☐	5.000	5.059	485.74	0.0001	P	9.1
4	☐	50.000	52.611	5529.21	0.0007	P	1.0
5	☐	125.000	129.353	14297.65	0.0018	P	1.4
6	☐	250.000	254.379	28464.23	0.0036	P	1.5
7	☐	500.000	501.339	56455.40	0.0071	P	0.4
8	☐	1000.000	997.561	109831.45	0.0142	P	0.6
9	☐			52.38	0.0000	P	81.5

$$y = 1.4256\text{E-}005 * x - 5.1887\text{E-}006$$

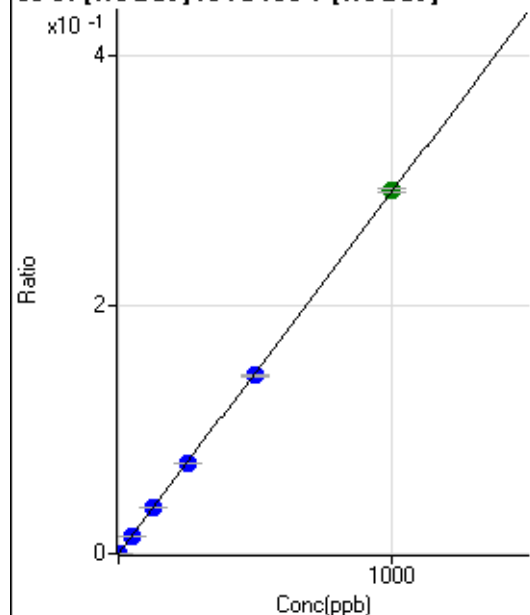
$$R = 1.0000$$

$$DL = 1.85$$

$$BEC = -0.364$$

Weight: <None>

Min Conc: 0

86 Sr [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	819.51	0.0001	P	3.2
2	☐	0.100					
3	☐	1.000	0.885	2658.71	0.0004	P	5.9
4	☐	50.000	50.036	108606.91	0.0146	P	0.6
5	☐	125.000	125.132	283204.58	0.0364	P	0.5
6	☐	250.000	248.278	567254.05	0.0722	P	0.9
7	☐	500.000	493.229	1132375.13	0.1433	P	0.8
8	☐	1000.000	1003.798	2251415.66	0.2914	A	1.1
9	☐			76930.86	0.0102	P	0.8

$$y = 2.9022\text{E-}004 * x + 1.0842\text{E-}004$$

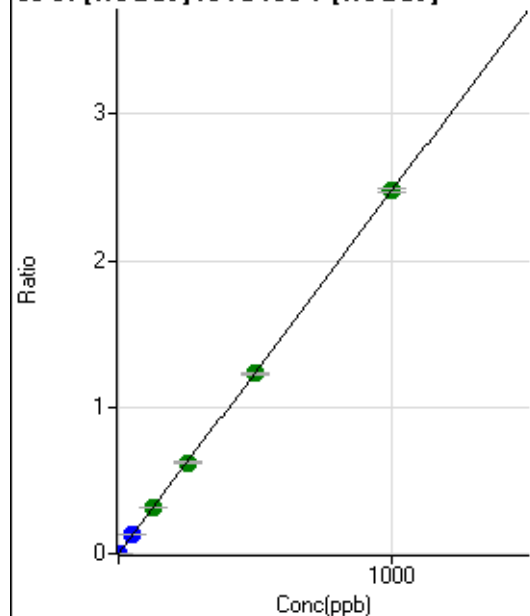
$$R = 1.0000$$

$$DL = 0.0364$$

$$BEC = 0.3736$$

Weight: <None>

Min Conc: 0

88 Sr [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.01	0.0000	P	22.7
2	☐	0.100					
3	☐	1.000	0.928	16816.63	0.0023	P	0.6
4	☐	50.000	51.620	948443.01	0.1278	P	1.3
5	☐	125.000	128.703	2476710.84	0.3185	A	0.4
6	☐	250.000	250.735	4877672.16	0.6205	A	1.3
7	☐	500.000	497.211	9727072.96	1.2305	A	0.9
8	☐	1000.000	1000.667	19132205.11	2.4765	A	0.9
9	☐			659946.83	0.0873	P	1.0

$$y = 0.0025 * x + 1.6529\text{E-}005$$

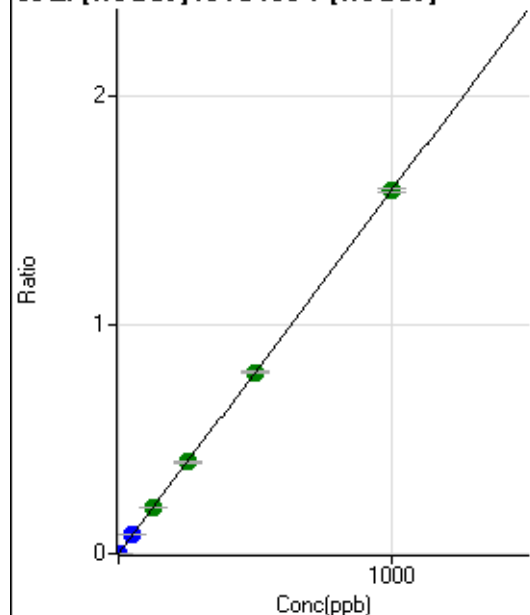
$$R = 1.0000$$

$$DL = 0.004557$$

$$BEC = 0.006679$$

Weight: <None>

Min Conc: 0

90 Zr [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	452.81	0.0001	P	24.9
2	☐	0.100					
3	☐	1.000	0.904	10879.84	0.0015	P	0.7
4	☐	50.000	50.739	598705.77	0.0807	P	1.5
5	☐	125.000	127.038	1569394.77	0.2019	A	1.4
6	☐	250.000	252.325	3151042.76	0.4009	A	0.9
7	☐	500.000	498.837	6264096.62	0.7924	A	0.9
8	☐	1000.000	999.709	12267998.80	1.5880	A	1.1
9	☐			3464.52	0.0005	P	2.9

$$y = 0.0016 * x + 5.9901E-005$$

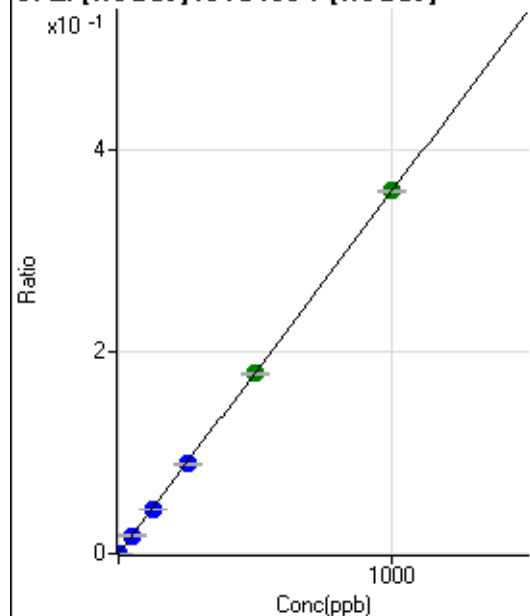
$$R = 1.0000$$

$$DL = 0.02814$$

$$BEC = 0.03771$$

Weight: <None>

Min Conc: 0

91 Zr [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	43.5
2	☐	0.100					
3	☐	1.000	0.867	2366.99	0.0003	P	10.2
4	☐	50.000	50.377	134259.27	0.0181	P	0.9
5	☐	125.000	123.882	345634.48	0.0445	P	0.4
6	☐	250.000	247.903	699131.54	0.0889	P	1.0
7	☐	500.000	496.944	1409276.21	0.1783	A	1.7
8	☐	1000.000	1002.174	2777577.27	0.3595	A	0.2
9	☐			800.06	0.0001	P	11.2

$$y = 3.5872E-004 * x + 1.4706E-005$$

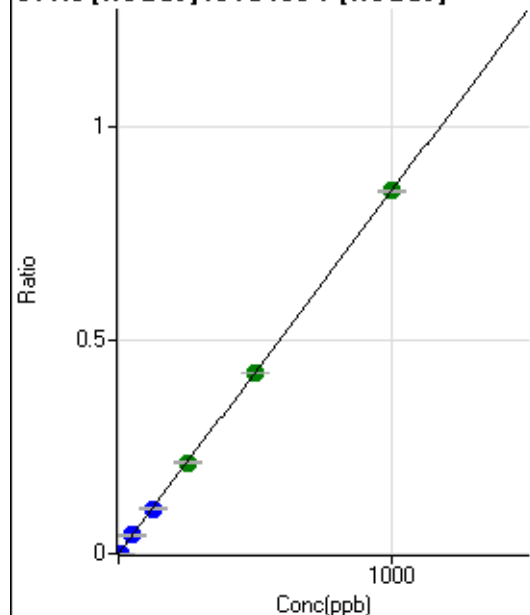
$$R = 1.0000$$

$$DL = 0.05344$$

$$BEC = 0.041$$

Weight: <None>

Min Conc: 0

94 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	200.01	0.0000	P	36.3
2	☐	0.500					
3	☐	5.000	2.001	12545.21	0.0017	P	1.6
4	☐	50.000	50.555	318861.93	0.0430	P	1.0
5	☐	125.000	124.248	820486.55	0.1055	P	0.7
6	☐	250.000	250.841	1674464.32	0.2130	A	1.2
7	☐	500.000	499.489	3352826.55	0.4242	A	0.3
8	☐	1000.000	1000.126	6561532.70	0.8493	A	0.4
9	☐			4031.35	0.0005	P	3.6

$$y = 8.4912\text{E-}004 * x + 2.6472\text{E-}005$$

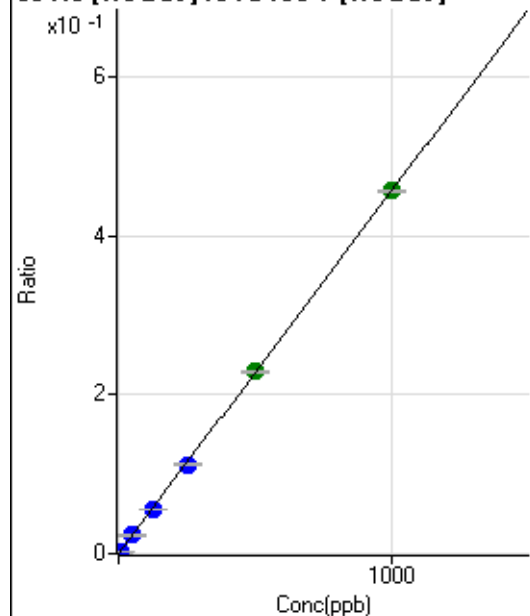
$$R = 1.0000$$

$$DL = 0.03394$$

$$BEC = 0.03118$$

Weight: <None>

Min Conc: 0

95 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.34	0.0000	P	65.8
2	☐	0.500					
3	☐	5.000	4.481	14925.37	0.0021	P	2.0
4	☐	50.000	50.526	171435.80	0.0231	P	2.5
5	☐	125.000	123.656	439463.25	0.0565	P	0.3
6	☐	250.000	245.908	883469.27	0.1124	P	1.2
7	☐	500.000	501.526	1811911.54	0.2292	A	1.4
8	☐	1000.000	1000.404	3532730.50	0.4572	A	0.6
9	☐			4359.23	0.0006	P	5.3

$$y = 4.5704\text{E-}004 * x + 4.4040\text{E-}006$$

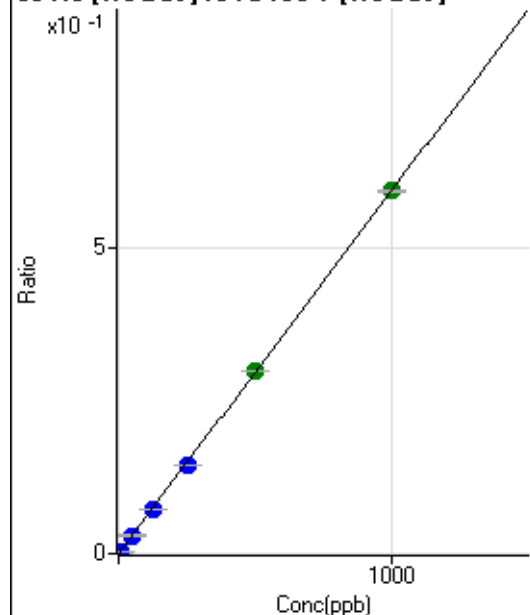
$$R = 1.0000$$

$$DL = 0.01902$$

$$BEC = 0.009636$$

Weight: <None>

Min Conc: 0

96 Mo [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	54.1
2	☐	0.500					
3	☐	5.000	3.840	16627.65	0.0023	P	2.1
4	☐	50.000	49.870	219253.72	0.0295	P	1.9
5	☐	125.000	122.898	565819.64	0.0728	P	1.3
6	☐	250.000	244.776	1139221.55	0.1449	P	0.8
7	☐	500.000	503.305	2355510.79	0.2980	A	0.9
8	☐	1000.000	999.929	4573781.26	0.5920	A	0.3
9	☐			7068.83	0.0009	P	1.1

$$y = 5.9202\text{E-}004 * x + 1.3602\text{E-}005$$

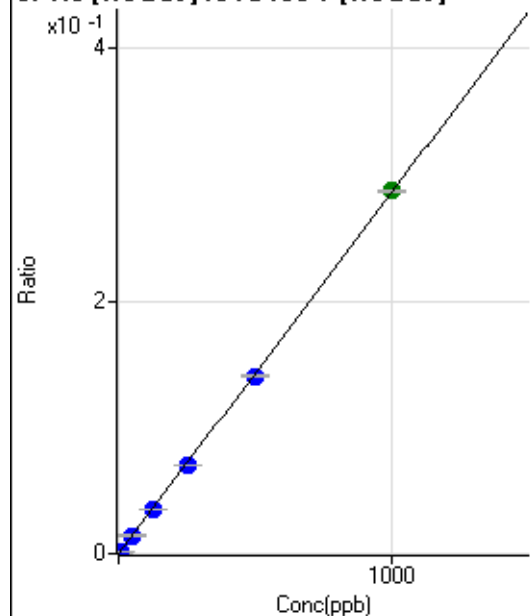
$$R = 1.0000$$

$$DL = 0.03731$$

$$BEC = 0.02298$$

Weight: <None>

Min Conc: 0

97 Mo [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.01	0.0000	P	29.6
2	☐	0.500					
3	☐	5.000	4.358	9117.34	0.0013	P	2.2
4	☐	50.000	50.545	107211.03	0.0144	P	2.0
5	☐	125.000	123.766	274859.24	0.0354	P	0.5
6	☐	250.000	245.471	551044.67	0.0701	P	1.1
7	☐	500.000	492.351	1111406.41	0.1406	P	0.4
8	☐	1000.000	1005.087	2217523.01	0.2870	A	0.9
9	☐			3017.14	0.0004	P	4.0

$$y = 2.8555\text{E-}004 * x + 9.9254\text{E-}006$$

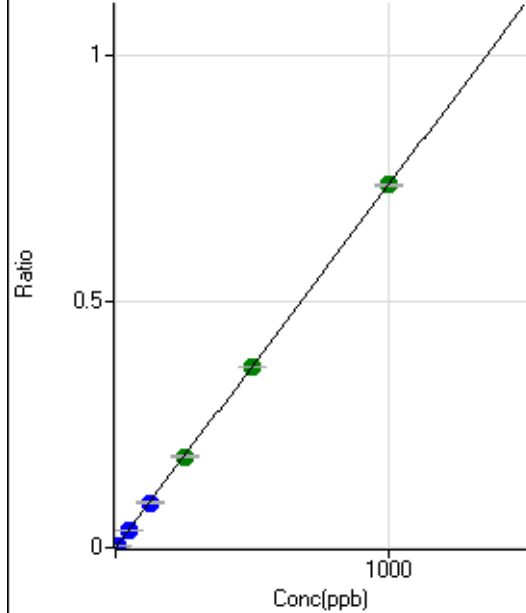
$$R = 0.9999$$

$$DL = 0.03084$$

$$BEC = 0.03476$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	113.89	0.0000	P	22.5
2	☐	0.500					
3	☐	5.000	4.428	23866.33	0.0033	P	1.8
4	☐	50.000	50.059	274281.90	0.0369	P	1.1
5	☐	125.000	124.073	711855.47	0.0916	P	0.9
6	☐	250.000	250.213	1451205.24	0.1846	A	1.5
7	☐	500.000	499.643	2914096.24	0.3687	A	0.5
8	☐	1000.000	1000.241	5701887.67	0.7380	A	0.2
9	☐			7255.08	0.0010	P	3.1

$$y = 7.3781\text{E-}004 * x + 1.5069\text{E-}005$$

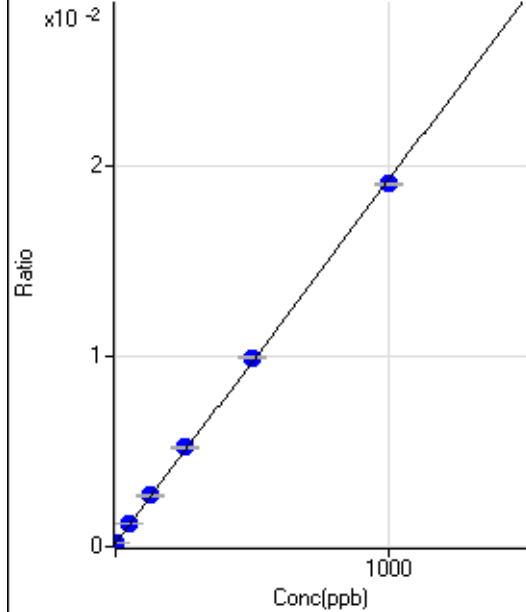
$$R = 1.0000$$

$$DL = 0.01378$$

$$BEC = 0.02042$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1514.05	0.0002	P	4.3
2	☐	0.100					
3	☐	1.000	0.586	1544.61	0.0002	P	7.9
4	☐	50.000	53.732	10637.99	0.0012	P	3.7
5	☐	125.000	131.659	24826.57	0.0027	P	2.0
6	☐	250.000	264.230	48806.01	0.0052	P	1.5
7	☐	500.000	511.761	96531.30	0.0099	P	1.1
8	☐	1000.000	989.543	187380.01	0.0191	P	0.5
9	☐			1505.71	0.0002	P	5.5

$$y = 1.9108\text{E-}005 * x + 1.6915\text{E-}004$$

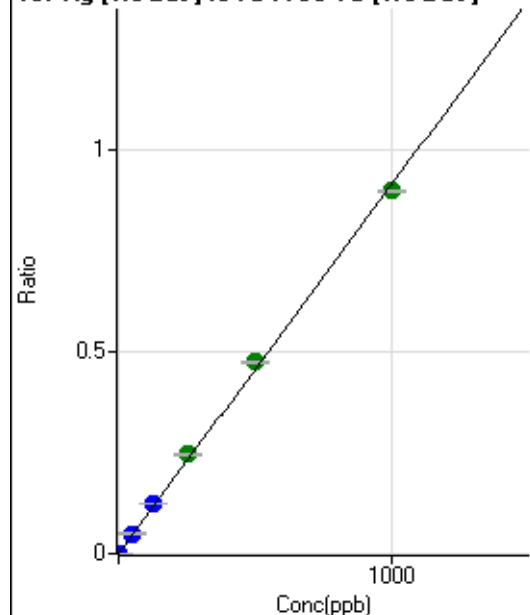
$$R = 0.9998$$

$$DL = 1.145$$

$$BEC = 8.853$$

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	72.23	0.0000	P	69.6
2	☐	0.100					
3	☐	1.000	1.271	9984.69	0.0012	P	1.7
4	☐	50.000	54.507	441952.25	0.0497	P	1.5
5	☐	125.000	135.426	1141261.45	0.1234	P	0.5
6	☐	250.000	269.604	2298048.53	0.2457	A	1.1
7	☐	500.000	519.645	4594981.13	0.4735	A	1.1
8	☐	1000.000	983.748	8804512.26	0.8964	A	0.3
9	☐			1061.20	0.0001	P	1.5

$$y = 9.1125\text{E-}004 * x + 8.0734\text{E-}006$$

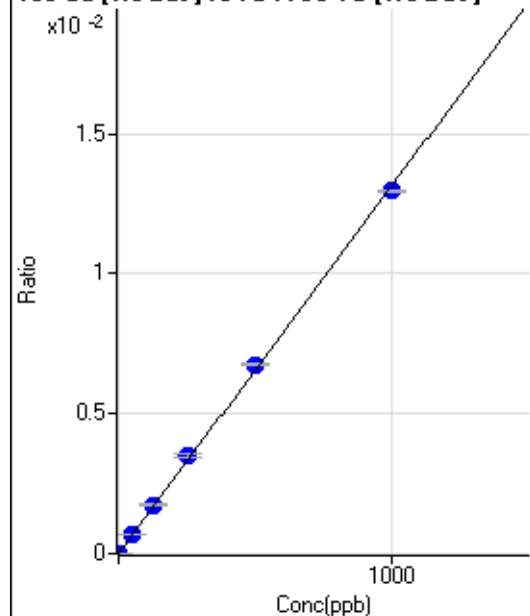
$$R = 0.9995$$

$$DL = 0.01849$$

$$BEC = 0.00886$$

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	8.33	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	1.001	120.84	0.0000	P	15.2
4	☐	50.000	53.364	6240.48	0.0007	P	1.6
5	☐	125.000	133.104	16166.92	0.0017	P	2.9
6	☐	250.000	266.971	32787.30	0.0035	P	2.6
7	☐	500.000	514.060	65497.14	0.0067	P	0.8
8	☐	1000.000	987.546	127331.80	0.0130	P	0.7
9	☐			31.94	0.0000	P	57.9

$$y = 1.3127\text{E-}005 * x + 9.3223\text{E-}007$$

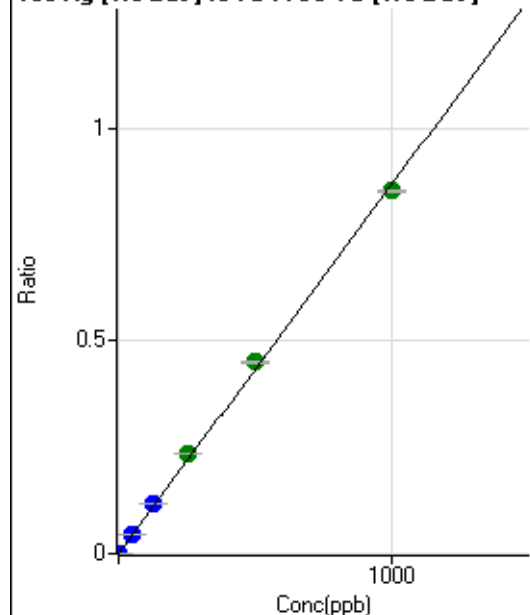
$$R = 0.9997$$

$$DL = 0.1845$$

$$BEC = 0.07101$$

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	61.12	0.0000	P	34.1
2	☐	0.100					
3	☐	1.000	1.234	9228.57	0.0011	P	3.0
4	☐	50.000	54.214	418569.15	0.0470	P	1.4
5	☐	125.000	134.426	1078687.46	0.1166	P	0.7
6	☐	250.000	271.658	2204833.95	0.2357	A	0.7
7	☐	500.000	519.591	4375278.18	0.4509	A	1.3
8	☐	1000.000	983.401	8380837.60	0.8533	A	0.6
9	☐			1013.98	0.0001	P	7.9

$$y = 8.6771\text{E-}004 * x + 6.8251\text{E-}006$$

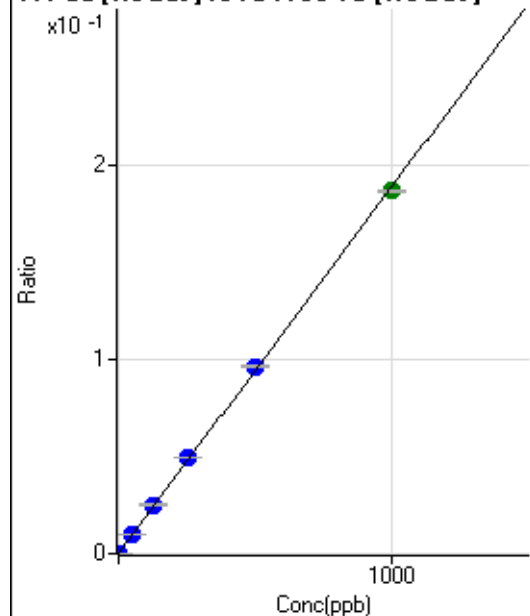
$$R = 0.9994$$

$$DL = 0.00805$$

$$BEC = 0.007866$$

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	1060.95	0.0001	P	3.9
2	☐	0.100					
3	☐	1.000	0.963	2571.77	0.0003	P	6.2
4	☐	50.000	53.293	90476.60	0.0102	P	1.9
5	☐	125.000	133.105	233237.05	0.0252	P	0.9
6	☐	250.000	263.363	465698.66	0.0498	P	0.7
7	☐	500.000	511.185	936715.32	0.0965	P	0.8
8	☐	1000.000	989.889	1834827.56	0.1868	A	0.3
9	☐			1308.04	0.0001	P	6.6

$$y = 1.8860\text{E-}004 * x + 1.1853\text{E-}004$$

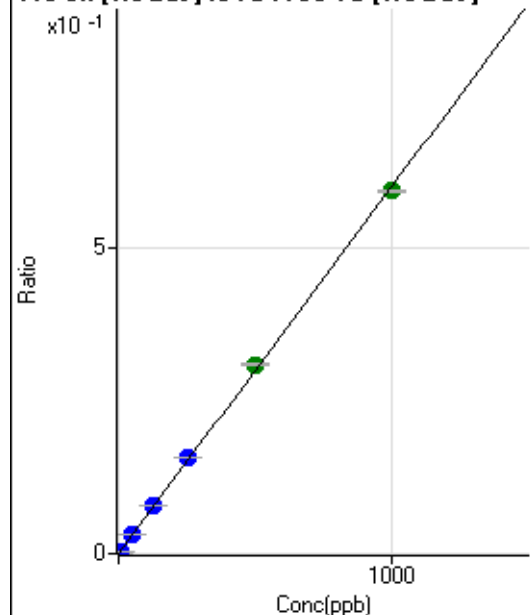
$$R = 0.9998$$

$$DL = 0.0726$$

$$BEC = 0.6285$$

Weight: <None>

Min Conc: 0

118 Sn [NoGas] ISTD : 159 Tb [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.26	0.0001	P	14.1
2	☐	0.500					
3	☐	5.000	4.833	25288.68	0.0030	P	1.4
4	☐	50.000	52.892	282779.54	0.0318	P	1.9
5	☐	125.000	130.273	723222.00	0.0782	P	1.1
6	☐	250.000	259.950	1459202.51	0.1560	P	0.1
7	☐	500.000	514.290	2994541.82	0.3086	A	0.9
8	☐	1000.000	989.565	5831399.61	0.5937	A	0.6
9	☐			4345.33	0.0005	P	9.5

$$y = 5.9993\text{E-}004 * x + 5.5544\text{E-}005$$

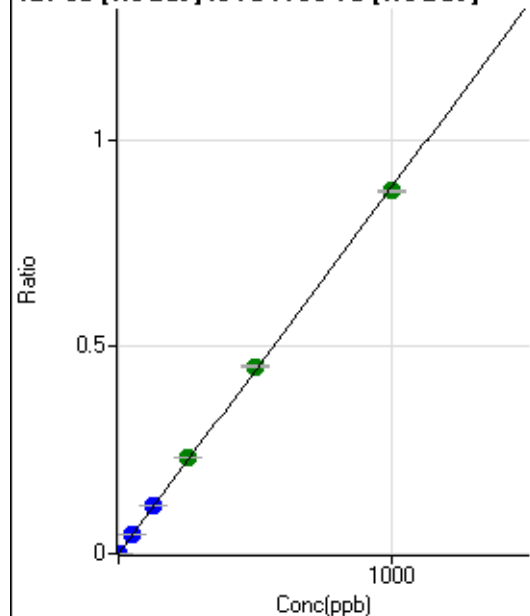
$$R = 0.9998$$

$$DL = 0.03918$$

$$BEC = 0.09259$$

Weight: <None>

Min Conc: 0

121 Sb [NoGas] ISTD : 159 Tb [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	15.7
2	☐	0.200					
3	☐	2.000	1.964	14970.23	0.0017	P	2.5
4	☐	50.000	52.563	414111.29	0.0465	P	1.3
5	☐	125.000	130.949	1072232.28	0.1160	P	0.5
6	☐	250.000	262.553	2174434.86	0.2325	A	1.1
7	☐	500.000	510.442	4385581.04	0.4520	A	0.9
8	☐	1000.000	990.769	8615400.97	0.8772	A	0.7
9	☐			18377.37	0.0019	P	1.4

$$y = 8.8540\text{E-}004 * x + 8.9989\text{E-}006$$

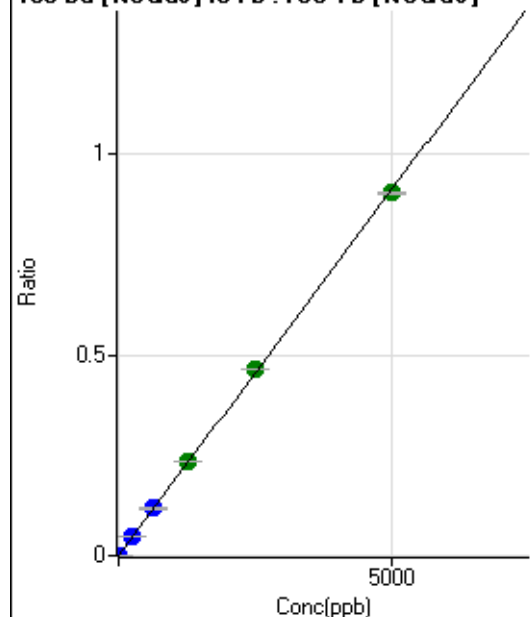
$$R = 0.9998$$

$$DL = 0.004785$$

$$BEC = 0.01016$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.6
2	☐	1.000					
3	☐	10.000	9.298	14533.55	0.0017	P	3.1
4	☐	250.000	260.945	422542.53	0.0475	P	1.8
5	☐	625.000	647.250	1089370.34	0.1178	P	1.1
6	☐	1250.000	1297.139	2208234.96	0.2361	A	0.3
7	☐	2500.000	2549.488	4502647.80	0.4640	A	0.8
8	☐	5000.000	4960.144	8866327.11	0.9028	A	0.3
9	☐			2975.46	0.0003	P	4.1

$$y = 1.8200E-004 * x + 4.3431E-006$$

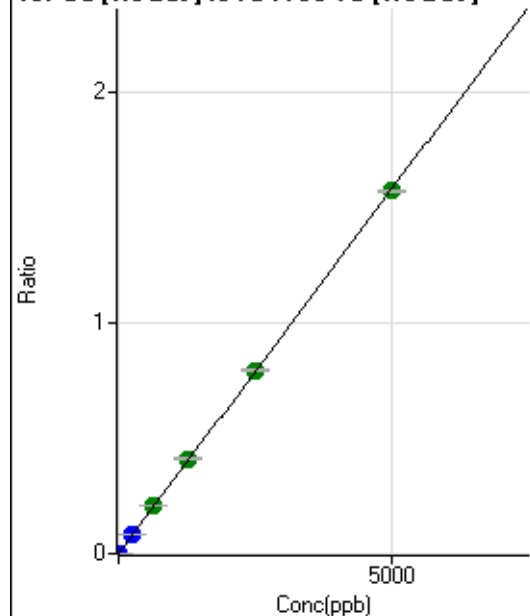
$$R = 0.9999$$

$$DL = 0.02336$$

$$BEC = 0.02386$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	59.8
2	☐	1.000					
3	☐	10.000	9.148	24796.43	0.0029	P	0.8
4	☐	250.000	261.526	735299.92	0.0827	P	1.6
5	☐	625.000	650.309	1900443.86	0.2055	A	0.7
6	☐	1250.000	1299.199	3840201.21	0.4106	A	1.1
7	☐	2500.000	2508.204	7691481.69	0.7926	A	1.1
8	☐	5000.000	4979.860	15455893.23	1.5737	A	0.6
9	☐			4842.77	0.0005	P	7.0

$$y = 3.1602E-004 * x + 5.9015E-006$$

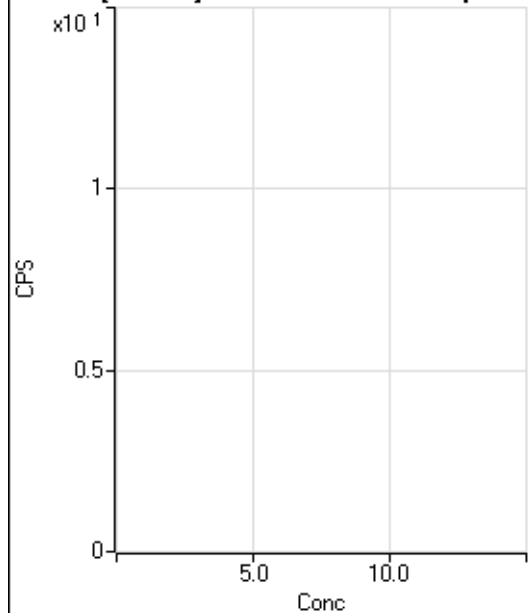
$$R = 0.9999$$

$$DL = 0.03353$$

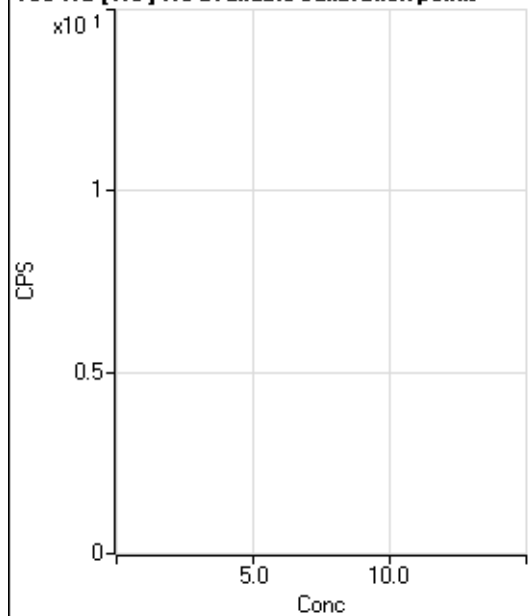
$$BEC = 0.01867$$

Weight: <None>

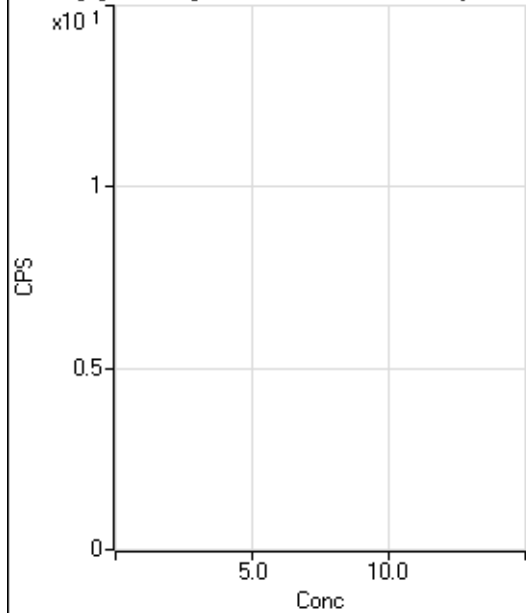
Min Conc: 0

150 Nd [No Gas] No available calibration points

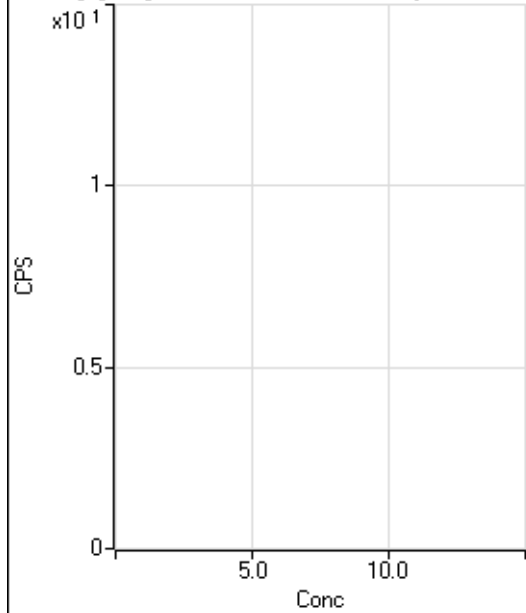
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	107.9
2	☐						
3	☐			11.11		P	69.3
4	☐			15.56		P	65.5
5	☐			33.33		P	20.0
6	☐			77.78		P	4.9
7	☐			177.79		P	5.7
8	☐			286.68		P	16.3
9	☐			102.23		P	39.3

150 Nd [He] No available calibration points

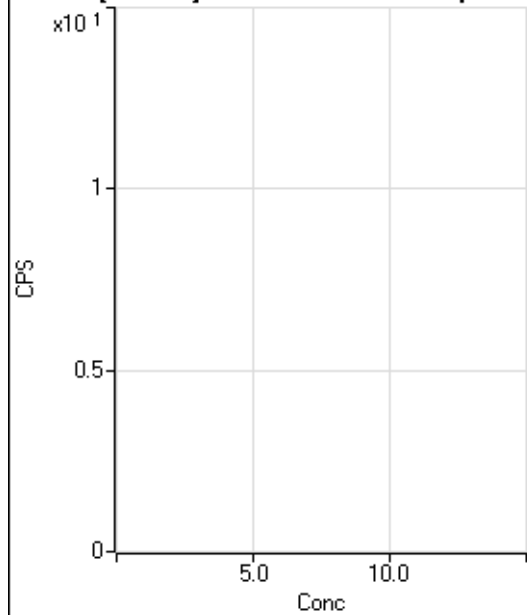
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			1.11		P	173.2
6	☐			2.22		P	86.6
7	☐			10.00		P	57.8
8	☐			4.44		P	43.4
9	☐			15.56		P	32.7

156 Dy [No Gas] No available calibration points

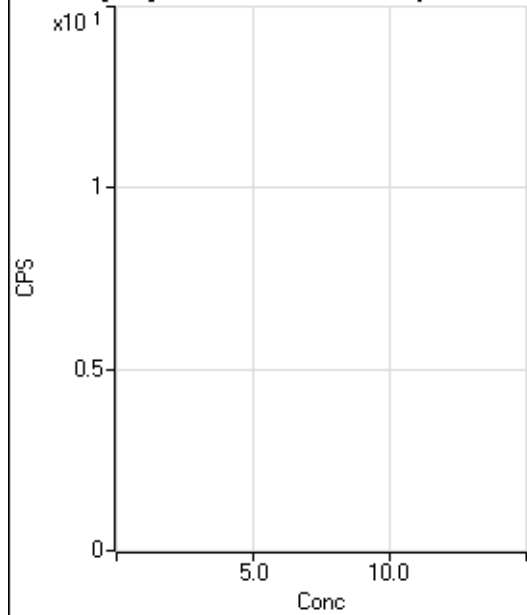
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			13.89		P	124.9
4	☐			22.22		P	21.6
5	☐			36.11		P	58.1
6	☐			27.78		P	45.8
7	☐			69.45		P	30.2
8	☐			136.12		P	28.3
9	☐			100.00		P	8.3

156 Dy [He] No available calibration points

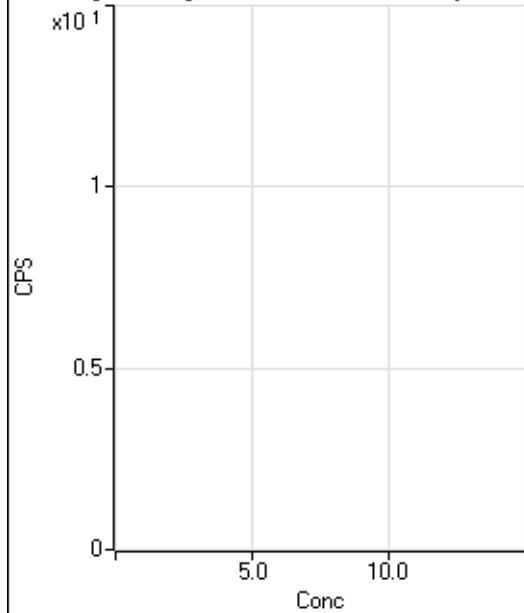
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	100.1
4	☐			3.33		P	0.0
5	☐			6.67		P	86.6
6	☐			5.56		P	91.6
7	☐			12.22		P	41.7
8	☐			17.78		P	65.8
9	☐			17.78		P	39.0

160 Gd [No Gas] No available calibration poin_

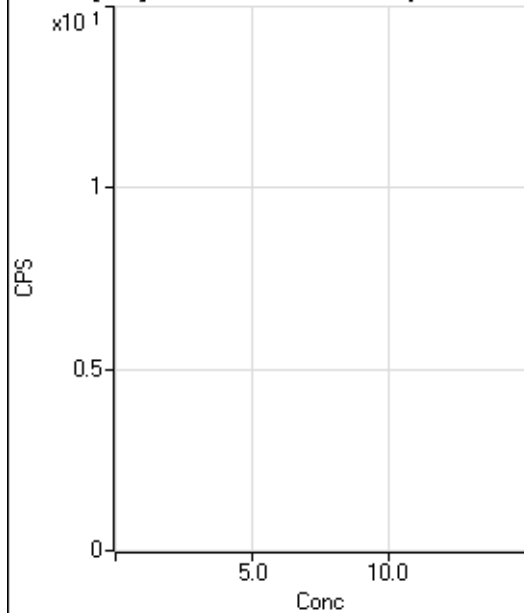
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	43.3
2	☐						
3	☐			55.56		P	22.9
4	☐			38.89		P	32.7
5	☐			52.78		P	36.5
6	☐			69.45		P	61.6
7	☐			72.22		P	29.0
8	☐			130.56		P	24.2
9	☐			75.00		P	29.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	87.4
2	☐						
3	☐			10.00		P	66.7
4	☐			6.67		P	100.0
5	☐			10.00		P	33.3
6	☐			10.00		P	100.0
7	☐			18.89		P	27.0
8	☐			23.33		P	NaN
9	☐			21.11		P	39.7

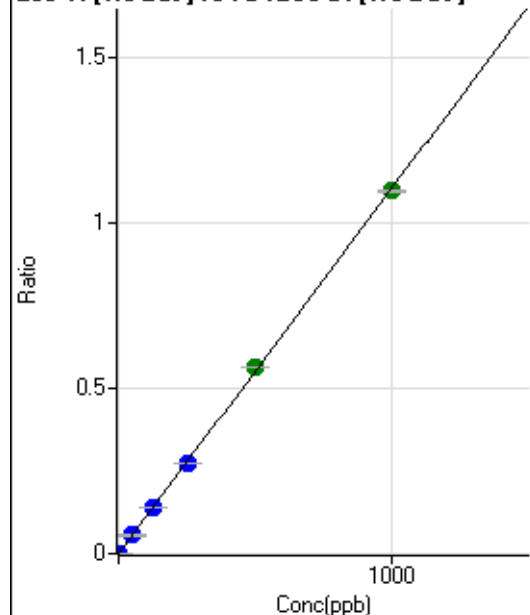
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	57.7
2	☐						
3	☐			41.67		P	20.0
4	☐			27.78		P	69.3
5	☐			38.89		P	49.5
6	☐			25.00		P	57.7
7	☐			44.45		P	39.0
8	☐			44.45		P	47.2
9	☐			77.78		P	16.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.2
2	☐						
3	☐			2.22		P	173.2
4	☐			4.45		P	86.6
5	☐			4.44		P	114.6
6	☐			1.11		P	173.2
7	☐			5.55		P	69.3
8	☐			12.22		P	31.5
9	☐			15.56		P	32.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	18.4
2	☐	0.100					
3	☐	1.000	0.916	5262.46	0.0010	P	5.4
4	☐	50.000	50.122	289846.88	0.0552	P	1.4
5	☐	125.000	125.228	749141.13	0.1379	P	0.5
6	☐	250.000	248.610	1509660.84	0.2738	P	0.8
7	☐	500.000	512.207	3245949.84	0.5640	A	0.3
8	☐	1000.000	994.210	6444667.55	1.0948	A	0.9
9	☐			2458.68	0.0004	P	6.4

$$y = 0.0011 * x + 2.9537E-005$$

$$R = 0.9999$$

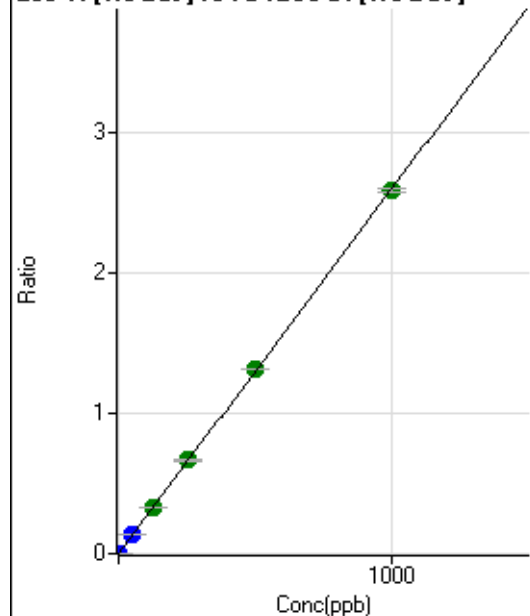
$$DL = 0.01481$$

$$BEC = 0.02682$$

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	516.70	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	0.912	12548.40	0.0025	P	1.4
4	☐	50.000	50.552	690850.99	0.1316	P	1.8
5	☐	125.000	126.538	1788673.95	0.3293	A	1.3
6	☐	250.000	256.401	3678986.32	0.6672	A	1.0
7	☐	500.000	505.791	7573828.90	1.3161	A	0.4
8	☐	1000.000	995.285	15244042.35	2.5896	A	1.1
9	☐			5454.22	0.0010	P	7.8

$$y = 0.0026 * x + 9.6371E-005$$

$$R = 1.0000$$

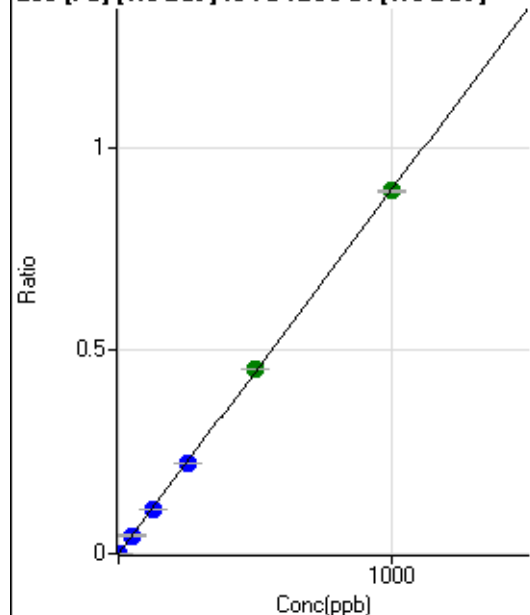
$$DL = 0.01106$$

$$BEC = 0.03704$$

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	429.65	0.0001	P	9.5
2	☐	0.100					
3	☐	1.000	1.029	5084.52	0.0010	P	1.7
4	☐	50.000	49.810	234435.42	0.0447	P	1.7
5	☐	125.000	123.492	600792.29	0.1106	P	1.0
6	☐	250.000	247.514	1222067.72	0.2216	P	0.4
7	☐	500.000	506.261	2608168.72	0.4532	A	0.3
8	☐	1000.000	997.689	5257684.09	0.8931	A	0.5
9	☐			8403.05	0.0015	P	3.5

$$y = 8.9507\text{E-}004 * x + 8.0135\text{E-}005$$

$$R = 1.0000$$

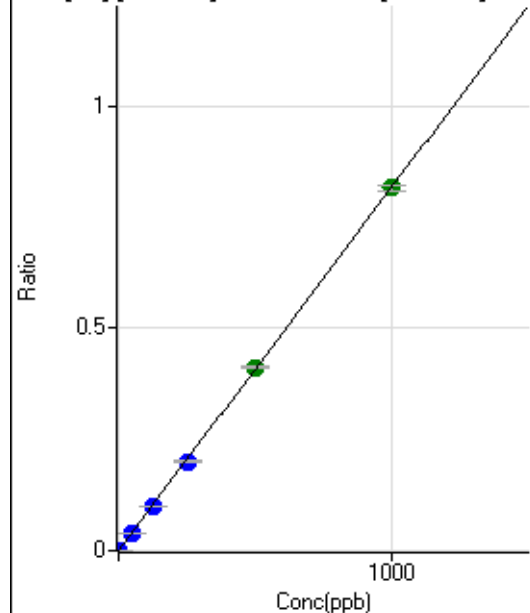
$$DL = 0.02553$$

$$BEC = 0.08953$$

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	435.21	0.0001	P	3.8
2	☐	0.100					
3	☐	1.000	1.070	4845.51	0.0010	P	1.3
4	☐	50.000	49.257	211455.57	0.0403	P	1.2
5	☐	125.000	123.582	548333.13	0.1010	P	0.5
6	☐	250.000	245.553	1105629.99	0.2005	P	0.5
7	☐	500.000	504.571	2370500.11	0.4119	A	1.1
8	☐	1000.000	999.041	4800498.66	0.8155	A	1.3
9	☐			7437.56	0.0013	P	2.5

$$y = 8.1622\text{E-}004 * x + 8.1158\text{E-}005$$

$$R = 1.0000$$

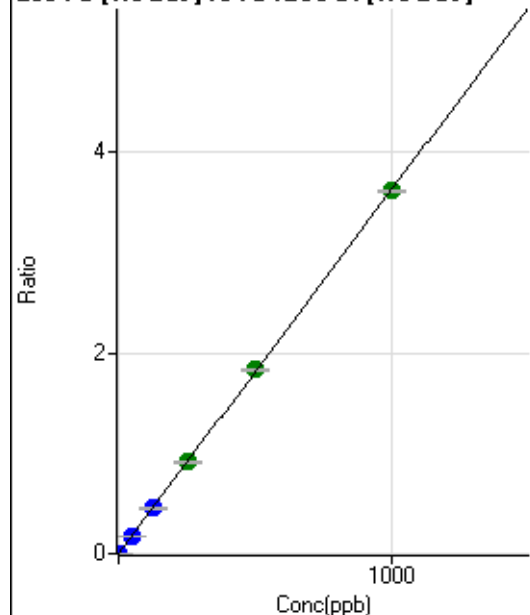
$$DL = 0.01144$$

$$BEC = 0.09943$$

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	1840.86	0.0003	P	4.5
2	☐	0.100					
3	☐	1.000	1.071	21442.96	0.0042	P	0.6
4	☐	50.000	49.769	948312.22	0.1807	P	1.1
5	☐	125.000	124.281	2447704.33	0.4506	P	0.4
6	☐	250.000	251.411	5024760.12	0.9113	A	0.7
7	☐	500.000	505.180	10535372.02	1.8307	A	0.5
8	☐	1000.000	997.159	21270370.85	3.6132	A	0.8
9	☐			33570.07	0.0061	P	1.0

$$y = 0.0036 * x + 3.4327E-004$$

$$R = 1.0000$$

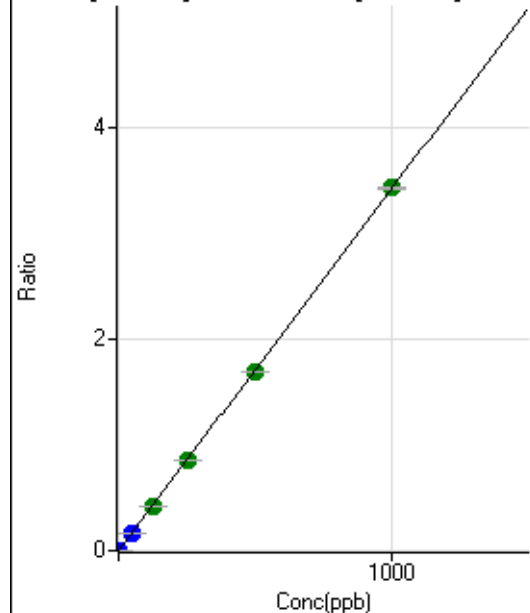
$$DL = 0.01284$$

$$BEC = 0.09474$$

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	138.90	0.0000	P	7.5
2	☐	0.100					
3	☐	1.000	0.878	15343.45	0.0030	P	4.1
4	☐	50.000	48.776	873806.19	0.1665	P	1.6
5	☐	125.000	123.627	2291589.64	0.4219	A	1.4
6	☐	250.000	249.015	4686104.79	0.8498	A	0.5
7	☐	500.000	494.400	9709768.88	1.6872	A	0.2
8	☐	1000.000	1003.279	20158310.69	3.4239	A	0.5
9	☐			1894.69	0.0003	P	3.3

$$y = 0.0034 * x + 2.5910E-005$$

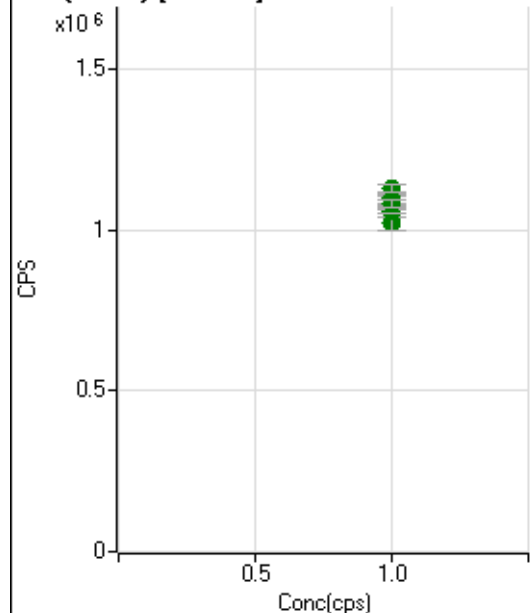
$$R = 1.0000$$

$$DL = 0.001705$$

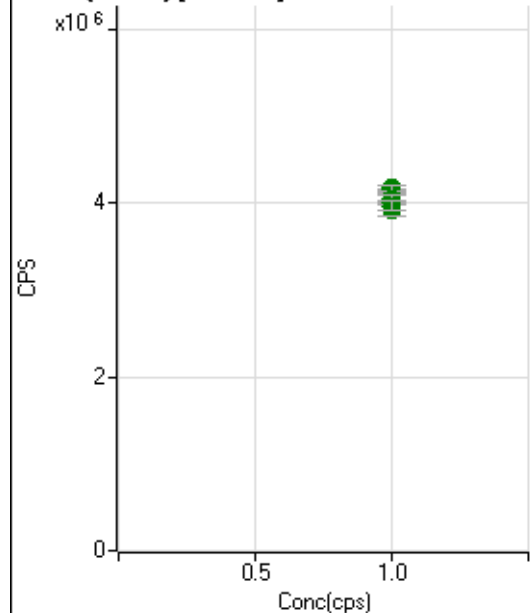
$$BEC = 0.007592$$

Weight: <None>

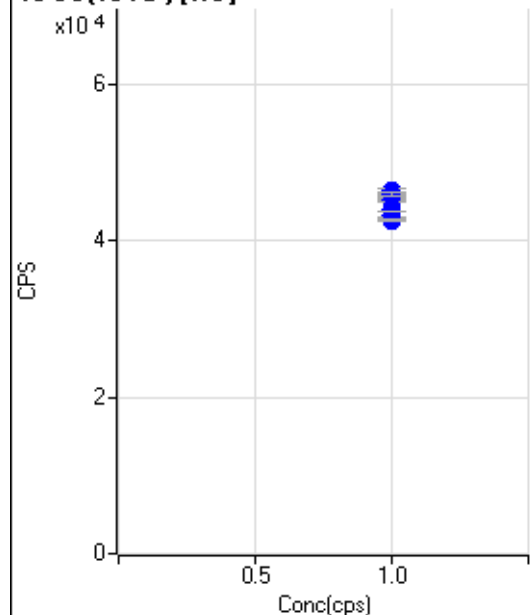
Min Conc: 0

6 Li(ISTD) [No Gas]

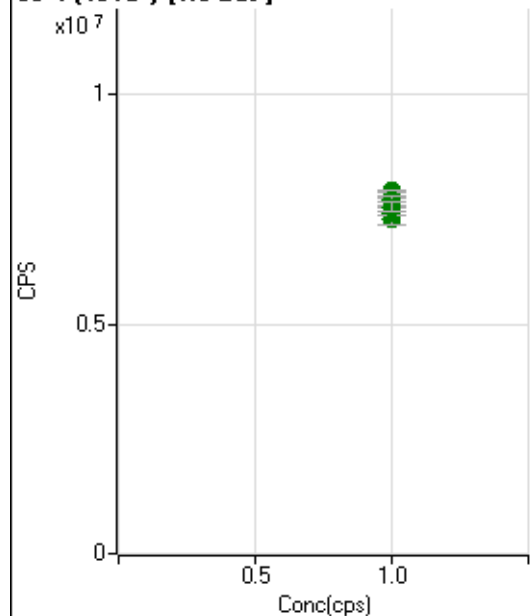
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1067357.11		A	1.1
2	☐	1.000					
3	☐	1.000		1019404.71		A	4.1
4	☐	1.000		1059004.52		A	1.1
5	☐	1.000		1081893.24		A	0.3
6	☐	1.000		1101207.14		A	1.0
7	☐	1.000		1114486.44		A	0.5
8	☐	1.000		1127207.33		A	2.2
9	☐	1.000		1081071.60		A	2.3

45 Sc(ISTD) [No Gas]

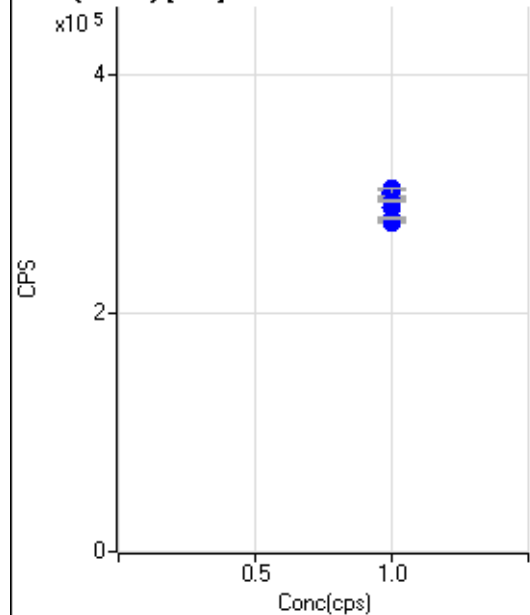
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3998885.11		A	0.1
2	☐	1.000					
3	☐	1.000		3914371.70		A	3.6
4	☐	1.000		4012497.35		A	1.0
5	☐	1.000		4116770.97		A	0.3
6	☐	1.000		4177013.63		A	1.0
7	☐	1.000		4170615.33		A	1.4
8	☐	1.000		4061558.73		A	1.8
9	☐	1.000		3968290.06		A	2.6

45 Sc(ISTD) [He]

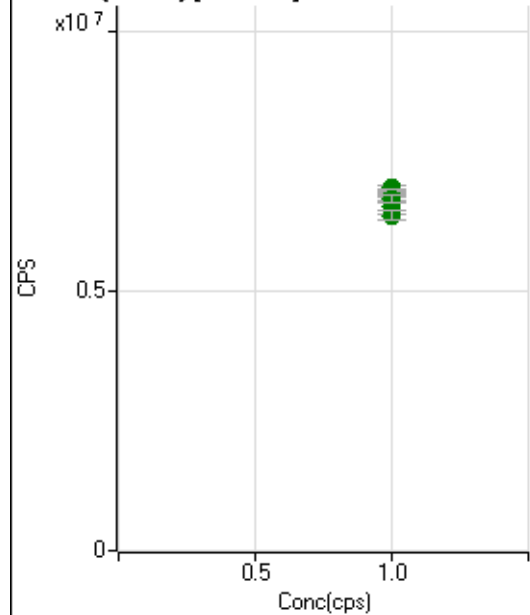
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		43940.09		P	5.9
2	☐	1.000					
3	☐	1.000		45335.22		P	1.7
4	☐	1.000		45716.47		P	0.9
5	☐	1.000		46348.56		P	1.5
6	☐	1.000		46419.94		P	1.7
7	☐	1.000		45942.84		P	1.0
8	☐	1.000		43374.81		P	1.6
9	☐	1.000		42662.57		P	0.7

89 Y(ISTD) [No Gas]

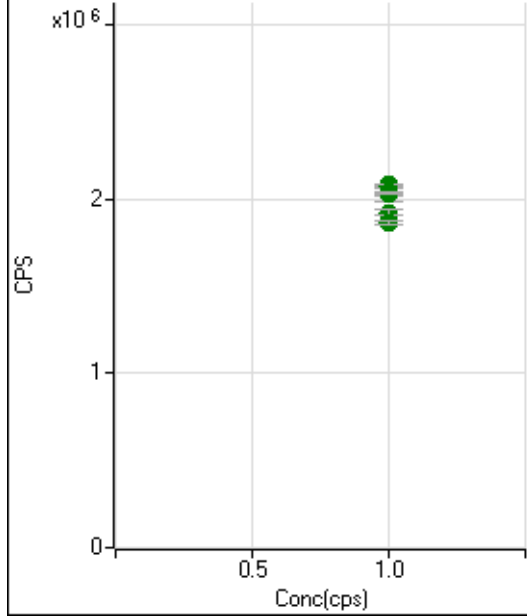
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7559055.44		A	0.3
2	☐	1.000					
3	☐	1.000		7269655.24		A	3.1
4	☐	1.000		7423971.21		A	1.3
5	☐	1.000		7775291.97		A	0.6
6	☐	1.000		7861221.48		A	1.3
7	☐	1.000		7904821.48		A	0.6
8	☐	1.000		7726055.37		A	1.4
9	☐	1.000		7562177.53		A	2.3

89 Y (ISTD) [He]

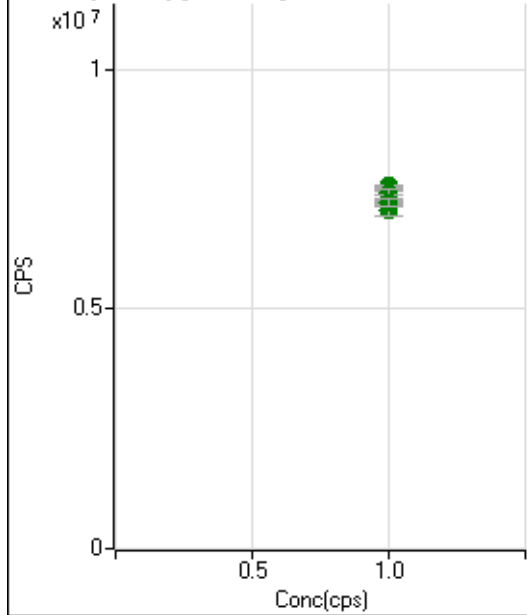
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		288174.09		P	5.2
2	☐	1.000					
3	☐	1.000		294886.77		P	0.7
4	☐	1.000		299891.15		P	1.6
5	☐	1.000		304174.47		P	0.3
6	☐	1.000		301298.03		P	1.9
7	☐	1.000		293444.00		P	0.5
8	☐	1.000		276186.47		P	0.9
9	☐	1.000		279642.81		P	0.6

103 Rh (ISTD) [NoGas]

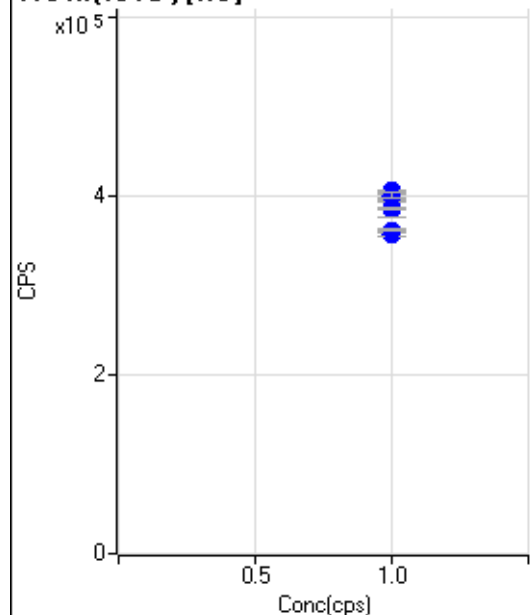
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6893922.64		A	0.2
2	☐	1.000					
3	☐	1.000		6610722.06		A	4.2
4	☐	1.000		6762953.71		A	1.6
5	☐	1.000		6986338.44		A	1.0
6	☐	1.000		6951879.93		A	0.2
7	☐	1.000		6932961.70		A	0.5
8	☐	1.000		6782267.78		A	2.2
9	☐	1.000		6453917.94		A	3.0

103Rh(ISTD) [He]

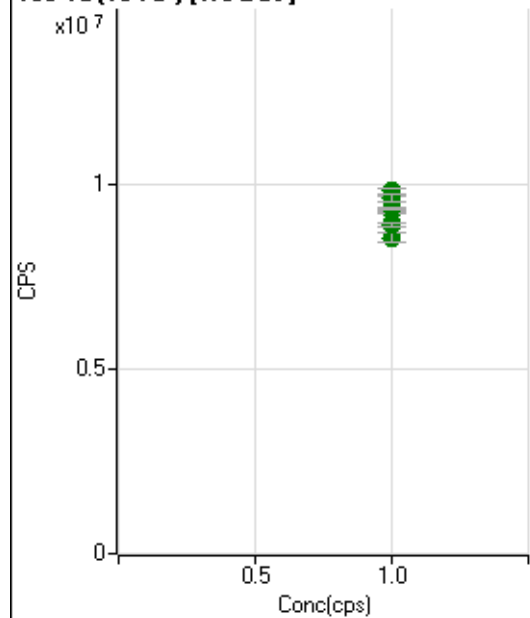
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2035935.47		A	5.1
2	☐	1.000					
3	☐	1.000		2029706.01		A	1.1
4	☐	1.000		2060421.08		A	2.3
5	☐	1.000		2080067.68		A	0.7
6	☐	1.000		2071975.42		A	0.9
7	☐	1.000		2035267.31		A	0.5
8	☐	1.000		1923647.49		A	1.4
9	☐	1.000		1865449.07		A	1.3

115In(ISTD) [NoGas]

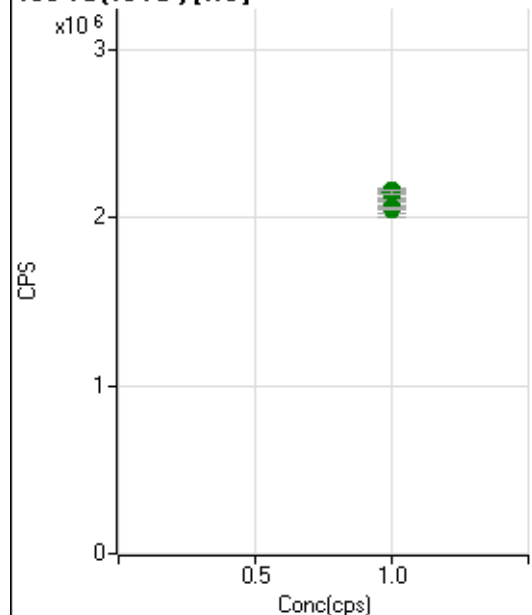
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7263861.73		A	1.1
2	☐	1.000					
3	☐	1.000		7054703.14		A	3.6
4	☐	1.000		7213785.25		A	1.0
5	☐	1.000		7487515.69		A	0.8
6	☐	1.000		7497682.07		A	1.0
7	☐	1.000		7563980.46		A	0.3
8	☐	1.000		7424521.40		A	1.5
9	☐	1.000		7215189.72		A	2.7

115 In(ISTD) [He]

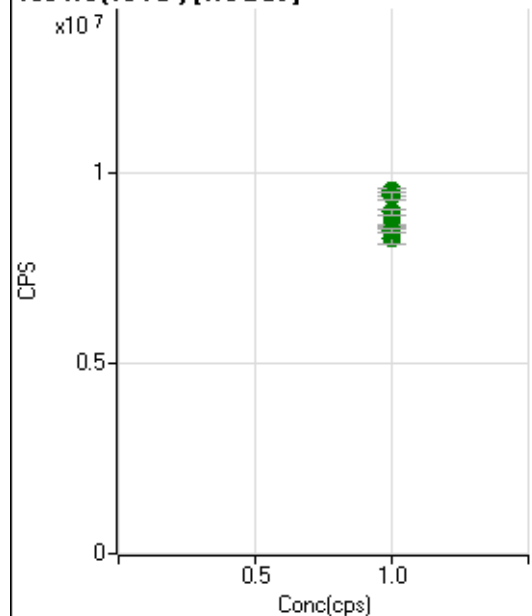
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		385740.09		P	5.1
2	☐	1.000					
3	☐	1.000		393373.36		P	0.3
4	☐	1.000		400321.20		P	0.8
5	☐	1.000		405771.98		P	0.4
6	☐	1.000		400618.61		P	1.7
7	☐	1.000		386453.66		P	0.4
8	☐	1.000		357250.10		P	1.5
9	☐	1.000		361712.54		P	0.6

159 Tb(ISTD) [NoGas]

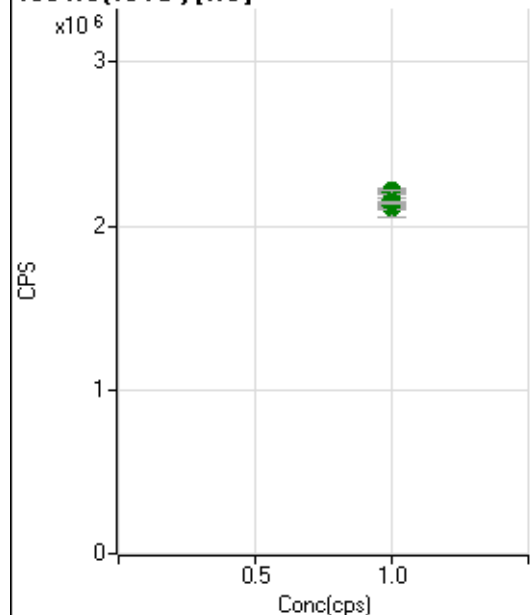
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8951319.66		A	0.3
2	☐	1.000					
3	☐	1.000		8560683.83		A	3.1
4	☐	1.000		8897265.77		A	1.0
5	☐	1.000		9247429.79		A	0.4
6	☐	1.000		9353517.85		A	0.4
7	☐	1.000		9704155.83		A	0.9
8	☐	1.000		9821763.05		A	1.5
9	☐	1.000		9640710.14		A	2.0

159 Tb(ISTD) [He]

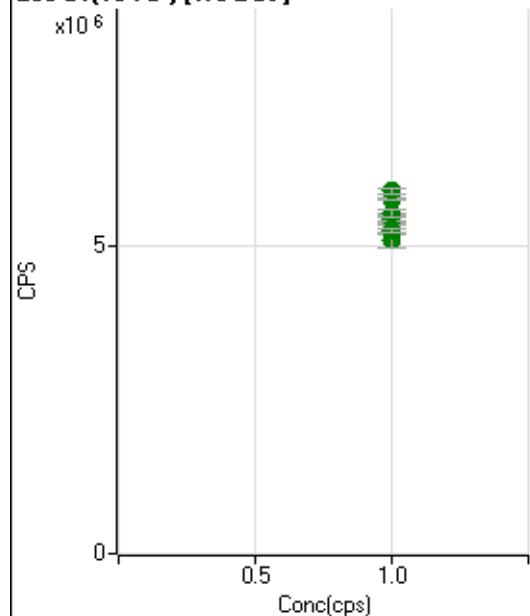
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2056664.19		A	5.4
2	☐	1.000					
3	☐	1.000		2055172.40		A	0.4
4	☐	1.000		2103627.77		A	0.6
5	☐	1.000		2146206.04		A	0.2
6	☐	1.000		2159155.85		A	1.8
7	☐	1.000		2152138.68		A	0.9
8	☐	1.000		2048270.68		A	1.7
9	☐	1.000		2058103.65		A	0.4

165 Ho(ISTD) [NoGas]

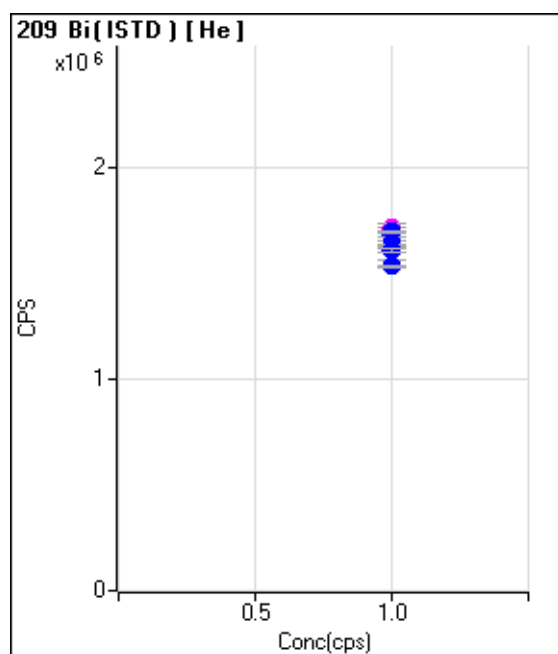
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8607581.70		A	0.6
2	☐	1.000					
3	☐	1.000		8254519.45		A	3.8
4	☐	1.000		8488105.75		A	1.0
5	☐	1.000		8868130.84		A	0.3
6	☐	1.000		8961694.56		A	1.6
7	☐	1.000		9447130.77		A	1.0
8	☐	1.000		9517919.23		A	0.9
9	☐	1.000		9400897.09		A	2.2

165 Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2110619.08		A	5.5
2	☐	1.000					
3	☐	1.000		2122012.54		A	0.7
4	☐	1.000		2158933.53		A	0.8
5	☐	1.000		2214885.35		A	0.9
6	☐	1.000		2214247.29		A	1.3
7	☐	1.000		2208159.60		A	1.3
8	☐	1.000		2127029.12		A	1.9
9	☐	1.000		2143532.78		A	0.5

209 Bi(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5362165.89		A	0.5
2	☐	1.000					
3	☐	1.000		5078268.68		A	4.3
4	☐	1.000		5249391.83		A	1.3
5	☐	1.000		5431755.68		A	0.9
6	☐	1.000		5514332.21		A	0.9
7	☐	1.000		5754819.71		A	0.6
8	☐	1.000		5887321.37		A	1.8
9	☐	1.000		5519476.44		A	1.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1607855.04		P	5.5
2	☐	1.000					
3	☐	1.000		1629445.65		P	1.0
4	☐	1.000		1679185.04		P	1.2
5	☐	1.000		1708735.65		M	0.8
6	☐	1.000		1712529.43		M	2.4
7	☐	1.000		1693578.62		P	0.5
8	☐	1.000		1608714.21		P	1.0
9	☐	1.000		1531874.77		P	0.7

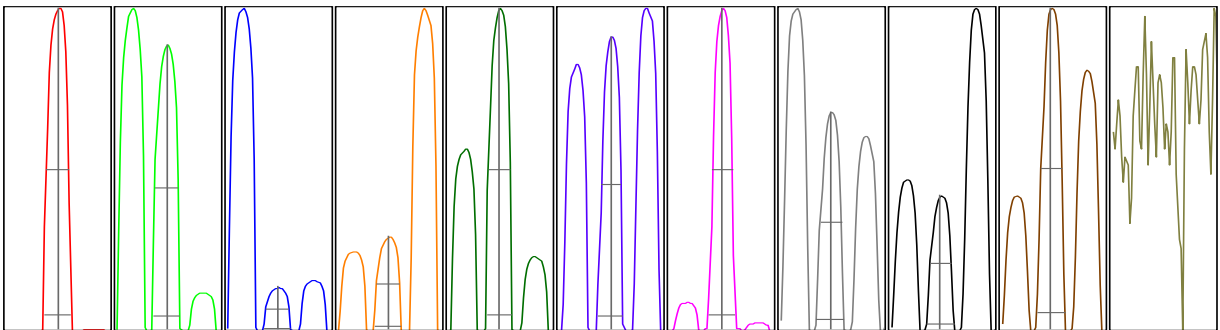
US EPA Tune Check Sample Report

Batch Folder D:\P8091517- MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7775	1.75	5.00	
24	49049	1.57	5.00	
25	6533	1.60	5.00	
26	7590	1.77	5.00	
59	80295	1.80	5.00	
113	11577	1.90	5.00	
115	145273	1.89	5.00	
206	30460	1.94	5.00	
207	27058	2.14	5.00	
208	65062	1.89	5.00	
220	1	13.07		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7788	7745	7600	7763	7979
24	49057	48818	47982	49284	50106
25	6532	6540	6380	6540	6676
26	7611	7555	7390	7637	7758
59	80346	80147	78165	80603	82215
113	11521	11564	11288	11612	11901
115	145517	144234	141519	146044	149052
206	30370	30391	29685	30508	31345
207	26861	26990	26267	27346	27829
208	64526	65018	63472	65496	66797
220	1	1	1	1	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	12344	9.05	8.9 - 9.1		0.787	0.900	
24	76915	24.00	23.9 - 24.1		0.789	0.900	
25	10246	25.00	24.9 - 25.1		0.781	0.900	
26	12131	26.00	25.9 - 26.1		0.784	0.900	
59	132354	59.00	58.9 - 59.1		0.740	0.900	
113	20534	113.05	112.9 - 113.1		0.732	0.900	
115	258184	115.05	114.9 - 115.1		0.768	0.900	
206	52723	206.00	205.9 - 206.1		0.785	0.900	
207	47087	206.95	206.9 - 207.1		0.782	0.900	
208	112787	207.95	207.9 - 208.1		0.813	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.0	V	Deflect	14.8	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	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
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	13280	0.78	
89	3081	1.39	
205	17331	0.83	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	13403	13191	13379	13188	13239
89	3139	3091	3088	3021	3067
205	17542	17387	17327	17188	17211

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.0	V	Deflect	1.8	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	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
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:40:57	DataFile Name :	003CALB_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	1.75	-1.61	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.06	0.01	-0.07	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	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.12	0.07	-0.19	0.00	N/A	ppb
Boron	10-1	0.08	-0.16	0.08	0.00	N/A	ppb
Cadmium	106-1	-0.13	0.43	-0.30	0.00	N/A	ppb
Cadmium	108-1	0.04	0.04	-0.07	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Calcium	43-1	9.85	-1.38	-8.47	0.00	N/A	ppb
Calcium	44-1	-0.28	0.14	0.14	0.00	N/A	ppb
Chromium	52-2	0.00	0.09	-0.09	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.02	-0.04	0.02	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	0.43	-0.09	-0.34	0.00	N/A	ppb
Iron	57-2	0.71	-1.20	0.49	0.00	N/A	ppb
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.11	-2.21	1.10	0.00	N/A	ppb
Manganese	55-2	-0.02	0.01	0.01	0.00	N/A	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:40:57	DataFile Name :	003CALB_P8091517- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	0.03	0.00	N/A	ppb
Phosphorus	31-2	-15.11	15.40	-0.04	0.08	18761.10	ppb
Potassium	39-2	10.89	-5.99	-4.90	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	2.96	-1.48	-1.48	0.00	N/A	ppb
Selenium	78-2	-0.64	-0.64	1.27	0.00	N/A	ppb
Selenium	82-1	0.60	0.03	-0.63	0.00	N/A	ppb
Silicon	28-1	1.18	-0.13	-1.05	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	6.44	-3.58	-2.87	0.00	N/A	ppb
Strontium	86-1	-0.01	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-28.50	-27.55	-175.19	-77.08		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.14	-0.06	-0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:40:57	DataFile Name :	003CALB_P8091517- M8

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

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:48:07	DataFile Name :	005CALS_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.08	22.33	22.82	19.41	28.28	ppb
Antimony	121-1	1.93	2.02	1.94	1.96	2.50	ppb
Arsenic	75-2	1.03	0.89	0.96	0.96	7.24	ppb
Barium	135-1	9.36	9.55	8.98	9.30	3.11	ppb
Barium	137-1	9.16	9.07	9.22	9.15	0.79	ppb
Beryllium	9-1	1.03	0.97	0.93	0.98	4.88	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	11-1	22.57	21.72	22.55	22.28	2.19	ppb
Boron	10-1	23.31	19.63	22.62	21.85	8.94	ppb
Cadmium	106-1	-0.11	1.37	0.49	0.59	126.61	ppb
Cadmium	108-1	1.10	1.09	0.81	1.00	16.28	ppb
Cadmium	111-1	0.95	1.07	0.87	0.96	10.20	ppb
Calcium	43-1	419.34	419.47	444.45	427.75	3.38	ppb
Calcium	44-1	443.53	439.09	445.67	442.76	0.76	ppb
Chromium	52-2	1.77	1.91	1.92	1.87	4.49	ppb
Cobalt	59-2	1.01	0.91	0.90	0.94	6.45	ppb
Copper	63-2	2.09	2.18	2.04	2.11	3.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	44.47	44.30	45.20	44.66	1.07	ppb
Iron	57-2	39.44	42.83	35.65	39.31	9.14	ppb
Lead	206-1	1.05	1.01	1.03	1.03	1.86	ppb
Lead	207-1	1.05	1.08	1.08	1.07	1.41	ppb
Lead	208-1	1.06	1.07	1.07	1.07	0.64	ppb
Lithium	6-1				96		%
Magnesium	24-2	434.61	413.20	432.30	426.70	2.75	ppb
Manganese	55-2	1.13	0.87	0.91	0.97	14.61	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:48:07	DataFile Name :	005CAL5_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.40	4.52	4.37	4.43	1.76	ppb
Molybdenum	94-1	1.97	2.03	2.01	2.00	1.60	ppb
Molybdenum	95-1	4.52	4.54	4.38	4.48	2.02	ppb
Molybdenum	96-1	3.79	3.93	3.79	3.84	2.07	ppb
Molybdenum	97-1	4.40	4.25	4.42	4.36	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.07	0.93	0.99	7.16	ppb
Phosphorus	31-2	-15.11	14.77	0.10	-0.08		ppb
Potassium	39-2	456.44	413.02	454.70	441.38	5.57	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	77-2	2.63	2.58	6.67	3.96	59.29	ppb
Selenium	78-2	3.88	7.00	8.93	6.60	38.65	ppb
Selenium	82-1	4.89	4.74	5.54	5.06	8.44	ppb
Silicon	28-1	9.72	10.51	20.97	13.73	45.71	ppb
Silver	109-1	1.28	1.21	1.22	1.23	3.03	ppb
Silver	107-1	1.25	1.28	1.29	1.27	1.69	ppb
Sodium	23-2	453.55	432.19	436.15	440.63	2.58	ppb
Strontium	86-1	0.91	0.94	0.80	0.89	8.37	ppb
Strontium	88-1	0.93	0.93	0.92	0.93	0.55	ppb
Sulfur	34-1	-34.21	-146.39	411.84	77.08	383.09	ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	0.91	0.87	0.97	0.92	5.57	ppb
Thallium	205-1	0.93	0.90	0.91	0.91	1.41	ppb
Tin	118-1	4.84	4.76	4.89	4.83	1.40	ppb
Titanium	47-1	4.42	4.24	4.36	4.34	2.16	ppb
Uranium	238-1	0.89	0.84	0.91	0.88	4.13	ppb
Vanadium	51-2	4.59	4.31	4.64	4.51	3.93	ppb
Yttrium	89-1				96		%
Yttrium	89-2				102		%
Zinc	66-2	2.48	2.02	1.91	2.14	14.05	ppb
Zirconium	90-1	0.91	0.91	0.90	0.90	0.73	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:48:07	DataFile Name :	005CALS_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.77	0.89	0.87	10.66	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 13:51:36 DataFile Name : 006CAL5_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1020.34	984.39	959.04	987.92	3.12	ppb
Antimony	121-1	53.33	52.41	51.95	52.56	1.33	ppb
Arsenic	75-2	48.21	49.01	49.48	48.90	1.31	ppb
Barium	135-1	265.81	256.60	260.42	260.94	1.77	ppb
Barium	137-1	266.40	258.88	259.30	261.53	1.62	ppb
Beryllium	9-1	53.06	52.21	52.42	52.57	0.84	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	11-1	48.99	50.09	49.02	49.37	1.27	ppb
Boron	10-1	49.42	51.51	52.88	51.27	3.39	ppb
Cadmium	106-1	55.67	51.21	54.31	53.73	4.25	ppb
Cadmium	108-1	54.17	53.47	52.45	53.36	1.62	ppb
Cadmium	111-1	54.05	52.10	53.73	53.29	1.97	ppb
Calcium	43-1	5017.53	4936.77	4870.66	4941.66	1.49	ppb
Calcium	44-1	5053.66	4919.09	4902.80	4958.52	1.67	ppb
Chromium	52-2	50.58	51.67	50.94	51.06	1.09	ppb
Cobalt	59-2	50.34	50.82	50.97	50.71	0.65	ppb
Copper	63-2	101.57	102.03	102.71	102.10	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	2595.57	2616.25	2588.28	2600.03	0.56	ppb
Iron	57-2	2567.34	2542.25	2602.57	2570.72	1.18	ppb
Lead	206-1	50.78	49.10	49.55	49.81	1.74	ppb
Lead	207-1	49.79	49.37	48.61	49.26	1.21	ppb
Lead	208-1	50.41	49.51	49.39	49.77	1.12	ppb
Lithium	6-1				99		%
Magnesium	24-2	4851.91	4886.69	4911.55	4883.39	0.61	ppb
Manganese	55-2	102.31	103.54	102.81	102.89	0.60	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:51:36	DataFile Name :	006CAL5_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	50.70	49.82	49.66	50.06	1.11	ppb
Molybdenum	94-1	51.13	50.38	50.15	50.56	1.01	ppb
Molybdenum	95-1	51.93	50.09	49.56	50.53	2.46	ppb
Molybdenum	96-1	50.97	49.25	49.38	49.87	1.92	ppb
Molybdenum	97-1	51.64	49.65	50.35	50.54	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.62	52.24	53.08	52.31	1.40	ppb
Phosphorus	31-2	1044.45	1012.09	957.23	1004.59	4.39	ppb
Potassium	39-2	2515.95	2573.36	2573.41	2554.24	1.30	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	77-2	57.63	47.03	55.39	53.35	10.48	ppb
Selenium	78-2	61.73	52.57	54.10	56.13	8.74	ppb
Selenium	82-1	53.07	52.76	52.00	52.61	1.04	ppb
Silicon	28-1	66.10	62.15	61.25	63.16	4.08	ppb
Silver	109-1	55.02	54.16	53.47	54.21	1.43	ppb
Silver	107-1	55.40	53.82	54.30	54.51	1.49	ppb
Sodium	23-2	4800.90	4891.20	4950.92	4881.01	1.55	ppb
Strontium	86-1	50.38	49.79	49.94	50.04	0.61	ppb
Strontium	88-1	52.28	51.58	50.99	51.62	1.25	ppb
Sulfur	34-1	1218.58	754.96	884.06	952.54	25.12	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	50.92	49.73	49.72	50.12	1.37	ppb
Thallium	205-1	51.58	50.14	49.94	50.55	1.76	ppb
Tin	118-1	54.04	52.30	52.34	52.89	1.88	ppb
Titanium	47-1	50.46	50.02	50.07	50.18	0.48	ppb
Uranium	238-1	49.61	48.67	48.05	48.78	1.61	ppb
Vanadium	51-2	50.58	50.51	49.70	50.26	0.98	ppb
Yttrium	89-1				98		%
Yttrium	89-2				104		%
Zinc	66-2	102.24	103.50	105.98	103.91	1.83	ppb
Zirconium	90-1	51.59	50.45	50.17	50.74	1.48	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:51:36	DataFile Name :	006CALS_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.88	50.25	50.00	50.38	0.91	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:55:04	DataFile Name :	007CAL5_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2550.59	2532.29	2396.54	2493.14	3.38	ppb
Antimony	121-1	131.18	130.17	131.50	130.95	0.53	ppb
Arsenic	75-2	124.56	128.51	126.72	126.59	1.56	ppb
Barium	135-1	654.20	640.46	647.09	647.25	1.06	ppb
Barium	137-1	652.60	644.84	653.49	650.31	0.73	ppb
Beryllium	9-1	131.47	128.53	131.13	130.38	1.24	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	11-1	129.09	126.67	128.87	128.21	1.04	ppb
Boron	10-1	127.51	123.45	126.53	125.83	1.68	ppb
Cadmium	106-1	130.45	129.63	134.90	131.66	2.16	ppb
Cadmium	108-1	137.63	130.67	131.01	133.10	2.95	ppb
Cadmium	111-1	133.04	131.93	134.35	133.11	0.91	ppb
Calcium	43-1	12463.05	12065.29	12226.85	12251.73	1.63	ppb
Calcium	44-1	12418.64	12245.11	12387.20	12350.32	0.75	ppb
Chromium	52-2	131.38	128.61	128.05	129.35	1.38	ppb
Cobalt	59-2	129.48	127.37	125.82	127.56	1.44	ppb
Copper	63-2	259.68	253.23	253.34	255.42	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				103		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	6604.26	6477.62	6411.41	6497.76	1.51	ppb
Iron	57-2	6581.08	6399.77	6372.82	6451.23	1.76	ppb
Lead	206-1	122.82	122.68	124.98	123.49	1.04	ppb
Lead	207-1	123.61	122.90	124.24	123.58	0.54	ppb
Lead	208-1	124.14	123.83	124.88	124.28	0.43	ppb
Lithium	6-1				101		%
Magnesium	24-2	12272.19	12123.90	12080.64	12158.91	0.83	ppb
Manganese	55-2	263.30	259.69	258.82	260.60	0.91	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:55:04	DataFile Name :	007CAL5_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	123.45	123.44	125.32	124.07	0.87	ppb
Molybdenum	94-1	123.98	123.53	125.24	124.25	0.71	ppb
Molybdenum	95-1	123.92	123.19	123.86	123.66	0.33	ppb
Molybdenum	96-1	124.08	121.13	123.49	122.90	1.27	ppb
Molybdenum	97-1	123.29	123.53	124.48	123.77	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.60	130.76	128.54	131.30	2.34	ppb
Phosphorus	31-2	2615.32	2529.13	2925.17	2689.87	7.74	ppb
Potassium	39-2	6622.61	6344.95	6285.58	6417.71	2.80	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	149.28	141.18	128.65	139.71	7.44	ppb
Selenium	78-2	117.47	128.51	109.96	118.65	7.86	ppb
Selenium	82-1	127.53	131.22	129.30	129.35	1.43	ppb
Silicon	28-1	158.62	151.47	156.92	155.67	2.40	ppb
Silver	109-1	135.14	133.33	134.81	134.43	0.72	ppb
Silver	107-1	135.64	134.68	135.96	135.43	0.49	ppb
Sodium	23-2	12852.83	12323.55	12691.22	12622.54	2.15	ppb
Strontium	86-1	124.48	125.24	125.68	125.13	0.48	ppb
Strontium	88-1	129.06	128.13	128.91	128.70	0.39	ppb
Sulfur	34-1	2469.38	2392.23	2372.56	2411.39	2.12	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	125.20	124.62	125.86	125.23	0.49	ppb
Thallium	205-1	125.80	125.37	128.44	126.54	1.31	ppb
Tin	118-1	131.21	128.60	131.00	130.27	1.11	ppb
Titanium	47-1	125.97	126.69	127.24	126.63	0.50	ppb
Uranium	238-1	122.19	123.17	125.52	123.63	1.39	ppb
Vanadium	51-2	132.14	127.27	127.48	128.96	2.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	269.32	260.03	256.29	261.88	2.56	ppb
Zirconium	90-1	127.29	125.16	128.66	127.04	1.39	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:55:04	DataFile Name :	007CALS_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.89	123.36	124.40	123.88	0.42	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:58:31	DataFile Name :	008CALS_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4736.55	4829.00	4736.42	4767.33	1.12	ppb
Antimony	121-1	263.83	259.27	264.56	262.55	1.09	ppb
Arsenic	75-2	248.78	262.26	247.46	252.83	3.24	ppb
Barium	135-1	1293.23	1296.74	1301.45	1297.14	0.32	ppb
Barium	137-1	1315.90	1294.01	1287.69	1299.20	1.14	ppb
Beryllium	9-1	253.97	255.21	259.18	256.12	1.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Boron	11-1	243.59	247.75	259.15	250.16	3.22	ppb
Boron	10-1	245.45	249.62	257.06	250.71	2.35	ppb
Cadmium	106-1	263.68	268.52	260.49	264.23	1.53	ppb
Cadmium	108-1	274.04	266.77	260.10	266.97	2.61	ppb
Cadmium	111-1	265.32	263.10	261.67	263.36	0.70	ppb
Calcium	43-1	24346.97	24260.38	24052.75	24220.03	0.62	ppb
Calcium	44-1	24344.60	24112.41	23971.76	24142.93	0.78	ppb
Chromium	52-2	253.49	261.22	253.90	256.20	1.70	ppb
Cobalt	59-2	246.96	257.22	250.28	251.49	2.08	ppb
Copper	63-2	497.93	516.63	500.31	504.96	2.02	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				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	12466.46	12759.89	12582.57	12602.97	1.17	ppb
Iron	57-2	12414.77	12938.80	12591.61	12648.40	2.11	ppb
Lead	206-1	247.93	248.21	246.40	247.51	0.39	ppb
Lead	207-1	245.49	246.87	244.30	245.55	0.52	ppb
Lead	208-1	251.37	253.29	249.57	251.41	0.74	ppb
Lithium	6-1				103		%
Magnesium	24-2	24047.68	24631.29	24222.59	24300.52	1.23	ppb
Manganese	55-2	504.73	524.81	507.52	512.35	2.12	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:58:31	DataFile Name :	008CAL5_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	254.37	248.61	247.66	250.21	1.45	ppb
Molybdenum	94-1	254.34	248.93	249.26	250.84	1.21	ppb
Molybdenum	95-1	249.07	245.59	243.07	245.91	1.22	ppb
Molybdenum	96-1	246.35	245.41	242.57	244.78	0.80	ppb
Molybdenum	97-1	248.23	245.53	242.65	245.47	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.05	264.78	257.76	258.53	2.28	ppb
Phosphorus	31-2	5044.44	4872.74	4984.55	4967.25	1.75	ppb
Potassium	39-2	12281.43	12776.07	12455.02	12504.18	2.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	241.66	251.42	312.54	268.54	14.31	ppb
Selenium	78-2	243.54	243.50	252.12	246.39	2.02	ppb
Selenium	82-1	258.52	253.33	251.28	254.38	1.47	ppb
Silicon	28-1	270.83	267.67	265.18	267.90	1.06	ppb
Silver	109-1	272.92	272.42	269.64	271.66	0.65	ppb
Silver	107-1	269.50	266.58	272.72	269.60	1.14	ppb
Sodium	23-2	24618.66	25370.25	24717.11	24902.01	1.64	ppb
Strontium	86-1	250.92	247.26	246.65	248.28	0.93	ppb
Strontium	88-1	253.83	251.11	247.26	250.73	1.32	ppb
Sulfur	34-1	4545.40	5005.34	4722.47	4757.73	4.88	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	247.83	250.99	247.00	248.61	0.85	ppb
Thallium	205-1	255.80	259.17	254.22	256.40	0.99	ppb
Tin	118-1	260.30	259.98	259.57	259.95	0.14	ppb
Titanium	47-1	251.71	249.48	250.82	250.67	0.45	ppb
Uranium	238-1	249.53	249.79	247.73	249.01	0.45	ppb
Vanadium	51-2	250.78	259.33	252.49	254.20	1.78	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	500.62	523.49	513.57	512.56	2.24	ppb
Zirconium	90-1	254.81	251.46	250.71	252.32	0.86	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:58:31	DataFile Name :	008CALS_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	250.35	247.96	245.40	247.90	1.00	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:01:49	DataFile Name :	009CAL5_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9721.25	9468.71	9851.30	9680.42	2.01	ppb
Antimony	121-1	514.31	505.67	511.35	510.44	0.86	ppb
Arsenic	75-2	497.04	506.66	501.25	501.65	0.96	ppb
Barium	135-1	2572.21	2533.25	2543.00	2549.49	0.80	ppb
Barium	137-1	2516.42	2478.48	2529.71	2508.20	1.06	ppb
Beryllium	9-1	508.41	509.77	507.62	508.60	0.21	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	11-1	495.91	515.79	506.58	506.09	1.97	ppb
Boron	10-1	505.22	514.27	513.49	510.99	0.98	ppb
Cadmium	106-1	510.59	506.80	517.90	511.76	1.10	ppb
Cadmium	108-1	509.57	514.65	517.96	514.06	0.82	ppb
Cadmium	111-1	510.09	507.66	515.80	511.19	0.82	ppb
Calcium	43-1	47575.72	48381.84	49248.38	48401.98	1.73	ppb
Calcium	44-1	47613.57	47928.70	49563.62	48368.63	2.16	ppb
Chromium	52-2	513.70	496.94	502.86	504.50	1.68	ppb
Cobalt	59-2	497.48	492.24	492.22	493.98	0.61	ppb
Copper	63-2	1008.12	997.65	1006.25	1004.01	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	25215.59	24937.04	24907.07	25019.90	0.68	ppb
Iron	57-2	25047.49	24872.87	24870.99	24930.45	0.41	ppb
Lead	206-1	507.96	505.14	505.68	506.26	0.30	ppb
Lead	207-1	502.29	511.17	500.26	504.57	1.15	ppb
Lead	208-1	503.44	508.04	504.06	505.18	0.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	50990.13	49932.22	50133.01	50351.79	1.12	ppb
Manganese	55-2	1017.40	1010.65	988.06	1005.37	1.53	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:01:49	DataFile Name :	009CAL5_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	500.12	501.96	496.85	499.64	0.52	ppb
Molybdenum	94-1	498.96	501.12	498.38	499.49	0.29	ppb
Molybdenum	95-1	509.26	499.69	495.63	501.53	1.40	ppb
Molybdenum	96-1	498.13	506.74	505.04	503.30	0.91	ppb
Molybdenum	97-1	491.23	494.70	491.13	492.35	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.88	500.55	504.62	505.68	1.14	ppb
Phosphorus	31-2	10039.29	10406.33	10319.23	10254.95	1.87	ppb
Potassium	39-2	24900.55	24556.20	24723.80	24726.85	0.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	488.95	535.22	542.89	522.35	5.59	ppb
Selenium	78-2	457.85	496.14	529.07	494.35	7.21	ppb
Selenium	82-1	500.41	503.85	499.75	501.34	0.44	ppb
Silicon	28-1	508.70	515.71	539.27	521.23	3.07	ppb
Silver	109-1	513.36	518.55	526.86	519.59	1.31	ppb
Silver	107-1	522.51	513.25	523.18	519.64	1.07	ppb
Sodium	23-2	49948.88	48797.05	49275.81	49340.58	1.17	ppb
Strontium	86-1	490.91	497.82	490.96	493.23	0.81	ppb
Strontium	88-1	493.32	502.07	496.24	497.21	0.90	ppb
Sulfur	34-1	9566.60	9555.81	10028.76	9717.06	2.78	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	510.65	512.43	513.54	512.21	0.28	ppb
Thallium	205-1	503.35	506.29	507.74	505.79	0.44	ppb
Tin	118-1	513.12	510.29	519.46	514.29	0.91	ppb
Titanium	47-1	489.96	498.64	503.64	497.41	1.39	ppb
Uranium	238-1	493.69	495.45	494.07	494.40	0.19	ppb
Vanadium	51-2	507.26	495.66	499.25	500.73	1.19	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	1019.72	1008.45	1003.34	1010.50	0.83	ppb
Zirconium	90-1	493.53	501.86	501.12	498.84	0.92	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:01:49	DataFile Name :	009CALS_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.27	503.46	500.10	496.94	1.72	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:05:02	DataFile Name :	010CAL5_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19495.27	19263.46	19267.07	19341.93	0.69	ppb
Antimony	121-1	998.04	985.65	988.62	990.77	0.65	ppb
Arsenic	75-2	992.71	995.31	1006.95	998.32	0.76	ppb
Barium	135-1	4979.78	4949.06	4951.59	4960.14	0.34	ppb
Barium	137-1	5006.52	4950.07	4982.99	4979.86	0.57	ppb
Beryllium	9-1	1015.11	989.19	975.80	993.37	2.01	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	11-1	993.23	993.99	1002.61	996.61	0.52	ppb
Boron	10-1	1001.88	992.26	988.57	994.24	0.69	ppb
Cadmium	106-1	984.25	994.16	990.22	989.54	0.50	ppb
Cadmium	108-1	990.83	979.46	992.34	987.55	0.71	ppb
Cadmium	111-1	992.06	990.97	986.64	989.89	0.29	ppb
Calcium	43-1	98585.98	98209.71	96718.29	97838.00	1.01	ppb
Calcium	44-1	96852.37	96571.24	95271.05	96231.55	0.88	ppb
Chromium	52-2	987.96	1006.15	992.71	995.60	0.95	ppb
Cobalt	59-2	1002.12	1009.08	995.65	1002.28	0.67	ppb
Copper	63-2	1990.03	2031.16	1966.74	1995.97	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	49474.51	50572.42	49789.18	49945.37	1.13	ppb
Iron	57-2	49399.35	50733.86	49330.35	49821.19	1.59	ppb
Lead	206-1	1000.18	991.51	1001.38	997.69	0.54	ppb
Lead	207-1	1013.57	992.49	991.06	999.04	1.26	ppb
Lead	208-1	1005.89	992.80	992.79	997.16	0.76	ppb
Lithium	6-1				106		%
Magnesium	24-2	98180.76	100292.91	99117.71	99197.13	1.07	ppb
Manganese	55-2	1974.54	2017.57	1986.15	1992.76	1.12	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:05:02	DataFile Name :	010CAL5_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	998.70	1002.96	999.06	1000.24	0.24	ppb
Molybdenum	94-1	996.91	1004.75	998.72	1000.13	0.41	ppb
Molybdenum	95-1	996.92	996.97	1007.32	1000.40	0.60	ppb
Molybdenum	96-1	999.57	1003.01	997.21	999.93	0.29	ppb
Molybdenum	97-1	1000.43	1015.17	999.66	1005.09	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.28	1008.26	985.83	994.12	1.24	ppb
Phosphorus	31-2	20081.72	18857.16	20631.37	19856.75	4.57	ppb
Potassium	39-2	48293.12	49406.75	48472.06	48723.98	1.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	984.36	976.35	985.86	982.19	0.52	ppb
Selenium	78-2	984.00	992.48	1036.14	1004.21	2.79	ppb
Selenium	82-1	1000.96	1001.26	990.46	997.56	0.62	ppb
Silicon	28-1	993.47	983.36	964.32	980.38	1.51	ppb
Silver	109-1	983.25	977.19	989.76	983.40	0.64	ppb
Silver	107-1	985.22	979.96	986.06	983.75	0.34	ppb
Sodium	23-2	98493.03	99392.66	96946.08	98277.26	1.26	ppb
Strontium	86-1	1013.93	1004.97	992.50	1003.80	1.07	ppb
Strontium	88-1	1009.37	1001.31	991.32	1000.67	0.90	ppb
Sulfur	34-1	20812.12	20187.25	19647.09	20215.49	2.88	ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	1004.13	990.46	988.04	994.21	0.87	ppb
Thallium	205-1	1007.75	991.96	986.15	995.28	1.12	ppb
Tin	118-1	987.05	985.43	996.22	989.56	0.59	ppb
Titanium	47-1	1010.63	1000.47	991.64	1000.92	0.95	ppb
Uranium	238-1	998.71	1001.86	1009.27	1003.28	0.54	ppb
Vanadium	51-2	988.84	1009.41	996.00	998.08	1.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	1971.75	2020.22	1977.81	1989.93	1.33	ppb
Zirconium	90-1	1011.46	998.94	988.74	999.71	1.14	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:05:02	DataFile Name :	010CALS_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1003.85	1003.26	999.41	1002.17	0.24	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:08:10	DataFile Name :	011CALS_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100851.08	99371.02	100304.40	100175.50	0.75	ppb
Antimony	121-1	2.11	2.14	2.18	2.14	1.43	ppb
Arsenic	75-2	0.43	0.26	0.42	0.37	26.41	ppb
Barium	135-1	1.71	1.71	1.59	1.67	4.20	ppb
Barium	137-1	1.69	1.55	1.47	1.57	7.09	ppb
Beryllium	9-1	0.46	0.40	0.36	0.41	11.81	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	11-1	36.13	32.46	29.92	32.84	9.50	ppb
Boron	10-1	38.45	34.23	29.85	34.18	12.59	ppb
Cadmium	106-1	-0.61	-1.16	-0.27	-0.68		ppb
Cadmium	108-1	0.03	0.32	0.19	0.18	80.73	ppb
Cadmium	111-1	0.13	0.04	0.10	0.09	52.11	ppb
Calcium	43-1	502335.30	494341.62	505237.27	500638.06	1.13	ppb
Calcium	44-1	505101.56	498086.29	499703.83	500963.89	0.73	ppb
Chromium	52-2	6.83	6.79	6.91	6.84	0.91	ppb
Cobalt	59-2	1.24	1.16	1.15	1.18	4.55	ppb
Copper	63-2	3.11	2.88	2.81	2.93	5.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	252105.03	248933.78	248950.98	249996.59	0.73	ppb
Iron	57-2	251649.20	250260.28	248179.20	250029.56	0.70	ppb
Lead	206-1	1.62	1.55	1.66	1.61	3.65	ppb
Lead	207-1	1.55	1.59	1.51	1.55	2.66	ppb
Lead	208-1	1.60	1.57	1.58	1.58	1.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	500789.03	499910.68	499810.70	500170.14	0.11	ppb
Manganese	55-2	6.11	6.77	6.68	6.52	5.46	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:08:10	DataFile Name :	011CAL5_P8091517- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.32	1.28	1.24	1.28	3.11	ppb
Molybdenum	94-1	0.58	0.58	0.62	0.60	3.76	ppb
Molybdenum	95-1	1.31	1.18	1.26	1.25	5.38	ppb
Molybdenum	96-1	1.57	1.56	1.54	1.56	1.07	ppb
Molybdenum	97-1	1.33	1.33	1.43	1.36	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.22	3.11	2.97	3.10	4.02	ppb
Phosphorus	31-2	17.45	0.94	0.99	6.46	147.31	ppb
Potassium	39-2	252206.06	249955.27	248671.75	250277.69	0.71	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-0.64	3.38	0.71	1.15	177.29	ppb
Selenium	82-1	1.32	0.66	0.59	0.86	46.83	ppb
Silicon	28-1	9.61	7.31	6.33	7.75	21.68	ppb
Silver	109-1	0.12	0.10	0.12	0.11	8.41	ppb
Silver	107-1	0.11	0.11	0.11	0.11	1.67	ppb
Sodium	23-2	505205.97	495627.80	500406.95	500413.58	0.96	ppb
Strontium	86-1	34.99	34.42	34.64	34.68	0.82	ppb
Strontium	88-1	35.58	34.86	35.34	35.26	1.05	ppb
Sulfur	34-1	76.56	-394.31	-202.95	-173.56		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.39	0.39	0.35	0.38	6.81	ppb
Thallium	205-1	0.38	0.32	0.34	0.34	8.69	ppb
Tin	118-1	0.74	0.64	0.60	0.66	10.87	ppb
Titanium	47-1	0.53	0.52	0.67	0.57	15.22	ppb
Uranium	238-1	0.09	0.10	0.09	0.09	3.61	ppb
Vanadium	51-2	0.20	0.22	0.23	0.22	6.44	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	6.55	7.08	7.54	7.06	7.06	ppb
Zirconium	90-1	0.26	0.24	0.25	0.25	3.32	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:08:10	DataFile Name :	011CALS_P8091517- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.28	0.26	0.25	12.99	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:27:35	DataFile Name :	013ICV_P8091517- MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	542.80	505.63	505.44	517.96	4.15	ppb
Antimony	121-1	193.75	197.97	197.32	196.35	1.16	ppb
Arsenic	75-2	194.87	190.11	189.36	191.44	1.56	ppb
Barium	135-1	94.62	99.11	97.99	97.24	2.41	ppb
Barium	137-1	95.40	99.04	97.98	97.47	1.92	ppb
Beryllium	9-1	94.99	96.23	95.56	95.59	0.65	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	11-1	578.57	576.64	582.43	579.22	0.51	ppb
Boron	10-1	585.45	584.37	580.89	583.57	0.41	ppb
Cadmium	106-1	151.51	156.84	152.36	153.57	1.86	ppb
Cadmium	108-1	125.06	129.95	131.07	128.69	2.48	ppb
Cadmium	111-1	100.73	103.43	101.91	102.02	1.33	ppb
Calcium	43-1	1996.70	2004.01	2059.01	2019.91	1.69	ppb
Calcium	44-1	1966.97	2010.99	1997.09	1991.69	1.13	ppb
Chromium	52-2	94.46	93.36	92.85	93.56	0.88	ppb
Cobalt	59-2	95.86	94.84	94.49	95.07	0.75	ppb
Copper	63-2	95.51	95.53	93.27	94.77	1.37	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				103		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	946.90	945.81	930.90	941.20	0.95	ppb
Iron	57-2	934.61	936.47	950.53	940.53	0.93	ppb
Lead	206-1	189.95	193.10	189.17	190.74	1.09	ppb
Lead	207-1	181.13	183.74	181.47	182.12	0.78	ppb
Lead	208-1	189.08	191.79	189.08	189.98	0.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	1130.14	1059.95	1091.61	1093.90	3.21	ppb
Manganese	55-2	96.33	96.84	93.85	95.67	1.67	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:27:35	DataFile Name :	013ICV_P8091517- MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	518.79	528.18	517.26	521.41	1.13	ppb
Molybdenum	94-1	517.63	532.40	511.63	520.55	2.05	ppb
Molybdenum	95-1	519.74	529.67	518.22	522.54	1.19	ppb
Molybdenum	96-1	518.62	533.66	522.20	524.83	1.50	ppb
Molybdenum	97-1	511.21	523.64	508.22	514.36	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.40	99.37	95.23	98.00	2.45	ppb
Phosphorus	31-2	17.06	31.77	-15.11	11.24	213.35	ppb
Potassium	39-2	1857.42	1910.66	1867.16	1878.41	1.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	197.20	227.48	218.16	214.28	7.24	ppb
Selenium	78-2	190.98	200.65	188.98	193.54	3.23	ppb
Selenium	82-1	190.97	199.25	191.74	193.99	2.36	ppb
Silicon	28-1	533.93	542.54	534.93	537.13	0.88	ppb
Silver	109-1	99.39	101.02	100.41	100.27	0.82	ppb
Silver	107-1	99.65	102.35	100.99	101.00	1.34	ppb
Sodium	23-2	1860.48	1864.35	1825.48	1850.10	1.16	ppb
Strontium	86-1	510.27	529.74	512.64	517.55	2.05	ppb
Strontium	88-1	515.24	532.04	519.45	522.24	1.67	ppb
Sulfur	34-1	-999.37	-1062.90	-981.55	-1014.60		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	193.70	196.39	194.57	194.89	0.70	ppb
Thallium	205-1	201.48	199.53	199.71	200.24	0.54	ppb
Tin	118-1	538.53	550.89	539.78	543.06	1.25	ppb
Titanium	47-1	520.40	527.83	520.20	522.81	0.83	ppb
Uranium	238-1	540.29	544.69	538.60	541.19	0.58	ppb
Vanadium	51-2	94.23	92.71	93.10	93.35	0.85	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	191.79	196.03	193.93	193.92	1.09	ppb
Zirconium	90-1	515.62	521.74	516.56	517.98	0.64	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:27:35	DataFile Name :	013ICV_P8091517- MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.14	524.21	511.99	516.45	1.31	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 14:31:24 DataFile Name : 014CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.75	-1.53	-0.40	-0.06		ppb
Antimony	121-1	0.09	0.11	0.12	0.11	15.93	ppb
Arsenic	75-2	0.01	-0.06	-0.04	-0.03		ppb
Barium	135-1	0.02	0.00	0.02	0.01	80.36	ppb
Barium	137-1	0.01	0.01	0.01	0.01	13.88	ppb
Beryllium	9-1	0.10	0.15	0.07	0.11	34.11	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	11.95	10.68	10.33	10.99	7.78	ppb
Boron	10-1	13.16	11.54	10.40	11.70	11.85	ppb
Cadmium	106-1	-2.59	-0.69	-1.08	-1.46		ppb
Cadmium	108-1	0.03	0.07	0.06	0.05	35.66	ppb
Cadmium	111-1	-0.17	-0.04	-0.07	-0.09		ppb
Calcium	43-1	-8.01	-14.82	-11.54	-11.46		ppb
Calcium	44-1	8.12	10.82	9.28	9.41	14.35	ppb
Chromium	52-2	-0.12	-0.04	-0.09	-0.08		ppb
Cobalt	59-2	0.00	0.02	0.00	0.01	134.35	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	972.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	0.25	0.10	0.20	0.18	40.89	ppb
Iron	57-2	1.97	-0.39	-2.92	-0.45		ppb
Lead	206-1	0.07	0.05	0.08	0.07	21.59	ppb
Lead	207-1	0.05	0.06	0.03	0.05	31.66	ppb
Lead	208-1	0.06	0.06	0.06	0.06	7.08	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.34	-0.52	-1.74	-0.64		ppb
Manganese	55-2	0.10	0.09	0.04	0.08	40.07	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:31:24	DataFile Name :	014CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.10	0.11	0.10	0.10	6.73	ppb
Molybdenum	94-1	0.07	0.06	0.07	0.07	5.09	ppb
Molybdenum	95-1	0.11	0.10	0.17	0.13	29.07	ppb
Molybdenum	96-1	0.15	0.10	0.10	0.12	24.89	ppb
Molybdenum	97-1	0.15	0.11	0.13	0.13	13.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.27	-0.07	-0.23	-0.19		ppb
Phosphorus	31-2	0.15	-15.11	16.12	0.38	4068.01	ppb
Potassium	39-2	-21.71	-3.68	0.61	-8.26		ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	2.61	-1.48	2.64	1.26	188.53	ppb
Selenium	78-2	0.01	0.02	0.01	0.01	66.55	ppb
Selenium	82-1	1.04	-0.11	0.82	0.59	104.19	ppb
Silicon	28-1	-8.47	-8.63	-9.72	-8.94		ppb
Silver	109-1	0.02	0.02	0.01	0.02	23.42	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.50	ppb
Sodium	23-2	19.49	26.72	12.28	19.50	37.04	ppb
Strontium	86-1	-0.04	0.01	0.12	0.03	290.72	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	1.86	ppb
Sulfur	34-1	-1411.73	-1228.91	-1258.16	-1299.60		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.07	0.06	0.06	7.26	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	24.12	ppb
Tin	118-1	0.28	0.28	0.30	0.29	3.82	ppb
Titanium	47-1	0.09	0.12	0.10	0.10	16.30	ppb
Uranium	238-1	0.05	0.05	0.03	0.04	25.33	ppb
Vanadium	51-2	0.01	-0.02	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.01	0.02	-0.10	-0.02		ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	13.93	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:31:24	DataFile Name :	014CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.07	0.04	55.54	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 14:34:32 DataFile Name : 015ICSA_P8091517- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89045.72	88641.88	87742.86	88476.82	0.75	ppb
Antimony	121-1	1.16	1.19	1.18	1.18	1.44	ppb
Arsenic	75-2	0.28	0.19	0.17	0.22	27.29	ppb
Barium	135-1	1.44	1.51	1.32	1.42	6.53	ppb
Barium	137-1	1.51	1.45	1.58	1.52	4.48	ppb
Beryllium	9-1	0.32	0.32	0.38	0.34	9.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	11-1	9.69	10.15	10.09	9.98	2.49	ppb
Boron	10-1	12.15	11.23	9.67	11.02	11.40	ppb
Cadmium	106-1	-0.52	-0.64	-1.71	-0.96		ppb
Cadmium	108-1	6.47	5.43	5.40	5.77	10.51	ppb
Cadmium	111-1	0.26	0.27	0.12	0.22	37.63	ppb
Calcium	43-1	95265.74	94862.38	96820.97	95649.70	1.08	ppb
Calcium	44-1	94928.88	95148.94	94614.12	94897.31	0.28	ppb
Chromium	52-2	21.94	21.60	22.20	21.91	1.38	ppb
Cobalt	59-2	1.12	1.18	1.15	1.15	2.27	ppb
Copper	63-2	7.64	7.68	7.95	7.76	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	97276.28	97097.90	97411.66	97261.95	0.16	ppb
Iron	57-2	98146.49	97126.17	97724.78	97665.82	0.52	ppb
Lead	206-1	4.71	4.84	4.61	4.72	2.47	ppb
Lead	207-1	3.94	3.87	4.04	3.95	2.16	ppb
Lead	208-1	4.33	4.28	4.26	4.29	0.89	ppb
Lithium	6-1				98		%
Magnesium	24-2	97580.85	97107.17	98085.78	97591.27	0.50	ppb
Manganese	55-2	7.65	7.50	8.02	7.72	3.49	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:34:32	DataFile Name :	015ICSA_P8091517- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1885.60	1870.90	1893.45	1883.31	0.61	ppb
Molybdenum	94-1	586.80	581.34	582.43	583.53	0.49	ppb
Molybdenum	95-1	1883.53	1865.76	1878.29	1875.86	0.49	ppb
Molybdenum	96-1	1591.32	1573.04	1571.74	1578.70	0.69	ppb
Molybdenum	97-1	1895.63	1888.87	1886.19	1890.23	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.42	6.65	6.28	6.45	2.88	ppb
Phosphorus	31-2	97655.75	96712.37	97590.42	97319.51	0.54	ppb
Potassium	39-2	98347.76	97581.12	98394.92	98107.93	0.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	2.01	0.03	1.37	1.14	88.50	ppb
Selenium	82-1	-0.17	0.43	1.38	0.55	141.92	ppb
Silicon	28-1	25.57	25.00	24.37	24.98	2.40	ppb
Silver	109-1	0.15	0.15	0.17	0.16	6.88	ppb
Silver	107-1	0.17	0.15	0.16	0.16	6.65	ppb
Sodium	23-2	95754.60	96295.47	96547.35	96199.14	0.42	ppb
Strontium	86-1	33.16	32.91	32.83	32.97	0.52	ppb
Strontium	88-1	33.33	32.88	33.49	33.23	0.96	ppb
Sulfur	34-1	79085.99	79199.57	78201.85	78829.14	0.69	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.10	0.09	0.09	4.70	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	6.45	ppb
Tin	118-1	0.27	0.24	0.27	0.26	7.49	ppb
Titanium	47-1	1943.03	1938.56	1943.05	1941.55	0.13	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	13.65	ppb
Vanadium	51-2	0.18	0.15	0.10	0.14	29.41	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	10.20	10.75	10.78	10.58	3.12	ppb
Zirconium	90-1	0.08	0.06	0.07	0.07	13.08	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:34:32	DataFile Name :	015ICSA_P8091517- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.05	0.06	19.61	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 14:37:36 DataFile Name : 016ICSB_P8091517- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88708.75	88097.25	87444.61	88083.54	0.72	ppb
Antimony	121-1	20.84	20.39	20.65	20.63	1.10	ppb
Arsenic	75-2	19.48	19.08	20.57	19.71	3.93	ppb
Barium	135-1	22.00	21.04	21.39	21.47	2.26	ppb
Barium	137-1	21.66	21.30	21.61	21.52	0.91	ppb
Beryllium	9-1	21.35	21.38	20.74	21.16	1.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	8.81	7.76	8.51	8.36	6.44	ppb
Boron	10-1	10.83	7.97	8.15	8.98	17.87	ppb
Cadmium	106-1	16.11	16.14	15.54	15.93	2.13	ppb
Cadmium	108-1	23.12	24.28	26.35	24.58	6.66	ppb
Cadmium	111-1	19.62	19.55	19.42	19.53	0.50	ppb
Calcium	43-1	97331.11	94850.53	97360.67	96514.10	1.49	ppb
Calcium	44-1	95583.27	94041.73	97045.16	95556.72	1.57	ppb
Chromium	52-2	40.99	40.26	40.47	40.57	0.92	ppb
Cobalt	59-2	21.06	20.98	20.80	20.95	0.65	ppb
Copper	63-2	27.81	27.92	27.18	27.64	1.44	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				106		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	96902.30	96925.74	95858.80	96562.28	0.63	ppb
Iron	57-2	98397.41	98253.76	97465.25	98038.81	0.51	ppb
Lead	206-1	25.03	24.49	24.94	24.82	1.18	ppb
Lead	207-1	22.84	22.44	22.86	22.71	1.04	ppb
Lead	208-1	23.96	23.46	23.92	23.78	1.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	97064.61	96833.87	95208.17	96368.88	1.05	ppb
Manganese	55-2	28.64	27.37	26.67	27.56	3.62	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:37:36	DataFile Name :	016ICSB_P8091517- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1929.28	1885.61	1908.17	1907.69	1.14	ppb
Molybdenum	94-1	586.14	578.79	582.99	582.64	0.63	ppb
Molybdenum	95-1	1912.03	1867.35	1883.94	1887.77	1.20	ppb
Molybdenum	96-1	1596.16	1557.88	1575.58	1576.54	1.22	ppb
Molybdenum	97-1	1903.83	1869.33	1886.60	1886.59	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.24	25.10	25.26	25.20	0.35	ppb
Phosphorus	31-2	96844.34	97432.15	96940.73	97072.41	0.32	ppb
Potassium	39-2	98661.10	96938.38	96924.17	97507.88	1.02	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	28.25	27.69	2.71	19.55	74.59	ppb
Selenium	78-2	15.34	18.96	21.08	18.46	15.73	ppb
Selenium	82-1	19.43	19.84	19.38	19.55	1.30	ppb
Silicon	28-1	24.07	20.43	26.76	23.75	13.37	ppb
Silver	109-1	19.12	18.99	19.01	19.04	0.35	ppb
Silver	107-1	19.25	18.59	18.93	18.92	1.74	ppb
Sodium	23-2	95328.05	96001.60	94784.29	95371.31	0.64	ppb
Strontium	86-1	33.56	33.04	33.09	33.23	0.86	ppb
Strontium	88-1	34.07	33.14	33.45	33.55	1.40	ppb
Sulfur	34-1	80291.54	76749.96	80009.70	79017.07	2.49	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	20.74	20.24	20.61	20.53	1.27	ppb
Thallium	205-1	20.81	20.40	20.56	20.59	1.01	ppb
Tin	118-1	0.21	0.21	0.20	0.21	4.53	ppb
Titanium	47-1	1947.00	1932.75	1958.57	1946.11	0.66	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.32	ppb
Vanadium	51-2	20.18	19.47	19.45	19.70	2.10	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	31.69	32.16	30.09	31.31	3.46	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	15.29	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:37:36	DataFile Name :	016ICSB_P8091517- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.06	0.05	10.88	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:50:18	DataFile Name :	020CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48508.36	48751.66	49914.01	49058.01	1.53	ppb
Antimony	121-1	493.19	507.49	505.11	501.93	1.53	ppb
Arsenic	75-2	497.48	498.35	503.51	499.78	0.65	ppb
Barium	135-1	2482.64	2561.75	2539.93	2528.11	1.62	ppb
Barium	137-1	2469.70	2522.75	2505.61	2499.35	1.08	ppb
Beryllium	9-1	510.47	505.67	506.83	507.66	0.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	11-1	503.55	522.12	523.35	516.34	2.15	ppb
Boron	10-1	523.61	514.50	530.16	522.76	1.50	ppb
Cadmium	106-1	481.05	502.49	490.51	491.35	2.19	ppb
Cadmium	108-1	478.76	493.62	503.08	491.82	2.49	ppb
Cadmium	111-1	480.39	490.52	491.47	487.46	1.26	ppb
Calcium	43-1	231849.14	238611.66	238392.49	236284.43	1.63	ppb
Calcium	44-1	232387.76	238647.14	239743.10	236926.00	1.67	ppb
Chromium	52-2	504.52	505.96	507.19	505.89	0.26	ppb
Cobalt	59-2	490.70	489.07	485.43	488.40	0.55	ppb
Copper	63-2	982.02	984.65	991.52	986.06	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	120166.78	121503.62	120917.06	120862.49	0.55	ppb
Iron	57-2	121599.62	123949.02	122558.67	122702.44	0.96	ppb
Lead	206-1	515.71	510.84	517.61	514.72	0.68	ppb
Lead	207-1	519.68	517.65	514.73	517.35	0.48	ppb
Lead	208-1	517.48	513.82	517.39	516.23	0.40	ppb
Lithium	6-1				101		%
Magnesium	24-2	242148.64	243090.18	244084.04	243107.62	0.40	ppb
Manganese	55-2	1007.31	1013.68	1013.19	1011.39	0.35	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:50:18	DataFile Name :	020CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	498.27	504.39	512.60	505.09	1.42	ppb
Molybdenum	94-1	498.83	502.32	511.11	504.09	1.26	ppb
Molybdenum	95-1	501.99	499.61	505.69	502.43	0.61	ppb
Molybdenum	96-1	503.82	506.52	511.24	507.19	0.74	ppb
Molybdenum	97-1	488.31	495.88	502.13	495.44	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.74	491.65	494.29	492.56	0.30	ppb
Phosphorus	31-2	9930.33	10227.59	10255.18	10137.70	1.78	ppb
Potassium	39-2	124149.91	123894.61	123929.79	123991.44	0.11	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	479.47	533.61	537.37	516.82	6.27	ppb
Selenium	78-2	491.12	497.74	513.30	500.72	2.27	ppb
Selenium	82-1	491.10	494.90	501.15	495.72	1.02	ppb
Silicon	28-1	520.13	539.41	536.90	532.15	1.97	ppb
Silver	109-1	484.01	500.59	495.49	493.36	1.72	ppb
Silver	107-1	494.84	495.97	500.50	497.10	0.60	ppb
Sodium	23-2	242464.43	244305.49	243772.76	243514.22	0.39	ppb
Strontium	86-1	498.59	503.53	512.31	504.81	1.38	ppb
Strontium	88-1	507.15	512.34	519.96	513.15	1.26	ppb
Sulfur	34-1	8736.95	9418.04	9394.69	9183.23	4.21	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	515.81	514.25	522.00	517.36	0.79	ppb
Thallium	205-1	516.75	510.43	515.34	514.17	0.65	ppb
Tin	118-1	501.11	513.13	510.17	508.14	1.23	ppb
Titanium	47-1	491.10	505.20	506.83	501.05	1.73	ppb
Uranium	238-1	514.09	515.51	524.70	518.10	1.11	ppb
Vanadium	51-2	508.59	509.38	508.45	508.81	0.10	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	983.48	981.97	988.03	984.49	0.32	ppb
Zirconium	90-1	502.07	506.23	519.39	509.23	1.78	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:50:18	DataFile Name :	020CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.40	505.84	509.85	505.36	0.94	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:53:15	DataFile Name :	021CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.57	-1.66	-0.57	-1.27		ppb
Antimony	121-1	0.33	0.34	0.32	0.33	2.83	ppb
Arsenic	75-2	-0.02	-0.04	-0.04	-0.04		ppb
Barium	135-1	0.43	0.02	0.00	0.15	161.56	ppb
Barium	137-1	0.28	0.08	0.00	0.12	119.21	ppb
Beryllium	9-1	0.25	0.30	0.12	0.22	42.30	ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Boron	11-1	17.07	15.86	15.25	16.06	5.74	ppb
Boron	10-1	18.31	17.39	15.30	17.00	9.06	ppb
Cadmium	106-1	-0.79	-0.88	-0.53	-0.73		ppb
Cadmium	108-1	0.25	0.10	-0.04	0.10	139.39	ppb
Cadmium	111-1	0.00	-0.02	-0.02	-0.01		ppb
Calcium	43-1	22.68	-11.62	-10.22	0.28	6965.50	ppb
Calcium	44-1	42.00	19.62	14.70	25.44	57.19	ppb
Chromium	52-2	-0.14	-0.16	-0.17	-0.16		ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	421.04	ppb
Copper	63-2	0.05	-0.01	0.01	0.02	200.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	2.48	1.77	1.43	1.89	28.38	ppb
Iron	57-2	4.14	0.39	2.45	2.33	80.88	ppb
Lead	206-1	0.13	0.10	0.08	0.10	24.00	ppb
Lead	207-1	0.11	0.10	0.06	0.09	31.58	ppb
Lead	208-1	0.12	0.09	0.07	0.09	28.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	-3.53	-2.98	-2.50	-3.00		ppb
Manganese	55-2	0.11	-0.03	0.07	0.05	151.09	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:53:15	DataFile Name :	021CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.19	0.13	0.10	0.14	31.15	ppb
Molybdenum	94-1	0.14	0.10	0.07	0.10	35.45	ppb
Molybdenum	95-1	0.22	0.16	0.11	0.17	33.85	ppb
Molybdenum	96-1	0.26	0.14	0.13	0.18	39.02	ppb
Molybdenum	97-1	0.21	0.15	0.19	0.18	17.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.27	-0.27	-0.24		ppb
Phosphorus	31-2	15.64	14.42	-0.31	9.92	89.51	ppb
Potassium	39-2	26.94	6.35	1.57	11.62	115.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	77-2	2.59	2.56	-1.48	1.22	191.50	ppb
Selenium	78-2	0.00	1.90	-0.64	0.42	312.39	ppb
Selenium	82-1	-0.04	0.29	0.43	0.23	105.51	ppb
Silicon	28-1	-4.85	-4.97	-7.39	-5.74		ppb
Silver	109-1	0.13	0.07	0.05	0.08	52.31	ppb
Silver	107-1	0.11	0.08	0.04	0.08	45.23	ppb
Sodium	23-2	122.21	104.80	97.84	108.29	11.59	ppb
Strontium	86-1	0.07	0.02	0.09	0.06	58.36	ppb
Strontium	88-1	0.06	0.01	0.00	0.03	123.30	ppb
Sulfur	34-1	-785.12	-1089.99	-1263.48	-1046.20		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.19	0.12	0.14	0.15	25.92	ppb
Thallium	205-1	0.18	0.13	0.10	0.14	29.21	ppb
Tin	118-1	0.33	0.22	0.20	0.25	26.78	ppb
Titanium	47-1	0.06	0.06	0.00	0.04	89.67	ppb
Uranium	238-1	0.05	0.01	0.00	0.02	116.52	ppb
Vanadium	51-2	-0.01	0.00	-0.02	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	0.10	0.15	-0.06	0.06	183.72	ppb
Zirconium	90-1	0.12	0.08	0.06	0.09	38.74	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:53:15	DataFile Name :	021CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.06	0.05	0.07	48.93	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:56:24	DataFile Name :	022SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.76	14.91	24.97	21.55	26.67	ppb
Antimony	121-1	1.96	1.99	1.86	1.94	3.48	ppb
Arsenic	75-2	1.05	1.03	0.85	0.98	11.06	ppb
Barium	135-1	9.64	8.66	8.76	9.02	5.99	ppb
Barium	137-1	8.94	8.85	8.82	8.87	0.73	ppb
Beryllium	9-1	1.05	0.96	1.08	1.03	6.48	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	11-1	30.73	31.33	30.75	30.93	1.10	ppb
Boron	10-1	30.54	30.59	31.36	30.83	1.49	ppb
Cadmium	106-1	0.81	-0.41	0.77	0.39	177.24	ppb
Cadmium	108-1	1.08	0.88	1.00	0.99	10.38	ppb
Cadmium	111-1	0.91	0.83	0.94	0.89	6.69	ppb
Calcium	43-1	411.59	406.37	417.97	411.98	1.41	ppb
Calcium	44-1	450.95	442.29	442.69	445.31	1.10	ppb
Chromium	52-2	1.79	1.81	1.87	1.82	2.32	ppb
Cobalt	59-2	0.86	0.84	0.92	0.87	4.70	ppb
Copper	63-2	2.10	1.97	2.03	2.03	3.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	46.61	46.17	45.47	46.08	1.25	ppb
Iron	57-2	46.38	44.75	45.70	45.61	1.79	ppb
Lead	206-1	1.06	1.06	1.05	1.06	0.87	ppb
Lead	207-1	0.98	1.07	0.99	1.01	5.07	ppb
Lead	208-1	1.05	1.06	1.03	1.05	1.13	ppb
Lithium	6-1				103		%
Magnesium	24-2	413.79	414.08	437.37	421.75	3.21	ppb
Manganese	55-2	0.86	1.05	1.16	1.02	14.57	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:56:24	DataFile Name :	022SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.47	4.32	4.36	4.38	1.85	ppb
Molybdenum	94-1	1.91	2.10	1.86	1.96	6.54	ppb
Molybdenum	95-1	4.43	4.54	4.48	4.48	1.20	ppb
Molybdenum	96-1	3.92	3.77	3.88	3.86	1.99	ppb
Molybdenum	97-1	4.76	4.42	4.39	4.52	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.75	0.74	0.78	8.90	ppb
Phosphorus	31-2	-0.05	15.11	0.06	5.04	172.98	ppb
Potassium	39-2	455.16	480.95	478.31	471.48	3.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	6.57	6.63	2.62	5.27	43.62	ppb
Selenium	78-2	8.82	4.44	9.01	7.42	34.79	ppb
Selenium	82-1	4.51	4.95	4.42	4.63	6.15	ppb
Silicon	28-1	1.25	0.09	-1.91	-0.19		ppb
Silver	109-1	1.27	1.28	1.26	1.27	0.88	ppb
Silver	107-1	1.28	1.29	1.26	1.28	1.22	ppb
Sodium	23-2	531.53	502.36	516.29	516.72	2.82	ppb
Strontium	86-1	0.89	0.77	0.95	0.87	10.62	ppb
Strontium	88-1	0.94	0.93	0.93	0.93	0.75	ppb
Sulfur	34-1	-1413.75	-1466.56	-1538.47	-1472.93		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	1.00	0.91	0.96	0.95	4.66	ppb
Thallium	205-1	0.94	0.96	0.96	0.95	1.25	ppb
Tin	118-1	4.70	4.75	4.57	4.67	1.96	ppb
Titanium	47-1	4.26	4.19	4.23	4.23	0.82	ppb
Uranium	238-1	0.88	0.90	0.89	0.89	1.51	ppb
Vanadium	51-2	4.67	4.48	4.65	4.60	2.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	2.17	2.01	1.87	2.02	7.70	ppb
Zirconium	90-1	0.91	0.87	0.88	0.89	1.83	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:56:24	DataFile Name :	022SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.95	0.86	0.92	5.54	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102344BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:17:25	DataFile Name :	023CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.71	1.52	-2.73	-0.98		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	11.24	ppb
Arsenic	75-2	-0.06	-0.04	-0.07	-0.06		ppb
Barium	135-1	0.00	-0.01	0.01	0.00		ppb
Barium	137-1	0.00	0.00	-0.02	0.00		ppb
Beryllium	9-1	0.12	0.07	0.03	0.07	59.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				110		%
Boron	11-1	2.97	3.27	3.03	3.09	5.10	ppb
Boron	10-1	4.67	3.09	2.37	3.38	34.83	ppb
Cadmium	106-1	-1.53	-1.77	-1.98	-1.76		ppb
Cadmium	108-1	0.00	0.00	0.03	0.01	226.66	ppb
Cadmium	111-1	-0.11	-0.12	-0.14	-0.12		ppb
Calcium	43-1	-6.23	-16.17	-12.42	-11.61		ppb
Calcium	44-1	9.61	3.36	4.95	5.97	54.36	ppb
Chromium	52-2	-0.12	-0.08	-0.13	-0.11		ppb
Cobalt	59-2	-0.01	0.00	-0.03	-0.01		ppb
Copper	63-2	-0.03	-0.04	-0.01	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	0.02	0.08	0.13	0.08	64.81	ppb
Iron	57-2	0.26	-1.69	-0.28	-0.57		ppb
Lead	206-1	0.01	0.02	0.02	0.02	42.92	ppb
Lead	207-1	0.01	0.01	0.02	0.01	23.04	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.30	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.37	0.70	0.41	0.25	221.70	ppb
Manganese	55-2	0.02	0.16	0.10	0.09	72.27	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102344BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:17:25	DataFile Name :	023CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.00	0.01	0.00	0.01	68.90	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	19.93	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	66.30	ppb
Molybdenum	97-1	0.02	0.00	0.03	0.02	77.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.34	-0.25	-0.30		ppb
Phosphorus	31-2	-0.72	14.13	44.12	19.18	119.12	ppb
Potassium	39-2	-12.53	-19.04	-12.33	-14.63		ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	77-2	2.36	-1.48	-1.48	-0.20		ppb
Selenium	78-2	0.57	-0.02	1.20	0.58	105.01	ppb
Selenium	82-1	-0.43	0.03	0.54	0.05	1039.69	ppb
Silicon	28-1	-3.11	-9.71	-11.54	-8.12		ppb
Silver	109-1	0.01	0.01	0.02	0.01	52.96	ppb
Silver	107-1	0.01	0.02	0.01	0.01	23.99	ppb
Sodium	23-2	23.90	26.85	22.92	24.55	8.33	ppb
Strontium	86-1	0.03	0.00	-0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	157.14	ppb
Sulfur	34-1	-1091.41	-947.65	-1052.95	-1030.67		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.02	0.03	0.02	74.82	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	36.43	ppb
Tin	118-1	0.01	0.06	0.01	0.03	90.12	ppb
Titanium	47-1	-0.01	-0.01	-0.03	-0.02		ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.02	0.02	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				108		%
Zinc	66-2	-0.01	0.10	0.02	0.04	154.47	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	58.58	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102344BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:17:25	DataFile Name :	023CCBE_P8091517- M:

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

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102344BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:20:32	DataFile Name :	024LCSE_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.89	41.22	31.63	32.25	26.92	ppb
Antimony	121-1	3.87	3.85	4.02	3.91	2.45	ppb
Arsenic	75-2	2.07	1.88	2.19	2.05	7.57	ppb
Barium	135-1	19.17	18.87	18.79	18.94	1.04	ppb
Barium	137-1	18.97	19.25	19.06	19.10	0.75	ppb
Beryllium	9-1	2.30	2.07	2.15	2.17	5.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	46.66	47.96	48.98	47.87	2.44	ppb
Boron	10-1	48.19	47.33	49.40	48.30	2.15	ppb
Cadmium	106-1	1.33	1.41	1.37	1.37	2.78	ppb
Cadmium	108-1	1.40	1.78	2.20	1.80	22.20	ppb
Cadmium	111-1	1.99	1.90	1.93	1.94	2.27	ppb
Calcium	43-1	909.46	885.34	881.60	892.13	1.70	ppb
Calcium	44-1	900.68	913.77	907.82	907.42	0.72	ppb
Chromium	52-2	4.14	3.74	4.38	4.09	7.96	ppb
Cobalt	59-2	1.96	1.87	2.09	1.97	5.65	ppb
Copper	63-2	4.12	3.98	4.24	4.11	3.14	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				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	376.56	369.34	403.50	383.13	4.70	ppb
Iron	57-2	393.69	380.59	405.45	393.24	3.16	ppb
Lead	206-1	2.26	2.24	2.37	2.29	3.19	ppb
Lead	207-1	2.23	2.33	2.22	2.26	2.69	ppb
Lead	208-1	2.27	2.28	2.27	2.27	0.05	ppb
Lithium	6-1				103		%
Magnesium	24-2	918.71	880.78	960.10	919.86	4.31	ppb
Manganese	55-2	2.31	1.89	1.99	2.06	10.64	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : PB102344BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:20:32 DataFile Name : 024LCSE_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	18.14	18.09	18.25	18.16	0.47	ppb
Molybdenum	94-1	6.88	6.80	7.07	6.91	2.01	ppb
Molybdenum	95-1	17.91	17.70	18.24	17.95	1.54	ppb
Molybdenum	96-1	15.51	15.21	15.38	15.37	0.98	ppb
Molybdenum	97-1	18.22	17.73	18.53	18.16	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	1.69	1.90	1.84	6.91	ppb
Phosphorus	31-2	14.12	-15.11	-15.11	-5.37		ppb
Potassium	39-2	915.08	935.57	970.06	940.24	2.96	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	10.34	18.15	19.93	16.14	31.62	ppb
Selenium	78-2	12.32	7.98	12.11	10.80	22.68	ppb
Selenium	82-1	9.98	10.67	10.13	10.26	3.51	ppb
Silicon	28-1	10.95	12.15	11.17	11.42	5.60	ppb
Silver	109-1	2.12	1.99	2.04	2.05	3.24	ppb
Silver	107-1	2.08	1.98	2.07	2.04	2.66	ppb
Sodium	23-2	941.50	922.99	994.31	952.94	3.88	ppb
Strontium	86-1	1.95	1.87	1.99	1.94	3.33	ppb
Strontium	88-1	1.96	1.99	1.98	1.98	0.88	ppb
Sulfur	34-1	-1226.62	-1307.04	-1131.28	-1221.64		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1.89	1.86	1.99	1.91	3.44	ppb
Thallium	205-1	1.93	1.89	1.91	1.91	1.19	ppb
Tin	118-1	9.89	9.60	9.96	9.82	1.93	ppb
Titanium	47-1	9.57	9.08	9.28	9.31	2.66	ppb
Uranium	238-1	1.81	1.81	1.90	1.84	2.57	ppb
Vanadium	51-2	9.61	9.28	9.93	9.61	3.36	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	4.35	3.84	4.15	4.11	6.30	ppb
Zirconium	90-1	1.93	1.89	1.95	1.92	1.44	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102344BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:20:32	DataFile Name :	024LCSE_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.76	1.88	1.85	1.83	3.31	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:23:41	DataFile Name :	025SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.14	5.87	3.51	3.51	67.51	ppb
Antimony	121-1	0.16	0.16	0.18	0.17	7.48	ppb
Arsenic	75-2	0.14	0.10	0.12	0.12	17.02	ppb
Barium	135-1	96.84	95.98	97.84	96.89	0.96	ppb
Barium	137-1	98.17	98.63	97.65	98.15	0.50	ppb
Beryllium	9-1	0.04	0.01	0.04	0.03	58.36	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	11-1	107.73	108.15	111.09	108.99	1.68	ppb
Boron	10-1	113.87	109.21	111.43	111.50	2.09	ppb
Cadmium	106-1	-1.51	-1.02	-0.78	-1.10		ppb
Cadmium	108-1	0.05	-0.01	-0.07	-0.01		ppb
Cadmium	111-1	-0.07	-0.02	-0.02	-0.04		ppb
Calcium	43-1	115323.61	112290.28	114089.72	113901.20	1.34	ppb
Calcium	44-1	113009.57	111828.75	111921.89	112253.40	0.58	ppb
Chromium	52-2	-0.28	-0.17	-0.18	-0.21		ppb
Cobalt	59-2	0.91	1.00	0.98	0.96	5.06	ppb
Copper	63-2	1.87	2.05	1.83	1.91	6.10	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				112		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	2285.58	2412.37	2290.62	2329.52	3.08	ppb
Iron	57-2	2231.92	2339.29	2228.31	2266.51	2.78	ppb
Lead	206-1	0.28	0.27	0.27	0.27	1.86	ppb
Lead	207-1	0.22	0.27	0.26	0.25	9.96	ppb
Lead	208-1	0.27	0.26	0.26	0.26	2.97	ppb
Lithium	6-1				108		%
Magnesium	24-2	21652.01	22626.83	21432.86	21903.90	2.90	ppb
Manganese	55-2	2855.77	2973.21	2847.03	2892.00	2.44	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:23:41	DataFile Name :	025SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.67	0.60	0.62	0.63	5.12	ppb
Molybdenum	94-1	0.29	0.27	0.29	0.28	5.01	ppb
Molybdenum	95-1	0.66	0.64	0.60	0.63	4.28	ppb
Molybdenum	96-1	0.58	0.53	0.58	0.56	5.08	ppb
Molybdenum	97-1	0.68	0.57	0.56	0.60	11.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.54	4.43	4.65	4.54	2.36	ppb
Phosphorus	31-2	25.64	14.41	13.57	17.88	37.69	ppb
Potassium	39-2	2105.90	2206.41	2129.69	2147.33	2.45	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	2.15	-1.48	-1.48	-0.27		ppb
Selenium	78-2	2.21	-0.64	-0.64	0.31	525.51	ppb
Selenium	82-1	0.06	0.42	0.31	0.26	71.13	ppb
Silicon	28-1	5975.78	5877.68	5900.33	5917.93	0.87	ppb
Silver	109-1	0.30	0.33	0.38	0.34	10.71	ppb
Silver	107-1	0.36	0.37	0.36	0.36	1.25	ppb
Sodium	23-2	25004.50	25624.58	24515.35	25048.14	2.22	ppb
Strontium	86-1	317.55	319.37	316.45	317.79	0.46	ppb
Strontium	88-1	325.05	324.33	321.17	323.51	0.64	ppb
Sulfur	34-1	24683.58	23289.53	23912.89	23962.00	2.91	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.06	0.10	0.07	38.60	ppb
Thallium	205-1	0.04	0.05	0.06	0.05	19.16	ppb
Tin	118-1	0.12	0.14	0.08	0.11	28.80	ppb
Titanium	47-1	0.37	0.33	0.29	0.33	12.67	ppb
Uranium	238-1	1.14	1.16	1.18	1.16	1.45	ppb
Vanadium	51-2	0.32	0.27	0.28	0.29	8.73	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	10.40	10.07	9.47	9.98	4.74	ppb
Zirconium	90-1	0.09	0.10	0.10	0.10	4.75	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:23:41	DataFile Name :	025SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.10	0.13	0.11	12.99	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5241-02 Instrumnet Name : P8
 Client Sample ID : MC0AA1D Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:26:46 DataFile Name : 026SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.27	3.26	11.48	8.34	53.21	ppb
Antimony	121-1	0.16	0.16	0.14	0.15	5.41	ppb
Arsenic	75-2	0.21	0.13	0.23	0.19	28.70	ppb
Barium	135-1	97.16	98.32	101.14	98.87	2.07	ppb
Barium	137-1	96.96	97.16	99.82	97.98	1.63	ppb
Beryllium	9-1	0.04	-0.01	0.03	0.02	144.96	ppb
Bismuth	209-1				106		%
Bismuth	209-2				114		%
Boron	11-1	111.21	112.91	110.09	111.40	1.27	ppb
Boron	10-1	111.87	114.75	116.17	114.27	1.92	ppb
Cadmium	106-1	-0.98	-2.39	-2.14	-1.84		ppb
Cadmium	108-1	0.03	0.02	0.00	0.02	109.75	ppb
Cadmium	111-1	-0.06	-0.16	-0.14	-0.12		ppb
Calcium	43-1	114120.09	113045.47	115364.31	114176.62	1.02	ppb
Calcium	44-1	111711.14	112218.35	113443.54	112457.68	0.79	ppb
Chromium	52-2	-0.24	-0.21	-0.20	-0.22		ppb
Cobalt	59-2	0.97	0.94	0.97	0.96	2.16	ppb
Copper	63-2	1.75	1.78	1.77	1.76	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	56-2	2310.93	2329.37	2338.01	2326.10	0.59	ppb
Iron	57-2	2258.18	2327.68	2287.65	2291.17	1.52	ppb
Lead	206-1	0.22	0.25	0.22	0.23	7.13	ppb
Lead	207-1	0.20	0.22	0.21	0.21	6.59	ppb
Lead	208-1	0.21	0.22	0.22	0.22	3.13	ppb
Lithium	6-1				104		%
Magnesium	24-2	21774.52	21838.33	21920.07	21844.31	0.33	ppb
Manganese	55-2	2851.75	2877.00	2890.91	2873.22	0.69	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:26:46	DataFile Name :	026SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.62	0.68	0.63	0.64	5.33	ppb
Molybdenum	94-1	0.28	0.26	0.26	0.27	4.21	ppb
Molybdenum	95-1	0.69	0.69	0.67	0.68	1.45	ppb
Molybdenum	96-1	0.60	0.59	0.55	0.58	4.38	ppb
Molybdenum	97-1	0.61	0.59	0.72	0.64	10.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.79	4.55	4.56	4.63	2.88	ppb
Phosphorus	31-2	40.08	-15.11	-1.14	7.94	361.40	ppb
Potassium	39-2	2121.07	2147.34	2214.84	2161.08	2.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	1.11	1.11	1.70	1.31	26.23	ppb
Selenium	82-1	1.05	0.97	-0.15	0.62	107.78	ppb
Silicon	28-1	5801.61	5880.68	5938.36	5873.55	1.17	ppb
Silver	109-1	0.25	0.28	0.31	0.28	10.43	ppb
Silver	107-1	0.30	0.30	0.32	0.31	2.92	ppb
Sodium	23-2	24534.56	24860.62	25123.21	24839.46	1.19	ppb
Strontium	86-1	317.92	317.52	321.12	318.85	0.62	ppb
Strontium	88-1	323.41	322.98	326.76	324.38	0.64	ppb
Sulfur	34-1	23789.98	23001.13	24045.10	23612.07	2.30	ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	0.01	0.01	0.02	0.01	42.11	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	709.47	ppb
Tin	118-1	0.07	0.05	0.10	0.08	33.14	ppb
Titanium	47-1	0.29	0.32	0.39	0.33	15.61	ppb
Uranium	238-1	1.17	1.18	1.14	1.16	1.90	ppb
Vanadium	51-2	0.24	0.28	0.36	0.29	21.25	ppb
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	9.14	9.22	10.23	9.53	6.37	ppb
Zirconium	90-1	0.09	0.10	0.09	0.09	9.62	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:26:46	DataFile Name :	026SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.11	0.09	19.06	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 15:29:53	DataFile Name :	027SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.59	2.54	-0.61	1.51	121.80	ppb
Antimony	121-1	0.04	0.02	0.03	0.03	30.11	ppb
Arsenic	75-2	0.05	-0.03	0.03	0.02	214.59	ppb
Barium	135-1	19.56	19.28	19.63	19.49	0.97	ppb
Barium	137-1	19.70	19.04	19.21	19.32	1.77	ppb
Beryllium	9-1	0.04	0.02	0.07	0.04	55.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	11-1	26.49	26.41	26.79	26.56	0.77	ppb
Boron	10-1	25.54	29.10	28.09	27.58	6.65	ppb
Cadmium	106-1	-0.85	-1.56	-0.95	-1.12		ppb
Cadmium	108-1	-0.07	-0.04	0.11	0.00		ppb
Cadmium	111-1	-0.06	-0.10	-0.06	-0.07		ppb
Calcium	43-1	22224.08	21684.71	21895.44	21934.74	1.24	ppb
Calcium	44-1	22190.25	21976.11	22099.92	22088.76	0.49	ppb
Chromium	52-2	-0.13	-0.12	-0.12	-0.12		ppb
Cobalt	59-2	0.16	0.16	0.18	0.17	5.56	ppb
Copper	63-2	0.47	0.44	0.48	0.46	4.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	452.67	447.51	449.05	449.74	0.59	ppb
Iron	57-2	446.44	461.54	449.39	452.46	1.77	ppb
Lead	206-1	0.03	0.06	0.04	0.04	31.71	ppb
Lead	207-1	0.02	0.02	0.04	0.03	43.43	ppb
Lead	208-1	0.03	0.04	0.04	0.04	16.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	4290.28	4231.23	4304.68	4275.40	0.91	ppb
Manganese	55-2	570.42	569.99	573.92	571.44	0.38	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 15:29:53	DataFile Name :	027SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.10	0.13	0.11	0.11	16.03	ppb
Molybdenum	94-1	0.05	0.07	0.05	0.06	18.41	ppb
Molybdenum	95-1	0.15	0.11	0.15	0.14	16.03	ppb
Molybdenum	96-1	0.11	0.12	0.11	0.11	2.06	ppb
Molybdenum	97-1	0.13	0.16	0.13	0.14	13.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.65	0.87	0.78	14.96	ppb
Phosphorus	31-2	-15.11	-15.11	14.16	-5.36		ppb
Potassium	39-2	414.36	411.07	443.52	422.98	4.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.59	-0.02	0.58	0.38	92.17	ppb
Selenium	82-1	0.59	0.03	0.36	0.33	84.99	ppb
Silicon	28-1	1167.17	1143.01	1158.46	1156.21	1.06	ppb
Silver	109-1	0.10	0.12	0.09	0.10	17.78	ppb
Silver	107-1	0.10	0.10	0.09	0.10	4.17	ppb
Sodium	23-2	4761.25	4692.54	4793.82	4749.21	1.09	ppb
Strontium	86-1	63.30	63.21	62.52	63.01	0.68	ppb
Strontium	88-1	63.71	63.55	63.78	63.68	0.19	ppb
Sulfur	34-1	4706.13	4382.01	4955.22	4681.12	6.14	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.02	0.04	0.03	0.03	33.21	ppb
Titanium	47-1	-0.01	0.08	0.10	0.06	108.61	ppb
Uranium	238-1	0.23	0.23	0.24	0.23	3.89	ppb
Vanadium	51-2	0.03	0.03	0.05	0.04	26.59	ppb
Yttrium	89-1				101		%
Yttrium	89-2				107		%
Zinc	66-2	1.96	2.09	1.85	1.96	6.01	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	41.41	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 15:29:53	DataFile Name :	027SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.04	0.03	0.02	74.50	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:33:01	DataFile Name :	028SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1898.21	1920.12	1937.79	1918.71	1.03	ppb
Antimony	121-1	110.05	109.17	108.29	109.17	0.81	ppb
Arsenic	75-2	41.85	43.57	40.14	41.85	4.11	ppb
Barium	135-1	2315.43	2294.50	2261.68	2290.54	1.18	ppb
Barium	137-1	2280.81	2253.16	2253.14	2262.37	0.71	ppb
Beryllium	9-1	55.24	54.84	56.57	55.55	1.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	11-1	100.39	107.02	109.53	105.65	4.47	ppb
Boron	10-1	100.89	111.87	108.67	107.15	5.27	ppb
Cadmium	106-1	46.30	47.81	45.77	46.63	2.28	ppb
Cadmium	108-1	51.00	52.02	50.18	51.07	1.81	ppb
Cadmium	111-1	55.08	54.24	54.46	54.59	0.79	ppb
Calcium	43-1	111117.60	111450.76	114060.25	112209.53	1.44	ppb
Calcium	44-1	110082.85	110375.26	110843.32	110433.81	0.35	ppb
Chromium	52-2	218.54	217.16	215.76	217.15	0.64	ppb
Cobalt	59-2	540.45	534.00	535.37	536.61	0.63	ppb
Copper	63-2	270.31	269.14	270.31	269.92	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	3389.83	3364.64	3378.11	3377.53	0.37	ppb
Iron	57-2	3381.30	3226.12	3288.83	3298.75	2.37	ppb
Lead	206-1	21.38	21.67	21.43	21.49	0.71	ppb
Lead	207-1	21.07	21.18	21.09	21.11	0.29	ppb
Lead	208-1	21.26	21.46	21.35	21.35	0.48	ppb
Lithium	6-1				104		%
Magnesium	24-2	21389.58	21246.41	21218.33	21284.77	0.43	ppb
Manganese	55-2	3376.86	3354.77	3357.46	3363.03	0.36	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:33:01	DataFile Name :	028SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.62	0.68	0.68	0.66	5.29	ppb
Molybdenum	94-1	0.22	0.24	0.24	0.24	4.86	ppb
Molybdenum	95-1	0.72	0.70	0.68	0.70	3.19	ppb
Molybdenum	96-1	0.61	0.56	0.57	0.58	4.19	ppb
Molybdenum	97-1	0.69	0.66	0.65	0.67	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.34	547.60	547.58	549.17	0.50	ppb
Phosphorus	31-2	13.43	-0.84	41.72	18.10	119.66	ppb
Potassium	39-2	2159.95	2104.31	2122.91	2129.06	1.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	77-2	119.95	105.84	117.59	114.46	6.60	ppb
Selenium	78-2	105.19	113.46	113.10	110.59	4.22	ppb
Selenium	82-1	109.94	110.28	111.17	110.46	0.58	ppb
Silicon	28-1	5784.91	5744.37	5859.32	5796.20	1.01	ppb
Silver	109-1	51.73	51.11	50.64	51.16	1.07	ppb
Silver	107-1	51.13	50.82	50.81	50.92	0.35	ppb
Sodium	23-2	24390.61	24028.69	24310.54	24243.28	0.78	ppb
Strontium	86-1	311.92	313.28	315.85	313.69	0.64	ppb
Strontium	88-1	318.73	319.62	321.17	319.84	0.38	ppb
Sulfur	34-1	23264.68	22128.91	28386.25	24593.28	13.55	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	53.77	53.72	53.25	53.58	0.53	ppb
Thallium	205-1	54.28	53.83	54.53	54.21	0.65	ppb
Tin	118-1	0.17	0.12	0.15	0.15	15.42	ppb
Titanium	47-1	0.35	0.44	0.40	0.40	11.67	ppb
Uranium	238-1	1.15	1.15	1.15	1.15	0.13	ppb
Vanadium	51-2	543.84	541.89	541.65	542.46	0.22	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	551.15	548.47	553.28	550.96	0.44	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	0.84	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:33:01	DataFile Name :	028SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.06	0.12	0.08	33.20	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:36:37	DataFile Name :	029CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48361.65	48392.36	48148.86	48300.96	0.27	ppb
Antimony	121-1	506.02	505.42	508.46	506.63	0.32	ppb
Arsenic	75-2	499.56	496.06	501.41	499.01	0.54	ppb
Barium	135-1	2576.82	2512.44	2583.61	2557.62	1.54	ppb
Barium	137-1	2531.42	2480.71	2552.79	2521.64	1.47	ppb
Beryllium	9-1	515.00	524.19	511.70	516.96	1.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	514.82	520.76	508.12	514.57	1.23	ppb
Boron	10-1	515.91	512.01	528.95	518.95	1.71	ppb
Cadmium	106-1	487.27	496.02	490.19	491.16	0.91	ppb
Cadmium	108-1	492.31	487.75	495.71	491.92	0.81	ppb
Cadmium	111-1	490.30	487.73	491.61	489.88	0.40	ppb
Calcium	43-1	237524.59	239287.67	238372.88	238395.04	0.37	ppb
Calcium	44-1	236987.41	238356.48	238804.74	238049.54	0.40	ppb
Chromium	52-2	506.43	500.84	501.77	503.01	0.60	ppb
Cobalt	59-2	489.17	484.31	485.84	486.44	0.51	ppb
Copper	63-2	966.31	982.63	974.17	974.37	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				107		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	120026.07	119871.45	120450.93	120116.15	0.25	ppb
Iron	57-2	121413.13	123770.46	122338.30	122507.30	0.97	ppb
Lead	206-1	511.18	508.77	513.22	511.06	0.44	ppb
Lead	207-1	511.58	516.07	515.55	514.40	0.48	ppb
Lead	208-1	511.92	513.87	512.93	512.91	0.19	ppb
Lithium	6-1				99		%
Magnesium	24-2	239838.84	239751.10	240758.01	240115.98	0.23	ppb
Manganese	55-2	999.81	1003.06	1006.76	1003.21	0.35	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:36:37	DataFile Name :	029CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	505.17	508.24	512.34	508.58	0.71	ppb
Molybdenum	94-1	506.86	506.91	515.88	509.88	1.02	ppb
Molybdenum	95-1	501.60	507.64	513.82	507.69	1.20	ppb
Molybdenum	96-1	514.88	512.67	515.61	514.39	0.30	ppb
Molybdenum	97-1	498.85	498.52	495.32	497.56	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.14	488.27	490.11	489.51	0.22	ppb
Phosphorus	31-2	10386.51	10289.77	9084.69	9920.32	7.31	ppb
Potassium	39-2	123358.84	123125.94	122965.74	123150.17	0.16	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	565.06	466.62	483.18	504.95	10.44	ppb
Selenium	78-2	494.75	521.84	504.50	507.03	2.71	ppb
Selenium	82-1	491.93	495.58	493.24	493.58	0.37	ppb
Silicon	28-1	519.32	526.91	525.50	523.91	0.77	ppb
Silver	109-1	504.99	500.14	497.99	501.04	0.72	ppb
Silver	107-1	499.92	498.75	496.45	498.37	0.35	ppb
Sodium	23-2	241299.91	242582.70	243114.51	242332.37	0.38	ppb
Strontium	86-1	506.44	511.75	509.78	509.32	0.53	ppb
Strontium	88-1	511.48	515.51	516.19	514.39	0.49	ppb
Sulfur	34-1	9344.11	9252.29	9281.69	9292.69	0.50	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	515.43	520.84	511.58	515.95	0.90	ppb
Thallium	205-1	507.36	508.06	509.96	508.46	0.26	ppb
Tin	118-1	512.48	510.41	511.41	511.43	0.20	ppb
Titanium	47-1	496.50	502.21	503.79	500.83	0.77	ppb
Uranium	238-1	515.64	518.74	521.60	518.66	0.57	ppb
Vanadium	51-2	507.99	505.69	505.75	506.48	0.26	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	982.63	984.81	977.94	981.80	0.36	ppb
Zirconium	90-1	507.97	508.02	509.10	508.36	0.13	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:36:37	DataFile Name :	029CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.74	503.16	507.23	504.38	0.49	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : CCB028 Instrumnet Name : P8
 Client Sample ID : CCB028 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:41:00 DataFile Name : 030CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	-1.63	-2.74	-1.30		ppb
Antimony	121-1	0.15	0.16	0.15	0.16	4.53	ppb
Arsenic	75-2	-0.01	0.00	-0.03	-0.01		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.11	0.06	0.11	0.09	28.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Boron	11-1	8.92	9.64	8.14	8.90	8.47	ppb
Boron	10-1	9.91	9.76	8.31	9.33	9.46	ppb
Cadmium	106-1	-1.08	-0.53	-1.25	-0.95		ppb
Cadmium	108-1	-0.04	0.13	0.03	0.04	209.12	ppb
Cadmium	111-1	-0.06	-0.04	-0.07	-0.06		ppb
Calcium	43-1	-13.90	-21.67	-28.97	-21.51		ppb
Calcium	44-1	4.64	3.75	2.74	3.71	25.60	ppb
Chromium	52-2	-0.17	-0.04	-0.14	-0.12		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.05	0.03	0.04	31.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	1.18	0.85	0.63	0.89	31.46	ppb
Iron	57-2	-1.33	2.53	0.04	0.41	473.80	ppb
Lead	206-1	0.04	0.02	0.02	0.03	40.13	ppb
Lead	207-1	0.01	0.01	0.01	0.01	25.15	ppb
Lead	208-1	0.02	0.02	0.02	0.02	6.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	-1.90	-3.53	-3.43	-2.95		ppb
Manganese	55-2	0.03	0.14	-0.03	0.05	193.29	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P8
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:41:00	DataFile Name :	030CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.04	0.02	0.03	37.34	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.03	11.56	ppb
Molybdenum	95-1	0.06	0.06	0.03	0.05	27.49	ppb
Molybdenum	96-1	0.03	0.03	0.05	0.04	18.78	ppb
Molybdenum	97-1	0.02	0.04	0.06	0.04	48.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.30	-0.31	-0.37	-0.33		ppb
Phosphorus	31-2	14.29	-0.14	-0.37	4.59	182.88	ppb
Potassium	39-2	-7.06	-3.77	-9.13	-6.65		ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	-1.48	2.49	-1.48	-0.16		ppb
Selenium	78-2	-0.64	1.23	0.62	0.40	235.18	ppb
Selenium	82-1	1.20	0.69	0.56	0.82	41.24	ppb
Silicon	28-1	-11.96	-14.09	-15.94	-13.99		ppb
Silver	109-1	0.05	0.04	0.05	0.05	10.87	ppb
Silver	107-1	0.06	0.06	0.04	0.05	13.77	ppb
Sodium	23-2	34.70	27.03	34.06	31.93	13.31	ppb
Strontium	86-1	0.01	0.02	-0.02	0.00	610.55	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	65.47	ppb
Sulfur	34-1	-1555.65	-1593.63	-1975.86	-1708.38		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.04	0.03	0.03	0.03	19.14	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	56.65	ppb
Tin	118-1	0.10	0.07	0.10	0.09	18.58	ppb
Titanium	47-1	-0.01	0.01	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	0.06	0.20	0.04	0.10	86.01	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	10.52	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P8
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:41:00	DataFile Name :	030CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	36.74	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BL	Instrumnet Name :	P8
Client Sample ID :	PB102336BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:48:45	DataFile Name :	031CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.75	-2.74	1.64	-1.28		ppb
Antimony	121-1	0.04	0.03	0.04	0.04	20.17	ppb
Arsenic	75-2	-0.07	-0.03	-0.01	-0.04		ppb
Barium	135-1	0.00	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.04	-0.02	0.02	0.01	237.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	11-1	4.23	3.90	4.06	4.06	4.09	ppb
Boron	10-1	5.17	4.58	3.86	4.54	14.55	ppb
Cadmium	106-1	-1.18	-0.25	-1.46	-0.96		ppb
Cadmium	108-1	-0.04	0.00	0.00	-0.01		ppb
Cadmium	111-1	-0.08	-0.01	-0.10	-0.07		ppb
Calcium	43-1	-17.08	-17.54	-27.16	-20.59		ppb
Calcium	44-1	5.87	5.28	3.46	4.87	25.83	ppb
Chromium	52-2	-0.16	-0.08	-0.02	-0.09		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.01	0.03	0.01	0.02	74.51	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				105		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	0.12	-0.04	0.36	0.15	138.40	ppb
Iron	57-2	-0.68	0.04	-1.62	-0.75		ppb
Lead	206-1	0.04	0.02	0.02	0.03	34.30	ppb
Lead	207-1	-0.02	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.01	0.01	0.01	77.25	ppb
Lithium	6-1				104		%
Magnesium	24-2	-3.08	-2.76	-1.72	-2.52		ppb
Manganese	55-2	0.09	0.09	0.08	0.09	4.72	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BL	Instrumnet Name :	P8
Client Sample ID :	PB102336BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:48:45	DataFile Name :	031CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.02	0.04	0.03	0.03	34.69	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	66.61	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	58.15	ppb
Molybdenum	97-1	-0.02	0.00	0.02	0.00	7046.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.19	-0.30	-0.25		ppb
Phosphorus	31-2	14.08	-15.11	-15.11	-5.38		ppb
Potassium	39-2	-11.75	-6.38	-15.93	-11.36		ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.60	-0.02	0.61	0.40	90.63	ppb
Selenium	82-1	-0.27	0.15	0.63	0.17	266.16	ppb
Silicon	28-1	-13.33	-11.60	-13.14	-12.69		ppb
Silver	109-1	0.03	0.03	0.02	0.03	13.38	ppb
Silver	107-1	0.04	0.02	0.02	0.02	38.94	ppb
Sodium	23-2	20.62	20.10	15.41	18.71	15.35	ppb
Strontium	86-1	0.03	0.03	0.01	0.02	50.65	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	369.94	ppb
Sulfur	34-1	-1042.57	-1010.51	-1047.43	-1033.50		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.00	0.00	0.00	130.05	ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.03	0.02	0.05	0.03	36.49	ppb
Titanium	47-1	0.02	0.04	0.04	0.03	44.67	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.01	0.00	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	-0.11	-0.13	-0.13	-0.12		ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	5.47	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BL	Instrumnet Name :	P8
Client Sample ID :	PB102336BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:48:45	DataFile Name :	031CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.03	0.03	54.20	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BS	Instrumnet Name :	P8
Client Sample ID :	PB102336BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:51:53	DataFile Name :	032LCS6_P8091517- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10879.84	9404.15	9833.35	10039.11	7.56	ppb
Antimony	121-1	510.27	515.41	516.57	514.08	0.65	ppb
Arsenic	75-2	579.64	510.32	497.86	529.27	8.32	ppb
Barium	135-1	2541.09	2538.36	2566.52	2548.65	0.61	ppb
Barium	137-1	2522.10	2528.72	2526.99	2525.94	0.14	ppb
Beryllium	9-1	514.66	493.56	514.53	507.59	2.39	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	11-1	488.86	484.47	504.58	492.64	2.15	ppb
Boron	10-1	486.94	483.57	505.36	491.96	2.38	ppb
Cadmium	106-1	512.29	501.55	514.94	509.60	1.39	ppb
Cadmium	108-1	509.88	511.28	506.86	509.34	0.44	ppb
Cadmium	111-1	506.83	508.90	506.46	507.40	0.26	ppb
Calcium	43-1	48606.36	48430.01	48381.05	48472.47	0.24	ppb
Calcium	44-1	48740.28	48748.13	48248.53	48578.98	0.59	ppb
Chromium	52-2	598.00	518.57	517.42	544.66	8.48	ppb
Cobalt	59-2	572.45	500.60	500.26	524.43	7.93	ppb
Copper	63-2	1163.26	1026.74	1034.90	1074.97	7.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	28969.40	25522.22	25498.90	26663.51	7.49	ppb
Iron	57-2	28815.50	25361.16	25444.12	26540.26	7.43	ppb
Lead	206-1	503.88	507.88	503.18	504.98	0.50	ppb
Lead	207-1	516.48	506.46	502.35	508.43	1.43	ppb
Lead	208-1	506.79	507.21	500.04	504.68	0.80	ppb
Lithium	6-1				106		%
Magnesium	24-2	58494.90	50743.37	51493.73	53577.33	7.98	ppb
Manganese	55-2	1167.27	1019.91	1022.55	1069.91	7.88	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BS	Instrumnet Name :	P8
Client Sample ID :	PB102336BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:51:53	DataFile Name :	032LCS6_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	505.46	503.17	509.97	506.20	0.68	ppb
Molybdenum	94-1	503.90	511.13	497.62	504.21	1.34	ppb
Molybdenum	95-1	501.60	516.91	504.07	507.53	1.62	ppb
Molybdenum	96-1	510.90	517.78	503.48	510.72	1.40	ppb
Molybdenum	97-1	490.89	496.42	489.82	492.38	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	591.09	518.57	517.39	542.35	7.78	ppb
Phosphorus	31-2	11633.77	9892.76	10302.49	10609.67	8.58	ppb
Potassium	39-2	28812.30	25087.91	25175.38	26358.53	8.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	606.79	479.01	434.44	506.75	17.65	ppb
Selenium	78-2	595.56	481.82	504.66	527.35	11.41	ppb
Selenium	82-1	501.95	506.54	499.83	502.77	0.68	ppb
Silicon	28-1	510.78	511.19	515.82	512.60	0.55	ppb
Silver	109-1	515.80	519.92	516.87	517.53	0.41	ppb
Silver	107-1	519.64	509.94	526.08	518.56	1.57	ppb
Sodium	23-2	56944.89	49370.92	50094.53	52136.78	8.02	ppb
Strontium	86-1	493.96	500.76	490.11	494.94	1.09	ppb
Strontium	88-1	502.24	506.87	494.10	501.07	1.29	ppb
Sulfur	34-1	9222.12	9081.54	8663.89	8989.19	3.23	ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	502.64	512.59	502.12	505.78	1.17	ppb
Thallium	205-1	506.94	504.34	499.09	503.45	0.79	ppb
Tin	118-1	517.55	514.36	518.83	516.91	0.45	ppb
Titanium	47-1	505.47	504.16	505.04	504.89	0.13	ppb
Uranium	238-1	492.76	500.27	493.81	495.61	0.82	ppb
Vanadium	51-2	582.61	511.85	507.75	534.07	7.88	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	1157.64	1010.05	1016.43	1061.37	7.86	ppb
Zirconium	90-1	503.91	508.11	493.92	501.98	1.45	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BS	Instrumnet Name :	P8
Client Sample ID :	PB102336BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:51:53	DataFile Name :	032LCS6_P8091517- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.66	508.82	492.41	500.63	1.64	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : PB102362BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:01:51 DataFile Name : 033CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.63	-0.56	-1.68	-1.29		ppb
Antimony	121-1	0.06	0.08	0.06	0.07	15.93	ppb
Arsenic	75-2	-0.06	-0.01	-0.04	-0.04		ppb
Barium	135-1	0.00	0.00	-0.02	-0.01		ppb
Barium	137-1	0.00	0.02	-0.01	0.00	776.38	ppb
Beryllium	9-1	0.00	0.03	0.03	0.02	74.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				111		%
Boron	11-1	5.03	4.20	4.78	4.67	9.09	ppb
Boron	10-1	6.17	5.27	5.16	5.53	10.01	ppb
Cadmium	106-1	-0.45	-0.49	-1.10	-0.68		ppb
Cadmium	108-1	-0.04	0.03	0.07	0.02	270.84	ppb
Cadmium	111-1	-0.02	-0.03	-0.08	-0.04		ppb
Calcium	43-1	-15.66	-21.06	-7.79	-14.84		ppb
Calcium	44-1	1.45	-1.00	5.77	2.07	165.32	ppb
Chromium	52-2	-0.22	-0.10	-0.23	-0.18		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	-0.02	0.01	-0.04	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	-0.18	0.54	-0.17	0.06	680.09	ppb
Iron	57-2	-0.59	-0.61	1.34	0.05	2247.30	ppb
Lead	206-1	0.03	0.02	0.02	0.02	9.36	ppb
Lead	207-1	0.02	0.02	0.04	0.03	41.78	ppb
Lead	208-1	0.02	0.02	0.02	0.02	22.84	ppb
Lithium	6-1				104		%
Magnesium	24-2	-1.96	0.47	-1.08	-0.86		ppb
Manganese	55-2	-0.03	0.13	-0.03	0.02	431.74	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102362BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:01:51	DataFile Name :	033CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.01	0.00	306.07	ppb
Molybdenum	94-1	0.02	0.00	0.01	0.01	145.84	ppb
Molybdenum	95-1	0.02	0.02	0.04	0.02	57.28	ppb
Molybdenum	96-1	0.02	0.01	-0.01	0.01	168.86	ppb
Molybdenum	97-1	0.03	-0.02	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.34	-0.27	-0.34	-0.32		ppb
Phosphorus	31-2	-15.11	-0.25	-15.11	-10.16		ppb
Potassium	39-2	-0.72	-12.38	-8.08	-7.06		ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	-1.48	2.50	-1.48	-0.15		ppb
Selenium	78-2	2.48	-0.01	-0.64	0.61	269.89	ppb
Selenium	82-1	0.25	-0.70	-0.62	-0.35		ppb
Silicon	28-1	-16.19	-18.24	-13.37	-15.93		ppb
Silver	109-1	0.04	0.02	0.02	0.03	24.34	ppb
Silver	107-1	0.03	0.02	0.02	0.02	16.91	ppb
Sodium	23-2	14.87	15.86	14.89	15.21	3.72	ppb
Strontium	86-1	-0.05	-0.09	-0.02	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	196.40	ppb
Sulfur	34-1	-1693.48	-1833.47	-1137.44	-1554.80		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.02	0.00	262.89	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	71.51	ppb
Tin	118-1	0.01	0.02	0.03	0.02	37.22	ppb
Titanium	47-1	-0.04	0.03	0.00	0.00		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.01	0.01	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	0.04	0.00	0.10	0.05	103.33	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	76.85	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102362BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:01:51	DataFile Name :	033CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.01	0.00	660.52	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : PB102362BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:04:58 DataFile Name : 034LCSE_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.92	38.27	42.88	36.36	21.07	ppb
Antimony	121-1	3.95	3.91	3.99	3.95	1.00	ppb
Arsenic	75-2	2.08	2.13	2.09	2.10	1.22	ppb
Barium	135-1	19.04	19.35	19.42	19.27	1.05	ppb
Barium	137-1	18.41	19.05	19.21	18.89	2.23	ppb
Beryllium	9-1	1.94	2.14	2.19	2.09	6.44	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	11-1	47.58	50.79	48.46	48.94	3.38	ppb
Boron	10-1	48.69	46.81	49.94	48.48	3.26	ppb
Cadmium	106-1	1.69	0.29	0.49	0.83	91.71	ppb
Cadmium	108-1	1.73	1.87	2.36	1.99	16.76	ppb
Cadmium	111-1	1.98	1.79	1.89	1.89	5.02	ppb
Calcium	43-1	943.81	870.15	873.98	895.98	4.63	ppb
Calcium	44-1	933.34	921.02	910.22	921.53	1.26	ppb
Chromium	52-2	3.98	3.80	4.00	3.93	2.80	ppb
Cobalt	59-2	1.98	1.97	1.92	1.96	1.71	ppb
Copper	63-2	4.18	4.05	4.27	4.16	2.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	375.48	384.64	380.43	380.18	1.21	ppb
Iron	57-2	379.14	393.29	374.31	382.25	2.58	ppb
Lead	206-1	2.30	2.13	2.14	2.19	4.57	ppb
Lead	207-1	2.10	2.12	2.13	2.11	0.69	ppb
Lead	208-1	2.22	2.12	2.16	2.17	2.17	ppb
Lithium	6-1				104		%
Magnesium	24-2	942.53	924.04	921.90	929.49	1.22	ppb
Manganese	55-2	2.40	2.16	2.36	2.30	5.58	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102362BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:04:58	DataFile Name :	034LCSE_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	9.19	9.01	9.26	9.15	1.42	ppb
Molybdenum	94-1	3.95	4.30	4.25	4.17	4.48	ppb
Molybdenum	95-1	9.45	9.38	9.16	9.33	1.62	ppb
Molybdenum	96-1	8.12	8.09	8.00	8.07	0.78	ppb
Molybdenum	97-1	9.35	9.32	9.20	9.29	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.59	1.76	1.88	1.74	8.45	ppb
Phosphorus	31-2	-15.11	14.49	-15.11	-5.25		ppb
Potassium	39-2	931.05	959.45	939.14	943.21	1.55	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	6.38	14.25	14.19	11.61	39.00	ppb
Selenium	78-2	6.75	11.08	8.57	8.80	24.69	ppb
Selenium	82-1	9.52	10.06	10.48	10.02	4.78	ppb
Silicon	28-1	5.99	7.49	4.90	6.13	21.19	ppb
Silver	109-1	2.16	2.05	2.05	2.09	2.84	ppb
Silver	107-1	2.15	2.18	2.14	2.16	0.97	ppb
Sodium	23-2	935.40	932.16	942.83	936.80	0.58	ppb
Strontium	86-1	1.95	2.05	2.06	2.02	3.15	ppb
Strontium	88-1	2.03	2.01	2.02	2.02	0.44	ppb
Sulfur	34-1	-1608.66	-1440.94	-1737.02	-1595.54		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	1.91	2.08	1.98	1.99	4.27	ppb
Thallium	205-1	1.92	1.94	1.98	1.95	1.45	ppb
Tin	118-1	9.62	9.70	9.97	9.76	1.88	ppb
Titanium	47-1	8.85	9.42	9.11	9.12	3.15	ppb
Uranium	238-1	1.80	1.85	1.95	1.87	4.07	ppb
Vanadium	51-2	9.80	9.66	10.00	9.82	1.75	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	4.02	4.07	4.23	4.11	2.59	ppb
Zirconium	90-1	1.86	1.90	1.85	1.87	1.41	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102362BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:04:58	DataFile Name :	034LCSE_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.93	1.74	1.86	1.84	5.25	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : PB102363BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:08:06 DataFile Name : 035CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	0.44	-2.73	-0.60		ppb
Antimony	121-1	0.03	0.03	0.03	0.03	4.98	ppb
Arsenic	75-2	-0.04	-0.01	-0.06	-0.04		ppb
Barium	135-1	0.02	0.00	0.01	0.01	175.59	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.06	0.01	0.09	0.05	72.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				111		%
Boron	11-1	4.89	4.87	4.48	4.75	4.80	ppb
Boron	10-1	5.15	5.92	4.76	5.28	11.23	ppb
Cadmium	106-1	-1.76	-1.30	-0.57	-1.21		ppb
Cadmium	108-1	0.03	-0.04	0.00	0.00		ppb
Cadmium	111-1	-0.13	-0.08	-0.03	-0.08		ppb
Calcium	43-1	-21.01	-9.64	-18.22	-16.29		ppb
Calcium	44-1	4.15	2.24	2.24	2.88	38.26	ppb
Chromium	52-2	-0.16	-0.25	-0.16	-0.19		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.00	0.01	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	-0.12	-0.06	0.07	-0.04		ppb
Iron	57-2	1.41	-1.03	-0.60	-0.07		ppb
Lead	206-1	0.04	0.04	0.04	0.04	6.08	ppb
Lead	207-1	0.01	0.02	0.04	0.03	53.40	ppb
Lead	208-1	0.03	0.02	0.03	0.03	18.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	-2.98	-4.20	-2.44	-3.21		ppb
Manganese	55-2	0.05	0.07	0.09	0.07	27.03	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102363BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:08:06	DataFile Name :	035CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.01	0.01	0.01	60.04	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.00	182.75	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	105.04	ppb
Molybdenum	97-1	-0.01	-0.03	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.35	-0.30	-0.25	-0.30		ppb
Phosphorus	31-2	14.42	43.18	14.71	24.10	68.55	ppb
Potassium	39-2	-24.30	-27.16	-10.40	-20.62		ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.60	-0.03	-0.02	0.18	196.19	ppb
Selenium	82-1	-0.47	0.37	-0.63	-0.24		ppb
Silicon	28-1	-16.66	-16.00	-15.00	-15.89		ppb
Silver	109-1	0.02	0.03	0.03	0.03	37.36	ppb
Silver	107-1	0.03	0.02	0.03	0.03	32.39	ppb
Sodium	23-2	8.75	13.98	18.71	13.81	36.05	ppb
Strontium	86-1	-0.04	0.04	0.04	0.01	296.81	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	91.47	ppb
Sulfur	34-1	-1203.14	-1382.06	-1353.83	-1313.01		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00	728.05	ppb
Thallium	205-1	-0.01	0.00	-0.01	0.00		ppb
Tin	118-1	0.03	0.03	0.01	0.02	49.45	ppb
Titanium	47-1	0.01	0.04	0.01	0.02	118.02	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	-0.02	0.00	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	0.06	-0.03	0.00	0.01	381.79	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	84.42	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102363BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:08:06	DataFile Name :	035CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.00	202.01	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102363BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:11:15	DataFile Name :	036LCSE_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.95	27.41	31.65	29.34	7.32	ppb
Antimony	121-1	3.81	3.93	4.03	3.92	2.84	ppb
Arsenic	75-2	1.88	2.48	2.21	2.19	13.61	ppb
Barium	135-1	19.21	18.85	19.19	19.08	1.07	ppb
Barium	137-1	19.06	18.96	18.66	18.89	1.10	ppb
Beryllium	9-1	1.82	1.93	1.99	1.91	4.40	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Boron	11-1	47.27	48.25	48.71	48.08	1.54	ppb
Boron	10-1	48.29	55.33	48.45	50.69	7.93	ppb
Cadmium	106-1	1.95	0.30	0.11	0.79	128.09	ppb
Cadmium	108-1	1.98	1.67	2.04	1.90	10.34	ppb
Cadmium	111-1	1.72	1.85	1.80	1.79	3.57	ppb
Calcium	43-1	899.33	880.66	877.24	885.74	1.34	ppb
Calcium	44-1	902.00	899.77	914.58	905.45	0.88	ppb
Chromium	52-2	3.80	3.79	3.84	3.81	0.66	ppb
Cobalt	59-2	1.95	1.86	2.01	1.94	3.78	ppb
Copper	63-2	4.11	4.22	3.99	4.11	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	384.74	376.26	372.51	377.84	1.66	ppb
Iron	57-2	386.77	367.51	383.14	379.14	2.70	ppb
Lead	206-1	2.11	2.19	2.11	2.14	2.17	ppb
Lead	207-1	2.11	2.12	2.19	2.14	1.83	ppb
Lead	208-1	2.14	2.16	2.12	2.14	0.96	ppb
Lithium	6-1				103		%
Magnesium	24-2	922.10	882.18	909.62	904.64	2.26	ppb
Manganese	55-2	2.51	2.42	2.22	2.38	6.16	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102363BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:11:15	DataFile Name :	036LCSE_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	8.96	9.38	9.24	9.19	2.35	ppb
Molybdenum	94-1	4.07	4.11	4.08	4.09	0.46	ppb
Molybdenum	95-1	9.09	9.32	9.06	9.16	1.57	ppb
Molybdenum	96-1	7.76	8.24	7.91	7.97	3.06	ppb
Molybdenum	97-1	9.07	9.24	9.15	9.15	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	1.74	1.77	1.78	2.66	ppb
Phosphorus	31-2	-0.14	-0.36	-0.38	-0.29		ppb
Potassium	39-2	966.08	939.55	922.52	942.72	2.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	10.41	6.42	6.42	7.75	29.72	ppb
Selenium	78-2	11.79	12.35	8.03	10.72	21.90	ppb
Selenium	82-1	9.97	9.61	9.56	9.71	2.27	ppb
Silicon	28-1	7.55	9.33	7.86	8.25	11.50	ppb
Silver	109-1	1.91	2.03	2.05	2.00	3.74	ppb
Silver	107-1	2.03	2.04	2.10	2.06	1.87	ppb
Sodium	23-2	939.32	927.62	931.99	932.98	0.63	ppb
Strontium	86-1	1.85	1.96	2.01	1.94	4.34	ppb
Strontium	88-1	2.00	1.96	1.96	1.97	1.28	ppb
Sulfur	34-1	-1358.39	-1349.57	-1250.81	-1319.59		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	1.88	1.79	1.96	1.88	4.71	ppb
Thallium	205-1	1.85	1.86	1.89	1.86	1.01	ppb
Tin	118-1	9.47	9.97	9.85	9.76	2.65	ppb
Titanium	47-1	9.45	9.32	9.39	9.39	0.66	ppb
Uranium	238-1	1.83	1.86	1.81	1.83	1.52	ppb
Vanadium	51-2	9.58	9.50	9.09	9.39	2.80	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	4.19	4.10	4.28	4.19	2.18	ppb
Zirconium	90-1	1.92	1.88	1.83	1.87	2.40	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102363BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:11:15	DataFile Name :	036LCSE_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.77	1.75	1.81	1.78	1.51	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:17:19	DataFile Name :	037CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49952.05	49463.15	49736.37	49717.19	0.49	ppb
Antimony	121-1	507.30	501.84	506.26	505.13	0.57	ppb
Arsenic	75-2	501.05	496.45	498.26	498.58	0.46	ppb
Barium	135-1	2560.59	2524.02	2524.78	2536.46	0.82	ppb
Barium	137-1	2537.80	2491.18	2520.76	2516.58	0.94	ppb
Beryllium	9-1	528.54	507.38	521.05	518.99	2.07	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	11-1	513.36	511.85	531.84	519.02	2.14	ppb
Boron	10-1	514.04	515.44	528.85	519.44	1.57	ppb
Cadmium	106-1	491.60	499.92	499.44	496.99	0.94	ppb
Cadmium	108-1	499.46	491.79	503.26	498.17	1.17	ppb
Cadmium	111-1	495.40	489.14	492.45	492.33	0.64	ppb
Calcium	43-1	244462.97	239095.70	239374.22	240977.63	1.25	ppb
Calcium	44-1	242262.11	235604.94	240207.12	239358.06	1.42	ppb
Chromium	52-2	512.11	507.67	510.00	509.93	0.44	ppb
Cobalt	59-2	495.69	488.82	492.17	492.23	0.70	ppb
Copper	63-2	990.75	972.25	985.49	982.83	0.97	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				109		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	122239.05	121068.07	122222.14	121843.09	0.55	ppb
Iron	57-2	123835.06	122572.65	123976.66	123461.46	0.63	ppb
Lead	206-1	518.25	510.86	518.16	515.75	0.82	ppb
Lead	207-1	528.18	517.65	517.62	521.15	1.17	ppb
Lead	208-1	521.14	511.24	516.87	516.42	0.96	ppb
Lithium	6-1				105		%
Magnesium	24-2	247687.46	245582.23	245625.61	246298.43	0.49	ppb
Manganese	55-2	1026.90	1016.39	1017.36	1020.22	0.57	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:17:19	DataFile Name :	037CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	519.78	499.85	507.65	509.10	1.97	ppb
Molybdenum	94-1	513.96	503.61	525.79	514.45	2.16	ppb
Molybdenum	95-1	513.57	500.40	514.46	509.47	1.55	ppb
Molybdenum	96-1	515.29	501.48	520.79	512.52	1.94	ppb
Molybdenum	97-1	502.59	491.26	505.11	499.66	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.86	493.48	492.49	494.61	0.58	ppb
Phosphorus	31-2	10188.48	10481.54	10200.09	10290.03	1.61	ppb
Potassium	39-2	125318.17	124852.45	125529.98	125233.53	0.28	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	663.47	491.19	582.50	579.05	14.88	ppb
Selenium	78-2	517.11	488.45	452.40	485.99	6.67	ppb
Selenium	82-1	508.90	495.06	507.36	503.77	1.51	ppb
Silicon	28-1	538.99	528.36	531.80	533.05	1.02	ppb
Silver	109-1	501.76	499.34	498.45	499.85	0.34	ppb
Silver	107-1	505.76	500.84	502.69	503.10	0.49	ppb
Sodium	23-2	248465.94	245982.45	245121.09	246523.16	0.70	ppb
Strontium	86-1	508.82	508.97	512.63	510.14	0.42	ppb
Strontium	88-1	519.08	512.44	524.63	518.72	1.18	ppb
Sulfur	34-1	9975.99	9298.31	9614.58	9629.63	3.52	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	521.38	516.10	511.84	516.44	0.93	ppb
Thallium	205-1	519.71	510.17	512.32	514.07	0.97	ppb
Tin	118-1	518.32	505.98	511.66	511.99	1.21	ppb
Titanium	47-1	509.18	498.01	503.04	503.41	1.11	ppb
Uranium	238-1	522.23	515.72	519.60	519.18	0.63	ppb
Vanadium	51-2	514.67	512.65	511.19	512.84	0.34	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	990.39	985.87	979.17	985.14	0.57	ppb
Zirconium	90-1	511.31	502.98	512.49	508.93	1.02	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:17:19	DataFile Name :	037CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.99	507.28	518.10	510.45	1.30	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:20:18	DataFile Name :	038CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.41	1.54	0.80	79.91	ppb
Antimony	121-1	0.29	0.26	0.21	0.25	16.44	ppb
Arsenic	75-2	-0.01	-0.03	0.00	-0.01		ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00	72.03	ppb
Beryllium	9-1	0.19	0.07	0.19	0.15	47.58	ppb
Bismuth	209-1				108		%
Bismuth	209-2				112		%
Boron	11-1	12.64	11.29	11.25	11.73	6.74	ppb
Boron	10-1	14.67	12.50	11.45	12.87	12.77	ppb
Cadmium	106-1	-1.78	0.02	-1.69	-1.15		ppb
Cadmium	108-1	-0.01	0.00	-0.04	-0.02		ppb
Cadmium	111-1	-0.12	0.03	-0.09	-0.06		ppb
Calcium	43-1	-13.83	-21.29	-26.72	-20.61		ppb
Calcium	44-1	6.71	7.11	3.94	5.92	29.14	ppb
Chromium	52-2	-0.20	-0.23	-0.10	-0.18		ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	0.04	-0.01	0.00	0.01	310.90	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				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	1.19	0.88	0.89	0.99	17.93	ppb
Iron	57-2	3.03	0.29	0.36	1.23	127.51	ppb
Lead	206-1	0.05	0.06	0.04	0.05	21.69	ppb
Lead	207-1	0.03	0.07	0.04	0.05	40.28	ppb
Lead	208-1	0.05	0.06	0.04	0.05	22.83	ppb
Lithium	6-1				106		%
Magnesium	24-2	-3.73	-5.12	-3.03	-3.96		ppb
Manganese	55-2	0.06	0.02	0.05	0.05	42.73	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:20:18	DataFile Name :	038CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.10	0.07	0.07	0.08	18.08	ppb
Molybdenum	94-1	0.07	0.05	0.06	0.06	18.95	ppb
Molybdenum	95-1	0.10	0.08	0.08	0.09	11.63	ppb
Molybdenum	96-1	0.12	0.08	0.07	0.09	29.44	ppb
Molybdenum	97-1	0.07	0.07	0.10	0.08	24.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.38	-0.38	-0.40		ppb
Phosphorus	31-2	-0.50	-0.63	-0.44	-0.52		ppb
Potassium	39-2	-0.84	-8.03	-4.67	-4.51		ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	-1.48	2.48	-1.48	-0.16		ppb
Selenium	78-2	1.83	-0.64	1.23	0.81	159.22	ppb
Selenium	82-1	-0.86	0.10	-0.15	-0.30		ppb
Silicon	28-1	-14.12	-12.94	-14.42	-13.83		ppb
Silver	109-1	0.05	0.03	0.03	0.04	33.59	ppb
Silver	107-1	0.03	0.06	0.04	0.04	30.80	ppb
Sodium	23-2	51.25	47.74	46.79	48.59	4.84	ppb
Strontium	86-1	0.02	-0.05	-0.06	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	135.96	ppb
Sulfur	34-1	-1632.17	-1544.21	-1669.43	-1615.27		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.08	0.06	0.07	13.39	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	9.39	ppb
Tin	118-1	0.19	0.20	0.18	0.19	4.51	ppb
Titanium	47-1	0.07	-0.02	0.05	0.03	150.17	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	144.41	ppb
Vanadium	51-2	-0.01	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	-0.11	-0.07	-0.07	-0.08		ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	10.29	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:20:18	DataFile Name :	038CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.05	0.04	50.48	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BL	Instrumnet Name :	P8
Client Sample ID :	PB102367BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:23:25	DataFile Name :	039CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.66	0.59	1.60	0.51	220.64	ppb
Antimony	121-1	0.07	0.08	0.08	0.08	5.83	ppb
Arsenic	75-2	-0.07	-0.06	-0.03	-0.05		ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.06	0.12	0.07	0.08	32.80	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Boron	11-1	6.36	6.27	6.60	6.41	2.64	ppb
Boron	10-1	6.65	7.08	7.35	7.02	5.05	ppb
Cadmium	106-1	-1.16	-0.16	-1.11	-0.81		ppb
Cadmium	108-1	0.06	-0.04	0.00	0.01	672.64	ppb
Cadmium	111-1	-0.08	0.01	-0.08	-0.05		ppb
Calcium	43-1	-17.50	-21.84	-7.39	-15.58		ppb
Calcium	44-1	1.58	3.80	3.57	2.98	40.98	ppb
Chromium	52-2	-0.19	-0.11	-0.11	-0.13		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.01	-0.01	-0.02	-0.01		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				106		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	0.55	0.25	0.41	0.40	37.74	ppb
Iron	57-2	0.61	-0.54	-0.95	-0.30		ppb
Lead	206-1	0.03	0.06	0.04	0.04	32.32	ppb
Lead	207-1	0.04	0.03	0.04	0.04	17.05	ppb
Lead	208-1	0.03	0.03	0.03	0.03	4.40	ppb
Lithium	6-1				105		%
Magnesium	24-2	-2.52	-2.08	-2.47	-2.36		ppb
Manganese	55-2	0.04	-0.04	0.02	0.00	938.63	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BL	Instrumnet Name :	P8
Client Sample ID :	PB102367BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:23:25	DataFile Name :	039CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.01	0.03	0.02	52.13	ppb
Molybdenum	94-1	0.01	0.02	0.01	0.01	36.33	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	22.13	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	30.95	ppb
Molybdenum	97-1	0.01	0.03	0.00	0.02	89.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.38	-0.28	-0.35	-0.34		ppb
Phosphorus	31-2	-15.11	-15.11	14.60	-5.21		ppb
Potassium	39-2	-4.92	5.57	7.15	2.60	252.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	-1.48	-1.48	2.49	-0.16		ppb
Selenium	78-2	-0.03	-0.02	-0.64	-0.23		ppb
Selenium	82-1	0.34	0.27	-0.39	0.08	538.35	ppb
Silicon	28-1	-12.48	-12.81	-12.03	-12.44		ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.48	ppb
Silver	107-1	0.03	0.02	0.03	0.02	13.22	ppb
Sodium	23-2	28.07	32.71	30.06	30.28	7.69	ppb
Strontium	86-1	0.04	-0.07	-0.06	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	152.07	ppb
Sulfur	34-1	-1359.36	-1331.47	-1206.10	-1298.98		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.03	0.04	0.04	22.06	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	23.34	ppb
Tin	118-1	0.08	0.03	0.07	0.06	43.01	ppb
Titanium	47-1	0.01	0.04	0.04	0.03	71.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	-0.07	-0.08	0.13	-0.01		ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	43.69	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BL	Instrumnet Name :	P8
Client Sample ID :	PB102367BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:23:25	DataFile Name :	039CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.01	0.02	55.65	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BS	Instrumnet Name :	P8
Client Sample ID :	PB102367BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:26:36	DataFile Name :	040LCS6_P8091517- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9893.04	9922.93	9494.93	9770.30	2.45	ppb
Antimony	121-1	529.58	510.77	515.03	518.46	1.90	ppb
Arsenic	75-2	510.96	507.86	503.73	507.52	0.71	ppb
Barium	135-1	2602.77	2531.68	2541.37	2558.61	1.51	ppb
Barium	137-1	2582.96	2497.18	2515.83	2531.99	1.78	ppb
Beryllium	9-1	529.01	504.09	516.69	516.60	2.41	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	11-1	499.53	485.91	513.89	499.78	2.80	ppb
Boron	10-1	500.06	487.28	520.19	502.51	3.30	ppb
Cadmium	106-1	522.92	493.82	503.90	506.88	2.92	ppb
Cadmium	108-1	518.38	501.99	510.44	510.27	1.61	ppb
Cadmium	111-1	518.46	499.04	506.66	508.05	1.93	ppb
Calcium	43-1	49382.37	48277.82	48933.93	48864.71	1.14	ppb
Calcium	44-1	49834.77	47795.56	49138.33	48922.88	2.12	ppb
Chromium	52-2	517.26	518.76	505.93	513.98	1.36	ppb
Cobalt	59-2	505.88	511.20	494.59	503.89	1.68	ppb
Copper	63-2	1032.89	1032.27	1007.04	1024.07	1.44	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				110		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	25842.34	25950.70	25026.91	25606.65	1.97	ppb
Iron	57-2	25704.79	25850.10	24834.24	25463.04	2.16	ppb
Lead	206-1	517.82	502.35	507.48	509.21	1.55	ppb
Lead	207-1	516.45	506.65	513.26	512.12	0.98	ppb
Lead	208-1	514.33	503.04	510.90	509.42	1.14	ppb
Lithium	6-1				105		%
Magnesium	24-2	52058.26	52158.13	49693.41	51303.27	2.72	ppb
Manganese	55-2	1029.15	1037.82	1008.09	1025.02	1.49	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BS	Instrumnet Name :	P8
Client Sample ID :	PB102367BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:26:36	DataFile Name :	040LCS6_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	522.26	497.15	511.62	510.34	2.47	ppb
Molybdenum	94-1	517.45	493.55	512.39	507.80	2.48	ppb
Molybdenum	95-1	522.69	494.66	509.74	509.03	2.76	ppb
Molybdenum	96-1	524.68	495.93	510.67	510.43	2.82	ppb
Molybdenum	97-1	509.44	485.45	497.14	497.35	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.31	519.88	502.91	512.70	1.71	ppb
Phosphorus	31-2	10740.85	10820.37	10549.69	10703.64	1.30	ppb
Potassium	39-2	25664.59	25361.34	24897.27	25307.73	1.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	455.84	555.87	544.39	518.70	10.55	ppb
Selenium	78-2	480.00	540.40	508.12	509.51	5.93	ppb
Selenium	82-1	523.06	497.94	506.68	509.23	2.50	ppb
Silicon	28-1	534.81	502.89	525.26	520.99	3.15	ppb
Silver	109-1	527.04	504.95	517.40	516.46	2.14	ppb
Silver	107-1	526.58	505.17	511.79	514.51	2.13	ppb
Sodium	23-2	50756.23	51607.93	49239.45	50534.54	2.37	ppb
Strontium	86-1	513.16	483.69	498.44	498.43	2.96	ppb
Strontium	88-1	519.77	492.76	507.91	506.81	2.67	ppb
Sulfur	34-1	9705.34	8869.45	9130.27	9235.02	4.63	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	517.97	506.50	517.05	513.84	1.24	ppb
Thallium	205-1	510.77	500.89	503.00	504.89	1.03	ppb
Tin	118-1	528.63	511.33	512.36	517.44	1.88	ppb
Titanium	47-1	513.13	494.25	508.34	505.24	1.94	ppb
Uranium	238-1	503.76	497.58	500.18	500.51	0.62	ppb
Vanadium	51-2	513.63	514.16	502.17	509.98	1.33	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	1025.00	1021.51	999.44	1015.31	1.36	ppb
Zirconium	90-1	519.51	496.19	506.55	507.42	2.30	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BS	Instrumnet Name :	P8
Client Sample ID :	PB102367BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:26:36	DataFile Name :	040LCS6_P8091517- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	517.67	494.53	505.33	505.84	2.29	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:29:36	DataFile Name :	041SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	966.71	966.32	986.07	973.03	1.16	ppb
Antimony	121-1	4.49	4.60	4.17	4.42	5.09	ppb
Arsenic	75-2	1.47	0.91	1.03	1.13	26.09	ppb
Barium	135-1	7.41	7.86	7.55	7.61	3.05	ppb
Barium	137-1	7.49	7.65	7.17	7.43	3.29	ppb
Beryllium	9-1	0.43	0.50	0.39	0.44	13.36	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	11-1	80.22	79.95	75.39	78.52	3.46	ppb
Boron	10-1	83.62	79.44	76.50	79.85	4.48	ppb
Cadmium	106-1	22946.93	23226.52	22356.90	22843.45	1.94	ppb
Cadmium	108-1	10682.90	10683.36	10143.25	10503.17	2.97	ppb
Cadmium	111-1	1140.33	1160.83	1123.08	1141.41	1.66	ppb
Calcium	43-1	307.62	314.74	302.55	308.30	1.99	ppb
Calcium	44-1	362.63	364.50	351.19	359.44	2.01	ppb
Chromium	52-2	3.38	3.43	3.48	3.43	1.38	ppb
Cobalt	59-2	10.64	10.67	10.64	10.65	0.15	ppb
Copper	63-2	3.38	3.47	3.45	3.43	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				95		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	81.39	80.77	80.88	81.02	0.41	ppb
Iron	57-2	79.86	79.98	77.64	79.16	1.66	ppb
Lead	206-1	6.80	6.95	6.60	6.79	2.59	ppb
Lead	207-1	6.52	6.46	6.24	6.41	2.32	ppb
Lead	208-1	6.73	6.81	6.48	6.67	2.62	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.77	2.33	3.24	2.78	16.39	ppb
Manganese	55-2	65335.09	66212.03	64828.02	65458.38	1.07	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:29:36	DataFile Name :	041SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.18	3.25	3.06	3.16	2.94	ppb
Molybdenum	94-1	112630.83	115854.08	112889.74	113791.55	1.57	ppb
Molybdenum	95-1	6.22	6.81	6.49	6.51	4.57	ppb
Molybdenum	96-1	27252.09	28050.76	27233.47	27512.10	1.70	ppb
Molybdenum	97-1	3.21	3.31	3.28	3.27	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.14	11.36	11.22	11.24	0.97	ppb
Phosphorus	31-2	-15.11	-11.79	-15.11	-14.01		ppb
Potassium	39-2	-42.46	-35.82	-47.84	-42.04		ppb
Rhodium	103-1				88		%
Rhodium	103-2				93		%
Scandium	45-1				119		%
Scandium	45-2				475		%
Selenium	77-2	37.85	16.12	16.17	23.38	53.61	ppb
Selenium	78-2	2.79	2.81	2.82	2.81	0.63	ppb
Selenium	82-1	1.32	0.81	0.27	0.80	65.55	ppb
Silicon	28-1	32813.47	33019.38	33076.96	32969.93	0.42	ppb
Silver	109-1	7.99	7.85	7.59	7.81	2.62	ppb
Silver	107-1	115.48	115.46	108.95	113.30	3.33	ppb
Sodium	23-2	21421.45	21835.57	21672.82	21643.28	0.96	ppb
Strontium	86-1	2.35	2.52	2.35	2.41	4.00	ppb
Strontium	88-1	2.64	2.69	2.60	2.64	1.83	ppb
Sulfur	34-1	-6365.12	-6725.34	-7038.96	-6709.81		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.08	0.06	0.04	0.06	33.99	ppb
Thallium	205-1	0.09	0.05	0.04	0.06	40.20	ppb
Tin	118-1	29.11	30.16	29.43	29.57	1.82	ppb
Titanium	47-1	388.07	387.46	380.61	385.38	1.08	ppb
Uranium	238-1	93.32	99.03	97.79	96.71	3.10	ppb
Vanadium	51-2	0.66	0.67	0.65	0.66	1.62	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	16.70	16.74	17.13	16.85	1.40	ppb
Zirconium	90-1	163400.98	166660.53	163427.42	164496.31	1.14	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:29:36	DataFile Name :	041SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	160779.25	165394.83	160161.40	162111.83	1.76	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01RE	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:32:59	DataFile Name :	042SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	962.93	972.89	989.96	975.26	1.40	ppb
Antimony	121-1	3.65	3.74	3.76	3.72	1.61	ppb
Arsenic	75-2	1.17	0.98	1.34	1.17	15.34	ppb
Barium	135-1	7.21	7.32	7.07	7.20	1.70	ppb
Barium	137-1	7.34	7.22	7.22	7.26	0.94	ppb
Beryllium	9-1	0.36	0.42	0.36	0.38	9.37	ppb
Bismuth	209-1				95		%
Bismuth	209-2				87		%
Boron	11-1	65.13	62.55	63.52	63.73	2.05	ppb
Boron	10-1	68.78	67.69	67.96	68.15	0.83	ppb
Cadmium	106-1	21838.22	21881.12	21799.13	21839.49	0.19	ppb
Cadmium	108-1	9904.65	9833.05	9781.35	9839.68	0.63	ppb
Cadmium	111-1	1096.43	1103.48	1099.95	1099.96	0.32	ppb
Calcium	43-1	325.19	316.31	307.40	316.30	2.81	ppb
Calcium	44-1	362.06	349.29	363.42	358.25	2.18	ppb
Chromium	52-2	3.58	3.39	3.53	3.50	2.73	ppb
Cobalt	59-2	10.87	10.86	11.03	10.92	0.84	ppb
Copper	63-2	3.26	3.29	3.49	3.35	3.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				84		%
Iron	56-2	81.70	81.47	83.07	82.08	1.05	ppb
Iron	57-2	78.35	87.19	82.97	82.84	5.33	ppb
Lead	206-1	6.70	6.66	6.90	6.75	1.88	ppb
Lead	207-1	6.23	6.40	6.36	6.33	1.42	ppb
Lead	208-1	6.55	6.60	6.69	6.61	1.08	ppb
Lithium	6-1				110		%
Magnesium	24-2	3.62	2.65	1.45	2.57	42.34	ppb
Manganese	55-2	66089.24	66157.35	66376.57	66207.72	0.23	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01RE	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:32:59	DataFile Name :	042SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.02	2.99	2.97	2.99	0.94	ppb
Molybdenum	94-1	112147.89	114055.58	112678.41	112960.63	0.87	ppb
Molybdenum	95-1	6.42	6.26	6.18	6.29	1.93	ppb
Molybdenum	96-1	27111.27	27641.25	27145.98	27299.50	1.09	ppb
Molybdenum	97-1	3.01	3.24	3.09	3.11	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.28	11.60	11.66	11.51	1.81	ppb
Phosphorus	31-2	-1.51	-4.73	-15.11	-7.12		ppb
Potassium	39-2	-57.49	-58.93	-51.25	-55.89		ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				116		%
Scandium	45-2				450		%
Selenium	77-2	12.05	16.90	33.44	20.80	53.92	ppb
Selenium	78-2	4.31	5.85	7.96	6.04	30.37	ppb
Selenium	82-1	-0.24	1.15	1.06	0.66	118.16	ppb
Silicon	28-1	32962.22	32690.24	33196.82	32949.76	0.77	ppb
Silver	109-1	6.83	6.80	6.75	6.79	0.61	ppb
Silver	107-1	106.24	106.19	104.97	105.80	0.68	ppb
Sodium	23-2	21978.68	22034.28	22067.47	22026.81	0.20	ppb
Strontium	86-1	2.56	2.58	2.50	2.55	1.74	ppb
Strontium	88-1	2.59	2.59	2.56	2.58	0.69	ppb
Sulfur	34-1	-7299.50	-7506.82	-7590.92	-7465.75		ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	0.02	0.02	0.01	0.02	55.11	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.97	ppb
Tin	118-1	28.05	28.38	28.60	28.34	0.97	ppb
Titanium	47-1	384.89	374.15	377.18	378.74	1.46	ppb
Uranium	238-1	98.36	98.81	98.87	98.68	0.28	ppb
Vanadium	51-2	0.71	0.65	0.75	0.70	6.94	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	17.52	18.00	18.29	17.94	2.16	ppb
Zirconium	90-1	163945.88	164996.35	162199.54	163713.92	0.86	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01RE	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:32:59	DataFile Name :	042SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	160929.47	162976.00	157683.22	160529.56	1.66	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01DLX2	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-15 16:40:37	DataFile Name :	043SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	849.29	835.92	810.81	832.00	2.35	ppb
Antimony	121-1	1.48	1.58	1.59	1.55	3.98	ppb
Arsenic	75-2	0.77	0.55	0.52	0.61	22.56	ppb
Barium	135-1	3.72	3.45	3.49	3.55	4.01	ppb
Barium	137-1	3.70	3.58	3.57	3.62	2.08	ppb
Beryllium	9-1	0.19	0.24	0.23	0.22	12.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				87		%
Boron	11-1	35.99	35.46	36.15	35.87	1.00	ppb
Boron	10-1	37.77	38.80	43.15	39.91	7.17	ppb
Cadmium	106-1	11355.06	11098.54	10891.88	11115.16	2.09	ppb
Cadmium	108-1	5101.53	5026.61	5011.68	5046.61	0.95	ppb
Cadmium	111-1	572.34	557.68	543.08	557.70	2.62	ppb
Calcium	43-1	169.76	185.30	194.69	183.25	6.87	ppb
Calcium	44-1	204.00	201.70	204.27	203.32	0.69	ppb
Chromium	52-2	3.10	2.83	2.91	2.95	4.63	ppb
Cobalt	59-2	9.47	9.24	9.25	9.32	1.43	ppb
Copper	63-2	2.95	2.69	2.71	2.78	5.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				89		%
Indium	115-1				97		%
Indium	115-2				83		%
Iron	56-2	72.77	69.98	70.00	70.92	2.26	ppb
Iron	57-2	73.00	68.84	69.12	70.32	3.31	ppb
Lead	206-1	3.45	3.37	3.45	3.43	1.37	ppb
Lead	207-1	3.27	3.33	3.25	3.28	1.34	ppb
Lead	208-1	3.32	3.33	3.30	3.32	0.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	4.84	2.22	3.10	3.39	39.38	ppb
Manganese	55-2	58435.48	56620.09	55913.95	56989.84	2.28	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01DLX2	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-15 16:40:37	DataFile Name :	043SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.49	1.48	1.48	1.48	0.48	ppb
Molybdenum	94-1	58050.98	57616.93	58265.63	57977.84	0.57	ppb
Molybdenum	95-1	3.21	3.27	3.06	3.18	3.38	ppb
Molybdenum	96-1	13988.89	14066.00	13965.88	14006.92	0.37	ppb
Molybdenum	97-1	1.41	1.68	1.61	1.57	8.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.80	9.64	9.50	9.65	1.56	ppb
Phosphorus	31-2	-2.93	-9.47	-9.40	-7.27		ppb
Potassium	39-2	-44.03	-54.98	-53.34	-50.78		ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				107		%
Scandium	45-2				270		%
Selenium	77-2	9.29	3.14	12.58	8.34	57.51	ppb
Selenium	78-2	0.21	2.99	3.77	2.32	80.68	ppb
Selenium	82-1	-0.21	-0.45	-0.82	-0.50		ppb
Silicon	28-1	19353.91	19304.65	19462.38	19373.65	0.42	ppb
Silver	109-1	3.64	3.51	3.51	3.55	2.10	ppb
Silver	107-1	54.91	53.76	53.85	54.17	1.19	ppb
Sodium	23-2	19288.57	18584.25	18662.06	18844.96	2.05	ppb
Strontium	86-1	1.29	1.33	1.08	1.23	10.90	ppb
Strontium	88-1	1.32	1.35	1.33	1.33	0.86	ppb
Sulfur	34-1	-6966.99	-7009.89	-7067.68	-7014.85		ppb
Terbium	159-1				102		%
Terbium	159-2				88		%
Thallium	203-1	0.01	0.00	-0.01	0.00	493.06	ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	14.21	14.24	14.18	14.21	0.20	ppb
Titanium	47-1	218.93	218.45	214.19	217.19	1.20	ppb
Uranium	238-1	47.63	47.15	47.92	47.57	0.81	ppb
Vanadium	51-2	0.57	0.59	0.52	0.56	6.50	ppb
Yttrium	89-1				95		%
Yttrium	89-2				86		%
Zinc	66-2	14.57	14.66	14.71	14.65	0.47	ppb
Zirconium	90-1	83490.49	83298.64	83883.27	83557.47	0.36	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01DLX2	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-15 16:40:37	DataFile Name :	043SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	82806.05	81712.49	81860.90	82126.48	0.72	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5270-01DL2X100 Instrumnet Name : P8
 Client Sample ID : OXSILAN-981012DL2 Dilution Factor : 100
 Date & Time Acquired :: 2017-09-15 16:43:50 DataFile Name : 044SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.49	62.04	56.16	51.56	25.95	ppb
Antimony	121-1	0.08	0.05	0.04	0.06	37.23	ppb
Arsenic	75-2	-0.02	-0.01	-0.05	-0.03		ppb
Barium	135-1	0.04	0.09	0.14	0.09	50.70	ppb
Barium	137-1	0.08	0.10	0.11	0.10	15.57	ppb
Beryllium	9-1	0.07	0.05	0.03	0.05	38.62	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	11-1	5.63	5.69	5.34	5.56	3.35	ppb
Boron	10-1	6.19	5.88	6.31	6.13	3.68	ppb
Cadmium	106-1	202.76	214.99	198.57	205.44	4.15	ppb
Cadmium	108-1	110.06	111.19	104.94	108.73	3.06	ppb
Cadmium	111-1	9.32	10.23	9.29	9.61	5.57	ppb
Calcium	43-1	-24.94	-5.43	-16.80	-15.72		ppb
Calcium	44-1	6.84	6.34	7.03	6.74	5.36	ppb
Chromium	52-2	0.41	0.32	0.38	0.37	11.99	ppb
Cobalt	59-2	0.52	0.53	0.59	0.55	7.19	ppb
Copper	63-2	0.41	0.42	0.43	0.42	2.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	6.19	6.20	5.93	6.11	2.48	ppb
Iron	57-2	1.30	3.40	3.71	2.80	46.83	ppb
Lead	206-1	0.08	0.11	0.12	0.10	20.82	ppb
Lead	207-1	0.08	0.09	0.08	0.08	11.14	ppb
Lead	208-1	0.08	0.08	0.09	0.08	1.02	ppb
Lithium	6-1				95		%
Magnesium	24-2	-0.75	-1.95	-2.46	-1.72		ppb
Manganese	55-2	3485.22	3453.04	3500.55	3479.60	0.70	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012DL2	Dilution Factor :	100
Date & Time Acquired ::	2017-09-15 16:43:50	DataFile Name :	044SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.06	0.08	0.07	0.07	14.22	ppb
Molybdenum	94-1	1213.14	1252.48	1216.59	1227.40	1.78	ppb
Molybdenum	95-1	0.12	0.16	0.13	0.13	15.00	ppb
Molybdenum	96-1	286.48	294.83	288.12	289.81	1.53	ppb
Molybdenum	97-1	0.09	0.08	0.05	0.07	29.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.66	0.46	0.55	18.75	ppb
Phosphorus	31-2	-15.11	-15.11	-15.11	-15.11		ppb
Potassium	39-2	-46.32	-43.15	-23.27	-37.58		ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.03	0.04	0.70	0.26	149.27	ppb
Selenium	82-1	-0.54	-0.20	-0.57	-0.44		ppb
Silicon	28-1	532.47	535.67	515.43	527.86	2.06	ppb
Silver	109-1	0.14	0.15	0.13	0.14	5.09	ppb
Silver	107-1	1.27	1.18	1.31	1.25	5.21	ppb
Sodium	23-2	1117.18	1102.51	1115.18	1111.63	0.72	ppb
Strontium	86-1	0.09	0.06	0.03	0.06	49.09	ppb
Strontium	88-1	0.03	0.04	0.04	0.04	6.23	ppb
Sulfur	34-1	-6226.97	-6200.02	-6522.01	-6316.33		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.37	0.31	0.33	0.34	9.72	ppb
Titanium	47-1	5.14	5.74	5.94	5.60	7.46	ppb
Uranium	238-1	0.94	0.95	0.96	0.95	0.85	ppb
Vanadium	51-2	0.06	0.04	0.02	0.04	43.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1.82	2.08	1.32	1.74	22.10	ppb
Zirconium	90-1	1784.15	1815.75	1786.28	1795.39	0.98	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012DL2	Dilution Factor :	100
Date & Time Acquired ::	2017-09-15 16:43:50	DataFile Name :	044SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1759.04	1799.45	1746.80	1768.43	1.56	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:46:58	DataFile Name :	045CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47838.09	48106.86	49010.30	48318.42	1.27	ppb
Antimony	121-1	487.77	491.36	488.05	489.06	0.41	ppb
Arsenic	75-2	505.71	508.29	515.36	509.79	0.98	ppb
Barium	135-1	2517.95	2492.77	2470.68	2493.80	0.95	ppb
Barium	137-1	2505.58	2465.06	2467.28	2479.31	0.92	ppb
Beryllium	9-1	511.92	506.79	499.77	506.16	1.21	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	11-1	497.39	496.49	495.07	496.32	0.24	ppb
Boron	10-1	495.93	502.06	494.30	497.43	0.82	ppb
Cadmium	106-1	473.58	470.60	469.70	471.30	0.43	ppb
Cadmium	108-1	470.31	477.97	471.31	473.20	0.88	ppb
Cadmium	111-1	472.63	474.59	467.42	471.55	0.79	ppb
Calcium	43-1	236504.18	238660.33	238830.87	237998.46	0.54	ppb
Calcium	44-1	237440.94	239479.85	238079.54	238333.45	0.44	ppb
Chromium	52-2	510.05	516.52	521.86	516.14	1.15	ppb
Cobalt	59-2	498.47	504.02	511.56	504.68	1.30	ppb
Copper	63-2	1023.25	1018.03	1044.89	1028.72	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	123333.76	124134.49	124688.15	124052.13	0.55	ppb
Iron	57-2	125384.83	124721.37	126945.96	125684.05	0.91	ppb
Lead	206-1	511.12	515.16	507.37	511.22	0.76	ppb
Lead	207-1	518.33	512.83	508.08	513.08	1.00	ppb
Lead	208-1	514.57	515.36	509.19	513.04	0.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	246929.03	249343.01	251960.05	249410.70	1.01	ppb
Manganese	55-2	1008.20	1021.92	1025.12	1018.41	0.88	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:46:58	DataFile Name :	045CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	514.93	516.98	494.02	508.64	2.50	ppb
Molybdenum	94-1	511.55	513.68	505.10	510.11	0.88	ppb
Molybdenum	95-1	513.24	509.22	508.80	510.42	0.48	ppb
Molybdenum	96-1	520.55	510.36	501.11	510.67	1.90	ppb
Molybdenum	97-1	501.81	496.04	486.86	494.90	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.90	511.87	516.45	510.74	1.24	ppb
Phosphorus	31-2	9914.61	9779.06	10107.39	9933.69	1.66	ppb
Potassium	39-2	124141.80	125869.22	126655.57	125555.53	1.02	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	475.56	541.21	478.03	498.27	7.47	ppb
Selenium	78-2	477.45	498.56	494.26	490.09	2.28	ppb
Selenium	82-1	494.97	490.23	481.03	488.75	1.45	ppb
Silicon	28-1	534.81	538.59	550.40	541.27	1.50	ppb
Silver	109-1	490.33	486.20	482.27	486.27	0.83	ppb
Silver	107-1	489.57	487.42	487.57	488.18	0.25	ppb
Sodium	23-2	249410.99	249610.62	256548.28	251856.63	1.61	ppb
Strontium	86-1	510.61	505.47	493.72	503.27	1.72	ppb
Strontium	88-1	520.98	515.34	507.89	514.74	1.27	ppb
Sulfur	34-1	7664.59	7821.16	7952.29	7812.68	1.84	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	515.51	518.79	510.21	514.84	0.84	ppb
Thallium	205-1	514.46	518.99	507.33	513.59	1.14	ppb
Tin	118-1	502.02	500.05	489.77	497.28	1.32	ppb
Titanium	47-1	494.10	506.34	497.33	499.25	1.27	ppb
Uranium	238-1	524.33	523.49	516.79	521.53	0.79	ppb
Vanadium	51-2	512.66	520.80	528.06	520.50	1.48	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	1000.91	998.93	1016.22	1005.35	0.94	ppb
Zirconium	90-1	512.98	509.68	498.80	507.15	1.46	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:46:58	DataFile Name :	045CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.55	511.67	512.40	511.54	0.18	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : CCB030 Instrumnet Name : P8
 Client Sample ID : CCB030 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:50:18 DataFile Name : 046CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	3.19	0.96	1.65	81.73	ppb
Antimony	121-1	0.21	0.24	0.25	0.23	9.23	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	0.00	0.01	0.00		ppb
Barium	137-1	0.01	-0.01	0.00	0.00	663.73	ppb
Beryllium	9-1	0.16	0.18	0.15	0.17	9.83	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	11-1	12.51	11.58	10.91	11.67	6.88	ppb
Boron	10-1	12.46	10.57	10.66	11.23	9.52	ppb
Cadmium	106-1	-0.98	-1.09	-0.12	-0.73		ppb
Cadmium	108-1	0.13	-0.07	-0.04	0.01	1625.29	ppb
Cadmium	111-1	-0.05	-0.06	0.00	-0.03		ppb
Calcium	43-1	-19.59	-7.95	-18.47	-15.34		ppb
Calcium	44-1	0.92	3.57	2.54	2.34	56.93	ppb
Chromium	52-2	-0.19	-0.16	-0.11	-0.15		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.09	0.11	0.12	0.11	12.95	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				107		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	1.26	0.80	1.29	1.12	24.38	ppb
Iron	57-2	3.64	2.30	1.31	2.42	48.42	ppb
Lead	206-1	0.04	0.04	0.05	0.04	14.61	ppb
Lead	207-1	0.03	0.00	0.03	0.02	70.85	ppb
Lead	208-1	0.04	0.03	0.04	0.04	23.13	ppb
Lithium	6-1				98		%
Magnesium	24-2	-5.94	-0.98	-0.50	-2.48		ppb
Manganese	55-2	0.74	0.93	0.85	0.84	11.09	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:50:18	DataFile Name :	046CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.06	0.07	0.07	0.07	9.05	ppb
Molybdenum	94-1	0.10	0.11	0.09	0.10	6.62	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	3.07	ppb
Molybdenum	96-1	0.11	0.05	0.07	0.08	38.09	ppb
Molybdenum	97-1	0.08	0.05	0.10	0.08	34.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.40	-0.35	-0.39	-0.38		ppb
Phosphorus	31-2	-15.11	48.98	1.23	11.70	284.69	ppb
Potassium	39-2	0.41	-14.60	-8.14	-7.44		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-0.64	2.03	0.74	0.71	187.63	ppb
Selenium	82-1	0.07	-0.07	0.45	0.15	181.30	ppb
Silicon	28-1	-9.85	-11.26	-8.54	-9.88		ppb
Silver	109-1	0.08	0.07	0.09	0.08	11.74	ppb
Silver	107-1	0.08	0.08	0.09	0.09	8.47	ppb
Sodium	23-2	71.98	61.78	68.69	67.48	7.71	ppb
Strontium	86-1	-0.04	0.04	0.03	0.01	447.80	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	108.97	ppb
Sulfur	34-1	-2125.23	-2388.30	-2306.68	-2273.40		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.05	0.03	0.04	17.94	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	28.29	ppb
Tin	118-1	0.16	0.20	0.15	0.17	14.54	ppb
Titanium	47-1	0.04	-0.04	0.02	0.01	539.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	251.39	ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.29	0.28	0.31	0.30	6.16	ppb
Zirconium	90-1	0.12	0.12	0.10	0.12	9.16	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:50:18	DataFile Name :	046CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.14	0.09	0.12	24.53	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-01	Instrumnet Name :	P8
Client Sample ID :	MH0CG8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:56:38	DataFile Name :	047SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70.77	73.69	38.96	61.14	31.50	ppb
Antimony	121-1	0.43	0.48	0.45	0.45	5.73	ppb
Arsenic	75-2	0.95	0.91	1.29	1.05	20.42	ppb
Barium	135-1	26.61	30.03	25.84	27.49	8.11	ppb
Barium	137-1	26.34	30.62	25.61	27.52	9.82	ppb
Beryllium	9-1	0.23	0.37	0.26	0.29	26.98	ppb
Bismuth	209-1				108		%
Bismuth	209-2				111		%
Boron	11-1	8.78	9.91	8.60	9.10	7.82	ppb
Boron	10-1	10.03	10.66	11.16	10.62	5.32	ppb
Cadmium	106-1	-0.90	-1.47	-1.66	-1.34		ppb
Cadmium	108-1	0.18	0.32	0.15	0.22	41.86	ppb
Cadmium	111-1	0.12	0.11	0.05	0.10	39.89	ppb
Calcium	43-1	12586.19	14373.66	12414.78	13124.88	8.27	ppb
Calcium	44-1	12829.19	14753.93	12671.19	13418.10	8.64	ppb
Chromium	52-2	-0.21	-0.20	-0.08	-0.17		ppb
Cobalt	59-2	3.76	3.89	3.84	3.83	1.70	ppb
Copper	63-2	2.61	2.38	2.44	2.48	4.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	205.89	209.42	207.12	207.48	0.86	ppb
Iron	57-2	193.73	207.97	221.04	207.58	6.58	ppb
Lead	206-1	0.74	0.77	0.66	0.72	7.99	ppb
Lead	207-1	0.67	0.72	0.60	0.66	9.42	ppb
Lead	208-1	0.70	0.76	0.66	0.71	7.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	2988.63	2930.09	2960.77	2959.83	0.99	ppb
Manganese	55-2	140.64	142.22	139.68	140.85	0.91	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-01	Instrumnet Name :	P8
Client Sample ID :	MH0CG8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:56:38	DataFile Name :	047SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.07	2.58	2.11	2.25	12.61	ppb
Molybdenum	94-1	0.88	1.03	0.94	0.95	8.04	ppb
Molybdenum	95-1	2.04	2.49	1.99	2.17	12.66	ppb
Molybdenum	96-1	1.72	2.05	1.85	1.87	8.82	ppb
Molybdenum	97-1	1.97	2.49	2.25	2.24	11.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.74	1.59	1.52	16.68	ppb
Phosphorus	31-2	-15.11	29.80	-15.11	-0.14		ppb
Potassium	39-2	3496.31	3539.23	3547.42	3527.65	0.78	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	2.54	2.57	6.83	3.98	61.99	ppb
Selenium	78-2	1.26	0.63	2.62	1.50	67.49	ppb
Selenium	82-1	1.11	1.01	1.32	1.15	13.57	ppb
Silicon	28-1	5152.62	5907.32	5085.23	5381.72	8.48	ppb
Silver	109-1	0.32	0.39	0.30	0.34	14.65	ppb
Silver	107-1	0.35	0.35	0.30	0.33	8.46	ppb
Sodium	23-2	7513.35	7494.10	7590.66	7532.70	0.68	ppb
Strontium	86-1	99.10	115.74	99.31	104.71	9.12	ppb
Strontium	88-1	103.07	120.54	105.22	109.61	8.69	ppb
Sulfur	34-1	10855.91	14455.68	10798.43	12036.67	17.41	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.09	0.06	0.08	16.35	ppb
Thallium	205-1	0.06	0.07	0.05	0.06	14.54	ppb
Tin	118-1	0.14	0.25	0.15	0.18	31.85	ppb
Titanium	47-1	0.29	0.73	0.29	0.43	59.04	ppb
Uranium	238-1	0.40	0.46	0.39	0.42	9.37	ppb
Vanadium	51-2	0.08	0.03	0.08	0.06	44.93	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	54.84	54.44	56.58	55.29	2.06	ppb
Zirconium	90-1	0.38	0.43	0.38	0.40	8.48	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-01	Instrumnet Name :	P8
Client Sample ID :	MH0CG8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:56:38	DataFile Name :	047SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.41	0.34	0.34	18.69	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-02	Instrumnet Name :	P8
Client Sample ID :	MH0CG9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:59:45	DataFile Name :	048SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103.49	115.39	154.57	124.48	21.47	ppb
Antimony	121-1	0.28	0.30	0.30	0.29	4.30	ppb
Arsenic	75-2	1.82	2.17	2.28	2.09	11.54	ppb
Barium	135-1	20.44	21.33	20.96	20.91	2.13	ppb
Barium	137-1	20.48	20.83	21.29	20.87	1.94	ppb
Beryllium	9-1	0.16	0.15	0.18	0.16	10.08	ppb
Bismuth	209-1				117		%
Bismuth	209-2				114		%
Boron	11-1	6.95	7.09	7.79	7.28	6.16	ppb
Boron	10-1	7.08	8.78	7.68	7.85	11.01	ppb
Cadmium	106-1	-1.69	-1.14	-2.08	-1.64		ppb
Cadmium	108-1	0.11	0.11	0.08	0.10	16.43	ppb
Cadmium	111-1	-0.04	-0.01	-0.07	-0.04		ppb
Calcium	43-1	15329.03	15059.88	15236.18	15208.36	0.90	ppb
Calcium	44-1	15538.81	15493.15	15430.80	15487.59	0.35	ppb
Chromium	52-2	-0.18	-0.13	-0.08	-0.13		ppb
Cobalt	59-2	0.91	0.99	0.95	0.95	3.75	ppb
Copper	63-2	1.98	1.85	1.94	1.92	3.30	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				115		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	617.97	601.73	612.21	610.64	1.35	ppb
Iron	57-2	624.15	616.81	611.17	617.38	1.05	ppb
Lead	206-1	0.52	0.52	0.67	0.57	15.69	ppb
Lead	207-1	0.51	1.25	0.64	0.80	49.40	ppb
Lead	208-1	0.51	0.69	0.59	0.60	14.63	ppb
Lithium	6-1				107		%
Magnesium	24-2	2855.82	2834.74	2849.10	2846.55	0.38	ppb
Manganese	55-2	346.99	347.65	347.98	347.54	0.14	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-02	Instrumnet Name :	P8
Client Sample ID :	MH0CG9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:59:45	DataFile Name :	048SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.08	0.10	0.06	0.08	22.04	ppb
Molybdenum	94-1	0.25	0.24	0.27	0.25	4.52	ppb
Molybdenum	95-1	0.09	0.10	0.09	0.09	10.08	ppb
Molybdenum	96-1	0.14	0.13	0.12	0.13	7.34	ppb
Molybdenum	97-1	0.09	0.08	0.10	0.09	8.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.67	0.81	0.79	14.35	ppb
Phosphorus	31-2	0.05	29.46	-15.11	4.80	472.26	ppb
Potassium	39-2	3516.33	3419.58	3503.54	3479.82	1.51	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	10.46	-1.48	2.53	3.83	158.41	ppb
Selenium	78-2	1.86	0.63	-0.01	0.83	114.87	ppb
Selenium	82-1	-0.45	-0.08	0.38	-0.05		ppb
Silicon	28-1	2365.33	2370.58	2391.25	2375.72	0.58	ppb
Silver	109-1	0.14	0.15	0.16	0.15	7.43	ppb
Silver	107-1	0.18	0.14	0.18	0.17	12.82	ppb
Sodium	23-2	1819.22	1741.62	1747.04	1769.29	2.45	ppb
Strontium	86-1	63.88	63.72	64.69	64.10	0.81	ppb
Strontium	88-1	65.14	65.73	65.83	65.57	0.57	ppb
Sulfur	34-1	9498.74	9485.51	9445.61	9476.62	0.29	ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.01	0.01	49.50	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	1549.34	ppb
Tin	118-1	0.15	0.15	0.14	0.14	4.87	ppb
Titanium	47-1	0.77	0.92	0.92	0.87	9.92	ppb
Uranium	238-1	0.20	0.23	0.21	0.21	5.10	ppb
Vanadium	51-2	0.10	0.05	0.09	0.08	29.34	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	30.33	30.47	27.68	29.49	5.34	ppb
Zirconium	90-1	0.35	0.33	0.37	0.35	5.71	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-02	Instrumnet Name :	P8
Client Sample ID :	MH0CG9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:59:45	DataFile Name :	048SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.38	0.33	0.34	10.40	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-03 Instrumnet Name : P8
 Client Sample ID : MH0CH1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:02:52 DataFile Name : 049SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	302.56	257.61	275.61	278.60	8.12	ppb
Antimony	121-1	0.18	0.20	0.21	0.19	7.38	ppb
Arsenic	75-2	0.65	0.47	0.76	0.63	23.19	ppb
Barium	135-1	62.32	63.19	62.03	62.51	0.96	ppb
Barium	137-1	63.04	62.77	62.30	62.70	0.60	ppb
Beryllium	9-1	0.61	0.64	0.64	0.63	3.05	ppb
Bismuth	209-1				118		%
Bismuth	209-2				116		%
Boron	11-1	7.68	7.62	7.50	7.60	1.17	ppb
Boron	10-1	7.69	9.76	9.58	9.01	12.73	ppb
Cadmium	106-1	-1.92	-1.67	-1.34	-1.64		ppb
Cadmium	108-1	0.17	0.11	0.08	0.12	38.32	ppb
Cadmium	111-1	-0.07	-0.03	-0.03	-0.04		ppb
Calcium	43-1	11303.90	11257.27	11298.93	11286.70	0.23	ppb
Calcium	44-1	11511.98	11531.82	11587.38	11543.72	0.34	ppb
Chromium	52-2	-0.21	-0.12	-0.17	-0.17		ppb
Cobalt	59-2	0.99	1.16	0.94	1.03	11.21	ppb
Copper	63-2	3.02	3.15	3.13	3.10	2.29	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				116		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	4473.62	4563.11	4479.29	4505.34	1.11	ppb
Iron	57-2	4359.80	4407.38	4340.04	4369.07	0.79	ppb
Lead	206-1	1.67	1.71	1.71	1.70	1.38	ppb
Lead	207-1	1.63	1.64	1.52	1.60	4.34	ppb
Lead	208-1	1.67	1.67	1.64	1.66	0.94	ppb
Lithium	6-1				107		%
Magnesium	24-2	2796.91	2841.08	2799.65	2812.55	0.88	ppb
Manganese	55-2	338.99	346.01	343.07	342.69	1.03	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-03	Instrumnet Name :	P8
Client Sample ID :	MH0CH1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:02:52	DataFile Name :	049SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.01	0.00	257.90	ppb
Molybdenum	94-1	0.13	0.16	0.18	0.16	16.82	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	45.56	ppb
Molybdenum	96-1	0.06	0.06	0.06	0.06	1.96	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.69	0.62	0.70	11.79	ppb
Phosphorus	31-2	-0.48	-15.11	44.08	9.49	324.76	ppb
Potassium	39-2	5734.78	5811.75	5814.02	5786.85	0.78	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	37.59	-1.48	6.41	14.17	145.75	ppb
Selenium	78-2	1.81	4.30	1.22	2.44	66.80	ppb
Selenium	82-1	0.50	-0.05	0.62	0.35	100.65	ppb
Silicon	28-1	5749.87	5756.48	5833.14	5779.83	0.80	ppb
Silver	109-1	0.13	0.12	0.15	0.13	10.55	ppb
Silver	107-1	0.12	0.13	0.13	0.13	5.97	ppb
Sodium	23-2	1668.34	1662.11	1644.50	1658.32	0.75	ppb
Strontium	86-1	85.71	84.37	84.01	84.70	1.06	ppb
Strontium	88-1	88.59	89.59	89.48	89.22	0.62	ppb
Sulfur	34-1	15108.07	15451.55	15647.59	15402.40	1.77	ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.09	0.07	0.07	13.24	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	11.40	ppb
Tin	118-1	0.19	0.22	0.21	0.21	6.63	ppb
Titanium	47-1	0.12	0.10	0.15	0.12	20.00	ppb
Uranium	238-1	0.42	0.44	0.41	0.42	3.18	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	15.30	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	79.13	79.67	80.04	79.62	0.57	ppb
Zirconium	90-1	0.22	0.20	0.23	0.22	6.38	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-03	Instrumnet Name :	P8
Client Sample ID :	MH0CH1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:02:52	DataFile Name :	049SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.21	0.26	0.23	13.30	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-04 Instrumnet Name : P8
 Client Sample ID : MH0CH5 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:05:58 DataFile Name : 050SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1021.17	939.45	991.50	984.04	4.20	ppb
Antimony	121-1	0.18	0.21	0.19	0.20	8.61	ppb
Arsenic	75-2	1.09	0.96	0.83	0.96	13.50	ppb
Barium	135-1	61.76	61.45	61.59	61.60	0.25	ppb
Barium	137-1	62.66	61.94	61.99	62.20	0.65	ppb
Beryllium	9-1	0.70	0.64	0.75	0.70	7.68	ppb
Bismuth	209-1				118		%
Bismuth	209-2				113		%
Boron	11-1	6.27	6.15	5.99	6.14	2.32	ppb
Boron	10-1	7.10	7.03	5.99	6.71	9.25	ppb
Cadmium	106-1	-1.53	-0.71	-1.14	-1.13		ppb
Cadmium	108-1	0.49	0.27	0.45	0.40	29.68	ppb
Cadmium	111-1	0.19	0.25	0.24	0.23	14.23	ppb
Calcium	43-1	9217.04	9391.17	9201.75	9269.99	1.14	ppb
Calcium	44-1	9456.78	9540.96	9494.74	9497.50	0.44	ppb
Chromium	52-2	-0.19	-0.17	-0.21	-0.19		ppb
Cobalt	59-2	0.90	0.86	0.86	0.87	3.10	ppb
Copper	63-2	2.50	2.55	2.49	2.51	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	56-2	959.10	905.45	892.59	919.05	3.84	ppb
Iron	57-2	1007.24	936.37	908.77	950.80	5.34	ppb
Lead	206-1	6.70	6.69	6.71	6.70	0.15	ppb
Lead	207-1	6.26	6.31	6.30	6.29	0.37	ppb
Lead	208-1	6.56	6.49	6.60	6.55	0.87	ppb
Lithium	6-1				107		%
Magnesium	24-2	2436.79	2246.66	2228.43	2303.96	5.01	ppb
Manganese	55-2	188.79	175.97	173.78	179.51	4.52	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-04	Instrumnet Name :	P8
Client Sample ID :	MH0CH5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:05:58	DataFile Name :	050SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.12	0.11	0.10	0.11	10.56	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	42.29	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.03	28.97	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	49.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.46	1.28	1.36	1.37	6.60	ppb
Phosphorus	31-2	0.58	-0.19	-15.11	-4.91		ppb
Potassium	39-2	5077.13	4872.24	4847.00	4932.12	2.56	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	55.06	37.58	37.08	43.24	23.69	ppb
Selenium	78-2	7.59	4.26	2.99	4.95	48.03	ppb
Selenium	82-1	0.94	0.05	0.37	0.46	98.69	ppb
Silicon	28-1	8981.73	9059.13	9074.77	9038.54	0.55	ppb
Silver	109-1	0.10	0.11	0.12	0.11	8.60	ppb
Silver	107-1	0.12	0.13	0.13	0.13	2.43	ppb
Sodium	23-2	1884.37	1766.35	1755.98	1802.23	3.96	ppb
Strontium	86-1	70.23	68.70	69.74	69.56	1.13	ppb
Strontium	88-1	72.69	72.40	73.32	72.80	0.65	ppb
Sulfur	34-1	11270.45	11351.89	11269.55	11297.30	0.42	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.25	0.24	0.22	0.24	4.73	ppb
Thallium	205-1	0.22	0.22	0.21	0.22	2.14	ppb
Tin	118-1	0.13	0.10	0.13	0.12	11.30	ppb
Titanium	47-1	0.34	0.34	0.30	0.33	6.54	ppb
Uranium	238-1	1.79	1.84	1.87	1.83	2.17	ppb
Vanadium	51-2	0.06	0.05	0.02	0.04	38.38	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	185.65	177.83	169.43	177.64	4.57	ppb
Zirconium	90-1	0.16	0.15	0.18	0.17	8.95	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-04	Instrumnet Name :	P8
Client Sample ID :	MH0CH5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:05:58	DataFile Name :	050SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.17	0.12	0.16	21.95	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-05	Instrumnet Name :	P8
Client Sample ID :	MH0CH6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:09:06	DataFile Name :	051SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	917.97	957.83	964.38	946.73	2.65	ppb
Antimony	121-1	0.20	0.21	0.22	0.21	6.29	ppb
Arsenic	75-2	0.81	1.06	0.85	0.91	15.25	ppb
Barium	135-1	54.83	54.14	54.14	54.37	0.73	ppb
Barium	137-1	55.11	55.94	55.42	55.49	0.76	ppb
Beryllium	9-1	0.77	0.80	0.73	0.77	4.53	ppb
Bismuth	209-1				117		%
Bismuth	209-2				117		%
Boron	11-1	5.37	5.68	5.44	5.50	2.92	ppb
Boron	10-1	6.37	6.84	5.35	6.19	12.25	ppb
Cadmium	106-1	-0.27	-0.15	-0.56	-0.33		ppb
Cadmium	108-1	0.36	0.30	0.30	0.32	11.08	ppb
Cadmium	111-1	0.25	0.29	0.25	0.27	9.15	ppb
Calcium	43-1	7887.33	7869.58	7999.28	7918.73	0.89	ppb
Calcium	44-1	8226.44	8308.13	8269.16	8267.91	0.49	ppb
Chromium	52-2	-0.21	-0.19	-0.30	-0.24		ppb
Cobalt	59-2	0.93	0.89	0.87	0.90	2.96	ppb
Copper	63-2	3.01	2.95	3.00	2.99	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	875.29	876.75	880.21	877.42	0.29	ppb
Iron	57-2	872.15	900.93	900.29	891.12	1.84	ppb
Lead	206-1	4.47	4.48	4.31	4.42	2.18	ppb
Lead	207-1	4.27	4.11	4.17	4.18	1.92	ppb
Lead	208-1	4.36	4.30	4.31	4.32	0.77	ppb
Lithium	6-1				105		%
Magnesium	24-2	1918.48	1911.82	1914.70	1915.00	0.17	ppb
Manganese	55-2	159.77	160.62	161.61	160.67	0.57	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-05	Instrumnet Name :	P8
Client Sample ID :	MH0CH6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:09:06	DataFile Name :	051SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.00	0.00	0.00	129.94	ppb
Molybdenum	94-1	0.12	0.12	0.12	0.12	1.08	ppb
Molybdenum	95-1	0.00	0.00	0.02	0.01	129.35	ppb
Molybdenum	96-1	0.05	0.05	0.03	0.04	18.14	ppb
Molybdenum	97-1	-0.01	0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.19	1.55	1.30	16.68	ppb
Phosphorus	31-2	-15.11	28.50	-0.42	4.32	513.56	ppb
Potassium	39-2	4522.95	4473.94	4629.41	4542.10	1.75	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	28.57	28.95	2.34	19.95	76.47	ppb
Selenium	78-2	1.13	4.73	5.95	3.94	63.63	ppb
Selenium	82-1	0.17	-0.25	0.26	0.06	452.00	ppb
Silicon	28-1	9456.22	9370.30	9559.19	9461.90	1.00	ppb
Silver	109-1	0.09	0.10	0.11	0.10	8.77	ppb
Silver	107-1	0.10	0.14	0.12	0.12	18.59	ppb
Sodium	23-2	1640.58	1621.29	1666.41	1642.76	1.38	ppb
Strontium	86-1	60.20	61.38	60.92	60.83	0.97	ppb
Strontium	88-1	61.33	62.22	61.71	61.75	0.72	ppb
Sulfur	34-1	8729.63	8845.16	8754.75	8776.51	0.69	ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.17	0.19	0.18	0.18	5.70	ppb
Thallium	205-1	0.19	0.17	0.17	0.18	5.78	ppb
Tin	118-1	0.10	0.08	0.09	0.09	13.22	ppb
Titanium	47-1	0.47	0.33	0.47	0.42	19.16	ppb
Uranium	238-1	1.63	1.64	1.61	1.63	0.87	ppb
Vanadium	51-2	0.09	0.06	0.06	0.07	28.09	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	149.72	148.35	147.67	148.58	0.70	ppb
Zirconium	90-1	0.16	0.16	0.17	0.16	2.75	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-05	Instrumnet Name :	P8
Client Sample ID :	MH0CH6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:09:06	DataFile Name :	051SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.27	0.21	0.22	20.66	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:12:12	DataFile Name :	052SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	656.39	708.47	692.84	685.90	3.90	ppb
Antimony	121-1	0.18	0.22	0.22	0.21	10.96	ppb
Arsenic	75-2	0.64	0.66	0.62	0.64	2.78	ppb
Barium	135-1	51.33	51.94	52.93	52.07	1.55	ppb
Barium	137-1	52.61	52.28	53.44	52.78	1.14	ppb
Beryllium	9-1	0.86	0.97	0.94	0.92	5.98	ppb
Bismuth	209-1				117		%
Bismuth	209-2				116		%
Boron	11-1	5.46	5.73	5.32	5.50	3.78	ppb
Boron	10-1	6.93	5.53	5.27	5.91	15.15	ppb
Cadmium	106-1	-1.80	-2.05	-1.72	-1.85		ppb
Cadmium	108-1	0.48	0.48	0.40	0.45	9.98	ppb
Cadmium	111-1	0.19	0.17	0.18	0.18	5.47	ppb
Calcium	43-1	7791.81	7727.94	7883.69	7801.15	1.00	ppb
Calcium	44-1	7975.96	7877.62	8029.93	7961.17	0.97	ppb
Chromium	52-2	-0.15	-0.14	-0.14	-0.15		ppb
Cobalt	59-2	1.28	1.36	1.32	1.32	3.36	ppb
Copper	63-2	4.15	3.86	3.86	3.96	4.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	295.32	283.24	288.09	288.88	2.10	ppb
Iron	57-2	294.55	288.14	286.35	289.68	1.49	ppb
Lead	206-1	2.33	2.38	2.44	2.38	2.32	ppb
Lead	207-1	2.15	2.22	2.29	2.22	3.07	ppb
Lead	208-1	2.25	2.31	2.36	2.30	2.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	1833.85	1791.80	1794.43	1806.69	1.30	ppb
Manganese	55-2	188.24	180.81	182.13	183.73	2.16	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:12:12	DataFile Name :	052SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	0.01	-0.01		ppb
Molybdenum	94-1	0.08	0.10	0.09	0.09	7.18	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	208.45	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	19.66	ppb
Molybdenum	97-1	0.02	-0.01	-0.02	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.42	1.34	1.37	2.99	ppb
Phosphorus	31-2	-0.38	-0.76	-0.45	-0.53		ppb
Potassium	39-2	4767.73	4498.44	4552.24	4606.14	3.09	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	13.59	17.59	13.96	15.04	14.68	ppb
Selenium	78-2	2.91	3.54	1.79	2.75	32.45	ppb
Selenium	82-1	-0.34	0.29	0.07	0.01	3884.19	ppb
Silicon	28-1	10070.95	10000.48	10046.28	10039.24	0.36	ppb
Silver	109-1	0.08	0.11	0.10	0.09	17.13	ppb
Silver	107-1	0.09	0.09	0.12	0.10	16.20	ppb
Sodium	23-2	1706.22	1659.59	1694.01	1686.60	1.43	ppb
Strontium	86-1	58.22	57.89	58.15	58.09	0.31	ppb
Strontium	88-1	59.82	59.15	59.55	59.50	0.56	ppb
Sulfur	34-1	7826.57	7674.60	7951.19	7817.45	1.77	ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.19	0.24	0.20	0.21	10.89	ppb
Thallium	205-1	0.20	0.18	0.20	0.19	5.03	ppb
Tin	118-1	0.08	0.05	0.04	0.06	39.77	ppb
Titanium	47-1	0.29	0.27	0.32	0.29	7.30	ppb
Uranium	238-1	1.46	1.47	1.51	1.48	1.56	ppb
Vanadium	51-2	0.04	0.03	0.03	0.04	16.19	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	148.27	143.60	144.88	145.58	1.66	ppb
Zirconium	90-1	0.12	0.11	0.13	0.12	8.50	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:12:12	DataFile Name :	052SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.12	0.10	0.10	24.91	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-07 Instrumnet Name : P8
 Client Sample ID : MH0CJ0 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:15:20 DataFile Name : 053SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	513.48	529.97	504.69	516.05	2.49	ppb
Antimony	121-1	0.23	0.23	0.25	0.24	4.18	ppb
Arsenic	75-2	0.34	0.29	0.36	0.33	10.68	ppb
Barium	135-1	49.44	49.38	50.77	49.87	1.58	ppb
Barium	137-1	49.91	49.62	51.00	50.18	1.45	ppb
Beryllium	9-1	1.03	1.19	1.17	1.13	7.80	ppb
Bismuth	209-1				117		%
Bismuth	209-2				117		%
Boron	11-1	5.59	5.04	4.81	5.15	7.77	ppb
Boron	10-1	5.37	6.87	6.03	6.09	12.32	ppb
Cadmium	106-1	-1.57	-0.64	-1.07	-1.09		ppb
Cadmium	108-1	0.30	0.46	0.34	0.37	21.95	ppb
Cadmium	111-1	0.38	0.31	0.40	0.36	13.81	ppb
Calcium	43-1	7966.09	7907.81	7768.88	7880.93	1.29	ppb
Calcium	44-1	8203.69	8306.60	8045.38	8185.22	1.61	ppb
Chromium	52-2	-0.19	-0.10	-0.16	-0.15		ppb
Cobalt	59-2	2.14	2.11	2.14	2.13	0.73	ppb
Copper	63-2	4.07	4.00	3.96	4.01	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				114		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	111.65	111.99	113.67	112.44	0.96	ppb
Iron	57-2	107.84	110.76	105.44	108.01	2.47	ppb
Lead	206-1	1.01	1.02	1.11	1.05	5.48	ppb
Lead	207-1	0.97	1.06	0.97	1.00	5.12	ppb
Lead	208-1	1.01	1.03	1.04	1.03	1.42	ppb
Lithium	6-1				105		%
Magnesium	24-2	1933.36	1947.75	1922.10	1934.40	0.66	ppb
Manganese	55-2	234.84	236.67	238.89	236.80	0.86	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-07	Instrumnet Name :	P8
Client Sample ID :	MH0CJ0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:15:20	DataFile Name :	053SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.08	0.09	0.08	0.08	6.54	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	64.93	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	9.26	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.49	2.62	2.51	4.10	ppb
Phosphorus	31-2	-15.11	-0.39	-15.11	-10.21		ppb
Potassium	39-2	4274.01	4342.30	4241.59	4285.96	1.20	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	25.18	13.67	2.41	13.75	82.80	ppb
Selenium	78-2	0.56	2.33	3.02	1.97	64.53	ppb
Selenium	82-1	0.46	0.35	-0.02	0.26	94.88	ppb
Silicon	28-1	10362.09	10442.12	10199.19	10334.47	1.20	ppb
Silver	109-1	0.09	0.11	0.10	0.10	7.29	ppb
Silver	107-1	0.10	0.10	0.11	0.10	3.74	ppb
Sodium	23-2	1933.48	1997.52	1952.10	1961.03	1.68	ppb
Strontium	86-1	59.11	59.04	58.53	58.89	0.54	ppb
Strontium	88-1	59.84	60.04	59.77	59.88	0.23	ppb
Sulfur	34-1	7654.89	7765.32	7555.84	7658.68	1.37	ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.16	0.14	0.13	0.14	7.18	ppb
Thallium	205-1	0.13	0.15	0.14	0.14	7.88	ppb
Tin	118-1	0.10	0.09	0.09	0.09	7.60	ppb
Titanium	47-1	0.40	0.41	0.36	0.39	6.53	ppb
Uranium	238-1	0.80	0.83	0.80	0.81	2.25	ppb
Vanadium	51-2	0.05	0.02	0.03	0.04	41.30	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	177.34	177.21	171.49	175.35	1.90	ppb
Zirconium	90-1	0.12	0.14	0.13	0.13	9.95	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-07	Instrumnet Name :	P8
Client Sample ID :	MH0CJ0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:15:20	DataFile Name :	053SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.11	0.12	0.10	21.20	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-08 Instrumnet Name : P8
 Client Sample ID : MH0CJ2 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:18:28 DataFile Name : 054SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	323.53	337.31	280.24	313.69	9.49	ppb
Antimony	121-1	0.24	0.27	0.26	0.26	5.86	ppb
Arsenic	75-2	0.55	0.53	0.75	0.61	20.04	ppb
Barium	135-1	47.88	47.89	48.28	48.02	0.47	ppb
Barium	137-1	48.56	48.45	48.69	48.56	0.25	ppb
Beryllium	9-1	1.05	1.02	1.12	1.06	4.88	ppb
Bismuth	209-1				112		%
Bismuth	209-2				116		%
Boron	11-1	5.57	4.76	5.02	5.12	8.09	ppb
Boron	10-1	5.72	5.88	6.80	6.13	9.53	ppb
Cadmium	106-1	-1.11	-1.25	-2.35	-1.57		ppb
Cadmium	108-1	0.47	0.58	0.42	0.49	17.24	ppb
Cadmium	111-1	0.34	0.32	0.29	0.32	7.45	ppb
Calcium	43-1	8217.31	8378.48	8165.91	8253.90	1.34	ppb
Calcium	44-1	8531.38	8513.32	8434.95	8493.22	0.60	ppb
Chromium	52-2	-0.18	-0.22	-0.20	-0.20		ppb
Cobalt	59-2	2.09	2.11	2.29	2.17	5.03	ppb
Copper	63-2	4.12	3.89	3.99	4.00	2.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	244.97	237.87	241.91	241.59	1.48	ppb
Iron	57-2	247.76	248.38	216.78	237.64	7.60	ppb
Lead	206-1	0.77	0.80	0.71	0.76	6.19	ppb
Lead	207-1	0.67	0.67	0.67	0.67	0.62	ppb
Lead	208-1	0.72	0.73	0.72	0.72	0.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	2114.63	2061.85	2102.92	2093.13	1.32	ppb
Manganese	55-2	284.30	273.71	275.09	277.70	2.07	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-08	Instrumnet Name :	P8
Client Sample ID :	MH0CJ2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:18:28	DataFile Name :	054SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.06	0.07	0.07	0.07	7.70	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	90.83	ppb
Molybdenum	96-1	0.04	0.02	0.01	0.02	57.13	ppb
Molybdenum	97-1	-0.01	0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.05	2.88	3.06	3.00	3.33	ppb
Phosphorus	31-2	14.72	-0.55	29.83	14.67	103.56	ppb
Potassium	39-2	4347.03	4307.45	4252.23	4302.24	1.11	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	17.88	6.32	6.31	10.17	65.63	ppb
Selenium	78-2	3.00	0.59	5.47	3.02	80.86	ppb
Selenium	82-1	0.31	-0.13	0.03	0.07	317.72	ppb
Silicon	28-1	10275.68	10349.92	10149.46	10258.36	0.99	ppb
Silver	109-1	0.09	0.10	0.12	0.10	11.13	ppb
Silver	107-1	0.11	0.10	0.11	0.10	7.67	ppb
Sodium	23-2	2042.64	1960.94	2040.24	2014.61	2.31	ppb
Strontium	86-1	62.37	60.83	61.13	61.44	1.33	ppb
Strontium	88-1	62.68	62.33	61.92	62.31	0.61	ppb
Sulfur	34-1	7630.52	7771.38	7515.96	7639.29	1.67	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.15	0.14	0.11	0.13	13.71	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	4.75	ppb
Tin	118-1	0.08	0.06	0.05	0.06	24.53	ppb
Titanium	47-1	0.24	0.36	0.37	0.32	21.98	ppb
Uranium	238-1	0.60	0.58	0.60	0.59	2.17	ppb
Vanadium	51-2	0.05	0.02	0.06	0.04	40.80	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	165.23	160.34	168.20	164.59	2.41	ppb
Zirconium	90-1	0.12	0.11	0.11	0.11	4.94	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-08	Instrumnet Name :	P8
Client Sample ID :	MH0CJ2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:18:28	DataFile Name :	054SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.10	0.11	0.10	18.45	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:21:34	DataFile Name :	055SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	118.26	116.15	129.38	121.26	5.86	ppb
Antimony	121-1	0.26	0.27	0.26	0.27	2.12	ppb
Arsenic	75-2	1.29	1.36	1.31	1.32	2.95	ppb
Barium	135-1	33.91	32.25	32.59	32.92	2.66	ppb
Barium	137-1	33.39	33.03	33.12	33.18	0.57	ppb
Beryllium	9-1	0.30	0.37	0.42	0.36	16.66	ppb
Bismuth	209-1				115		%
Bismuth	209-2				116		%
Boron	11-1	4.93	4.70	4.66	4.76	3.04	ppb
Boron	10-1	5.31	4.10	5.44	4.95	14.95	ppb
Cadmium	106-1	-2.06	-1.75	-1.23	-1.68		ppb
Cadmium	108-1	0.12	0.42	0.37	0.30	54.05	ppb
Cadmium	111-1	0.09	0.06	0.13	0.09	36.17	ppb
Calcium	43-1	9255.20	9279.69	9150.50	9228.46	0.74	ppb
Calcium	44-1	9516.58	9354.96	9295.84	9389.13	1.22	ppb
Chromium	52-2	3.99	3.60	3.86	3.82	5.18	ppb
Cobalt	59-2	0.61	0.60	0.61	0.61	0.69	ppb
Copper	63-2	1.85	1.82	1.85	1.84	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	527.89	528.50	528.79	528.39	0.09	ppb
Iron	57-2	556.29	535.85	534.56	542.23	2.25	ppb
Lead	206-1	0.73	0.73	0.72	0.73	0.83	ppb
Lead	207-1	0.66	0.67	0.68	0.67	1.53	ppb
Lead	208-1	0.71	0.71	0.69	0.70	2.01	ppb
Lithium	6-1				105		%
Magnesium	24-2	2678.17	2681.39	2666.89	2675.48	0.28	ppb
Manganese	55-2	77.33	76.46	77.96	77.25	0.98	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:21:34	DataFile Name :	055SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.08	0.08	0.06	0.07	12.73	ppb
Molybdenum	94-1	0.11	0.15	0.12	0.13	15.97	ppb
Molybdenum	95-1	0.07	0.08	0.08	0.07	2.21	ppb
Molybdenum	96-1	0.08	0.09	0.10	0.09	10.68	ppb
Molybdenum	97-1	0.10	0.08	0.08	0.08	12.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.35	3.32	3.25	3.31	1.62	ppb
Phosphorus	31-2	14.26	-0.30	14.35	9.44	89.35	ppb
Potassium	39-2	3678.15	3625.37	3567.32	3623.61	1.53	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	6.33	6.42	2.49	5.08	44.17	ppb
Selenium	78-2	1.20	-0.02	3.10	1.43	110.07	ppb
Selenium	82-1	0.90	0.05	0.79	0.58	80.27	ppb
Silicon	28-1	7735.02	7631.17	7689.06	7685.08	0.68	ppb
Silver	109-1	0.11	0.11	0.10	0.11	5.45	ppb
Silver	107-1	0.11	0.11	0.12	0.11	3.20	ppb
Sodium	23-2	2138.63	2161.34	2148.52	2149.50	0.53	ppb
Strontium	86-1	78.21	76.98	77.10	77.43	0.88	ppb
Strontium	88-1	81.72	80.22	80.73	80.89	0.95	ppb
Sulfur	34-1	6313.02	6184.31	6120.02	6205.78	1.58	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.04	0.05	0.04	21.14	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	19.01	ppb
Tin	118-1	0.08	0.07	0.08	0.08	6.45	ppb
Titanium	47-1	0.85	0.88	0.67	0.80	13.89	ppb
Uranium	238-1	0.33	0.34	0.39	0.35	9.11	ppb
Vanadium	51-2	0.10	0.09	0.18	0.12	37.76	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	105.99	109.07	103.75	106.27	2.51	ppb
Zirconium	90-1	0.18	0.17	0.18	0.18	4.42	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:21:34	DataFile Name :	055SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.11	0.17	0.15	25.13	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:24:41	DataFile Name :	056SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86.16	98.72	100.29	95.06	8.14	ppb
Antimony	121-1	0.25	0.23	0.30	0.26	14.04	ppb
Arsenic	75-2	1.20	1.23	1.06	1.16	7.96	ppb
Barium	135-1	33.29	33.62	32.36	33.09	1.98	ppb
Barium	137-1	32.80	32.57	33.36	32.91	1.23	ppb
Beryllium	9-1	0.41	0.50	0.47	0.46	10.56	ppb
Bismuth	209-1				116		%
Bismuth	209-2				114		%
Boron	11-1	4.43	4.95	4.63	4.67	5.60	ppb
Boron	10-1	5.41	4.97	6.64	5.67	15.28	ppb
Cadmium	106-1	-2.37	-0.73	-0.97	-1.36		ppb
Cadmium	108-1	0.36	0.21	0.21	0.26	33.84	ppb
Cadmium	111-1	0.02	0.15	0.16	0.11	70.47	ppb
Calcium	43-1	9258.63	9155.10	9293.36	9235.69	0.78	ppb
Calcium	44-1	9362.26	9380.98	9606.83	9450.02	1.44	ppb
Chromium	52-2	3.44	3.70	3.55	3.56	3.63	ppb
Cobalt	59-2	0.58	0.64	0.59	0.60	4.99	ppb
Copper	63-2	1.91	1.95	1.85	1.90	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	533.91	526.14	536.35	532.13	1.00	ppb
Iron	57-2	540.90	547.39	529.35	539.21	1.70	ppb
Lead	206-1	0.78	0.77	0.79	0.78	1.46	ppb
Lead	207-1	0.70	0.75	0.67	0.71	5.18	ppb
Lead	208-1	0.74	0.76	0.74	0.74	1.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	2694.37	2636.66	2707.24	2679.42	1.40	ppb
Manganese	55-2	78.90	78.55	80.57	79.34	1.36	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:24:41	DataFile Name :	056SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.09	0.07	0.07	0.08	14.21	ppb
Molybdenum	94-1	0.13	0.15	0.10	0.13	18.27	ppb
Molybdenum	95-1	0.05	0.07	0.09	0.07	33.26	ppb
Molybdenum	96-1	0.10	0.07	0.08	0.08	16.52	ppb
Molybdenum	97-1	0.10	0.07	0.06	0.08	29.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.52	3.48	3.68	3.56	2.92	ppb
Phosphorus	31-2	-15.11	-0.62	14.33	-0.47		ppb
Potassium	39-2	3582.12	3577.38	3625.19	3594.90	0.73	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	14.19	-1.48	2.45	5.05	161.40	ppb
Selenium	78-2	2.43	1.22	-0.02	1.21	101.27	ppb
Selenium	82-1	0.16	-0.13	-0.36	-0.11		ppb
Silicon	28-1	7791.33	7765.86	7826.42	7794.54	0.39	ppb
Silver	109-1	0.09	0.10	0.10	0.10	5.48	ppb
Silver	107-1	0.09	0.10	0.10	0.10	6.15	ppb
Sodium	23-2	2188.70	2166.14	2176.67	2177.17	0.52	ppb
Strontium	86-1	78.73	76.76	77.75	77.75	1.27	ppb
Strontium	88-1	81.66	81.10	80.93	81.23	0.47	ppb
Sulfur	34-1	6541.67	6269.92	6525.96	6445.85	2.37	ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.04	0.02	0.04	31.80	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	4.00	ppb
Tin	118-1	0.33	0.40	0.43	0.39	13.92	ppb
Titanium	47-1	0.82	0.92	0.84	0.86	6.54	ppb
Uranium	238-1	0.33	0.33	0.35	0.34	3.20	ppb
Vanadium	51-2	0.13	0.11	0.16	0.13	16.44	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	106.92	105.54	105.04	105.83	0.92	ppb
Zirconium	90-1	0.16	0.15	0.17	0.16	7.30	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:24:41	DataFile Name :	056SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.17	0.12	0.16	23.62	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 17:27:47	DataFile Name :	057SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.69	22.77	12.82	19.10	28.59	ppb
Antimony	121-1	0.03	0.02	0.02	0.03	16.67	ppb
Arsenic	75-2	0.28	0.15	0.25	0.22	29.88	ppb
Barium	135-1	6.38	6.27	6.39	6.34	1.06	ppb
Barium	137-1	6.52	6.30	6.53	6.45	2.06	ppb
Beryllium	9-1	0.12	0.01	0.13	0.09	73.89	ppb
Bismuth	209-1				111		%
Bismuth	209-2				112		%
Boron	11-1	2.16	1.91	2.02	2.03	6.36	ppb
Boron	10-1	1.76	3.02	3.80	2.86	36.01	ppb
Cadmium	106-1	-1.30	-2.77	-1.40	-1.83		ppb
Cadmium	108-1	0.06	0.15	-0.01	0.07	117.17	ppb
Cadmium	111-1	-0.05	-0.16	-0.06	-0.09		ppb
Calcium	43-1	1762.35	1816.80	1761.75	1780.30	1.78	ppb
Calcium	44-1	1795.38	1800.04	1794.89	1796.77	0.16	ppb
Chromium	52-2	0.81	0.69	0.74	0.75	8.49	ppb
Cobalt	59-2	0.07	0.09	0.08	0.08	12.13	ppb
Copper	63-2	0.52	0.46	0.45	0.48	8.04	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				110		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	101.04	100.37	98.69	100.03	1.22	ppb
Iron	57-2	107.88	95.49	92.81	98.73	8.14	ppb
Lead	206-1	0.15	0.12	0.13	0.13	13.67	ppb
Lead	207-1	0.10	0.11	0.13	0.11	15.72	ppb
Lead	208-1	0.12	0.13	0.13	0.12	1.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	503.07	518.89	490.92	504.29	2.78	ppb
Manganese	55-2	14.70	15.21	15.21	15.04	1.96	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 17:27:47	DataFile Name :	057SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.01	0.01	0.01	27.00	ppb
Molybdenum	94-1	0.02	0.05	0.02	0.03	55.90	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	32.44	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	57.60	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	35.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.21	0.20	0.27	38.36	ppb
Phosphorus	31-2	-15.11	0.07	0.09	-4.98		ppb
Potassium	39-2	672.86	732.35	631.06	678.75	7.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.65	0.00	0.01	0.22	166.44	ppb
Selenium	82-1	-0.12	-0.90	-0.16	-0.39		ppb
Silicon	28-1	1483.39	1481.33	1489.09	1484.60	0.27	ppb
Silver	109-1	0.04	0.04	0.04	0.04	8.56	ppb
Silver	107-1	0.04	0.04	0.05	0.04	17.28	ppb
Sodium	23-2	414.14	415.03	409.52	412.90	0.72	ppb
Strontium	86-1	15.05	15.04	15.17	15.09	0.48	ppb
Strontium	88-1	15.39	15.42	15.31	15.37	0.35	ppb
Sulfur	34-1	-3193.19	-3263.03	-3054.54	-3170.25		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.00	0.00	0.01	0.00	178.49	ppb
Titanium	47-1	0.14	0.22	0.19	0.18	23.73	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	11.43	ppb
Vanadium	51-2	0.02	0.02	0.04	0.02	55.63	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	20.29	20.16	19.35	19.93	2.55	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	10.19	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 17:27:47	DataFile Name :	057SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.05	0.03	80.80	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-11 Instrumnet Name : P8
 Client Sample ID : MH0CJ4S Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:30:55 DataFile Name : 058SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2043.54	2028.61	2052.06	2041.40	0.58	ppb
Antimony	121-1	104.02	105.42	106.70	105.38	1.27	ppb
Arsenic	75-2	42.81	43.70	43.23	43.25	1.03	ppb
Barium	135-1	2167.82	2168.85	2206.12	2180.93	1.00	ppb
Barium	137-1	2139.13	2148.69	2157.22	2148.35	0.42	ppb
Beryllium	9-1	54.12	53.55	53.36	53.68	0.73	ppb
Bismuth	209-1				114		%
Bismuth	209-2				113		%
Boron	11-1	4.60	4.53	4.39	4.51	2.45	ppb
Boron	10-1	5.02	3.07	4.93	4.34	25.32	ppb
Cadmium	106-1	44.62	46.49	45.06	45.39	2.16	ppb
Cadmium	108-1	48.56	49.98	51.48	50.01	2.92	ppb
Cadmium	111-1	52.79	53.23	53.58	53.20	0.74	ppb
Calcium	43-1	9439.85	9350.04	9521.90	9437.26	0.91	ppb
Calcium	44-1	9721.57	9625.91	9693.25	9680.24	0.51	ppb
Chromium	52-2	220.39	219.69	225.32	221.80	1.38	ppb
Cobalt	59-2	564.02	560.46	571.26	565.25	0.97	ppb
Copper	63-2	292.12	289.08	295.88	292.36	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	1631.30	1606.80	1646.27	1628.12	1.22	ppb
Iron	57-2	1588.97	1598.31	1645.11	1610.80	1.87	ppb
Lead	206-1	21.65	20.88	21.09	21.21	1.88	ppb
Lead	207-1	21.11	20.87	21.05	21.01	0.60	ppb
Lead	208-1	21.60	21.19	21.22	21.33	1.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	2753.98	2678.64	2790.96	2741.19	2.09	ppb
Manganese	55-2	630.23	622.40	642.08	631.57	1.57	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-11	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:30:55	DataFile Name :	058SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.07	0.05	0.06	22.65	ppb
Molybdenum	94-1	0.12	0.13	0.11	0.12	8.85	ppb
Molybdenum	95-1	0.05	0.07	0.06	0.06	19.09	ppb
Molybdenum	96-1	0.05	0.05	0.07	0.06	17.67	ppb
Molybdenum	97-1	0.05	0.06	0.01	0.04	60.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	586.14	574.53	587.25	582.64	1.21	ppb
Phosphorus	31-2	14.86	14.45	-15.11	4.73	363.34	ppb
Potassium	39-2	3713.47	3670.36	3807.20	3730.34	1.88	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	84.89	112.93	124.32	107.38	18.90	ppb
Selenium	78-2	110.07	114.33	109.99	111.46	2.23	ppb
Selenium	82-1	104.89	106.42	105.00	105.44	0.81	ppb
Silicon	28-1	8014.14	7892.14	8008.70	7971.66	0.86	ppb
Silver	109-1	49.09	50.03	49.89	49.67	1.02	ppb
Silver	107-1	49.14	49.30	49.94	49.46	0.85	ppb
Sodium	23-2	2218.31	2195.37	2273.47	2229.05	1.80	ppb
Strontium	86-1	78.52	78.99	79.74	79.08	0.78	ppb
Strontium	88-1	82.20	81.94	81.89	82.01	0.20	ppb
Sulfur	34-1	6854.77	6639.27	6746.93	6746.99	1.60	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	51.40	52.28	52.10	51.93	0.90	ppb
Thallium	205-1	53.03	52.64	52.20	52.62	0.79	ppb
Tin	118-1	0.13	0.10	0.14	0.12	18.35	ppb
Titanium	47-1	0.75	0.51	0.91	0.72	28.03	ppb
Uranium	238-1	0.36	0.32	0.35	0.34	5.37	ppb
Vanadium	51-2	554.86	542.98	557.80	551.88	1.42	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	676.60	678.51	689.88	681.66	1.05	ppb
Zirconium	90-1	0.15	0.22	0.16	0.18	20.07	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-11	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:30:55	DataFile Name :	058SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.18	0.16	0.19	20.48	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-12 Instrumnet Name : P8
 Client Sample ID : MH0CJ6 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:34:02 DataFile Name : 059SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	117.33	160.77	114.83	130.98	19.72	ppb
Antimony	121-1	0.26	0.28	0.25	0.26	4.53	ppb
Arsenic	75-2	0.78	0.82	0.87	0.82	5.75	ppb
Barium	135-1	108.45	109.08	106.99	108.17	0.99	ppb
Barium	137-1	108.20	109.63	109.20	109.01	0.67	ppb
Beryllium	9-1	0.44	0.47	0.53	0.48	9.74	ppb
Bismuth	209-1				111		%
Bismuth	209-2				112		%
Boron	11-1	6.43	6.58	6.02	6.35	4.60	ppb
Boron	10-1	6.23	6.93	6.30	6.49	5.93	ppb
Cadmium	106-1	3.69	3.07	2.73	3.16	15.34	ppb
Cadmium	108-1	5.06	5.52	6.21	5.60	10.38	ppb
Cadmium	111-1	5.21	5.06	5.03	5.10	1.87	ppb
Calcium	43-1	26112.39	26048.14	25915.47	26025.33	0.39	ppb
Calcium	44-1	26133.75	26508.63	25945.60	26196.00	1.09	ppb
Chromium	52-2	-0.28	-0.18	-0.22	-0.23		ppb
Cobalt	59-2	0.26	0.26	0.31	0.28	10.37	ppb
Copper	63-2	3.33	2.87	2.97	3.06	7.97	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				111		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	174.16	170.42	169.68	171.42	1.40	ppb
Iron	57-2	182.00	173.75	171.56	175.77	3.13	ppb
Lead	206-1	3.21	3.42	3.30	3.31	3.24	ppb
Lead	207-1	2.99	3.28	3.01	3.09	5.18	ppb
Lead	208-1	3.16	3.32	3.19	3.22	2.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	6862.17	6632.52	6596.91	6697.20	2.15	ppb
Manganese	55-2	69.00	64.95	64.05	66.00	3.99	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-12	Instrumnet Name :	P8
Client Sample ID :	MH0CJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:34:02	DataFile Name :	059SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	94-1	0.08	0.12	0.11	0.10	20.88	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	132.34	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	26.66	ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.01	6.00	5.85	5.95	1.57	ppb
Phosphorus	31-2	-0.02	44.63	-0.19	14.81	174.43	ppb
Potassium	39-2	3649.44	3614.09	3593.43	3618.99	0.78	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	6.43	-1.48	18.70	7.88	128.97	ppb
Selenium	78-2	1.22	1.25	1.26	1.25	1.56	ppb
Selenium	82-1	0.23	0.81	0.27	0.43	74.37	ppb
Silicon	28-1	4123.43	4261.44	4092.89	4159.25	2.16	ppb
Silver	109-1	0.30	0.28	0.31	0.30	4.85	ppb
Silver	107-1	0.29	0.29	0.29	0.29	0.64	ppb
Sodium	23-2	3064.92	2981.01	2958.52	3001.48	1.87	ppb
Strontium	86-1	182.39	186.72	184.30	184.47	1.18	ppb
Strontium	88-1	188.88	190.67	189.69	189.74	0.47	ppb
Sulfur	34-1	29462.18	23918.74	23400.99	25593.97	13.13	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.14	0.15	0.14	0.14	6.81	ppb
Thallium	205-1	0.12	0.15	0.14	0.14	10.19	ppb
Tin	118-1	0.05	0.05	0.03	0.04	21.42	ppb
Titanium	47-1	0.99	1.02	1.02	1.01	2.02	ppb
Uranium	238-1	0.15	0.15	0.15	0.15	1.91	ppb
Vanadium	51-2	0.10	0.08	0.11	0.10	16.74	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	1518.06	1486.68	1483.06	1495.94	1.29	ppb
Zirconium	90-1	0.12	0.13	0.13	0.12	4.67	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-12	Instrumnet Name :	P8
Client Sample ID :	MH0CJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:34:02	DataFile Name :	059SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.14	0.11	0.13	16.26	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-13	Instrumnet Name :	P8
Client Sample ID :	MH0CJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:37:08	DataFile Name :	060SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.54	65.65	96.37	79.85	19.40	ppb
Antimony	121-1	0.26	0.26	0.24	0.25	4.88	ppb
Arsenic	75-2	20.92	20.62	21.34	20.96	1.72	ppb
Barium	135-1	17.10	17.18	17.20	17.16	0.31	ppb
Barium	137-1	16.68	16.83	16.70	16.74	0.49	ppb
Beryllium	9-1	0.11	0.09	0.05	0.08	38.89	ppb
Bismuth	209-1				112		%
Bismuth	209-2				117		%
Boron	11-1	7.48	7.65	7.57	7.57	1.13	ppb
Boron	10-1	7.61	7.89	10.24	8.58	16.81	ppb
Cadmium	106-1	-1.00	-1.60	-0.96	-1.18		ppb
Cadmium	108-1	0.16	0.15	0.12	0.14	15.89	ppb
Cadmium	111-1	-0.06	-0.08	-0.03	-0.05		ppb
Calcium	43-1	11043.82	11204.69	10868.93	11039.15	1.52	ppb
Calcium	44-1	11110.89	11331.55	11107.58	11183.34	1.15	ppb
Chromium	52-2	-0.11	-0.13	0.08	-0.06		ppb
Cobalt	59-2	1.70	1.56	1.67	1.64	4.65	ppb
Copper	63-2	1.95	1.96	1.87	1.93	2.51	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				112		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	4301.06	4176.39	4271.80	4249.75	1.53	ppb
Iron	57-2	4219.18	4092.65	4161.94	4157.92	1.52	ppb
Lead	206-1	0.79	0.83	0.81	0.81	2.83	ppb
Lead	207-1	0.81	0.73	0.79	0.78	4.94	ppb
Lead	208-1	0.83	0.79	0.79	0.80	2.69	ppb
Lithium	6-1				102		%
Magnesium	24-2	2056.67	2003.85	2017.05	2025.85	1.36	ppb
Manganese	55-2	239.81	235.72	238.99	238.17	0.91	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-13	Instrumnet Name :	P8
Client Sample ID :	MH0CJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:37:08	DataFile Name :	060SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	7.79	7.97	7.63	7.79	2.20	ppb
Molybdenum	94-1	2.67	2.65	2.79	2.70	2.88	ppb
Molybdenum	95-1	7.65	7.99	7.71	7.78	2.34	ppb
Molybdenum	96-1	6.48	6.59	6.74	6.61	2.00	ppb
Molybdenum	97-1	7.53	7.85	8.02	7.80	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.82	0.76	0.79	4.07	ppb
Phosphorus	31-2	72.96	71.48	-15.11	43.11	116.98	ppb
Potassium	39-2	3506.24	3464.53	3524.06	3498.28	0.87	ppb
Rhodium	103-1				104		%
Rhodium	103-2				110		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	6.14	10.18	6.33	7.55	30.18	ppb
Selenium	78-2	3.54	0.58	1.81	1.98	75.18	ppb
Selenium	82-1	0.58	0.46	0.97	0.67	39.83	ppb
Silicon	28-1	2763.33	2782.16	2768.69	2771.39	0.35	ppb
Silver	109-1	0.28	0.26	0.30	0.28	6.49	ppb
Silver	107-1	0.28	0.31	0.29	0.29	5.15	ppb
Sodium	23-2	3391.77	3366.00	3393.02	3383.60	0.45	ppb
Strontium	86-1	61.61	63.49	63.56	62.88	1.76	ppb
Strontium	88-1	64.14	64.84	64.93	64.64	0.66	ppb
Sulfur	34-1	6153.29	6252.38	5971.54	6125.74	2.33	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.01	0.01	0.00	225.79	ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.09	0.05	0.04	0.06	42.84	ppb
Titanium	47-1	0.75	1.20	1.01	0.99	23.11	ppb
Uranium	238-1	0.76	0.71	0.71	0.73	3.83	ppb
Vanadium	51-2	0.36	0.37	0.35	0.36	3.83	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	18.87	18.74	18.25	18.62	1.76	ppb
Zirconium	90-1	0.53	0.42	0.57	0.51	15.03	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-13	Instrumnet Name :	P8
Client Sample ID :	MH0CJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:37:08	DataFile Name :	060SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.41	0.53	0.62	43.14	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-14	Instrumnet Name :	P8
Client Sample ID :	MH0CK0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:40:14	DataFile Name :	061SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.77	18.37	21.85	22.33	18.90	ppb
Antimony	121-1	0.28	0.28	0.27	0.28	1.30	ppb
Arsenic	75-2	1.65	1.24	1.44	1.44	14.25	ppb
Barium	135-1	20.90	20.94	21.03	20.96	0.32	ppb
Barium	137-1	21.14	21.02	21.14	21.10	0.32	ppb
Beryllium	9-1	0.13	0.04	0.05	0.07	67.29	ppb
Bismuth	209-1				115		%
Bismuth	209-2				112		%
Boron	11-1	5.91	5.82	5.27	5.67	6.07	ppb
Boron	10-1	5.89	6.00	6.31	6.07	3.54	ppb
Cadmium	106-1	-1.99	-0.96	-2.45	-1.80		ppb
Cadmium	108-1	0.05	-0.07	0.12	0.03	287.85	ppb
Cadmium	111-1	-0.08	0.00	-0.11	-0.06		ppb
Calcium	43-1	11672.80	11548.04	11759.57	11660.14	0.91	ppb
Calcium	44-1	11971.22	11833.13	11888.43	11897.59	0.58	ppb
Chromium	52-2	-0.17	-0.29	-0.21	-0.23		ppb
Cobalt	59-2	0.50	0.46	0.45	0.47	4.97	ppb
Copper	63-2	1.54	1.48	1.53	1.52	2.01	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				114		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	420.06	429.99	431.90	427.32	1.49	ppb
Iron	57-2	408.58	462.43	439.02	436.67	6.18	ppb
Lead	206-1	1.84	1.80	1.83	1.83	1.12	ppb
Lead	207-1	1.56	1.61	1.57	1.58	1.59	ppb
Lead	208-1	1.71	1.69	1.69	1.70	0.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	2958.35	2946.59	2979.35	2961.43	0.56	ppb
Manganese	55-2	157.14	156.44	157.21	156.93	0.27	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-14	Instrumnet Name :	P8
Client Sample ID :	MH0CK0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:40:14	DataFile Name :	061SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.40	1.40	1.44	1.41	1.88	ppb
Molybdenum	94-1	0.59	0.57	0.57	0.58	2.51	ppb
Molybdenum	95-1	1.36	1.38	1.48	1.40	4.43	ppb
Molybdenum	96-1	1.23	1.24	1.17	1.21	3.05	ppb
Molybdenum	97-1	1.30	1.33	1.36	1.33	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.50	0.45	0.48	5.37	ppb
Phosphorus	31-2	14.85	0.09	0.18	5.04	168.47	ppb
Potassium	39-2	3323.73	3437.13	3531.12	3430.66	3.03	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	2.53	2.59	6.67	3.93	60.40	ppb
Selenium	78-2	-0.01	0.00	0.00	0.00		ppb
Selenium	82-1	0.26	0.02	0.55	0.28	94.44	ppb
Silicon	28-1	5471.19	5471.05	5502.19	5481.48	0.33	ppb
Silver	109-1	0.14	0.09	0.09	0.10	26.24	ppb
Silver	107-1	0.11	0.08	0.10	0.10	16.66	ppb
Sodium	23-2	3056.10	3100.27	3128.58	3094.98	1.18	ppb
Strontium	86-1	96.18	98.79	96.82	97.26	1.40	ppb
Strontium	88-1	102.26	103.32	101.76	102.45	0.78	ppb
Sulfur	34-1	6050.57	5951.81	6162.24	6054.87	1.74	ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.01	0.01	93.66	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.09	0.09	0.13	0.10	21.60	ppb
Titanium	47-1	0.34	0.40	0.32	0.35	12.07	ppb
Uranium	238-1	0.25	0.24	0.27	0.26	4.58	ppb
Vanadium	51-2	0.11	0.15	0.10	0.12	21.82	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	33.68	34.19	34.39	34.09	1.07	ppb
Zirconium	90-1	0.29	0.46	0.20	0.31	42.94	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-14	Instrumnet Name :	P8
Client Sample ID :	MH0CK0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:40:14	DataFile Name :	061SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.25	0.14	0.21	30.65	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-15	Instrumnet Name :	P8
Client Sample ID :	MH0CK2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:43:21	DataFile Name :	062SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.19	39.15	43.70	42.35	6.56	ppb
Antimony	121-1	0.37	0.38	0.43	0.39	7.73	ppb
Arsenic	75-2	1.26	1.01	1.24	1.17	11.46	ppb
Barium	135-1	27.29	28.70	28.03	28.01	2.53	ppb
Barium	137-1	27.74	28.12	27.48	27.78	1.16	ppb
Beryllium	9-1	0.14	0.22	0.10	0.15	40.03	ppb
Bismuth	209-1				119		%
Bismuth	209-2				115		%
Boron	11-1	5.47	5.54	5.14	5.39	3.98	ppb
Boron	10-1	5.76	5.32	5.52	5.53	4.00	ppb
Cadmium	106-1	-1.96	-1.63	-0.92	-1.50		ppb
Cadmium	108-1	0.20	0.17	0.20	0.19	8.71	ppb
Cadmium	111-1	0.02	0.04	0.12	0.06	83.74	ppb
Calcium	43-1	13634.56	13503.95	13673.36	13603.95	0.65	ppb
Calcium	44-1	13645.42	13725.76	13783.30	13718.16	0.50	ppb
Chromium	52-2	-0.12	-0.19	-0.06	-0.12		ppb
Cobalt	59-2	4.01	4.30	4.69	4.34	7.86	ppb
Copper	63-2	2.48	2.47	2.83	2.60	7.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	56-2	216.84	224.71	245.02	228.86	6.35	ppb
Iron	57-2	208.49	233.11	241.62	227.74	7.55	ppb
Lead	206-1	0.68	0.60	0.67	0.65	6.34	ppb
Lead	207-1	0.62	0.59	0.61	0.61	2.81	ppb
Lead	208-1	0.64	0.61	0.64	0.63	3.02	ppb
Lithium	6-1				106		%
Magnesium	24-2	3049.53	3122.52	3421.04	3197.70	6.16	ppb
Manganese	55-2	141.87	149.96	161.66	151.16	6.58	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-15	Instrumnet Name :	P8
Client Sample ID :	MH0CK2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:43:21	DataFile Name :	062SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.30	2.36	2.34	2.33	1.37	ppb
Molybdenum	94-1	0.89	0.89	0.77	0.85	7.94	ppb
Molybdenum	95-1	2.28	2.46	2.26	2.33	4.74	ppb
Molybdenum	96-1	1.99	2.07	1.95	2.00	2.86	ppb
Molybdenum	97-1	2.25	2.34	2.21	2.27	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.37	1.59	1.44	8.90	ppb
Phosphorus	31-2	-1.11	14.35	-15.11	-0.63		ppb
Potassium	39-2	3544.66	3754.31	4019.07	3772.68	6.30	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	2.37	6.30	2.73	3.80	57.12	ppb
Selenium	78-2	1.78	-0.03	0.02	0.59	173.55	ppb
Selenium	82-1	0.17	-0.05	-0.17	-0.02		ppb
Silicon	28-1	5396.79	5392.48	5430.62	5406.63	0.39	ppb
Silver	109-1	0.18	0.14	0.15	0.16	14.07	ppb
Silver	107-1	0.17	0.16	0.16	0.16	5.51	ppb
Sodium	23-2	7750.63	8103.69	8810.38	8221.57	6.56	ppb
Strontium	86-1	106.02	108.57	105.05	106.55	1.71	ppb
Strontium	88-1	109.80	110.33	109.46	109.86	0.40	ppb
Sulfur	34-1	11422.96	11390.40	11677.39	11496.91	1.37	ppb
Terbium	159-1				117		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.00	0.03	0.02	81.10	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00		ppb
Tin	118-1	0.05	0.05	0.04	0.05	5.60	ppb
Titanium	47-1	0.50	0.51	0.53	0.51	3.04	ppb
Uranium	238-1	0.42	0.41	0.42	0.42	1.65	ppb
Vanadium	51-2	0.12	0.11	0.08	0.10	22.25	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	53.84	56.45	61.05	57.11	6.39	ppb
Zirconium	90-1	0.23	0.29	0.25	0.26	12.98	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-15	Instrumnet Name :	P8
Client Sample ID :	MH0CK2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:43:21	DataFile Name :	062SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.24	0.35	0.27	26.23	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-16 Instrumnet Name : P8
 Client Sample ID : MH0CK4 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:46:28 DataFile Name : 063SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	128.28	93.99	160.02	127.43	25.92	ppb
Antimony	121-1	0.50	0.48	0.50	0.49	2.50	ppb
Arsenic	75-2	9.17	9.51	8.87	9.18	3.46	ppb
Barium	135-1	55.99	56.50	54.74	55.74	1.62	ppb
Barium	137-1	55.44	55.53	55.30	55.42	0.21	ppb
Beryllium	9-1	0.06	0.10	0.02	0.06	69.44	ppb
Bismuth	209-1				117		%
Bismuth	209-2				113		%
Boron	11-1	6.04	6.63	6.53	6.40	4.95	ppb
Boron	10-1	7.57	5.99	7.81	7.12	13.87	ppb
Cadmium	106-1	-0.33	-1.79	-0.16	-0.76		ppb
Cadmium	108-1	0.17	0.17	0.11	0.15	22.91	ppb
Cadmium	111-1	0.04	-0.09	0.04	0.00		ppb
Calcium	43-1	33695.58	34144.82	34699.33	34179.91	1.47	ppb
Calcium	44-1	34073.22	34372.99	34754.16	34400.12	0.99	ppb
Chromium	52-2	-0.25	-0.19	-0.20	-0.21		ppb
Cobalt	59-2	0.28	0.28	0.31	0.29	6.19	ppb
Copper	63-2	1.78	1.72	1.68	1.73	2.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	354.75	369.48	367.72	363.99	2.21	ppb
Iron	57-2	347.06	352.76	358.03	352.62	1.56	ppb
Lead	206-1	1.26	1.30	1.27	1.27	1.58	ppb
Lead	207-1	1.22	1.22	1.25	1.23	1.25	ppb
Lead	208-1	1.26	1.27	1.44	1.32	7.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	8025.99	8415.91	8267.72	8236.54	2.39	ppb
Manganese	55-2	171.62	180.82	176.64	176.36	2.61	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-16	Instrumnet Name :	P8
Client Sample ID :	MH0CK4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:46:28	DataFile Name :	063SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.11	0.09	0.11	0.10	14.61	ppb
Molybdenum	94-1	0.09	0.16	0.12	0.12	29.30	ppb
Molybdenum	95-1	0.12	0.12	0.10	0.11	9.48	ppb
Molybdenum	96-1	0.15	0.11	1.96	0.74	142.36	ppb
Molybdenum	97-1	0.14	0.09	0.07	0.10	35.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.70	1.59	1.78	1.69	5.78	ppb
Phosphorus	31-2	-15.11	0.12	0.06	-4.98		ppb
Potassium	39-2	6947.35	7181.22	7150.97	7093.18	1.79	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	-1.48	2.61	2.56	1.23	191.02	ppb
Selenium	78-2	-0.02	0.00	0.00	-0.01		ppb
Selenium	82-1	1.46	-0.12	0.33	0.56	145.78	ppb
Silicon	28-1	622.01	720.06	703.77	681.95	7.71	ppb
Silver	109-1	0.09	0.12	0.11	0.11	11.24	ppb
Silver	107-1	0.11	0.11	0.10	0.10	8.05	ppb
Sodium	23-2	3679.71	3862.64	3795.96	3779.44	2.45	ppb
Strontium	86-1	216.66	217.04	221.11	218.27	1.13	ppb
Strontium	88-1	223.47	224.56	228.25	225.42	1.11	ppb
Sulfur	34-1	29990.42	30302.50	31146.19	30479.70	1.96	ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.03	0.04	0.04	20.00	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	11.92	ppb
Tin	118-1	0.05	0.07	0.05	0.06	15.59	ppb
Titanium	47-1	1.34	1.07	1.23	1.22	11.04	ppb
Uranium	238-1	0.11	0.12	0.12	0.12	5.36	ppb
Vanadium	51-2	0.07	0.10	0.06	0.08	27.82	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	44.64	45.90	47.56	46.03	3.18	ppb
Zirconium	90-1	0.17	0.29	0.26	0.24	25.33	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-16	Instrumnet Name :	P8
Client Sample ID :	MH0CK4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:46:28	DataFile Name :	063SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.17	0.22	0.21	14.14	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-17 Instrumnet Name : P8
 Client Sample ID : MH0CK5 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:49:35 DataFile Name : 064SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	924.97	944.75	961.94	943.89	1.96	ppb
Antimony	121-1	0.25	0.26	0.25	0.25	3.33	ppb
Arsenic	75-2	0.66	0.77	0.57	0.67	14.84	ppb
Barium	135-1	55.26	55.82	55.23	55.43	0.60	ppb
Barium	137-1	55.21	56.37	56.30	55.96	1.16	ppb
Beryllium	9-1	0.81	0.64	0.82	0.76	13.18	ppb
Bismuth	209-1				119		%
Bismuth	209-2				117		%
Boron	11-1	4.26	3.56	4.40	4.07	10.96	ppb
Boron	10-1	5.06	5.32	5.56	5.31	4.70	ppb
Cadmium	106-1	-2.34	-0.90	-1.82	-1.69		ppb
Cadmium	108-1	0.47	0.38	0.60	0.48	22.62	ppb
Cadmium	111-1	0.12	0.18	0.17	0.16	21.28	ppb
Calcium	43-1	8122.53	8303.29	8278.65	8234.82	1.19	ppb
Calcium	44-1	8481.66	8350.00	8426.72	8419.46	0.79	ppb
Chromium	52-2	-0.26	-0.23	-0.26	-0.25		ppb
Cobalt	59-2	0.93	0.95	0.96	0.95	1.67	ppb
Copper	63-2	3.08	2.88	3.09	3.02	4.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	738.81	742.17	735.71	738.90	0.44	ppb
Iron	57-2	762.72	732.88	757.87	751.16	2.13	ppb
Lead	206-1	4.15	4.22	4.22	4.20	0.97	ppb
Lead	207-1	3.85	3.86	3.98	3.90	1.83	ppb
Lead	208-1	4.07	4.11	4.14	4.11	0.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	2038.48	2031.87	1918.41	1996.25	3.38	ppb
Manganese	55-2	166.72	165.04	160.26	164.01	2.04	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-17	Instrumnet Name :	P8
Client Sample ID :	MH0CK5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:49:35	DataFile Name :	064SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.09	0.09	0.06	0.08	21.56	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.00	116.96	ppb
Molybdenum	96-1	0.01	0.02	0.00	0.01	84.71	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	279.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.55	1.30	1.38	10.39	ppb
Phosphorus	31-2	14.30	14.32	-0.59	9.34	92.03	ppb
Potassium	39-2	4707.75	4647.42	4594.57	4649.91	1.22	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	28.64	32.78	13.53	24.98	40.56	ppb
Selenium	78-2	4.67	2.94	3.48	3.70	23.96	ppb
Selenium	82-1	1.10	0.78	-0.37	0.50	153.86	ppb
Silicon	28-1	9475.75	9532.93	9613.74	9540.81	0.73	ppb
Silver	109-1	0.08	0.08	0.09	0.08	3.53	ppb
Silver	107-1	0.07	0.09	0.10	0.08	16.49	ppb
Sodium	23-2	1713.49	1717.53	1693.74	1708.25	0.75	ppb
Strontium	86-1	61.90	61.71	62.41	62.01	0.58	ppb
Strontium	88-1	63.45	63.17	63.42	63.35	0.24	ppb
Sulfur	34-1	9913.51	10155.06	10146.59	10071.72	1.36	ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.20	0.19	0.18	0.19	4.51	ppb
Thallium	205-1	0.17	0.20	0.18	0.19	7.01	ppb
Tin	118-1	0.05	0.05	0.02	0.04	43.93	ppb
Titanium	47-1	0.47	0.38	0.32	0.39	19.61	ppb
Uranium	238-1	1.58	1.62	1.62	1.61	1.52	ppb
Vanadium	51-2	0.07	0.05	0.07	0.06	19.24	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	157.87	154.85	158.33	157.02	1.20	ppb
Zirconium	90-1	0.15	0.13	0.13	0.14	8.48	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-17	Instrumnet Name :	P8
Client Sample ID :	MH0CK5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:49:35	DataFile Name :	064SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.10	0.15	0.14	20.44	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-18 Instrumnet Name : P8
 Client Sample ID : MH0CK8 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:52:42 DataFile Name : 065SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.83	90.75	116.55	96.04	19.20	ppb
Antimony	121-1	2.48	2.66	2.60	2.58	3.59	ppb
Arsenic	75-2	7.88	8.55	8.47	8.30	4.43	ppb
Barium	135-1	39.95	41.88	41.32	41.05	2.42	ppb
Barium	137-1	40.97	42.38	41.91	41.75	1.71	ppb
Beryllium	9-1	0.14	0.16	0.13	0.14	12.49	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	11-1	16.65	17.74	17.14	17.18	3.19	ppb
Boron	10-1	18.09	18.74	16.39	17.74	6.83	ppb
Cadmium	106-1	-2.11	-1.20	-1.40	-1.57		ppb
Cadmium	108-1	1.85	1.90	1.80	1.85	2.78	ppb
Cadmium	111-1	0.01	0.06	0.06	0.04	74.44	ppb
Calcium	43-1	73375.08	76378.75	76014.50	75256.11	2.18	ppb
Calcium	44-1	72127.71	75143.02	73955.71	73742.15	2.06	ppb
Chromium	52-2	12.74	12.89	12.73	12.79	0.71	ppb
Cobalt	59-2	52.93	53.92	52.99	53.28	1.04	ppb
Copper	63-2	44.53	45.78	45.02	45.11	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	393.62	408.41	402.01	401.35	1.85	ppb
Iron	57-2	405.74	389.84	398.78	398.12	2.00	ppb
Lead	206-1	0.78	0.79	0.81	0.80	2.03	ppb
Lead	207-1	0.71	0.75	0.72	0.73	2.81	ppb
Lead	208-1	0.75	0.80	0.81	0.79	3.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	4086.29	4176.53	4107.95	4123.59	1.14	ppb
Manganese	55-2	772.14	793.42	772.74	779.43	1.55	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-18	Instrumnet Name :	P8
Client Sample ID :	MH0CK8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:52:42	DataFile Name :	065SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	239.87	247.91	243.03	243.60	1.66	ppb
Molybdenum	94-1	70.53	73.87	73.25	72.55	2.44	ppb
Molybdenum	95-1	231.15	239.06	236.99	235.74	1.74	ppb
Molybdenum	96-1	191.79	197.57	196.75	195.37	1.60	ppb
Molybdenum	97-1	231.88	238.04	237.35	235.76	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.00	15.68	15.07	15.25	2.45	ppb
Phosphorus	31-2	14.28	31.20	43.83	29.77	49.81	ppb
Potassium	39-2	5663.20	5755.94	5633.97	5684.37	1.12	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	2.53	2.65	2.57	2.58	2.46	ppb
Selenium	78-2	2.51	3.90	2.54	2.98	26.65	ppb
Selenium	82-1	1.52	0.66	1.15	1.11	38.86	ppb
Silicon	28-1	9194.13	9550.70	9376.88	9373.90	1.90	ppb
Silver	109-1	14.51	15.36	15.08	14.98	2.90	ppb
Silver	107-1	14.53	15.13	15.15	14.94	2.34	ppb
Sodium	23-2	87658.38	89688.56	87029.55	88125.49	1.58	ppb
Strontium	86-1	281.79	291.23	286.07	286.36	1.65	ppb
Strontium	88-1	289.20	297.38	294.99	293.85	1.43	ppb
Sulfur	34-1	72935.13	76884.98	75525.71	75115.27	2.67	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.07	0.10	0.08	17.61	ppb
Thallium	205-1	0.06	0.07	0.07	0.06	3.94	ppb
Tin	118-1	0.06	0.09	0.09	0.08	18.33	ppb
Titanium	47-1	0.70	0.93	0.73	0.79	15.87	ppb
Uranium	238-1	23.26	24.27	23.84	23.79	2.13	ppb
Vanadium	51-2	3.32	3.43	3.25	3.33	2.71	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	18.36	19.22	18.29	18.62	2.78	ppb
Zirconium	90-1	0.39	0.44	0.46	0.43	9.07	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-18	Instrumnet Name :	P8
Client Sample ID :	MH0CK8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:52:42	DataFile Name :	065SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.34	0.44	0.40	0.39	12.41	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-01	Instrumnet Name :	P8
Client Sample ID :	MH0CG7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:55:49	DataFile Name :	066SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.39	22.55	13.19	19.04	26.81	ppb
Antimony	121-1	0.40	0.45	0.43	0.42	5.76	ppb
Arsenic	75-2	0.78	0.86	0.91	0.85	7.60	ppb
Barium	135-1	27.38	28.58	26.51	27.49	3.80	ppb
Barium	137-1	28.01	28.36	26.30	27.56	4.00	ppb
Beryllium	9-1	0.23	0.21	0.09	0.18	41.92	ppb
Bismuth	209-1				117		%
Bismuth	209-2				118		%
Boron	11-1	5.14	5.83	5.47	5.48	6.32	ppb
Boron	10-1	6.00	6.45	5.83	6.09	5.27	ppb
Cadmium	106-1	-1.49	-1.53	-1.91	-1.64		ppb
Cadmium	108-1	0.21	0.12	0.20	0.18	29.41	ppb
Cadmium	111-1	0.06	0.05	0.02	0.04	47.88	ppb
Calcium	43-1	13395.51	13832.63	13084.54	13437.56	2.80	ppb
Calcium	44-1	13633.98	14140.30	13385.77	13720.02	2.80	ppb
Chromium	52-2	-0.20	-0.16	-0.08	-0.15		ppb
Cobalt	59-2	4.13	4.07	4.27	4.16	2.37	ppb
Copper	63-2	2.17	2.38	2.39	2.32	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	88.50	87.66	86.68	87.62	1.04	ppb
Iron	57-2	83.62	86.35	89.71	86.56	3.53	ppb
Lead	206-1	0.38	0.39	0.37	0.38	2.56	ppb
Lead	207-1	0.37	0.38	0.36	0.37	1.80	ppb
Lead	208-1	0.37	0.38	0.38	0.38	1.21	ppb
Lithium	6-1				103		%
Magnesium	24-2	3033.45	3122.08	3101.90	3085.81	1.51	ppb
Manganese	55-2	133.89	133.44	133.66	133.66	0.17	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-01	Instrumnet Name :	P8
Client Sample ID :	MH0CG7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:55:49	DataFile Name :	066SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.37	2.38	2.24	2.33	3.25	ppb
Molybdenum	94-1	0.82	0.84	0.85	0.84	1.94	ppb
Molybdenum	95-1	2.21	2.37	2.26	2.28	3.40	ppb
Molybdenum	96-1	1.99	1.91	2.02	1.97	2.90	ppb
Molybdenum	97-1	2.38	2.47	2.31	2.38	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.43	1.44	1.39	5.29	ppb
Phosphorus	31-2	-0.72	-0.66	-0.55	-0.64		ppb
Potassium	39-2	3620.84	3581.26	3712.36	3638.15	1.85	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-0.03	0.57	-0.03	0.17	204.34	ppb
Selenium	82-1	0.31	-0.14	0.67	0.28	145.99	ppb
Silicon	28-1	5230.13	5466.69	5151.73	5282.85	3.10	ppb
Silver	109-1	0.13	0.13	0.10	0.12	11.93	ppb
Silver	107-1	0.11	0.13	0.12	0.12	7.96	ppb
Sodium	23-2	7672.68	7758.03	7771.29	7734.00	0.69	ppb
Strontium	86-1	106.46	105.83	105.53	105.94	0.45	ppb
Strontium	88-1	111.64	112.14	108.08	110.62	2.00	ppb
Sulfur	34-1	11173.48	11811.12	10829.21	11271.27	4.42	ppb
Terbium	159-1				115		%
Terbium	159-2				112		%
Thallium	203-1	0.02	0.02	0.01	0.02	22.27	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.91	ppb
Tin	118-1	0.08	0.08	0.05	0.07	23.97	ppb
Titanium	47-1	0.15	0.14	0.38	0.22	60.71	ppb
Uranium	238-1	0.38	0.36	0.33	0.35	7.32	ppb
Vanadium	51-2	0.05	0.04	0.12	0.07	65.70	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	50.88	52.13	54.29	52.44	3.28	ppb
Zirconium	90-1	1.51	0.24	0.31	0.69	104.89	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-01	Instrumnet Name :	P8
Client Sample ID :	MH0CG7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:55:49	DataFile Name :	066SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.22	0.19	0.20	5.40	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-02	Instrumnet Name :	P8
Client Sample ID :	MH0CH0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:58:55	DataFile Name :	067SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.84	8.95	14.48	10.42	34.16	ppb
Antimony	121-1	0.40	0.40	0.42	0.41	3.20	ppb
Arsenic	75-2	1.19	1.19	1.39	1.26	9.10	ppb
Barium	135-1	19.83	20.46	20.72	20.34	2.25	ppb
Barium	137-1	20.51	20.17	20.95	20.54	1.90	ppb
Beryllium	9-1	0.09	0.11	0.14	0.11	23.64	ppb
Bismuth	209-1				116		%
Bismuth	209-2				116		%
Boron	11-1	4.63	4.39	4.82	4.61	4.62	ppb
Boron	10-1	5.04	4.82	6.22	5.36	14.11	ppb
Cadmium	106-1	-2.20	-2.17	-2.56	-2.31		ppb
Cadmium	108-1	0.11	0.14	0.18	0.15	25.00	ppb
Cadmium	111-1	-0.10	-0.12	-0.13	-0.12		ppb
Calcium	43-1	14886.48	14961.70	15826.74	15224.97	3.43	ppb
Calcium	44-1	15012.21	15061.51	15801.02	15291.58	2.89	ppb
Chromium	52-2	-0.07	-0.16	-0.13	-0.12		ppb
Cobalt	59-2	0.82	0.81	0.82	0.82	0.99	ppb
Copper	63-2	1.88	1.81	1.71	1.80	4.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	230.52	223.40	228.88	227.60	1.64	ppb
Iron	57-2	224.46	213.22	227.15	221.61	3.33	ppb
Lead	206-1	0.11	0.14	0.10	0.11	16.60	ppb
Lead	207-1	0.09	0.10	0.10	0.10	6.87	ppb
Lead	208-1	0.11	0.11	0.11	0.11	4.45	ppb
Lithium	6-1				104		%
Magnesium	24-2	2769.38	2720.97	2807.17	2765.84	1.56	ppb
Manganese	55-2	277.65	278.58	281.10	279.11	0.64	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-02	Instrumnet Name :	P8
Client Sample ID :	MH0CH0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:58:55	DataFile Name :	067SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.10	0.07	0.07	31.47	ppb
Molybdenum	94-1	0.17	0.14	0.18	0.16	12.80	ppb
Molybdenum	95-1	0.08	0.09	0.08	0.08	11.64	ppb
Molybdenum	96-1	0.11	0.10	0.09	0.10	8.56	ppb
Molybdenum	97-1	0.06	0.08	0.09	0.08	19.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.83	0.99	0.84	16.84	ppb
Phosphorus	31-2	-0.59	-0.54	-15.11	-5.42		ppb
Potassium	39-2	3453.67	3442.42	3501.00	3465.70	0.90	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	6.30	-1.48	2.46	2.43	160.38	ppb
Selenium	78-2	1.19	1.21	-0.02	0.80	88.62	ppb
Selenium	82-1	-0.08	-0.13	0.18	-0.01		ppb
Silicon	28-1	2216.63	2189.56	2307.30	2237.83	2.76	ppb
Silver	109-1	0.08	0.07	0.08	0.08	5.82	ppb
Silver	107-1	0.06	0.07	0.09	0.07	21.00	ppb
Sodium	23-2	1679.10	1702.19	1688.00	1689.76	0.69	ppb
Strontium	86-1	63.50	63.62	65.11	64.08	1.40	ppb
Strontium	88-1	63.81	64.35	67.50	65.22	3.06	ppb
Sulfur	34-1	8634.74	8631.40	9904.68	9056.94	8.11	ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.07	0.07	0.10	0.08	17.47	ppb
Titanium	47-1	0.17	0.21	0.09	0.16	37.54	ppb
Uranium	238-1	0.12	0.13	0.13	0.12	3.45	ppb
Vanadium	51-2	0.03	0.08	0.06	0.06	43.56	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	13.99	13.77	15.00	14.25	4.63	ppb
Zirconium	90-1	0.32	0.24	0.23	0.27	18.59	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-02	Instrumnet Name :	P8
Client Sample ID :	MH0CH0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:58:55	DataFile Name :	067SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.20	0.24	0.23	11.52	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-03 Instrumnet Name : P8
 Client Sample ID : MH0CH2 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:02:02 DataFile Name : 068SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	484.18	493.22	501.49	492.96	1.76	ppb
Antimony	121-1	0.24	0.28	0.27	0.26	7.33	ppb
Arsenic	75-2	0.41	0.44	0.52	0.46	11.74	ppb
Barium	135-1	49.35	49.83	50.68	49.95	1.35	ppb
Barium	137-1	49.87	50.20	50.92	50.33	1.07	ppb
Beryllium	9-1	1.16	1.20	1.23	1.20	2.82	ppb
Bismuth	209-1				119		%
Bismuth	209-2				117		%
Boron	11-1	3.82	3.39	3.97	3.73	8.01	ppb
Boron	10-1	4.14	4.66	4.42	4.41	5.91	ppb
Cadmium	106-1	-1.75	-2.84	-0.05	-1.55		ppb
Cadmium	108-1	0.35	0.44	0.33	0.37	16.45	ppb
Cadmium	111-1	0.26	0.17	0.46	0.30	50.31	ppb
Calcium	43-1	7875.93	7890.06	7803.89	7856.63	0.59	ppb
Calcium	44-1	8085.32	8055.07	8002.57	8047.65	0.52	ppb
Chromium	52-2	-0.20	-0.33	-0.25	-0.26		ppb
Cobalt	59-2	2.28	2.09	2.19	2.19	4.30	ppb
Copper	63-2	4.13	4.13	4.10	4.12	0.37	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				117		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	79.71	77.70	78.26	78.56	1.32	ppb
Iron	57-2	78.87	76.71	84.59	80.06	5.09	ppb
Lead	206-1	1.05	1.03	1.03	1.04	0.86	ppb
Lead	207-1	0.93	0.93	0.95	0.94	1.04	ppb
Lead	208-1	1.00	0.98	1.02	1.00	2.10	ppb
Lithium	6-1				105		%
Magnesium	24-2	1962.25	1927.05	1978.49	1955.93	1.34	ppb
Manganese	55-2	241.59	232.74	240.14	238.15	1.99	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-03	Instrumnet Name :	P8
Client Sample ID :	MH0CH2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:02:02	DataFile Name :	068SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.07	0.06	0.06	0.06	11.77	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	210.85	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	18.34	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.28	2.04	2.07	2.13	6.23	ppb
Phosphorus	31-2	-15.11	28.30	14.57	9.25	239.90	ppb
Potassium	39-2	4415.23	4277.80	4370.69	4354.58	1.61	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	10.01	36.70	33.03	26.58	54.43	ppb
Selenium	78-2	0.56	3.55	4.77	2.96	73.10	ppb
Selenium	82-1	0.94	0.26	0.73	0.64	54.38	ppb
Silicon	28-1	10372.91	10259.87	10278.14	10303.64	0.59	ppb
Silver	109-1	0.05	0.09	0.08	0.07	29.99	ppb
Silver	107-1	0.09	0.06	0.09	0.08	21.39	ppb
Sodium	23-2	1961.25	1907.36	1970.97	1946.53	1.76	ppb
Strontium	86-1	59.04	59.50	60.14	59.56	0.92	ppb
Strontium	88-1	60.89	60.54	61.02	60.82	0.40	ppb
Sulfur	34-1	8803.48	8699.33	8331.45	8611.42	2.88	ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.14	0.14	0.16	0.15	8.32	ppb
Thallium	205-1	0.12	0.14	0.14	0.13	8.53	ppb
Tin	118-1	0.01	0.04	0.04	0.03	48.67	ppb
Titanium	47-1	0.34	0.36	0.31	0.33	7.61	ppb
Uranium	238-1	0.83	0.82	0.84	0.83	1.13	ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	20.78	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	162.52	161.84	161.41	161.92	0.34	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	8.94	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-03	Instrumnet Name :	P8
Client Sample ID :	MH0CH2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:02:02	DataFile Name :	068SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.08	0.09	14.15	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-04 Instrumnet Name : P8
 Client Sample ID : MH0CH3 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:05:09 DataFile Name : 069SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	239.58	264.49	263.87	255.98	5.55	ppb
Antimony	121-1	0.26	0.26	0.23	0.25	7.08	ppb
Arsenic	75-2	0.63	0.82	0.64	0.69	15.51	ppb
Barium	135-1	63.93	64.43	62.76	63.71	1.35	ppb
Barium	137-1	63.51	63.44	63.29	63.41	0.17	ppb
Beryllium	9-1	0.57	0.50	0.52	0.53	6.83	ppb
Bismuth	209-1				119		%
Bismuth	209-2				118		%
Boron	11-1	5.08	6.54	4.64	5.42	18.26	ppb
Boron	10-1	5.62	5.87	5.89	5.80	2.57	ppb
Cadmium	106-1	-1.93	-1.15	-1.81	-1.63		ppb
Cadmium	108-1	0.02	0.08	0.05	0.05	61.26	ppb
Cadmium	111-1	-0.04	0.02	-0.04	-0.02		ppb
Calcium	43-1	11422.45	11046.88	11445.94	11305.09	1.98	ppb
Calcium	44-1	11530.89	11412.93	11614.00	11519.27	0.88	ppb
Chromium	52-2	-0.26	-0.29	-0.18	-0.24		ppb
Cobalt	59-2	1.06	1.05	0.96	1.02	5.42	ppb
Copper	63-2	3.39	3.28	3.39	3.36	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	4449.53	4526.29	4475.41	4483.74	0.87	ppb
Iron	57-2	4386.93	4421.47	4349.67	4386.02	0.82	ppb
Lead	206-1	1.70	1.74	1.71	1.71	1.38	ppb
Lead	207-1	1.66	1.53	1.66	1.62	4.65	ppb
Lead	208-1	1.71	1.64	1.65	1.67	2.13	ppb
Lithium	6-1				105		%
Magnesium	24-2	2768.47	2835.94	2767.81	2790.74	1.40	ppb
Manganese	55-2	343.10	344.11	340.18	342.46	0.60	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-04	Instrumnet Name :	P8
Client Sample ID :	MH0CH3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:05:09	DataFile Name :	069SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	94-1	0.12	0.09	0.13	0.12	17.85	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	28.20	ppb
Molybdenum	96-1	0.04	0.06	0.06	0.05	26.32	ppb
Molybdenum	97-1	-0.01	0.02	0.00	0.00	322.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.47	0.53	0.53	11.24	ppb
Phosphorus	31-2	-0.67	-15.11	-0.61	-5.47		ppb
Potassium	39-2	5778.80	5805.34	5687.19	5757.11	1.08	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	6.11	-1.48	6.24	3.62	122.00	ppb
Selenium	78-2	1.74	1.79	1.18	1.57	21.67	ppb
Selenium	82-1	-0.39	0.22	-0.27	-0.14		ppb
Silicon	28-1	5787.32	5677.19	5820.39	5761.63	1.30	ppb
Silver	109-1	0.07	0.09	0.06	0.08	19.94	ppb
Silver	107-1	0.09	0.07	0.07	0.08	12.27	ppb
Sodium	23-2	1649.85	1649.68	1627.38	1642.31	0.79	ppb
Strontium	86-1	84.58	85.29	85.74	85.20	0.69	ppb
Strontium	88-1	89.13	89.66	89.70	89.50	0.35	ppb
Sulfur	34-1	15351.06	14417.46	15601.12	15123.21	4.13	ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.06	0.07	0.05	0.06	15.39	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	19.68	ppb
Tin	118-1	0.04	0.05	0.04	0.04	7.54	ppb
Titanium	47-1	0.41	0.19	0.20	0.27	45.54	ppb
Uranium	238-1	0.40	0.39	0.41	0.40	2.20	ppb
Vanadium	51-2	0.02	0.06	0.05	0.04	50.12	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	70.21	73.12	71.72	71.68	2.03	ppb
Zirconium	90-1	0.20	0.17	0.19	0.19	6.73	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-04	Instrumnet Name :	P8
Client Sample ID :	MH0CH3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:05:09	DataFile Name :	069SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.17	0.16	0.17	4.03	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:08:15	DataFile Name :	070SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48798.05	48257.53	48902.22	48652.60	0.71	ppb
Antimony	121-1	502.09	492.15	501.46	498.57	1.12	ppb
Arsenic	75-2	506.42	506.84	509.48	507.58	0.33	ppb
Barium	135-1	2530.68	2546.35	2540.29	2539.11	0.31	ppb
Barium	137-1	2501.60	2529.23	2516.25	2515.69	0.55	ppb
Beryllium	9-1	532.35	529.07	525.85	529.09	0.61	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	11-1	513.17	514.70	518.41	515.43	0.52	ppb
Boron	10-1	523.36	514.63	523.08	520.36	0.95	ppb
Cadmium	106-1	479.55	496.12	493.33	489.66	1.81	ppb
Cadmium	108-1	492.20	493.67	491.41	492.43	0.23	ppb
Cadmium	111-1	487.47	487.88	488.29	487.88	0.08	ppb
Calcium	43-1	240658.17	243553.86	241106.12	241772.72	0.64	ppb
Calcium	44-1	241994.64	242720.99	241051.51	241922.38	0.35	ppb
Chromium	52-2	528.81	522.55	529.49	526.95	0.73	ppb
Cobalt	59-2	508.26	507.09	512.88	509.41	0.60	ppb
Copper	63-2	1032.00	1019.24	1013.20	1021.48	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	125909.47	124756.66	125541.57	125402.57	0.47	ppb
Iron	57-2	128142.46	126778.55	126938.62	127286.54	0.59	ppb
Lead	206-1	519.08	527.96	517.52	521.52	1.08	ppb
Lead	207-1	529.61	529.50	515.12	524.74	1.59	ppb
Lead	208-1	526.54	526.63	518.82	523.99	0.86	ppb
Lithium	6-1				98		%
Magnesium	24-2	247125.65	247213.56	247029.83	247123.01	0.04	ppb
Manganese	55-2	1032.83	1026.50	1040.81	1033.38	0.69	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:08:15	DataFile Name :	070SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	518.57	519.57	515.60	517.91	0.40	ppb
Molybdenum	94-1	515.99	517.86	515.92	516.59	0.21	ppb
Molybdenum	95-1	510.21	511.66	511.18	511.02	0.14	ppb
Molybdenum	96-1	519.82	518.77	514.13	517.58	0.58	ppb
Molybdenum	97-1	500.79	502.63	503.42	502.28	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.10	514.41	515.87	516.13	0.36	ppb
Phosphorus	31-2	10235.18	10151.35	10048.26	10144.93	0.92	ppb
Potassium	39-2	126815.53	125201.12	127083.85	126366.83	0.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	486.43	489.84	437.70	471.32	6.19	ppb
Selenium	78-2	478.59	487.76	477.78	481.38	1.15	ppb
Selenium	82-1	493.21	495.98	498.13	495.77	0.50	ppb
Silicon	28-1	511.19	503.99	514.58	509.92	1.06	ppb
Silver	109-1	499.15	492.91	498.77	496.94	0.70	ppb
Silver	107-1	499.22	502.68	498.88	500.26	0.42	ppb
Sodium	23-2	252177.29	252557.95	252379.92	252371.72	0.08	ppb
Strontium	86-1	511.80	514.97	511.09	512.62	0.40	ppb
Strontium	88-1	518.95	522.34	523.49	521.60	0.45	ppb
Sulfur	34-1	8557.37	8429.81	8532.87	8506.68	0.80	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	531.88	522.10	519.88	524.62	1.22	ppb
Thallium	205-1	519.87	518.56	516.09	518.17	0.37	ppb
Tin	118-1	507.18	513.01	507.96	509.38	0.62	ppb
Titanium	47-1	508.62	501.08	506.89	505.53	0.78	ppb
Uranium	238-1	529.52	525.08	528.91	527.83	0.46	ppb
Vanadium	51-2	524.55	523.31	531.13	526.33	0.80	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	1016.74	1002.16	1015.81	1011.57	0.81	ppb
Zirconium	90-1	515.16	512.26	515.99	514.47	0.38	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:08:15	DataFile Name :	070SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	514.41	510.41	513.39	512.74	0.41	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : CCB031 Instrumnet Name : P8
 Client Sample ID : CCB031 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:11:13 DataFile Name : 071CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	-3.81	-0.48	-1.60		ppb
Antimony	121-1	0.20	0.22	0.23	0.22	5.12	ppb
Arsenic	75-2	-0.06	-0.01	-0.01	-0.02		ppb
Barium	135-1	0.01	-0.01	0.00	0.00	222.99	ppb
Barium	137-1	0.01	0.01	0.02	0.01	53.03	ppb
Beryllium	9-1	0.12	0.08	0.09	0.10	18.23	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	11-1	9.82	10.16	9.09	9.69	5.65	ppb
Boron	10-1	11.23	10.21	8.89	10.11	11.62	ppb
Cadmium	106-1	-2.37	-0.50	-2.38	-1.75		ppb
Cadmium	108-1	0.03	0.09	0.03	0.05	73.25	ppb
Cadmium	111-1	-0.12	0.00	-0.14	-0.09		ppb
Calcium	43-1	-17.22	-16.64	-26.44	-20.10		ppb
Calcium	44-1	-0.32	-1.88	-6.37	-2.86		ppb
Chromium	52-2	-0.04	-0.03	-0.19	-0.08		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.02	0.04	0.03	0.02	174.92	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				110		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	1.57	1.73	1.10	1.47	22.45	ppb
Iron	57-2	2.96	3.59	3.02	3.19	10.90	ppb
Lead	206-1	0.02	0.02	0.02	0.02	14.87	ppb
Lead	207-1	0.04	0.00	0.03	0.03	78.40	ppb
Lead	208-1	0.02	0.02	0.02	0.02	12.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	-5.04	-5.03	-4.06	-4.71		ppb
Manganese	55-2	0.28	0.17	0.15	0.20	35.64	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P8
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:11:13	DataFile Name :	071CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.08	0.07	0.03	0.06	40.71	ppb
Molybdenum	94-1	0.07	0.08	0.06	0.07	11.36	ppb
Molybdenum	95-1	0.13	0.09	0.06	0.09	37.08	ppb
Molybdenum	96-1	0.08	0.09	0.05	0.07	32.11	ppb
Molybdenum	97-1	0.05	0.09	0.04	0.06	42.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.43	-0.45	-0.44		ppb
Phosphorus	31-2	-15.11	-15.11	0.13	-10.03		ppb
Potassium	39-2	-15.09	4.55	-26.22	-12.25		ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	6.64	-1.48	-1.48	1.23	382.27	ppb
Selenium	78-2	0.00	-0.64	-0.64	-0.42		ppb
Selenium	82-1	-0.15	-0.49	0.14	-0.17		ppb
Silicon	28-1	-23.58	-23.14	-23.35	-23.36		ppb
Silver	109-1	0.05	0.05	0.07	0.06	15.49	ppb
Silver	107-1	0.08	0.06	0.05	0.06	23.38	ppb
Sodium	23-2	25.71	22.05	16.72	21.49	21.04	ppb
Strontium	86-1	-0.03	0.02	-0.02	-0.01		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	33.44	ppb
Sulfur	34-1	-2274.30	-2229.21	-2275.94	-2259.82		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.05	0.02	0.03	54.33	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	42.61	ppb
Tin	118-1	0.14	0.14	0.12	0.13	10.16	ppb
Titanium	47-1	-0.03	0.00	0.09	0.02	297.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	162.15	ppb
Vanadium	51-2	-0.02	-0.01	-0.02	-0.02		ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.16	0.24	0.23	0.21	21.41	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	5.96	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P8
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:11:13	DataFile Name :	071CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.04	0.08	0.07	28.36	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-05 Instrumnet Name : P8
 Client Sample ID : MH0CH4 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:17:28 DataFile Name : 073CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	959.69	933.78	968.44	953.97	1.89	ppb
Antimony	121-1	0.43	0.43	0.46	0.44	3.74	ppb
Arsenic	75-2	0.74	0.90	0.96	0.87	13.16	ppb
Barium	135-1	62.05	61.03	61.28	61.46	0.86	ppb
Barium	137-1	61.54	61.71	61.54	61.60	0.16	ppb
Beryllium	9-1	0.67	0.63	0.58	0.63	7.36	ppb
Bismuth	209-1				120		%
Bismuth	209-2				116		%
Boron	11-1	6.59	6.34	6.31	6.41	2.42	ppb
Boron	10-1	6.79	6.35	6.60	6.58	3.35	ppb
Cadmium	106-1	-0.48	-0.98	-1.61	-1.02		ppb
Cadmium	108-1	0.29	0.38	0.35	0.34	13.49	ppb
Cadmium	111-1	0.28	0.23	0.25	0.25	9.85	ppb
Calcium	43-1	9327.18	9186.03	9314.95	9276.05	0.84	ppb
Calcium	44-1	9480.25	9500.34	9409.59	9463.40	0.50	ppb
Chromium	52-2	-0.26	-0.20	-0.31	-0.26		ppb
Cobalt	59-2	0.99	1.05	0.90	0.98	7.58	ppb
Copper	63-2	2.50	2.57	2.43	2.50	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	831.97	855.78	830.29	839.35	1.70	ppb
Iron	57-2	823.32	862.74	880.98	855.68	3.44	ppb
Lead	206-1	6.61	6.64	6.51	6.59	1.08	ppb
Lead	207-1	6.41	6.34	6.20	6.32	1.63	ppb
Lead	208-1	6.50	6.49	6.46	6.48	0.32	ppb
Lithium	6-1				108		%
Magnesium	24-2	2200.82	2272.31	2198.67	2223.93	1.88	ppb
Manganese	55-2	172.31	177.46	170.78	173.52	2.02	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-05	Instrumnet Name :	P8
Client Sample ID :	MH0CH4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:17:28	DataFile Name :	073CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.01	0.00	0.01	87.95	ppb
Molybdenum	94-1	0.12	0.10	0.10	0.11	7.54	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	68.54	ppb
Molybdenum	96-1	0.03	0.05	0.02	0.03	49.66	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	8475.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.28	1.35	1.31	2.78	ppb
Phosphorus	31-2	-0.67	-15.11	14.09	-0.56		ppb
Potassium	39-2	4821.05	4891.01	4831.20	4847.75	0.78	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	35.73	37.74	25.48	32.99	19.94	ppb
Selenium	78-2	3.45	3.67	7.82	4.98	49.48	ppb
Selenium	82-1	0.07	0.32	-0.36	0.01	3924.67	ppb
Silicon	28-1	9106.12	8958.29	9020.27	9028.23	0.82	ppb
Silver	109-1	0.23	0.24	0.21	0.23	7.30	ppb
Silver	107-1	0.24	0.20	0.23	0.22	8.02	ppb
Sodium	23-2	1733.26	1782.71	1762.45	1759.47	1.41	ppb
Strontium	86-1	70.09	69.50	69.20	69.60	0.65	ppb
Strontium	88-1	72.90	73.40	72.39	72.89	0.69	ppb
Sulfur	34-1	12482.77	12083.14	11917.57	12161.16	2.39	ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	0.26	0.27	0.26	0.26	1.03	ppb
Thallium	205-1	0.26	0.25	0.26	0.26	1.93	ppb
Tin	118-1	0.09	0.07	0.08	0.08	15.29	ppb
Titanium	47-1	0.29	0.29	0.44	0.34	24.52	ppb
Uranium	238-1	1.83	1.83	1.83	1.83	0.11	ppb
Vanadium	51-2	0.02	0.02	0.04	0.03	40.77	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	167.46	172.02	168.42	169.30	1.42	ppb
Zirconium	90-1	0.14	0.13	0.12	0.13	5.66	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-05	Instrumnet Name :	P8
Client Sample ID :	MH0CH4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:17:28	DataFile Name :	073CCBE_P8091517- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.12	0.19	0.14	25.97	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:20:36	DataFile Name :	074SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1010.79	920.48	944.14	958.47	4.89	ppb
Antimony	121-1	0.30	0.32	0.34	0.32	6.58	ppb
Arsenic	75-2	0.62	0.67	0.58	0.62	7.23	ppb
Barium	135-1	56.29	57.10	55.70	56.36	1.24	ppb
Barium	137-1	56.28	56.67	55.60	56.18	0.96	ppb
Beryllium	9-1	0.85	0.74	0.81	0.80	6.77	ppb
Bismuth	209-1				119		%
Bismuth	209-2				118		%
Boron	11-1	5.58	5.79	5.09	5.48	6.56	ppb
Boron	10-1	5.97	5.00	5.68	5.55	9.01	ppb
Cadmium	106-1	-2.32	-1.76	-2.61	-2.23		ppb
Cadmium	108-1	0.35	0.51	0.26	0.37	33.84	ppb
Cadmium	111-1	0.15	0.15	0.16	0.16	0.81	ppb
Calcium	43-1	8329.61	8338.15	8291.52	8319.76	0.30	ppb
Calcium	44-1	8494.29	8543.95	8622.37	8553.54	0.75	ppb
Chromium	52-2	3.52	3.35	3.20	3.35	4.76	ppb
Cobalt	59-2	1.03	0.97	0.94	0.98	4.75	ppb
Copper	63-2	3.11	2.80	2.98	2.96	5.29	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				117		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	406.01	406.13	403.76	405.30	0.33	ppb
Iron	57-2	432.18	396.64	402.14	410.32	4.66	ppb
Lead	206-1	3.65	3.79	3.69	3.71	1.94	ppb
Lead	207-1	3.42	3.48	3.46	3.45	0.94	ppb
Lead	208-1	3.55	3.60	3.64	3.60	1.28	ppb
Lithium	6-1				106		%
Magnesium	24-2	2016.30	2005.83	2033.04	2018.39	0.68	ppb
Manganese	55-2	165.69	165.66	166.52	165.96	0.29	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:20:36	DataFile Name :	074SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.02	0.01	0.01	48.70	ppb
Molybdenum	94-1	0.11	0.10	0.10	0.10	1.83	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	14.66	ppb
Molybdenum	96-1	0.06	0.05	0.04	0.05	21.66	ppb
Molybdenum	97-1	0.02	0.00	0.03	0.01	98.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.97	2.96	3.12	3.02	3.07	ppb
Phosphorus	31-2	14.30	-15.11	-0.66	-0.49		ppb
Potassium	39-2	4751.59	4738.86	4668.15	4719.53	0.95	ppb
Rhodium	103-1				110		%
Rhodium	103-2				112		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	24.83	24.99	24.87	24.90	0.33	ppb
Selenium	78-2	6.43	3.51	3.49	4.48	37.77	ppb
Selenium	82-1	0.59	0.25	0.53	0.46	39.66	ppb
Silicon	28-1	9744.21	9690.84	9770.52	9735.19	0.42	ppb
Silver	109-1	0.13	0.14	0.10	0.12	16.48	ppb
Silver	107-1	0.13	0.11	0.13	0.13	9.72	ppb
Sodium	23-2	1783.03	1735.33	1748.46	1755.61	1.40	ppb
Strontium	86-1	62.27	61.62	62.71	62.20	0.88	ppb
Strontium	88-1	63.55	63.97	63.93	63.82	0.37	ppb
Sulfur	34-1	10153.01	9885.47	10155.83	10064.77	1.54	ppb
Terbium	159-1				117		%
Terbium	159-2				111		%
Thallium	203-1	0.23	0.22	0.22	0.22	3.41	ppb
Thallium	205-1	0.21	0.18	0.20	0.20	6.04	ppb
Tin	118-1	0.20	0.22	0.20	0.20	5.04	ppb
Titanium	47-1	0.14	0.17	0.20	0.17	17.48	ppb
Uranium	238-1	1.55	1.56	1.54	1.55	0.69	ppb
Vanadium	51-2	0.03	0.06	0.09	0.06	48.07	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	161.71	158.58	157.56	159.29	1.36	ppb
Zirconium	90-1	0.14	0.14	0.15	0.14	3.27	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:20:36	DataFile Name :	074SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.12	0.12	0.13	20.71	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-07	Instrumnet Name :	P8
Client Sample ID :	MH0CH9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:23:43	DataFile Name :	075SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	778.40	733.13	717.31	742.95	4.27	ppb
Antimony	121-1	0.35	0.36	0.36	0.36	1.68	ppb
Arsenic	75-2	0.64	0.49	0.61	0.58	14.09	ppb
Barium	135-1	52.38	52.65	53.33	52.79	0.93	ppb
Barium	137-1	52.87	53.95	53.15	53.32	1.05	ppb
Beryllium	9-1	0.95	1.03	0.93	0.97	5.83	ppb
Bismuth	209-1				121		%
Bismuth	209-2				117		%
Boron	11-1	5.26	5.59	4.87	5.24	6.84	ppb
Boron	10-1	5.52	5.18	7.32	6.00	19.15	ppb
Cadmium	106-1	-1.16	-1.75	-1.25	-1.39		ppb
Cadmium	108-1	0.31	0.43	0.38	0.37	16.30	ppb
Cadmium	111-1	0.25	0.19	0.25	0.23	13.28	ppb
Calcium	43-1	7864.82	7738.47	7942.11	7848.47	1.31	ppb
Calcium	44-1	8206.01	8085.25	8162.18	8151.15	0.75	ppb
Chromium	52-2	-0.12	0.04	0.02	-0.02		ppb
Cobalt	59-2	1.43	1.49	1.46	1.46	1.91	ppb
Copper	63-2	4.45	4.79	4.42	4.56	4.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	56-2	283.19	284.67	273.68	280.51	2.13	ppb
Iron	57-2	277.96	279.96	260.85	272.92	3.85	ppb
Lead	206-1	2.16	2.38	2.44	2.32	6.23	ppb
Lead	207-1	2.17	2.14	2.19	2.17	1.14	ppb
Lead	208-1	2.20	2.25	2.29	2.24	2.03	ppb
Lithium	6-1				107		%
Magnesium	24-2	1990.40	1971.60	1898.91	1953.64	2.47	ppb
Manganese	55-2	197.49	199.26	190.80	195.85	2.28	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-07	Instrumnet Name :	P8
Client Sample ID :	MH0CH9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:23:43	DataFile Name :	075SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.09	0.07	0.05	0.07	23.41	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	196.50	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	8.87	ppb
Molybdenum	97-1	0.04	-0.01	-0.02	0.00	718.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.46	1.68	1.62	1.59	7.03	ppb
Phosphorus	31-2	14.60	59.96	-0.47	24.70	127.37	ppb
Potassium	39-2	4945.85	4948.95	4793.63	4896.15	1.81	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	77-2	17.61	29.31	9.87	18.93	51.71	ppb
Selenium	78-2	5.35	1.78	3.51	3.55	50.32	ppb
Selenium	82-1	0.28	-0.28	0.39	0.13	276.58	ppb
Silicon	28-1	10135.34	10046.59	10238.56	10140.16	0.95	ppb
Silver	109-1	0.08	0.11	0.11	0.10	18.29	ppb
Silver	107-1	0.12	0.09	0.11	0.11	10.62	ppb
Sodium	23-2	1813.97	1834.31	1746.88	1798.39	2.54	ppb
Strontium	86-1	59.51	59.64	58.79	59.31	0.77	ppb
Strontium	88-1	60.64	61.38	60.88	60.97	0.62	ppb
Sulfur	34-1	8592.72	8602.34	8761.62	8652.23	1.10	ppb
Terbium	159-1				120		%
Terbium	159-2				111		%
Thallium	203-1	0.21	0.20	0.19	0.20	5.66	ppb
Thallium	205-1	0.20	0.18	0.19	0.19	4.47	ppb
Tin	118-1	0.07	0.06	0.05	0.06	12.91	ppb
Titanium	47-1	0.44	0.28	0.26	0.33	29.55	ppb
Uranium	238-1	1.42	1.44	1.48	1.44	2.14	ppb
Vanadium	51-2	0.03	0.05	0.01	0.03	65.62	ppb
Yttrium	89-1				116		%
Yttrium	89-2				109		%
Zinc	66-2	151.50	155.03	152.05	152.86	1.24	ppb
Zirconium	90-1	0.10	0.11	0.10	0.10	4.28	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-07	Instrumnet Name :	P8
Client Sample ID :	MH0CH9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:23:43	DataFile Name :	075SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.09	0.12	0.12	26.40	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-08 Instrumnet Name : P8
 Client Sample ID : MH0CJ1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:26:50 DataFile Name : 076SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	232.52	243.31	253.80	243.21	4.37	ppb
Antimony	121-1	0.30	0.29	0.27	0.28	5.38	ppb
Arsenic	75-2	0.47	0.55	0.49	0.50	9.09	ppb
Barium	135-1	47.64	47.85	47.76	47.75	0.22	ppb
Barium	137-1	47.70	48.49	48.15	48.11	0.82	ppb
Beryllium	9-1	1.07	1.13	0.96	1.06	8.06	ppb
Bismuth	209-1				124		%
Bismuth	209-2				121		%
Boron	11-1	4.14	4.90	4.99	4.68	9.99	ppb
Boron	10-1	5.37	4.55	5.95	5.29	13.30	ppb
Cadmium	106-1	-0.94	-1.01	-1.19	-1.05		ppb
Cadmium	108-1	0.40	0.55	0.46	0.47	16.48	ppb
Cadmium	111-1	0.37	0.38	0.38	0.38	2.06	ppb
Calcium	43-1	8310.22	8313.62	8177.23	8267.02	0.94	ppb
Calcium	44-1	8342.82	8518.47	8372.03	8411.11	1.12	ppb
Chromium	52-2	-0.20	-0.22	-0.15	-0.19		ppb
Cobalt	59-2	2.32	2.23	2.38	2.31	3.44	ppb
Copper	63-2	1.84	1.74	1.74	1.77	3.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				115		%
Indium	115-1				116		%
Indium	115-2				109		%
Iron	56-2	205.54	200.57	203.30	203.14	1.22	ppb
Iron	57-2	204.46	207.44	207.40	206.43	0.83	ppb
Lead	206-1	0.58	0.62	0.54	0.58	6.74	ppb
Lead	207-1	0.59	0.58	0.56	0.58	2.72	ppb
Lead	208-1	0.59	0.60	0.57	0.58	3.14	ppb
Lithium	6-1				109		%
Magnesium	24-2	2074.59	2083.41	2064.36	2074.12	0.46	ppb
Manganese	55-2	274.32	269.09	277.84	273.75	1.61	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-08	Instrumnet Name :	P8
Client Sample ID :	MH0CJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:26:50	DataFile Name :	076SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.06	0.07	0.06	0.06	10.21	ppb
Molybdenum	95-1	0.00	0.01	0.02	0.01	85.94	ppb
Molybdenum	96-1	0.02	0.03	0.01	0.02	59.87	ppb
Molybdenum	97-1	0.02	-0.01	0.00	0.00	488.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	1.91	2.18	2.10	7.82	ppb
Phosphorus	31-2	13.32	-15.11	-15.11	-5.64		ppb
Potassium	39-2	4250.32	4298.97	4294.94	4281.41	0.63	ppb
Rhodium	103-1				113		%
Rhodium	103-2				114		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	24.40	5.96	13.53	14.63	63.38	ppb
Selenium	78-2	2.84	4.02	4.07	3.65	19.12	ppb
Selenium	82-1	0.72	-0.12	-0.01	0.20	235.40	ppb
Silicon	28-1	10072.46	10256.44	10019.78	10116.23	1.23	ppb
Silver	109-1	0.07	0.10	0.09	0.09	18.82	ppb
Silver	107-1	0.09	0.11	0.10	0.10	7.30	ppb
Sodium	23-2	2011.31	2001.14	1996.98	2003.14	0.37	ppb
Strontium	86-1	60.63	61.70	60.30	60.88	1.20	ppb
Strontium	88-1	61.89	63.86	61.79	62.52	1.87	ppb
Sulfur	34-1	7839.70	8166.15	7845.79	7950.55	2.35	ppb
Terbium	159-1				120		%
Terbium	159-2				114		%
Thallium	203-1	0.11	0.09	0.10	0.10	10.60	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	0.62	ppb
Tin	118-1	0.06	0.06	0.06	0.06	4.41	ppb
Titanium	47-1	0.29	0.27	0.27	0.28	4.80	ppb
Uranium	238-1	0.51	0.52	0.50	0.51	2.19	ppb
Vanadium	51-2	0.01	0.04	0.06	0.04	69.54	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	155.63	155.94	156.84	156.14	0.40	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	3.79	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-08	Instrumnet Name :	P8
Client Sample ID :	MH0CJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:26:50	DataFile Name :	076SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.11	0.09	11.85	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-09 Instrumnet Name : P8
 Client Sample ID : MH0CJ3 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:29:58 DataFile Name : 077SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.14	53.90	52.47	47.84	19.42	ppb
Antimony	121-1	0.35	0.30	0.35	0.33	8.00	ppb
Arsenic	75-2	0.50	0.42	0.47	0.47	8.60	ppb
Barium	135-1	32.99	33.03	34.10	33.38	1.89	ppb
Barium	137-1	33.85	33.88	33.68	33.80	0.31	ppb
Beryllium	9-1	0.42	0.41	0.41	0.41	1.88	ppb
Bismuth	209-1				119		%
Bismuth	209-2				118		%
Boron	11-1	4.44	4.36	4.17	4.32	3.19	ppb
Boron	10-1	6.02	4.38	5.16	5.18	15.83	ppb
Cadmium	106-1	-3.28	-1.95	-2.01	-2.41		ppb
Cadmium	108-1	0.35	0.08	0.27	0.23	59.97	ppb
Cadmium	111-1	-0.04	0.10	0.07	0.04	176.45	ppb
Calcium	43-1	9556.26	9525.54	9512.90	9531.57	0.23	ppb
Calcium	44-1	9842.78	9714.33	9653.83	9736.98	0.99	ppb
Chromium	52-2	-0.23	-0.19	-0.25	-0.22		ppb
Cobalt	59-2	1.13	1.12	1.13	1.13	0.54	ppb
Copper	63-2	1.09	1.08	1.03	1.06	3.14	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				118		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	144.66	145.80	141.50	143.99	1.55	ppb
Iron	57-2	149.74	141.31	136.03	142.36	4.86	ppb
Lead	206-1	0.10	0.08	0.07	0.08	17.75	ppb
Lead	207-1	0.08	0.05	0.07	0.07	21.42	ppb
Lead	208-1	0.08	0.07	0.08	0.08	10.26	ppb
Lithium	6-1				105		%
Magnesium	24-2	2684.26	2703.66	2696.11	2694.68	0.36	ppb
Manganese	55-2	74.97	76.90	75.20	75.69	1.39	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:29:58	DataFile Name :	077SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.00	0.01	0.01	71.28	ppb
Molybdenum	94-1	0.09	0.10	0.08	0.09	11.44	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	15.59	ppb
Molybdenum	96-1	0.05	0.03	0.06	0.05	28.40	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	55.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.47	1.36	1.38	5.93	ppb
Phosphorus	31-2	-15.11	-15.11	14.02	-5.40		ppb
Potassium	39-2	3678.86	3653.52	3636.24	3656.21	0.59	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	6.23	2.44	-1.48	2.40	160.91	ppb
Selenium	78-2	-0.03	1.21	1.83	1.00	94.54	ppb
Selenium	82-1	-0.64	-0.05	0.51	-0.06		ppb
Silicon	28-1	7943.94	7943.99	7789.07	7892.33	1.13	ppb
Silver	109-1	0.07	0.08	0.10	0.08	16.18	ppb
Silver	107-1	0.10	0.07	0.10	0.09	18.78	ppb
Sodium	23-2	2205.02	2200.53	2236.64	2214.06	0.89	ppb
Strontium	86-1	81.10	79.72	78.85	79.89	1.42	ppb
Strontium	88-1	84.82	82.93	82.05	83.27	1.70	ppb
Sulfur	34-1	7673.04	7734.28	7597.37	7668.23	0.89	ppb
Terbium	159-1				118		%
Terbium	159-2				111		%
Thallium	203-1	0.04	0.03	0.04	0.04	18.66	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	21.03	ppb
Tin	118-1	0.07	0.04	0.05	0.06	29.03	ppb
Titanium	47-1	0.26	0.36	0.36	0.33	17.95	ppb
Uranium	238-1	0.23	0.22	0.22	0.22	3.30	ppb
Vanadium	51-2	0.02	0.03	0.01	0.02	51.53	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	103.88	103.93	103.16	103.66	0.41	ppb
Zirconium	90-1	0.12	0.13	0.13	0.13	4.95	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:29:58	DataFile Name :	077SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.13	0.11	0.12	10.80	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:33:04	DataFile Name :	078SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.33	46.72	48.32	42.46	20.74	ppb
Antimony	121-1	0.34	0.32	0.32	0.32	3.05	ppb
Arsenic	75-2	0.47	0.32	0.33	0.37	23.44	ppb
Barium	135-1	33.18	33.25	33.13	33.19	0.19	ppb
Barium	137-1	33.43	33.86	33.58	33.63	0.65	ppb
Beryllium	9-1	0.45	0.48	0.36	0.43	14.57	ppb
Bismuth	209-1				119		%
Bismuth	209-2				118		%
Boron	11-1	4.22	4.48	4.01	4.24	5.54	ppb
Boron	10-1	4.55	4.59	4.86	4.67	3.65	ppb
Cadmium	106-1	-1.87	-2.19	-1.61	-1.89		ppb
Cadmium	108-1	0.11	0.20	0.35	0.22	55.58	ppb
Cadmium	111-1	0.08	0.01	0.10	0.06	71.51	ppb
Calcium	43-1	9408.16	9556.69	9508.77	9491.21	0.80	ppb
Calcium	44-1	9561.15	9692.96	9712.15	9655.42	0.85	ppb
Chromium	52-2	-0.24	-0.22	-0.33	-0.26		ppb
Cobalt	59-2	1.16	1.15	1.15	1.15	0.55	ppb
Copper	63-2	1.12	1.13	1.17	1.14	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	142.47	141.39	141.86	141.91	0.38	ppb
Iron	57-2	133.14	144.12	146.72	141.33	5.10	ppb
Lead	206-1	0.08	0.09	0.09	0.09	3.13	ppb
Lead	207-1	0.06	0.07	0.06	0.06	12.61	ppb
Lead	208-1	0.08	0.08	0.07	0.08	8.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	2715.75	2734.33	2716.73	2722.27	0.38	ppb
Manganese	55-2	77.26	75.76	76.84	76.62	1.01	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:33:04	DataFile Name :	078SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.01	0.02	47.63	ppb
Molybdenum	94-1	0.10	0.06	0.09	0.08	27.36	ppb
Molybdenum	95-1	0.03	0.01	0.03	0.02	58.18	ppb
Molybdenum	96-1	0.05	0.03	0.02	0.04	51.27	ppb
Molybdenum	97-1	0.03	0.00	0.01	0.01	134.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.48	1.30	1.42	1.40	6.50	ppb
Phosphorus	31-2	-0.54	28.20	-0.53	9.04	183.46	ppb
Potassium	39-2	3718.47	3586.59	3691.66	3665.57	1.90	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	10.07	-1.48	2.38	3.66	160.78	ppb
Selenium	78-2	-0.03	0.59	-0.64	-0.03		ppb
Selenium	82-1	0.38	-0.08	0.47	0.26	116.59	ppb
Silicon	28-1	7797.84	7929.69	7823.56	7850.36	0.89	ppb
Silver	109-1	0.07	0.08	0.08	0.08	8.89	ppb
Silver	107-1	0.10	0.10	0.08	0.10	12.76	ppb
Sodium	23-2	2246.67	2184.21	2231.52	2220.80	1.47	ppb
Strontium	86-1	80.01	79.58	80.96	80.18	0.88	ppb
Strontium	88-1	83.22	82.58	83.72	83.18	0.69	ppb
Sulfur	34-1	7281.45	7685.27	7289.00	7418.57	3.11	ppb
Terbium	159-1				117		%
Terbium	159-2				111		%
Thallium	203-1	0.04	0.03	0.03	0.03	27.17	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.54	ppb
Tin	118-1	0.06	0.06	0.06	0.06	5.55	ppb
Titanium	47-1	0.21	0.29	0.22	0.24	18.85	ppb
Uranium	238-1	0.22	0.22	0.20	0.22	4.36	ppb
Vanadium	51-2	0.05	0.07	0.04	0.05	24.69	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	106.04	105.26	106.41	105.90	0.56	ppb
Zirconium	90-1	0.15	0.12	0.11	0.12	15.09	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:33:04	DataFile Name :	078SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.09	0.09	0.10	22.32	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 18:36:11	DataFile Name :	079SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.40	10.48	8.10	9.33	12.77	ppb
Antimony	121-1	0.04	0.04	0.02	0.03	26.43	ppb
Arsenic	75-2	0.10	0.10	0.05	0.08	33.60	ppb
Barium	135-1	7.02	6.81	6.61	6.81	3.00	ppb
Barium	137-1	6.48	6.77	6.51	6.59	2.44	ppb
Beryllium	9-1	0.07	0.16	0.09	0.11	40.55	ppb
Bismuth	209-1				113		%
Bismuth	209-2				115		%
Boron	11-1	1.62	1.51	1.76	1.63	7.77	ppb
Boron	10-1	1.76	2.73	1.57	2.02	30.99	ppb
Cadmium	106-1	-2.03	-1.62	-1.82	-1.82		ppb
Cadmium	108-1	0.05	0.09	0.09	0.08	26.18	ppb
Cadmium	111-1	-0.09	-0.07	-0.08	-0.08		ppb
Calcium	43-1	1772.28	1970.11	1859.62	1867.34	5.31	ppb
Calcium	44-1	1850.90	1968.70	1866.70	1895.44	3.37	ppb
Chromium	52-2	-0.23	-0.22	-0.21	-0.22		ppb
Cobalt	59-2	0.18	0.20	0.21	0.20	7.38	ppb
Copper	63-2	0.25	0.25	0.20	0.23	11.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	27.82	28.28	27.69	27.93	1.11	ppb
Iron	57-2	32.55	27.63	25.09	28.42	13.33	ppb
Lead	206-1	0.03	0.01	0.01	0.02	63.76	ppb
Lead	207-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	208-1	0.01	0.00	0.00	0.00	98.57	ppb
Lithium	6-1				100		%
Magnesium	24-2	529.95	543.88	551.01	541.61	1.98	ppb
Manganese	55-2	14.72	14.81	15.50	15.01	2.86	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 18:36:11	DataFile Name :	079SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.01	0.02	0.01	0.02	45.01	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	217.44	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	22.33	ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.09	-0.01	-0.07		ppb
Phosphorus	31-2	-0.02	45.21	-0.26	14.98	174.82	ppb
Potassium	39-2	697.46	691.99	700.69	696.71	0.63	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	-1.48	-1.48	2.51	-0.15		ppb
Selenium	78-2	1.28	0.00	1.24	0.84	86.77	ppb
Selenium	82-1	0.34	0.44	-0.12	0.22	133.16	ppb
Silicon	28-1	1538.32	1627.33	1538.05	1567.90	3.28	ppb
Silver	109-1	0.04	0.03	0.04	0.03	16.98	ppb
Silver	107-1	0.03	0.04	0.03	0.03	26.09	ppb
Sodium	23-2	416.42	423.27	419.58	419.75	0.82	ppb
Strontium	86-1	15.77	17.11	15.47	16.12	5.42	ppb
Strontium	88-1	16.23	16.85	15.97	16.35	2.75	ppb
Sulfur	34-1	-2428.18	-1640.41	-2243.59	-2104.06		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.02	0.00	0.00	-0.01		ppb
Titanium	47-1	0.00	0.08	0.10	0.06	87.21	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	3.62	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	135.53	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	20.58	20.01	21.38	20.65	3.33	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	17.83	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 18:36:11	DataFile Name :	079SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.03	0.03	63.81	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-11	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:39:19	DataFile Name :	080SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2019.91	1913.41	2071.19	2001.50	4.02	ppb
Antimony	121-1	107.84	107.10	112.58	109.17	2.73	ppb
Arsenic	75-2	42.49	42.77	42.67	42.65	0.33	ppb
Barium	135-1	2210.87	2210.27	2328.75	2249.97	3.03	ppb
Barium	137-1	2179.39	2182.54	2313.26	2225.07	3.43	ppb
Beryllium	9-1	53.74	54.83	56.88	55.15	2.89	ppb
Bismuth	209-1				117		%
Bismuth	209-2				116		%
Boron	11-1	3.64	3.67	4.18	3.83	7.92	ppb
Boron	10-1	3.52	5.09	3.79	4.13	20.32	ppb
Cadmium	106-1	47.23	45.86	47.88	46.99	2.20	ppb
Cadmium	108-1	50.73	51.73	52.30	51.59	1.54	ppb
Cadmium	111-1	53.51	53.87	56.76	54.72	3.25	ppb
Calcium	43-1	9494.51	9533.34	10065.56	9697.80	3.29	ppb
Calcium	44-1	9710.06	9720.74	10196.11	9875.64	2.81	ppb
Chromium	52-2	226.58	222.38	233.80	227.59	2.54	ppb
Cobalt	59-2	571.94	565.32	585.34	574.20	1.78	ppb
Copper	63-2	295.47	293.64	303.24	297.45	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	1254.73	1247.65	1286.00	1262.79	1.62	ppb
Iron	57-2	1279.05	1227.30	1298.38	1268.24	2.90	ppb
Lead	206-1	20.63	21.22	21.99	21.28	3.20	ppb
Lead	207-1	20.72	20.74	21.80	21.09	2.92	ppb
Lead	208-1	20.76	21.02	22.06	21.28	3.25	ppb
Lithium	6-1				105		%
Magnesium	24-2	2690.41	2690.13	2825.40	2735.31	2.85	ppb
Manganese	55-2	629.06	625.33	643.84	632.75	1.55	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-11	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:39:19	DataFile Name :	080SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.07	0.07	0.06	14.32	ppb
Molybdenum	94-1	0.12	0.12	0.12	0.12	3.47	ppb
Molybdenum	95-1	0.05	0.06	0.08	0.07	24.47	ppb
Molybdenum	96-1	0.09	0.09	0.08	0.09	5.71	ppb
Molybdenum	97-1	0.04	0.07	0.07	0.06	35.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	589.30	584.38	601.70	591.80	1.51	ppb
Phosphorus	31-2	-15.11	-0.67	-0.07	-5.28		ppb
Potassium	39-2	3631.95	3584.58	3795.38	3670.64	3.01	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	131.01	145.85	111.05	129.30	13.51	ppb
Selenium	78-2	119.02	110.53	111.44	113.66	4.10	ppb
Selenium	82-1	109.14	105.71	114.26	109.70	3.92	ppb
Silicon	28-1	7837.99	7800.06	8304.17	7980.74	3.52	ppb
Silver	109-1	49.97	50.00	53.05	51.01	3.47	ppb
Silver	107-1	50.49	49.93	53.33	51.25	3.56	ppb
Sodium	23-2	2192.04	2210.11	2316.96	2239.70	3.01	ppb
Strontium	86-1	80.85	79.69	84.89	81.81	3.33	ppb
Strontium	88-1	84.04	82.73	88.20	84.99	3.36	ppb
Sulfur	34-1	7128.10	7149.67	8126.51	7468.09	7.64	ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	51.77	53.93	55.36	53.69	3.36	ppb
Thallium	205-1	52.51	54.30	55.78	54.20	3.02	ppb
Tin	118-1	0.10	0.07	0.08	0.08	17.22	ppb
Titanium	47-1	0.21	0.36	0.18	0.25	38.30	ppb
Uranium	238-1	0.22	0.23	0.23	0.23	1.48	ppb
Vanadium	51-2	551.25	549.93	572.39	557.86	2.26	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	684.08	671.57	693.21	682.95	1.59	ppb
Zirconium	90-1	0.12	0.15	0.13	0.13	10.53	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-11	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:39:19	DataFile Name :	080SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.12	0.15	0.12	20.21	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-12 Instrumnet Name : P8
 Client Sample ID : MH0CJ5 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:42:25 DataFile Name : 081SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.82	11.08	2.54	6.15	71.97	ppb
Antimony	121-1	0.32	0.26	0.28	0.29	9.92	ppb
Arsenic	75-2	1.11	1.13	1.27	1.17	7.38	ppb
Barium	135-1	20.84	20.04	19.96	20.28	2.40	ppb
Barium	137-1	20.89	20.89	20.50	20.76	1.09	ppb
Beryllium	9-1	0.06	0.06	0.09	0.07	30.18	ppb
Bismuth	209-1				118		%
Bismuth	209-2				117		%
Boron	11-1	5.14	5.26	4.98	5.13	2.77	ppb
Boron	10-1	5.71	6.07	5.87	5.88	3.03	ppb
Cadmium	106-1	-1.98	-2.86	-1.84	-2.22		ppb
Cadmium	108-1	0.08	0.11	0.11	0.10	17.13	ppb
Cadmium	111-1	-0.06	-0.14	-0.08	-0.09		ppb
Calcium	43-1	11535.55	11573.06	11371.02	11493.21	0.94	ppb
Calcium	44-1	11669.73	11793.74	11667.37	11710.28	0.62	ppb
Chromium	52-2	-0.19	-0.21	-0.12	-0.17		ppb
Cobalt	59-2	1.00	0.94	0.86	0.93	7.59	ppb
Copper	63-2	1.16	1.16	1.20	1.18	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	237.06	233.58	230.40	233.68	1.43	ppb
Iron	57-2	239.44	232.18	230.93	234.18	1.96	ppb
Lead	206-1	0.07	0.08	0.07	0.07	6.49	ppb
Lead	207-1	0.08	0.06	0.06	0.06	15.55	ppb
Lead	208-1	0.09	0.07	0.06	0.07	24.47	ppb
Lithium	6-1				104		%
Magnesium	24-2	3004.54	2908.85	2855.26	2922.88	2.59	ppb
Manganese	55-2	148.48	146.64	144.78	146.63	1.26	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-12	Instrumnet Name :	P8
Client Sample ID :	MH0CJ5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:42:25	DataFile Name :	081SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.34	1.30	1.27	1.31	2.69	ppb
Molybdenum	94-1	0.60	0.55	0.58	0.58	4.84	ppb
Molybdenum	95-1	1.28	1.17	1.34	1.26	6.73	ppb
Molybdenum	96-1	1.16	1.17	1.17	1.17	0.55	ppb
Molybdenum	97-1	1.46	1.26	1.27	1.33	8.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.45	0.41	0.43	4.76	ppb
Phosphorus	31-2	-0.32	-15.11	-15.11	-10.18		ppb
Potassium	39-2	3332.12	3377.58	3330.75	3346.82	0.80	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	-1.48	-1.48	2.45	-0.17		ppb
Selenium	78-2	-0.02	-0.03	-0.64	-0.23		ppb
Selenium	82-1	-0.47	0.65	0.18	0.12	475.04	ppb
Silicon	28-1	5304.95	5317.33	5344.80	5322.36	0.38	ppb
Silver	109-1	0.10	0.09	0.10	0.10	5.37	ppb
Silver	107-1	0.10	0.10	0.10	0.10	2.08	ppb
Sodium	23-2	3080.44	3047.10	2956.53	3028.03	2.12	ppb
Strontium	86-1	96.47	97.08	95.47	96.34	0.85	ppb
Strontium	88-1	99.94	100.73	100.18	100.28	0.40	ppb
Sulfur	34-1	5292.04	5267.95	5351.09	5303.70	0.81	ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.00	0.00	0.00	146.56	ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	0.04	0.02	0.04	0.03	38.32	ppb
Titanium	47-1	0.25	0.27	0.20	0.24	15.27	ppb
Uranium	238-1	0.23	0.23	0.21	0.22	5.87	ppb
Vanadium	51-2	0.07	0.09	0.09	0.08	13.17	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	34.18	32.50	33.33	33.33	2.52	ppb
Zirconium	90-1	0.16	0.17	0.15	0.16	7.95	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-12	Instrumnet Name :	P8
Client Sample ID :	MH0CJ5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:42:25	DataFile Name :	081SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.19	0.35	0.22	47.56	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-13 Instrumnet Name : P8
 Client Sample ID : MH0CJ7 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:45:31 DataFile Name : 082SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67.99	68.26	75.46	70.57	6.00	ppb
Antimony	121-1	0.28	0.29	0.28	0.28	3.38	ppb
Arsenic	75-2	0.14	0.42	0.43	0.33	49.27	ppb
Barium	135-1	107.16	105.91	103.90	105.66	1.56	ppb
Barium	137-1	106.25	106.37	105.48	106.03	0.46	ppb
Beryllium	9-1	0.37	0.34	0.40	0.37	7.63	ppb
Bismuth	209-1				117		%
Bismuth	209-2				113		%
Boron	11-1	5.65	5.65	6.40	5.90	7.29	ppb
Boron	10-1	5.49	6.44	6.28	6.07	8.41	ppb
Cadmium	106-1	3.66	2.30	2.73	2.89	23.94	ppb
Cadmium	108-1	4.23	6.02	4.98	5.08	17.62	ppb
Cadmium	111-1	4.87	4.78	4.67	4.77	2.13	ppb
Calcium	43-1	25896.04	25870.54	26085.27	25950.62	0.45	ppb
Calcium	44-1	26099.74	25894.08	26190.37	26061.40	0.58	ppb
Chromium	52-2	-0.15	-0.17	-0.21	-0.18		ppb
Cobalt	59-2	0.10	0.10	0.13	0.11	15.34	ppb
Copper	63-2	2.63	2.53	2.58	2.58	1.95	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				116		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	20.24	19.79	19.97	20.00	1.14	ppb
Iron	57-2	24.73	20.88	20.70	22.11	10.30	ppb
Lead	206-1	0.68	0.70	0.71	0.70	2.11	ppb
Lead	207-1	0.65	0.67	0.67	0.66	2.08	ppb
Lead	208-1	0.67	0.67	0.71	0.68	3.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	6835.63	6630.38	6619.54	6695.18	1.82	ppb
Manganese	55-2	47.17	47.03	46.51	46.90	0.74	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-13	Instrumnet Name :	P8
Client Sample ID :	MH0CJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:45:31	DataFile Name :	082SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.06	0.06	0.06	0.06	1.85	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.03	0.01	0.01	75.43	ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.92	5.93	5.76	5.87	1.61	ppb
Phosphorus	31-2	0.27	30.51	0.19	10.32	169.36	ppb
Potassium	39-2	3630.05	3539.53	3470.97	3546.85	2.25	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	2.50	-1.48	10.72	3.91	158.94	ppb
Selenium	78-2	0.61	0.63	0.00	0.41	86.43	ppb
Selenium	82-1	0.16	0.07	0.98	0.40	124.48	ppb
Silicon	28-1	4104.63	4062.67	4147.74	4105.01	1.04	ppb
Silver	109-1	0.11	0.15	0.14	0.14	14.78	ppb
Silver	107-1	0.15	0.15	0.15	0.15	3.06	ppb
Sodium	23-2	2989.84	2924.97	2950.45	2955.09	1.11	ppb
Strontium	86-1	183.59	183.57	184.10	183.75	0.16	ppb
Strontium	88-1	190.82	190.89	191.78	191.16	0.28	ppb
Sulfur	34-1	24397.55	24029.78	25203.54	24543.62	2.45	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.13	0.11	0.12	5.05	ppb
Thallium	205-1	0.10	0.11	0.09	0.10	9.18	ppb
Tin	118-1	0.04	0.05	0.04	0.05	5.40	ppb
Titanium	47-1	0.15	0.16	0.25	0.19	30.77	ppb
Uranium	238-1	0.06	0.05	0.06	0.06	5.80	ppb
Vanadium	51-2	0.05	0.02	0.05	0.04	48.53	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	1519.76	1483.44	1489.70	1497.63	1.30	ppb
Zirconium	90-1	0.10	0.10	0.09	0.09	5.68	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-13	Instrumnet Name :	P8
Client Sample ID :	MH0CJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:45:31	DataFile Name :	082SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.07	0.08	15.52	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-14 Instrumnet Name : P8
 Client Sample ID : MH0CJ9 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:48:37 DataFile Name : 083SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.17	18.54	15.25	15.99	14.26	ppb
Antimony	121-1	0.29	0.28	0.28	0.28	2.56	ppb
Arsenic	75-2	17.39	17.89	17.46	17.58	1.53	ppb
Barium	135-1	16.39	17.33	17.13	16.95	2.93	ppb
Barium	137-1	17.02	17.34	17.10	17.16	0.97	ppb
Beryllium	9-1	0.07	0.07	0.04	0.06	25.30	ppb
Bismuth	209-1				120		%
Bismuth	209-2				119		%
Boron	11-1	7.12	7.78	7.96	7.62	5.80	ppb
Boron	10-1	8.50	7.81	7.34	7.88	7.40	ppb
Cadmium	106-1	-2.56	-2.06	-2.18	-2.27		ppb
Cadmium	108-1	0.08	-0.01	-0.01	0.02	274.27	ppb
Cadmium	111-1	-0.18	-0.13	-0.14	-0.15		ppb
Calcium	43-1	11261.17	11373.98	11369.57	11334.91	0.56	ppb
Calcium	44-1	11408.41	11627.77	11501.65	11512.61	0.96	ppb
Chromium	52-2	0.08	0.01	0.00	0.03	144.09	ppb
Cobalt	59-2	2.40	2.40	2.43	2.41	0.77	ppb
Copper	63-2	1.16	1.15	1.17	1.16	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	3170.92	3113.45	3095.01	3126.46	1.27	ppb
Iron	57-2	3083.59	3060.54	2991.49	3045.21	1.57	ppb
Lead	206-1	0.29	0.34	0.32	0.31	7.98	ppb
Lead	207-1	0.26	0.33	0.28	0.29	12.04	ppb
Lead	208-1	0.28	0.33	0.31	0.31	6.72	ppb
Lithium	6-1				107		%
Magnesium	24-2	2106.67	2056.45	2073.34	2078.82	1.23	ppb
Manganese	55-2	236.91	234.61	234.55	235.36	0.57	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-14	Instrumnet Name :	P8
Client Sample ID :	MH0CJ9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:48:37	DataFile Name :	083SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	6.84	6.94	6.87	6.88	0.71	ppb
Molybdenum	94-1	2.27	2.37	2.34	2.33	2.34	ppb
Molybdenum	95-1	6.91	6.80	6.95	6.89	1.11	ppb
Molybdenum	96-1	5.56	5.52	5.48	5.52	0.69	ppb
Molybdenum	97-1	6.69	6.93	6.80	6.80	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.13	0.93	0.99	11.54	ppb
Phosphorus	31-2	42.91	-0.52	13.93	18.77	117.79	ppb
Potassium	39-2	3531.83	3475.62	3506.98	3504.81	0.80	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	6.14	2.39	2.39	3.64	59.42	ppb
Selenium	78-2	1.16	0.58	1.19	0.97	35.14	ppb
Selenium	82-1	0.13	0.28	-0.31	0.03	949.96	ppb
Silicon	28-1	2739.87	2755.71	2798.40	2764.66	1.09	ppb
Silver	109-1	0.16	0.17	0.17	0.17	2.30	ppb
Silver	107-1	0.15	0.17	0.18	0.17	8.57	ppb
Sodium	23-2	3487.56	3487.67	3537.23	3504.15	0.82	ppb
Strontium	86-1	64.58	66.14	65.44	65.39	1.19	ppb
Strontium	88-1	67.17	67.12	68.19	67.50	0.90	ppb
Sulfur	34-1	7295.97	7519.51	7609.68	7475.05	2.16	ppb
Terbium	159-1				118		%
Terbium	159-2				111		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.09	0.09	0.08	0.09	3.99	ppb
Titanium	47-1	0.27	0.32	0.29	0.30	8.79	ppb
Uranium	238-1	0.49	0.51	0.50	0.50	2.41	ppb
Vanadium	51-2	0.17	0.20	0.20	0.19	10.50	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	16.31	16.69	16.22	16.40	1.52	ppb
Zirconium	90-1	0.31	0.27	0.33	0.30	11.39	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-14	Instrumnet Name :	P8
Client Sample ID :	MH0CJ9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:48:37	DataFile Name :	083SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.37	0.34	0.39	0.37	7.24	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-15 Instrumnet Name : P8
 Client Sample ID : MH0CK1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:51:44 DataFile Name : 084SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.37	20.76	20.61	19.92	6.73	ppb
Antimony	121-1	0.38	0.42	0.42	0.41	5.43	ppb
Arsenic	75-2	0.83	0.83	0.89	0.85	3.99	ppb
Barium	135-1	26.73	27.04	27.10	26.96	0.74	ppb
Barium	137-1	27.65	27.65	26.71	27.34	1.99	ppb
Beryllium	9-1	0.13	0.16	0.18	0.16	15.07	ppb
Bismuth	209-1				121		%
Bismuth	209-2				119		%
Boron	11-1	4.95	5.55	5.09	5.19	6.00	ppb
Boron	10-1	6.29	5.70	7.02	6.34	10.48	ppb
Cadmium	106-1	-2.06	-1.08	-2.13	-1.76		ppb
Cadmium	108-1	0.11	0.14	0.29	0.18	54.48	ppb
Cadmium	111-1	0.02	0.09	0.00	0.04	142.74	ppb
Calcium	43-1	13292.04	13240.10	13438.63	13323.59	0.77	ppb
Calcium	44-1	13395.42	13317.64	13747.55	13486.87	1.70	ppb
Chromium	52-2	-0.17	-0.22	-0.03	-0.14		ppb
Cobalt	59-2	4.02	3.95	4.02	4.00	1.08	ppb
Copper	63-2	2.11	2.19	2.15	2.15	1.74	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				120		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	56-2	85.67	86.92	84.67	85.75	1.32	ppb
Iron	57-2	101.20	96.00	85.98	94.39	8.20	ppb
Lead	206-1	0.39	0.41	0.41	0.40	2.74	ppb
Lead	207-1	0.42	0.38	0.35	0.38	9.34	ppb
Lead	208-1	0.39	0.38	0.38	0.39	1.78	ppb
Lithium	6-1				108		%
Magnesium	24-2	3117.83	3123.48	3144.46	3128.59	0.45	ppb
Manganese	55-2	133.35	136.51	135.49	135.12	1.20	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-15	Instrumnet Name :	P8
Client Sample ID :	MH0CK1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:51:44	DataFile Name :	084SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.20	2.21	2.29	2.23	2.32	ppb
Molybdenum	94-1	0.82	0.83	0.84	0.83	1.45	ppb
Molybdenum	95-1	2.23	2.21	2.24	2.23	0.59	ppb
Molybdenum	96-1	1.97	1.82	1.88	1.89	4.12	ppb
Molybdenum	97-1	2.20	2.29	2.20	2.23	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	1.46	1.49	1.42	6.66	ppb
Phosphorus	31-2	-15.11	-15.11	-0.55	-10.26		ppb
Potassium	39-2	3667.18	3640.39	3631.61	3646.40	0.51	ppb
Rhodium	103-1				111		%
Rhodium	103-2				112		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	-1.48	6.28	-1.48	1.11	404.70	ppb
Selenium	78-2	-0.64	-0.03	0.57	-0.03		ppb
Selenium	82-1	0.19	0.78	1.09	0.69	66.43	ppb
Silicon	28-1	5231.32	5278.18	5352.58	5287.36	1.16	ppb
Silver	109-1	0.10	0.09	0.11	0.10	9.34	ppb
Silver	107-1	0.10	0.11	0.11	0.11	7.37	ppb
Sodium	23-2	7746.11	7848.30	7832.16	7808.86	0.70	ppb
Strontium	86-1	106.01	104.12	106.34	105.49	1.14	ppb
Strontium	88-1	109.74	109.54	109.60	109.63	0.09	ppb
Sulfur	34-1	11171.79	11231.43	11575.18	11326.14	1.92	ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.01	0.01	0.02	58.20	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	39.38	ppb
Tin	118-1	0.07	0.04	0.03	0.05	47.79	ppb
Titanium	47-1	0.25	0.14	0.21	0.20	27.62	ppb
Uranium	238-1	0.37	0.37	0.33	0.36	5.86	ppb
Vanadium	51-2	0.04	0.03	0.05	0.04	27.62	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	49.44	52.70	53.24	51.79	3.96	ppb
Zirconium	90-1	0.21	0.21	0.19	0.21	5.88	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-15	Instrumnet Name :	P8
Client Sample ID :	MH0CK1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:51:44	DataFile Name :	084SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.24	0.32	0.24	30.47	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-16	Instrumnet Name :	P8
Client Sample ID :	MH0CK3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:54:51	DataFile Name :	085SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.84	7.66	5.68	7.39	21.60	ppb
Antimony	121-1	0.57	0.65	0.62	0.61	6.32	ppb
Arsenic	75-2	5.73	5.25	5.55	5.51	4.35	ppb
Barium	135-1	53.91	54.84	52.98	53.91	1.73	ppb
Barium	137-1	54.10	55.09	53.80	54.33	1.24	ppb
Beryllium	9-1	0.02	0.00	0.02	0.02	78.81	ppb
Bismuth	209-1				117		%
Bismuth	209-2				118		%
Boron	11-1	5.81	6.25	5.82	5.96	4.24	ppb
Boron	10-1	6.13	6.16	7.45	6.58	11.43	ppb
Cadmium	106-1	-1.25	-2.34	-2.43	-2.01		ppb
Cadmium	108-1	0.02	0.21	0.08	0.10	93.31	ppb
Cadmium	111-1	-0.05	-0.14	-0.13	-0.11		ppb
Calcium	43-1	33804.63	33980.73	33277.95	33687.77	1.09	ppb
Calcium	44-1	33997.49	34620.49	33924.44	34180.81	1.12	ppb
Chromium	52-2	-0.23	-0.29	-0.17	-0.23		ppb
Cobalt	59-2	0.48	0.43	0.45	0.45	5.98	ppb
Copper	63-2	1.38	1.26	1.35	1.33	4.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	36.09	35.93	34.79	35.60	1.98	ppb
Iron	57-2	34.29	44.09	39.31	39.23	12.49	ppb
Lead	206-1	0.12	0.13	0.13	0.13	4.37	ppb
Lead	207-1	0.12	0.10	0.11	0.11	9.75	ppb
Lead	208-1	0.12	0.12	0.11	0.12	4.95	ppb
Lithium	6-1				104		%
Magnesium	24-2	7846.28	7693.95	7731.52	7757.25	1.02	ppb
Manganese	55-2	160.53	160.58	159.78	160.30	0.28	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-16	Instrumnet Name :	P8
Client Sample ID :	MH0CK3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:54:51	DataFile Name :	085SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.10	0.11	0.09	0.10	8.37	ppb
Molybdenum	94-1	0.06	0.10	0.12	0.09	32.67	ppb
Molybdenum	95-1	0.09	0.11	0.10	0.10	11.14	ppb
Molybdenum	96-1	0.09	0.10	0.10	0.10	2.83	ppb
Molybdenum	97-1	0.11	0.11	0.08	0.10	17.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.49	1.51	1.50	0.93	ppb
Phosphorus	31-2	13.81	-0.82	-15.11	-0.71		ppb
Potassium	39-2	6662.67	6560.21	6544.87	6589.25	0.97	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-0.03	0.58	-0.64	-0.03		ppb
Selenium	82-1	0.12	0.36	0.20	0.22	54.38	ppb
Silicon	28-1	437.69	441.54	435.12	438.12	0.74	ppb
Silver	109-1	0.06	0.07	0.08	0.07	10.88	ppb
Silver	107-1	0.07	0.08	0.09	0.08	12.33	ppb
Sodium	23-2	3577.55	3532.47	3545.09	3551.70	0.65	ppb
Strontium	86-1	213.27	218.69	214.76	215.57	1.30	ppb
Strontium	88-1	221.14	227.54	217.95	222.21	2.20	ppb
Sulfur	34-1	30627.07	31432.75	30187.42	30749.08	2.05	ppb
Terbium	159-1				117		%
Terbium	159-2				112		%
Thallium	203-1	0.02	0.02	0.02	0.02	21.80	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	40.04	ppb
Tin	118-1	0.08	0.11	0.06	0.08	27.90	ppb
Titanium	47-1	0.05	0.07	0.06	0.06	10.68	ppb
Uranium	238-1	0.06	0.06	0.07	0.06	14.91	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	1317.45	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	39.29	38.40	38.41	38.70	1.32	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	10.19	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-16	Instrumnet Name :	P8
Client Sample ID :	MH0CK3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:54:51	DataFile Name :	085SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.09	0.04	0.07	36.27	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-17 Instrumnet Name : P8
 Client Sample ID : MH0CK7 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:57:57 DataFile Name : 086SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	941.20	891.12	916.45	916.26	2.73	ppb
Antimony	121-1	0.29	0.27	0.36	0.30	15.70	ppb
Arsenic	75-2	0.70	0.64	0.73	0.69	6.26	ppb
Barium	135-1	53.79	54.39	55.63	54.60	1.71	ppb
Barium	137-1	54.63	54.07	55.85	54.85	1.66	ppb
Beryllium	9-1	0.72	0.79	0.64	0.72	10.48	ppb
Bismuth	209-1				117		%
Bismuth	209-2				117		%
Boron	11-1	3.87	4.51	3.94	4.10	8.55	ppb
Boron	10-1	3.97	4.05	5.34	4.45	17.30	ppb
Cadmium	106-1	-0.82	-0.68	-1.06	-0.85		ppb
Cadmium	108-1	0.45	0.20	0.66	0.44	52.63	ppb
Cadmium	111-1	0.21	0.24	0.25	0.24	9.09	ppb
Calcium	43-1	8191.11	8188.49	8129.69	8169.76	0.43	ppb
Calcium	44-1	8396.19	8392.13	8457.68	8415.33	0.44	ppb
Chromium	52-2	-0.13	-0.26	-0.26	-0.22		ppb
Cobalt	59-2	1.07	0.98	1.19	1.08	9.67	ppb
Copper	63-2	3.00	3.04	2.96	3.00	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				116		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	383.37	388.42	395.54	389.11	1.57	ppb
Iron	57-2	393.34	384.72	384.05	387.37	1.34	ppb
Lead	206-1	3.61	3.67	3.68	3.65	1.06	ppb
Lead	207-1	3.35	3.47	3.52	3.45	2.53	ppb
Lead	208-1	3.51	3.61	3.59	3.57	1.56	ppb
Lithium	6-1				104		%
Magnesium	24-2	1987.92	2003.35	1984.24	1991.84	0.51	ppb
Manganese	55-2	162.28	163.69	164.33	163.43	0.64	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-17	Instrumnet Name :	P8
Client Sample ID :	MH0CK7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:57:57	DataFile Name :	086SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.08	0.07	0.07	0.07	7.11	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	91.19	ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.43	1.27	1.31	7.65	ppb
Phosphorus	31-2	-15.11	-0.19	-15.11	-10.14		ppb
Potassium	39-2	4566.89	4588.15	4656.57	4603.87	1.02	ppb
Rhodium	103-1				107		%
Rhodium	103-2				111		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	13.79	17.62	33.40	21.60	48.09	ppb
Selenium	78-2	5.35	4.15	7.26	5.59	28.04	ppb
Selenium	82-1	-0.08	0.09	0.42	0.14	176.11	ppb
Silicon	28-1	9549.64	9476.08	9402.70	9476.14	0.78	ppb
Silver	109-1	0.07	0.08	0.07	0.07	6.48	ppb
Silver	107-1	0.08	0.06	0.08	0.07	13.27	ppb
Sodium	23-2	1671.22	1696.29	1704.94	1690.82	1.04	ppb
Strontium	86-1	61.60	61.59	62.36	61.85	0.72	ppb
Strontium	88-1	63.42	62.64	63.04	63.04	0.62	ppb
Sulfur	34-1	11006.83	10661.11	10588.18	10752.04	2.08	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.20	0.17	0.19	0.19	8.41	ppb
Thallium	205-1	0.19	0.18	0.17	0.18	3.75	ppb
Tin	118-1	0.03	0.04	0.03	0.04	19.18	ppb
Titanium	47-1	0.18	0.25	0.28	0.23	20.94	ppb
Uranium	238-1	1.48	1.51	1.53	1.51	1.35	ppb
Vanadium	51-2	0.02	0.01	0.03	0.02	56.52	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	153.02	157.98	156.72	155.91	1.65	ppb
Zirconium	90-1	0.11	0.10	0.11	0.11	4.79	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-17	Instrumnet Name :	P8
Client Sample ID :	MH0CK7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:57:57	DataFile Name :	086SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.12	0.09	0.11	21.86	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-18	Instrumnet Name :	P8
Client Sample ID :	MH0CK9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:01:04	DataFile Name :	087SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.13	21.96	11.43	18.84	34.21	ppb
Antimony	121-1	2.49	2.47	2.48	2.48	0.39	ppb
Arsenic	75-2	6.94	6.74	6.86	6.85	1.45	ppb
Barium	135-1	38.19	38.69	38.35	38.41	0.66	ppb
Barium	137-1	38.84	39.29	39.63	39.26	1.01	ppb
Beryllium	9-1	0.17	0.11	0.12	0.13	22.77	ppb
Bismuth	209-1				119		%
Bismuth	209-2				116		%
Boron	11-1	15.17	15.97	16.31	15.82	3.72	ppb
Boron	10-1	15.08	18.68	16.65	16.80	10.75	ppb
Cadmium	106-1	-2.58	-0.40	-2.06	-1.68		ppb
Cadmium	108-1	1.33	1.37	0.93	1.21	20.17	ppb
Cadmium	111-1	-0.02	0.12	0.00	0.03	218.89	ppb
Calcium	43-1	72564.28	72917.12	72153.91	72545.10	0.53	ppb
Calcium	44-1	71581.15	71393.08	71357.50	71443.91	0.17	ppb
Chromium	52-2	10.69	11.01	11.08	10.93	1.91	ppb
Cobalt	59-2	54.22	54.76	55.48	54.82	1.15	ppb
Copper	63-2	30.42	30.55	30.37	30.45	0.30	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				119		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	157.05	160.66	162.69	160.13	1.78	ppb
Iron	57-2	164.39	149.16	167.49	160.35	6.12	ppb
Lead	206-1	0.31	0.26	0.29	0.29	7.98	ppb
Lead	207-1	0.24	0.27	0.23	0.25	7.19	ppb
Lead	208-1	0.30	0.27	0.27	0.28	6.07	ppb
Lithium	6-1				106		%
Magnesium	24-2	4126.69	4255.48	4229.05	4203.74	1.62	ppb
Manganese	55-2	761.22	771.05	769.27	767.18	0.68	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-18	Instrumnet Name :	P8
Client Sample ID :	MH0CK9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:01:04	DataFile Name :	087SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	234.43	234.49	228.51	232.48	1.48	ppb
Molybdenum	94-1	70.15	70.08	69.18	69.80	0.78	ppb
Molybdenum	95-1	228.64	229.75	225.58	227.99	0.95	ppb
Molybdenum	96-1	188.72	190.62	187.15	188.83	0.92	ppb
Molybdenum	97-1	228.80	227.91	226.53	227.75	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.75	15.21	15.27	15.07	1.88	ppb
Phosphorus	31-2	29.23	-0.39	-15.11	4.58	493.65	ppb
Potassium	39-2	5475.43	5496.81	5755.40	5575.88	2.79	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	6.42	10.45	-1.48	5.13	118.28	ppb
Selenium	78-2	1.22	1.23	1.27	1.24	2.16	ppb
Selenium	82-1	1.80	0.87	2.05	1.57	39.48	ppb
Silicon	28-1	8885.38	8794.16	8675.92	8785.15	1.20	ppb
Silver	109-1	3.11	3.00	3.13	3.08	2.28	ppb
Silver	107-1	3.08	3.08	3.07	3.08	0.28	ppb
Sodium	23-2	88528.91	88679.56	89227.41	88811.96	0.41	ppb
Strontium	86-1	276.50	278.43	276.30	277.08	0.42	ppb
Strontium	88-1	280.68	283.50	282.41	282.20	0.50	ppb
Sulfur	34-1	72986.01	73393.88	70265.22	72215.04	2.36	ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.06	0.06	0.06	5.24	ppb
Thallium	205-1	0.04	0.06	0.06	0.05	17.46	ppb
Tin	118-1	0.10	0.04	0.06	0.07	40.27	ppb
Titanium	47-1	0.45	0.42	0.46	0.45	5.05	ppb
Uranium	238-1	23.09	22.99	23.05	23.04	0.20	ppb
Vanadium	51-2	2.46	2.57	2.53	2.52	2.28	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	17.09	19.06	17.72	17.96	5.61	ppb
Zirconium	90-1	0.24	0.26	0.26	0.25	4.66	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-18	Instrumnet Name :	P8
Client Sample ID :	MH0CK9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:01:04	DataFile Name :	087SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.26	0.25	0.25	1.88	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P8
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:07:09	DataFile Name :	089CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48152.47	48159.90	49134.30	48482.22	1.16	ppb
Antimony	121-1	498.46	504.36	533.64	512.15	3.68	ppb
Arsenic	75-2	502.32	503.16	508.15	504.54	0.62	ppb
Barium	135-1	2564.76	2551.33	2668.39	2594.83	2.47	ppb
Barium	137-1	2533.08	2556.12	2645.67	2578.29	2.31	ppb
Beryllium	9-1	519.07	525.54	547.82	530.81	2.84	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	11-1	512.49	525.24	558.08	531.94	4.42	ppb
Boron	10-1	524.86	526.49	555.19	535.51	3.18	ppb
Cadmium	106-1	480.08	494.34	520.70	498.37	4.13	ppb
Cadmium	108-1	493.99	494.24	511.82	500.02	2.04	ppb
Cadmium	111-1	486.10	490.57	510.46	495.71	2.62	ppb
Calcium	43-1	243991.50	248622.88	255384.78	249333.05	2.30	ppb
Calcium	44-1	243725.84	247746.34	254381.59	248617.92	2.16	ppb
Chromium	52-2	512.20	516.09	513.78	514.02	0.38	ppb
Cobalt	59-2	499.42	502.55	503.97	501.98	0.46	ppb
Copper	63-2	997.03	1010.35	1004.63	1004.00	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				115		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	121765.07	122993.12	123625.18	122794.46	0.77	ppb
Iron	57-2	124088.43	125580.67	126393.55	125354.22	0.93	ppb
Lead	206-1	526.82	529.49	544.40	533.57	1.78	ppb
Lead	207-1	526.47	524.32	553.93	534.91	3.09	ppb
Lead	208-1	524.72	527.34	546.74	532.93	2.26	ppb
Lithium	6-1				104		%
Magnesium	24-2	245667.09	246400.88	246251.58	246106.52	0.16	ppb
Manganese	55-2	1002.12	1007.51	1011.94	1007.19	0.49	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P8
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:07:09	DataFile Name :	089CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	521.51	529.51	539.72	530.24	1.72	ppb
Molybdenum	94-1	524.22	519.71	540.96	528.30	2.12	ppb
Molybdenum	95-1	519.81	525.28	542.20	529.10	2.21	ppb
Molybdenum	96-1	523.34	523.36	543.96	530.22	2.24	ppb
Molybdenum	97-1	507.92	511.99	527.45	515.79	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.78	503.97	506.48	503.08	0.78	ppb
Phosphorus	31-2	10041.24	9997.14	9675.04	9904.47	2.02	ppb
Potassium	39-2	123075.52	123570.01	123909.97	123518.50	0.34	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	570.01	467.27	490.27	509.18	10.59	ppb
Selenium	78-2	481.88	519.13	496.09	499.03	3.77	ppb
Selenium	82-1	504.86	499.39	521.81	508.69	2.30	ppb
Silicon	28-1	518.26	536.16	554.79	536.41	3.40	ppb
Silver	109-1	500.36	496.17	519.82	505.45	2.50	ppb
Silver	107-1	498.29	494.97	522.39	505.22	2.96	ppb
Sodium	23-2	249375.10	252126.28	251553.74	251018.37	0.58	ppb
Strontium	86-1	520.44	519.25	537.20	525.63	1.91	ppb
Strontium	88-1	527.59	525.91	543.49	532.33	1.82	ppb
Sulfur	34-1	8599.10	9053.11	9871.23	9174.48	7.03	ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	523.38	527.42	552.98	534.59	3.00	ppb
Thallium	205-1	524.37	526.94	545.72	532.34	2.19	ppb
Tin	118-1	513.15	506.91	529.95	516.67	2.31	ppb
Titanium	47-1	517.82	517.54	530.37	521.91	1.40	ppb
Uranium	238-1	533.87	537.60	553.56	541.67	1.93	ppb
Vanadium	51-2	517.77	515.36	517.04	516.72	0.24	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	984.87	977.67	996.57	986.37	0.97	ppb
Zirconium	90-1	522.89	526.22	540.39	529.83	1.75	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P8
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:07:09	DataFile Name :	089CCV_P8091517- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	520.36	517.88	538.80	525.68	2.17	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P8
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:10:08	DataFile Name :	090CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.58	-2.75	0.68	-0.89		ppb
Antimony	121-1	0.31	0.30	0.27	0.29	7.08	ppb
Arsenic	75-2	0.02	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.00	-0.01	0.01	0.00		ppb
Barium	137-1	-0.01	0.00	0.01	0.00	1820.54	ppb
Beryllium	9-1	0.22	0.20	0.20	0.21	5.63	ppb
Bismuth	209-1				120		%
Bismuth	209-2				115		%
Boron	11-1	14.09	12.26	11.78	12.71	9.61	ppb
Boron	10-1	14.04	10.98	13.51	12.84	12.72	ppb
Cadmium	106-1	-1.23	-1.34	-1.07	-1.21		ppb
Cadmium	108-1	0.11	0.02	0.08	0.07	66.44	ppb
Cadmium	111-1	-0.06	-0.06	-0.05	-0.06		ppb
Calcium	43-1	-30.96	-30.29	-27.38	-29.54		ppb
Calcium	44-1	-6.86	-7.03	-3.74	-5.87		ppb
Chromium	52-2	-0.14	-0.16	-0.18	-0.16		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.02	0.03	0.00	0.02	101.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	56-2	1.27	1.31	1.41	1.33	5.35	ppb
Iron	57-2	-0.64	3.35	-1.17	0.51	480.87	ppb
Lead	206-1	0.03	0.03	0.02	0.03	20.63	ppb
Lead	207-1	0.03	0.04	0.01	0.03	57.10	ppb
Lead	208-1	0.03	0.03	0.02	0.03	24.77	ppb
Lithium	6-1				108		%
Magnesium	24-2	-5.44	-5.30	-5.39	-5.38		ppb
Manganese	55-2	0.05	0.05	0.06	0.06	14.04	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P8
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:10:08	DataFile Name :	090CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.09	0.10	0.07	0.09	21.54	ppb
Molybdenum	94-1	0.07	0.07	0.07	0.07	5.58	ppb
Molybdenum	95-1	0.15	0.09	0.10	0.11	24.86	ppb
Molybdenum	96-1	0.12	0.09	0.09	0.10	15.30	ppb
Molybdenum	97-1	0.14	0.09	0.08	0.10	31.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.41	-0.40	-0.44	-0.42		ppb
Phosphorus	31-2	-0.36	-0.54	-15.11	-5.34		ppb
Potassium	39-2	-7.82	-12.31	-5.91	-8.68		ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-0.03	-0.02	0.65	0.20	191.42	ppb
Selenium	82-1	0.40	-0.44	-0.34	-0.13		ppb
Silicon	28-1	-24.73	-26.20	-25.41	-25.45		ppb
Silver	109-1	0.06	0.05	0.06	0.06	7.98	ppb
Silver	107-1	0.07	0.06	0.05	0.06	11.84	ppb
Sodium	23-2	49.91	37.46	44.75	44.04	14.21	ppb
Strontium	86-1	-0.05	-0.04	0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	62.22	ppb
Sulfur	34-1	-2620.68	-2733.50	-2407.28	-2587.15		ppb
Terbium	159-1				118		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.04	0.04	0.04	5.70	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	38.02	ppb
Tin	118-1	0.17	0.18	0.16	0.17	7.76	ppb
Titanium	47-1	-0.02	-0.08	-0.06	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	56.31	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	1776.53	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	0.13	0.27	0.28	0.22	38.01	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	14.20	ppb

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P8
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:10:08	DataFile Name :	090CCBE_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.03	0.04	0.05	45.41	ppb

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P8
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 13:40:57 DataFile Name : 003CALB_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	17	28	45.82	cps
Antimony	121-1	67	83	92	81	15.80	cps
Arsenic	75-2	15	9	0	8	93.25	cps
Barium	135-1	50	25	42	39	32.73	cps
Barium	137-1	75	67	17	53	59.77	cps
Beryllium	9-1	117	83	122	107	19.58	cps
Bismuth	209-1	5384045	5329008	5373444	5362166	0.54	cps
Bismuth	209-2	1505268	1653345	1664952	1607855	5.54	cps
Boron	11-1	783	742	600	708	13.57	cps
Boron	10-1	125	92	125	114	16.90	cps
Cadmium	106-1	1492	1584	1467	1514	4.06	cps
Cadmium	108-1	13	13	0	8	86.60	cps
Cadmium	111-1	1048	1104	1031	1061	3.60	cps
Calcium	43-1	1767	1575	1458	1600	9.73	cps
Calcium	44-1	21726	21834	21893	21818	0.39	cps
Chromium	52-2	817	987	823	876	11.00	cps
Cobalt	59-2	93	70	67	77	18.95	cps
Copper	63-2	310	233	337	293	18.29	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	17	67	50	57.73	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	100	50	50	67	43.31	cps
Gadolinium	160-2	0	20	23	14	87.37	cps
Holmium	165-1	8614824	8554196	8653725	8607582	0.58	cps
Holmium	165-2	1978112	2164573	2189173	2110619	5.47	cps
Indium	115-1	7310171	7171468	7309947	7263862	1.10	cps
Indium	115-2	362880	396667	397673	385740	5.13	cps
Iron	56-2	2439	2361	2228	2343	4.56	cps
Iron	57-2	78	56	83	72	20.35	cps
Lead	206-1	456	450	383	430	9.35	cps
Lead	207-1	456	428	422	435	4.10	cps
Lead	208-1	1945	1783	1795	1841	4.89	cps
Lithium	6-1	1071391	1053619	1077061	1067357	1.15	cps
Magnesium	24-2	433	358	483	425	14.80	cps
Manganese	55-2	47	60	60	56	13.85	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:40:57	DataFile Name :	003CALB_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	108	142	92	114	22.35	cps
Molybdenum	94-1	158	283	158	200	36.09	cps
Molybdenum	95-1	58	17	25	33	66.14	cps
Molybdenum	96-1	75	67	167	103	53.99	cps
Molybdenum	97-1	67	100	58	75	29.40	cps
Neodymium	150-1	0	33	13	16	107.86	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	313	370	383	356	10.45	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	3692	3717	3784	3731	1.27	cps
Rhodium	103-1	6880009	6903398	6898361	6893923	0.18	cps
Rhodium	103-2	1917326	2086772	2103708	2035935	5.06	cps
Scandium	45-1	3996503	3994784	4005368	3998885	0.14	cps
Scandium	45-2	40954	45169	45698	43940	5.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	26	-36	-107	-39	-169.80	cps
Silicon	28-1	340787	336925	335179	337630	0.85	cps
Silver	109-1	42	58	83	61	34.32	cps
Silver	107-1	125	67	25	72	69.55	cps
Sodium	23-2	6285	6060	6193	6179	1.83	cps
Strontium	86-1	792	833	833	820	2.94	cps
Strontium	88-1	158	108	108	125	23.09	cps
Sulfur	34-1	330457	330337	327807	329534	0.45	cps
Terbium	159-1	8950180	8928070	8975709	8951320	0.27	cps
Terbium	159-2	1928263	2109844	2131885	2056664	5.43	cps
Thallium	203-1	175	175	125	158	18.23	cps
Thallium	205-1	550	542	458	517	9.81	cps
Tin	118-1	425	500	567	497	14.25	cps
Titanium	47-1	100	100	125	108	13.33	cps
Uranium	238-1	133	150	133	139	6.93	cps
Vanadium	51-2	13	23	17	18	28.64	cps
Yttrium	89-1	7586827	7542825	7547514	7559055	0.32	cps
Yttrium	89-2	270769	296685	297068	288174	5.23	cps
Zinc	66-2	63	40	37	47	31.13	cps
Zirconium	90-1	450	342	567	453	24.85	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:40:57	DataFile Name :	003CALB_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	83	167	111	43.30	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 13:48:07 DataFile Name : 005CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	200	200	175	24.74	cps
Antimony	121-1	14909	15727	14275	14970	4.86	cps
Arsenic	75-2	130	115	122	122	6.06	cps
Barium	135-1	14817	15243	13541	14534	6.09	cps
Barium	137-1	25158	25125	24106	24796	2.41	cps
Beryllium	9-1	1161	1122	1000	1095	7.68	cps
Bismuth	209-1	5240538	5164085	4830183	5078269	4.30	cps
Bismuth	209-2	1610476	1639468	1638393	1629446	1.01	cps
Boron	11-1	13574	13315	12748	13212	3.20	cps
Boron	10-1	2984	2575	2725	2762	7.48	cps
Cadmium	106-1	1450	1709	1475	1545	9.23	cps
Cadmium	108-1	133	133	96	121	17.92	cps
Cadmium	111-1	2576	2799	2341	2572	8.91	cps
Calcium	43-1	8678	8770	8603	8684	0.96	cps
Calcium	44-1	144623	144874	137252	142250	3.04	cps
Chromium	52-2	2524	2744	2700	2656	4.39	cps
Cobalt	59-2	2040	1920	1847	1936	5.04	cps
Copper	63-2	3734	4017	3704	3818	4.53	cps
Dysprosium	156-1	8	33	0	14	124.91	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	67	58	42	56	22.91	cps
Gadolinium	160-2	17	10	3	10	66.70	cps
Holmium	165-1	8406467	8459763	7897329	8254519	3.76	cps
Holmium	165-2	2106392	2135348	2124297	2122013	0.69	cps
Indium	115-1	7188970	7211665	6763475	7054703	3.58	cps
Indium	115-2	393799	392124	394197	393373	0.28	cps
Iron	56-2	30077	30985	30979	30681	1.70	cps
Iron	57-2	689	767	639	698	9.22	cps
Lead	206-1	5323	5073	4857	5085	4.59	cps
Lead	207-1	4929	4951	4657	4846	3.38	cps
Lead	208-1	21980	21880	20468	21443	3.94	cps
Lithium	6-1	1033971	1052188	972055	1019405	4.12	cps
Magnesium	24-2	15901	15651	16051	15868	1.28	cps
Manganese	55-2	353	293	300	316	10.42	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:48:07	DataFile Name :	005CALS_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	24239	24665	22695	23866	4.34	cps
Molybdenum	94-1	12590	12873	12173	12545	2.81	cps
Molybdenum	95-1	15384	15334	14058	14925	5.04	cps
Molybdenum	96-1	16786	17253	15843	16628	4.32	cps
Molybdenum	97-1	9412	9012	8928	9117	2.84	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	900	980	883	921	5.61	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	13282	12798	13440	13173	2.54	cps
Rhodium	103-1	6788569	6755520	6288076	6610722	4.23	cps
Rhodium	103-2	2028776	2052336	2008006	2029706	1.09	cps
Scandium	45-1	3973343	4014377	3755395	3914372	3.56	cps
Scandium	45-2	44614	46122	45269	45335	1.67	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	13	22	28	21	35.67	cps
Selenium	82-1	479	460	518	486	6.07	cps
Silicon	28-1	362948	368968	373095	368337	1.39	cps
Silver	109-1	9671	9212	8803	9229	4.70	cps
Silver	107-1	9937	10238	9779	9985	2.33	cps
Sodium	23-2	45290	44922	44437	44883	0.95	cps
Strontium	86-1	2767	2817	2392	2659	8.74	cps
Strontium	88-1	17187	17137	16127	16817	3.56	cps
Sulfur	34-1	328411	329210	320043	325888	1.56	cps
Terbium	159-1	8676162	8745922	8259968	8560684	3.07	cps
Terbium	159-2	2047622	2063603	2054292	2055172	0.39	cps
Thallium	203-1	5393	5093	5301	5262	2.92	cps
Thallium	205-1	13149	12648	11848	12548	5.23	cps
Tin	118-1	25684	25467	24715	25289	2.01	cps
Titanium	47-1	3817	3701	3559	3692	3.50	cps
Uranium	238-1	16103	14884	15043	15343	4.32	cps
Vanadium	51-2	3207	3114	3287	3203	2.71	cps
Yttrium	89-1	7427152	7369692	7012121	7269655	3.09	cps
Yttrium	89-2	292527	296482	295651	294887	0.71	cps
Zinc	66-2	420	363	340	374	10.99	cps
Zirconium	90-1	11130	11097	10413	10880	3.72	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:48:07	DataFile Name :	005CALS_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2634	2134	2334	2367	10.63	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:51:36	DataFile Name :	006CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7844	7477	7244	7522	4.02	cps
Antimony	121-1	415138	415012	412184	414111	0.40	cps
Arsenic	75-2	5931	5877	5905	5904	0.46	cps
Barium	135-1	425327	417641	424660	422543	1.01	cps
Barium	137-1	740140	731595	734165	735300	0.60	cps
Beryllium	9-1	55692	54849	56115	55552	1.16	cps
Bismuth	209-1	5187270	5241924	5318981	5249392	1.26	cps
Bismuth	209-2	1701090	1674454	1662011	1679185	1.19	cps
Boron	11-1	29147	29815	29748	29570	1.24	cps
Boron	10-1	6310	6577	6877	6588	4.31	cps
Cadmium	106-1	10838	10263	10813	10638	3.06	cps
Cadmium	108-1	6260	6285	6177	6240	0.91	cps
Cadmium	111-1	90662	88921	91847	90477	1.63	cps
Calcium	43-1	86298	86516	85033	85949	0.93	cps
Calcium	44-1	1420888	1409388	1399099	1409792	0.77	cps
Chromium	52-2	49223	49658	48695	49192	0.98	cps
Cobalt	59-2	101378	101103	100828	101103	0.27	cps
Copper	63-2	172930	171625	171766	172107	0.42	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	50	42	25	39	32.73	cps
Gadolinium	160-2	7	13	0	7	99.98	cps
Holmium	165-1	8391481	8544592	8528244	8488106	0.99	cps
Holmium	165-2	2174398	2162294	2140108	2158934	0.81	cps
Indium	115-1	7141195	7214339	7285822	7213785	1.00	cps
Indium	115-2	403943	399570	397450	400321	0.83	cps
Iron	56-2	1675189	1668102	1640854	1661382	1.09	cps
Iron	57-2	41523	40621	41345	41163	1.16	cps
Lead	206-1	236187	230804	236315	234435	1.34	cps
Lead	207-1	211219	211669	211478	211456	0.11	cps
Lead	208-1	949179	942033	953725	948312	0.62	cps
Lithium	6-1	1051750	1052628	1072636	1059005	1.12	cps
Magnesium	24-2	179181	178279	178160	178540	0.31	cps
Manganese	55-2	27871	27865	27511	27749	0.74	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:51:36	DataFile Name :	006CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	274019	273348	275479	274282	0.40	cps
Molybdenum	94-1	318115	318233	320238	318862	0.37	cps
Molybdenum	95-1	173832	170221	170254	171436	1.21	cps
Molybdenum	96-1	221092	216866	219804	219254	0.99	cps
Molybdenum	97-1	108045	105476	108112	107211	1.40	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	29799	29785	30089	29891	0.57	cps
Phosphorus	31-2	592	567	533	564	5.19	cps
Potassium	39-2	58046	58564	58230	58280	0.45	cps
Rhodium	103-1	6658686	6755375	6874800	6762954	1.60	cps
Rhodium	103-2	2111459	2052075	2017730	2060421	2.30	cps
Scandium	45-1	3968702	4042589	4026201	4012497	0.97	cps
Scandium	45-2	46176	45617	45356	45716	0.92	cps
Selenium	77-2	50	40	47	46	11.18	cps
Selenium	78-2	187	156	159	167	10.29	cps
Selenium	82-1	5503	5553	5532	5529	0.45	cps
Silicon	28-1	521711	520056	515381	519049	0.63	cps
Silver	109-1	419729	420288	415690	418569	0.60	cps
Silver	107-1	443867	438595	443395	441952	0.66	cps
Sodium	23-2	433749	436442	439167	436453	0.62	cps
Strontium	86-1	107864	108227	109729	108607	0.91	cps
Strontium	88-1	947688	949100	948541	948443	0.07	cps
Sulfur	34-1	356658	352506	354070	354411	0.59	cps
Terbium	159-1	8790977	8942066	8958754	8897266	1.04	cps
Terbium	159-2	2116478	2101408	2092997	2103628	0.57	cps
Thallium	203-1	290976	287178	291386	289847	0.80	cps
Thallium	205-1	696573	684334	691645	690851	0.89	cps
Tin	118-1	285478	281080	281781	282780	0.84	cps
Titanium	47-1	42415	42833	42700	42649	0.50	cps
Uranium	238-1	878306	870733	872380	873806	0.46	cps
Vanadium	51-2	36404	35913	35131	35816	1.79	cps
Yttrium	89-1	7323000	7433981	7514933	7423971	1.30	cps
Yttrium	89-2	305483	297813	296378	299891	1.63	cps
Zinc	66-2	15913	15913	16200	16008	1.04	cps
Zirconium	90-1	600580	596157	599381	598706	0.38	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:51:36	DataFile Name :	006CALS_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133777	134113	134888	134259	0.42	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:55:04	DataFile Name :	007CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19314	19598	18663	19191	2.50	cps
Antimony	121-1	1074533	1070426	1071738	1072232	0.20	cps
Arsenic	75-2	15207	15707	15564	15493	1.66	cps
Barium	135-1	1101507	1082542	1084062	1089370	0.97	cps
Barium	137-1	1907928	1892511	1900893	1900444	0.41	cps
Beryllium	9-1	141545	139138	141107	140596	0.91	cps
Bismuth	209-1	5472894	5445726	5376647	5431756	0.91	cps
Bismuth	209-2	1706854	1695447	1723906	1708736	0.84	cps
Boron	11-1	77702	76680	77534	77305	0.71	cps
Boron	10-1	16535	16101	16402	16346	1.36	cps
Cadmium	106-1	24624	24573	25283	24827	1.59	cps
Cadmium	108-1	16723	15939	15839	16167	3.00	cps
Cadmium	111-1	233213	232173	234325	233237	0.46	cps
Calcium	43-1	219523	213628	215455	216202	1.40	cps
Calcium	44-1	3582877	3550715	3574872	3569488	0.47	cps
Chromium	52-2	124777	124854	125083	124904	0.13	cps
Cobalt	59-2	257293	258672	257102	257689	0.33	cps
Copper	63-2	436000	434532	437415	435983	0.33	cps
Dysprosium	156-1	33	17	58	36	58.08	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	17	50	50	39	49.48	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	75	42	42	53	36.46	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	8880118	8888403	8835871	8868131	0.32	cps
Holmium	165-2	2230581	2193101	2220973	2214885	0.88	cps
Indium	115-1	7471627	7550127	7440792	7487516	0.75	cps
Indium	115-2	406507	406881	403928	405772	0.40	cps
Iron	56-2	4204006	4214193	4196908	4205036	0.21	cps
Iron	57-2	104958	104315	104518	104597	0.31	cps
Lead	206-1	602083	598423	601871	600792	0.34	cps
Lead	207-1	552609	546722	545669	548333	0.68	cps
Lead	208-1	2463467	2445148	2434498	2447704	0.60	cps
Lithium	6-1	1080082	1086048	1079550	1081893	0.33	cps
Magnesium	24-2	446725	451046	452214	449995	0.64	cps
Manganese	55-2	70718	71284	71485	71162	0.56	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:55:04	DataFile Name :	007CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	711950	709631	713985	711855	0.31	cps
Molybdenum	94-1	822933	817325	821201	820487	0.35	cps
Molybdenum	95-1	442660	438654	437076	439463	0.65	cps
Molybdenum	96-1	574179	558744	564536	565820	1.38	cps
Molybdenum	97-1	275208	274859	274511	274859	0.13	cps
Neodymium	150-1	33	27	40	33	20.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	76114	75580	74762	75485	0.90	cps
Phosphorus	31-2	1450	1433	1667	1517	8.58	cps
Potassium	39-2	144502	141656	141235	142464	1.25	cps
Rhodium	103-1	6916349	6984561	7058106	6986338	1.01	cps
Rhodium	103-2	2095587	2065630	2078986	2080068	0.72	cps
Scandium	45-1	4109565	4130022	4110725	4116771	0.28	cps
Scandium	45-2	45584	46587	46875	46349	1.46	cps
Selenium	77-2	127	120	110	119	7.06	cps
Selenium	78-2	352	385	331	356	7.61	cps
Selenium	82-1	14168	14533	14192	14298	1.43	cps
Silicon	28-1	810720	793749	805992	803487	1.09	cps
Silver	109-1	1084843	1074481	1076738	1078687	0.51	cps
Silver	107-1	1143507	1139789	1140489	1141261	0.17	cps
Sodium	23-2	1135552	1113024	1153114	1133897	1.77	cps
Strontium	86-1	283180	284004	282430	283205	0.28	cps
Strontium	88-1	2496364	2470498	2463271	2476711	0.70	cps
Sulfur	34-1	398916	399067	396737	398240	0.33	cps
Terbium	159-1	9251013	9286817	9204459	9247430	0.45	cps
Terbium	159-2	2148534	2148692	2141392	2146206	0.19	cps
Thallium	203-1	754677	747453	745293	749141	0.66	cps
Thallium	205-1	1791910	1776899	1797213	1788674	0.59	cps
Tin	118-1	728739	717022	723906	723222	0.81	cps
Titanium	47-1	109484	110660	110617	110254	0.61	cps
Uranium	238-1	2282233	2289221	2303315	2291590	0.47	cps
Vanadium	51-2	93845	92379	93106	93110	0.79	cps
Yttrium	89-1	7815231	7790170	7720474	7775292	0.63	cps
Yttrium	89-2	303442	303795	305287	304174	0.32	cps
Zinc	66-2	41298	40753	40416	40822	1.09	cps
Zirconium	90-1	1580680	1549250	1578254	1569395	1.11	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:55:04	DataFile Name :	007CALS_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	347441	344830	344632	345634	0.45	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 13:58:31 DataFile Name : 008CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36949	36506	36740	36732	0.60	cps
Antimony	121-1	2175872	2148032	2199400	2174435	1.18	cps
Arsenic	75-2	30224	31133	30528	30628	1.51	cps
Barium	135-1	2192372	2208360	2223973	2208235	0.72	cps
Barium	137-1	3873446	3826422	3820736	3840201	0.75	cps
Beryllium	9-1	279904	282070	281056	281010	0.39	cps
Bismuth	209-1	5499066	5476888	5567043	5514332	0.85	cps
Bismuth	209-2	1713361	1671659	1752568	1712529	2.36	cps
Boron	11-1	149506	152477	156454	152812	2.28	cps
Boron	10-1	32487	33131	33473	33031	1.52	cps
Cadmium	106-1	48505	49592	48321	48806	1.41	cps
Cadmium	108-1	33517	32778	32067	32787	2.21	cps
Cadmium	111-1	467198	465413	464485	465699	0.30	cps
Calcium	43-1	432599	429650	433808	432019	0.50	cps
Calcium	44-1	7089295	6998817	7085873	7057995	0.73	cps
Chromium	52-2	247314	246956	246320	246863	0.20	cps
Cobalt	59-2	505820	510546	509740	508702	0.50	cps
Copper	63-2	861550	866285	860806	862881	0.34	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	58	117	33	69	61.58	cps
Gadolinium	160-2	10	20	0	10	100.00	cps
Holmium	165-1	8826379	9104091	8954613	8961695	1.55	cps
Holmium	165-2	2210103	2188442	2244197	2214247	1.27	cps
Indium	115-1	7424863	7498041	7570142	7497682	0.97	cps
Indium	115-2	404841	392959	404056	400619	1.66	cps
Iron	56-2	8178532	8112423	8208284	8166413	0.60	cps
Iron	57-2	204043	206085	205786	205304	0.54	cps
Lead	206-1	1220748	1217210	1228245	1222068	0.46	cps
Lead	207-1	1102334	1104043	1110513	1105630	0.39	cps
Lead	208-1	5010183	5028148	5035950	5024760	0.26	cps
Lithium	6-1	1106067	1109224	1088330	1101207	1.02	cps
Magnesium	24-2	901971	895315	903422	900236	0.48	cps
Manganese	55-2	139696	140764	139677	140046	0.44	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:58:31	DataFile Name :	008CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1457165	1439529	1456922	1451205	0.70	cps
Molybdenum	94-1	1676845	1658921	1687627	1674464	0.87	cps
Molybdenum	95-1	883797	880861	885749	883469	0.28	cps
Molybdenum	96-1	1132377	1140255	1145033	1139222	0.56	cps
Molybdenum	97-1	550369	550266	552499	551045	0.23	cps
Neodymium	150-1	80	80	73	78	4.94	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	147181	149229	149067	148493	0.77	cps
Phosphorus	31-2	2875	2692	2825	2798	3.39	cps
Potassium	39-2	272835	274901	275080	274272	0.45	cps
Rhodium	103-1	6939305	6960907	6955428	6951880	0.16	cps
Rhodium	103-2	2081931	2050068	2083927	2071975	0.92	cps
Scandium	45-1	4160751	4147076	4223214	4177014	0.97	cps
Scandium	45-2	46992	45540	46728	46420	1.67	cps
Selenium	77-2	203	207	267	226	15.80	cps
Selenium	78-2	724	707	761	731	3.76	cps
Selenium	82-1	28573	28301	28519	28464	0.51	cps
Silicon	28-1	1152986	1139881	1153318	1148728	0.67	cps
Silver	109-1	2205858	2211858	2196786	2204834	0.34	cps
Silver	107-1	2287579	2273130	2333436	2298049	1.37	cps
Sodium	23-2	2236183	2233078	2232479	2233914	0.09	cps
Strontium	86-1	566200	563986	571576	567254	0.69	cps
Strontium	88-1	4877160	4877021	4878835	4877672	0.02	cps
Sulfur	34-1	453624	463116	464740	460493	1.30	cps
Terbium	159-1	9314484	9357035	9389034	9353518	0.40	cps
Terbium	159-2	2181220	2114996	2181251	2159156	1.77	cps
Thallium	203-1	1500834	1513846	1514303	1509661	0.51	cps
Thallium	205-1	3660457	3693693	3682810	3678986	0.46	cps
Tin	118-1	1455089	1459935	1462583	1459203	0.26	cps
Titanium	47-1	221382	218699	223911	221331	1.18	cps
Uranium	238-1	4682895	4668827	4706592	4686105	0.41	cps
Vanadium	51-2	183596	183987	183809	183797	0.11	cps
Yttrium	89-1	7763562	7847385	7972718	7861221	1.34	cps
Yttrium	89-2	302045	295137	306712	301298	1.93	cps
Zinc	66-2	79094	80150	80683	79975	1.01	cps
Zirconium	90-1	3142701	3134942	3175485	3151043	0.68	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 13:58:31	DataFile Name :	008CALS_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	697313	698127	701955	699132	0.35	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:01:49	DataFile Name :	009CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73423	72946	75006	73792	1.46	cps
Antimony	121-1	4383310	4388680	4384753	4385581	0.06	cps
Arsenic	75-2	58884	59420	59295	59200	0.47	cps
Barium	135-1	4506257	4519315	4482372	4502648	0.42	cps
Barium	137-1	7654728	7677446	7742271	7691482	0.59	cps
Beryllium	9-1	564093	563627	566319	564680	0.25	cps
Bismuth	209-1	5726835	5747044	5790581	5754820	0.57	cps
Bismuth	209-2	1693043	1703040	1684653	1693579	0.54	cps
Boron	11-1	305710	316822	313991	312174	1.85	cps
Boron	10-1	67209	68171	68682	68020	1.10	cps
Cadmium	106-1	95538	96579	97477	96531	1.01	cps
Cadmium	108-1	64399	66233	65860	65497	1.48	cps
Cadmium	111-1	927181	939671	943294	936715	0.90	cps
Calcium	43-1	852616	867319	860896	860277	0.86	cps
Calcium	44-1	13989271	14086337	14204284	14093297	0.76	cps
Chromium	52-2	484517	478115	478146	480259	0.77	cps
Cobalt	59-2	986869	995981	984311	989054	0.62	cps
Copper	63-2	1689258	1705123	1699742	1698041	0.48	cps
Dysprosium	156-1	67	50	92	69	30.20	cps
Dysprosium	156-2	7	17	13	12	41.65	cps
Erbium	164-1	58	50	25	44	39.04	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	75	92	50	72	29.04	cps
Gadolinium	160-2	23	13	20	19	26.96	cps
Holmium	165-1	9332903	9498385	9510104	9447131	1.05	cps
Holmium	165-2	2179759	2238091	2206629	2208160	1.32	cps
Indium	115-1	7536077	7581150	7574715	7563980	0.32	cps
Indium	115-2	385154	386066	388141	386454	0.40	cps
Iron	56-2	16020841	16160572	15952724	16044712	0.66	cps
Iron	57-2	398672	403807	399062	400514	0.71	cps
Lead	206-1	2604212	2598897	2621397	2608169	0.45	cps
Lead	207-1	2348343	2398278	2364879	2370500	1.07	cps
Lead	208-1	10448152	10580649	10577315	10535372	0.72	cps
Lithium	6-1	1113740	1109849	1119870	1114486	0.45	cps
Magnesium	24-2	1852001	1849835	1835590	1845809	0.48	cps
Manganese	55-2	272692	276298	266970	271987	1.73	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:01:49	DataFile Name :	009CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2908860	2916335	2917093	2914096	0.16	cps
Molybdenum	94-1	3340071	3350767	3367641	3352827	0.41	cps
Molybdenum	95-1	1834830	1798343	1802562	1811912	1.10	cps
Molybdenum	96-1	2324821	2362389	2379322	2355511	1.18	cps
Molybdenum	97-1	1105810	1112395	1116015	1111406	0.47	cps
Neodymium	150-1	167	180	187	178	5.73	cps
Neodymium	150-2	3	13	13	10	57.75	cps
Nickel	60-2	288001	287263	286214	287159	0.31	cps
Phosphorus	31-2	5535	5851	5735	5707	2.81	cps
Potassium	39-2	531831	535014	532350	533065	0.32	cps
Rhodium	103-1	6902996	6920692	6975197	6932962	0.54	cps
Rhodium	103-2	2042806	2039539	2023457	2035267	0.51	cps
Scandium	45-1	4204514	4205896	4101435	4170615	1.44	cps
Scandium	45-2	45517	46427	45885	45943	1.00	cps
Selenium	77-2	400	433	443	426	5.33	cps
Selenium	78-2	1326	1422	1530	1426	7.15	cps
Selenium	82-1	56196	56519	56651	56455	0.42	cps
Silicon	28-1	1876630	1898240	1919837	1898236	1.14	cps
Silver	109-1	4287835	4410524	4427476	4375278	1.74	cps
Silver	107-1	4583227	4584517	4617200	4594981	0.42	cps
Sodium	23-2	4388002	4372648	4363940	4374863	0.28	cps
Strontium	86-1	1123950	1138502	1134674	1132375	0.67	cps
Strontium	88-1	9624347	9784161	9772710	9727073	0.92	cps
Sulfur	34-1	579963	579892	576659	578838	0.33	cps
Terbium	159-1	9625717	9802079	9684672	9704156	0.93	cps
Terbium	159-2	2167599	2157304	2131513	2152139	0.86	cps
Thallium	203-1	3220318	3242921	3274611	3245950	0.84	cps
Thallium	205-1	7500520	7570885	7650081	7573829	0.99	cps
Tin	118-1	2963680	3001307	3018638	2994542	0.94	cps
Titanium	47-1	435352	443203	436530	438362	0.97	cps
Uranium	238-1	9648593	9717159	9763555	9709769	0.60	cps
Vanadium	51-2	359686	358485	356867	358346	0.39	cps
Yttrium	89-1	7882968	7874160	7957337	7904821	0.58	cps
Yttrium	89-2	294575	291616	294141	293444	0.54	cps
Zinc	66-2	156000	157360	154735	156032	0.84	cps
Zirconium	90-1	6180265	6277490	6334535	6264097	1.25	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:01:49	DataFile Name :	009CALS_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1377999	1422206	1427624	1409276	1.93	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 14:05:02 DataFile Name : 010CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140338	136340	140877	139185	1.78	cps
Antimony	121-1	8538529	8686538	8621136	8615401	0.86	cps
Arsenic	75-2	110666	109401	112576	110881	1.44	cps
Barium	135-1	8757450	8965620	8875912	8866327	1.18	cps
Barium	137-1	15287631	15570637	15509411	15455893	0.96	cps
Beryllium	9-1	1111315	1122265	1111609	1115063	0.56	cps
Bismuth	209-1	5764954	5953952	5943059	5887321	1.80	cps
Bismuth	209-2	1595261	1604084	1626798	1608714	1.01	cps
Boron	11-1	603478	625867	633881	621075	2.54	cps
Boron	10-1	131404	134869	134918	133730	1.51	cps
Cadmium	106-1	183356	190765	188019	187380	2.00	cps
Cadmium	108-1	125691	127992	128311	127332	1.12	cps
Cadmium	111-1	1809060	1861525	1833898	1834828	1.43	cps
Calcium	43-1	1671267	1708900	1695487	1691885	1.13	cps
Calcium	44-1	26922719	27554164	27385624	27287502	1.20	cps
Chromium	52-2	887501	888645	905789	893979	1.15	cps
Cobalt	59-2	1894963	1876068	1912347	1894459	0.96	cps
Copper	63-2	3178493	3189690	3190699	3186294	0.21	cps
Dysprosium	156-1	92	158	158	136	28.28	cps
Dysprosium	156-2	7	17	30	18	65.83	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	167	117	108	131	24.16	cps
Gadolinium	160-2	23	23	23	23	0.00	cps
Holmium	165-1	9419216	9554628	9579914	9517919	0.91	cps
Holmium	165-2	2141158	2081034	2158895	2127029	1.92	cps
Indium	115-1	7301498	7467610	7504456	7424521	1.46	cps
Indium	115-2	357121	352004	362625	357250	1.49	cps
Iron	56-2	29962956	30113358	30627687	30234667	1.15	cps
Iron	57-2	749466	756782	760189	755479	0.73	cps
Lead	206-1	5161400	5284421	5327231	5257684	1.64	cps
Lead	207-1	4769797	4823742	4807957	4800499	0.58	cps
Lead	208-1	21012546	21418992	21379575	21270371	1.05	cps
Lithium	6-1	1099043	1138954	1143626	1127207	2.17	cps
Magnesium	24-2	3398999	3413789	3485392	3432727	1.35	cps
Manganese	55-2	504455	506788	515400	508881	1.13	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:05:02	DataFile Name :	010CAL5_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5601038	5753699	5750926	5701888	1.53	cps
Molybdenum	94-1	6434613	6633599	6616386	6561533	1.68	cps
Molybdenum	95-1	3463429	3542877	3591885	3532731	1.84	cps
Molybdenum	96-1	4498278	4617029	4606037	4573781	1.43	cps
Molybdenum	97-1	2171528	2253944	2227097	2217523	1.90	cps
Neodymium	150-1	320	307	233	287	16.28	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	529736	531361	536732	532610	0.69	cps
Phosphorus	31-2	10546	9737	11005	10429	6.15	cps
Potassium	39-2	979793	985465	998874	988044	0.99	cps
Rhodium	103-1	6607993	6875977	6862833	6782268	2.23	cps
Rhodium	103-2	1939364	1892690	1938888	1923647	1.39	cps
Scandium	45-1	3981277	4086506	4116893	4061559	1.75	cps
Scandium	45-2	43390	42661	44073	43375	1.63	cps
Selenium	77-2	757	740	760	752	1.42	cps
Selenium	78-2	2680	2665	2830	2725	3.35	cps
Selenium	82-1	108429	110944	110122	109831	1.17	cps
Silicon	28-1	3150059	3203938	3171980	3175326	0.85	cps
Silver	109-1	8243898	8439962	8458653	8380838	1.42	cps
Silver	107-1	8675023	8888581	8849933	8804512	1.29	cps
Sodium	23-2	8242380	8177895	8240599	8220291	0.45	cps
Strontium	86-1	2237576	2268572	2248099	2251416	0.70	cps
Strontium	88-1	18988194	19267650	19140771	19132205	0.73	cps
Sulfur	34-1	806978	813603	806848	809143	0.48	cps
Terbium	159-1	9662582	9953670	9849037	9821763	1.50	cps
Terbium	159-2	2047212	2013762	2083838	2048271	1.71	cps
Thallium	203-1	6374356	6493696	6465951	6444668	0.97	cps
Thallium	205-1	15116029	15367068	15249031	15244042	0.82	cps
Tin	118-1	5722302	5884999	5886897	5831400	1.62	cps
Titanium	47-1	850196	863891	862637	858908	0.88	cps
Uranium	238-1	19648497	20356649	20469786	20158311	2.21	cps
Vanadium	51-2	668380	670824	683808	674337	1.23	cps
Yttrium	89-1	7601215	7775171	7801780	7726055	1.41	cps
Yttrium	89-2	277216	273331	278013	276186	0.91	cps
Zinc	66-2	287509	289626	292926	290020	0.94	cps
Zirconium	90-1	12212813	12337675	12253509	12267999	0.52	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:05:02	DataFile Name :	010CALS_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2737301	2798317	2797114	2777577	1.26	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:08:10	DataFile Name :	011CAL5_P8091517- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708028	707058	711589	708892	0.34	cps
Antimony	121-1	17721	18539	18873	18377	3.22	cps
Arsenic	75-2	56	37	56	49	21.65	cps
Barium	135-1	2975	3084	2867	2975	3.64	cps
Barium	137-1	5093	4843	4593	4843	5.16	cps
Beryllium	9-1	589	544	511	548	7.12	cps
Bismuth	209-1	5402451	5606466	5549512	5519476	1.91	cps
Bismuth	209-2	1519327	1541868	1534429	1531875	0.75	cps
Boron	11-1	21717	20198	18955	20290	6.82	cps
Boron	10-1	4943	4551	4042	4512	10.00	cps
Cadmium	106-1	1483	1433	1600	1506	5.68	cps
Cadmium	108-1	13	50	33	32	58.82	cps
Cadmium	111-1	1351	1227	1347	1308	5.38	cps
Calcium	43-1	8228608	8462889	8665942	8452480	2.59	cps
Calcium	44-1	135687207	139837353	140560003	138694854	1.90	cps
Chromium	52-2	6818	6878	6965	6887	1.07	cps
Cobalt	59-2	2370	2237	2214	2274	3.72	cps
Copper	63-2	5128	4838	4711	4892	4.37	cps
Dysprosium	156-1	100	108	92	100	8.33	cps
Dysprosium	156-2	10	20	23	18	39.03	cps
Erbium	164-1	75	92	67	78	16.37	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	58	67	100	75	29.39	cps
Gadolinium	160-2	30	13	20	21	39.75	cps
Holmium	165-1	9164243	9551571	9486878	9400897	2.21	cps
Holmium	165-2	2135902	2156472	2138224	2143533	0.53	cps
Indium	115-1	6991105	7363122	7291343	7215190	2.74	cps
Indium	115-2	362268	363655	359214	361713	0.63	cps
Iron	56-2	148918837	149031303	148600959	148850366	0.15	cps
Iron	57-2	3723790	3753246	3711031	3729356	0.58	cps
Lead	206-1	8275	8220	8714	8403	3.23	cps
Lead	207-1	7258	7753	7302	7438	3.68	cps
Lead	208-1	33212	33824	33674	33570	0.95	cps
Lithium	6-1	1053591	1086773	1102851	1081072	2.32	cps
Magnesium	24-2	16909402	17107689	17053699	17023597	0.60	cps
Manganese	55-2	1577	1763	1737	1692	5.97	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:08:10	DataFile Name :	011CAL5_P8091517- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	7269	7394	7102	7255	2.02	cps
Molybdenum	94-1	3834	4017	4243	4031	5.07	cps
Molybdenum	95-1	4451	4176	4451	4359	3.64	cps
Molybdenum	96-1	6927	7219	7060	7069	2.07	cps
Molybdenum	97-1	2867	2992	3192	3017	5.43	cps
Neodymium	150-1	60	140	107	102	39.31	cps
Neodymium	150-2	20	10	17	16	32.73	cps
Nickel	60-2	2024	1994	1914	1977	2.88	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	4975898	4998118	4957770	4977262	0.41	cps
Rhodium	103-1	6238717	6612305	6510732	6453918	2.99	cps
Rhodium	103-2	1878667	1880416	1837264	1865449	1.31	cps
Scandium	45-1	3849969	4023599	4031302	3968290	2.58	cps
Scandium	45-2	42324	42895	42769	42663	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	11	4	5	114.60	cps
Selenium	82-1	100	33	25	52	79.09	cps
Silicon	28-1	351367	360639	358531	356846	1.36	cps
Silver	109-1	1025	933	1083	1014	7.46	cps
Silver	107-1	1025	1092	1067	1061	3.17	cps
Sodium	23-2	41214303	40979044	41251808	41148385	0.36	cps
Strontium	86-1	75542	77554	77696	76931	1.57	cps
Strontium	88-1	648353	662643	668845	659947	1.59	cps
Sulfur	34-1	320670	324222	329285	324726	1.33	cps
Terbium	159-1	9420868	9747717	9753546	9640710	1.98	cps
Terbium	159-2	2063395	2062812	2048105	2058104	0.42	cps
Thallium	203-1	2509	2575	2292	2459	6.03	cps
Thallium	205-1	5793	5151	5418	5454	5.91	cps
Tin	118-1	4693	4309	4034	4345	7.61	cps
Titanium	47-1	533	550	683	589	13.96	cps
Uranium	238-1	1875	1975	1834	1895	3.84	cps
Vanadium	51-2	150	163	170	161	6.32	cps
Yttrium	89-1	7361228	7679787	7645518	7562178	2.31	cps
Yttrium	89-2	277955	281469	279504	279643	0.63	cps
Zinc	66-2	977	1067	1130	1058	7.28	cps
Zirconium	90-1	3459	3409	3526	3465	1.69	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:08:10	DataFile Name :	011CALS_P8091517- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	892	825	800	13.30	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:27:35	DataFile Name :	013ICV_P8091517- MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3884	3726	3726	3778	2.42	cps
Antimony	121-1	1579585	1612494	1612510	1601530	1.19	cps
Arsenic	75-2	21374	21713	21292	21460	1.04	cps
Barium	135-1	158598	165969	164648	163072	2.41	cps
Barium	137-1	277643	287970	285824	283812	1.92	cps
Beryllium	9-1	100130	103979	102205	102105	1.89	cps
Bismuth	209-1	5535703	5556031	5574392	5555376	0.35	cps
Bismuth	209-2	1590616	1628095	1598588	1605766	1.23	cps
Boron	11-1	338434	345785	345694	343304	1.23	cps
Boron	10-1	73907	75625	74410	74647	1.18	cps
Cadmium	106-1	28214	29124	28431	28590	1.66	cps
Cadmium	108-1	15125	15701	15889	15572	2.55	cps
Cadmium	111-1	176011	180542	178484	178346	1.27	cps
Calcium	43-1	35070	35421	36715	35735	2.43	cps
Calcium	44-1	562602	578436	580376	573805	1.70	cps
Chromium	52-2	84547	86015	85580	85381	0.88	cps
Cobalt	59-2	179035	182306	181694	181012	0.96	cps
Copper	63-2	150876	155316	151715	152636	1.55	cps
Dysprosium	156-1	33	17	17	22	43.30	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	50	50	53	9.12	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	50	58	33	47	26.95	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	8887683	8821473	8937568	8882241	0.66	cps
Holmium	165-2	2042098	2094474	2072047	2069540	1.27	cps
Indium	115-1	7329660	7238914	7358696	7309090	0.85	cps
Indium	115-2	364607	371082	365383	367024	0.96	cps
Iron	56-2	568426	584346	575387	576053	1.39	cps
Iron	57-2	14069	14508	14730	14436	2.33	cps
Lead	206-1	941613	960721	944280	948872	1.09	cps
Lead	207-1	818881	833717	826124	826241	0.90	cps
Lead	208-1	3794222	3862747	3820739	3825903	0.90	cps
Lithium	6-1	1057165	1083735	1072708	1071203	1.25	cps
Magnesium	24-2	39038	37709	38837	38528	1.86	cps
Manganese	55-2	24348	25193	24425	24655	1.89	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:27:35	DataFile Name :	013ICV_P8091517- MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2877651	2919886	2907847	2901795	0.75	cps
Molybdenum	94-1	3304465	3387301	3310200	3333989	1.39	cps
Molybdenum	95-1	1785820	1813826	1804615	1801420	0.79	cps
Molybdenum	96-1	2308303	2367265	2355573	2343714	1.33	cps
Molybdenum	97-1	1097471	1120385	1105782	1107879	1.05	cps
Neodymium	150-1	20	33	0	18	94.37	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	52914	54443	52208	53188	2.15	cps
Phosphorus	31-2	17	25	0	14	91.65	cps
Potassium	39-2	40710	42992	42114	41939	2.74	cps
Rhodium	103-1	6875790	6862521	6864218	6867510	0.11	cps
Rhodium	103-2	1954490	1985351	1955705	1965182	0.89	cps
Scandium	45-1	3943067	3968634	4008602	3973434	0.83	cps
Scandium	45-2	42839	44089	44106	43678	1.66	cps
Selenium	77-2	150	180	170	167	9.17	cps
Selenium	78-2	513	561	520	532	4.88	cps
Selenium	82-1	20428	21243	20787	20820	1.96	cps
Silicon	28-1	1830704	1866904	1863999	1853869	1.08	cps
Silver	109-1	794153	806409	804193	801585	0.81	cps
Silver	107-1	836206	858051	849416	847891	1.30	cps
Sodium	23-2	159642	164632	161390	161888	1.56	cps
Strontium	86-1	1114126	1152713	1134401	1133747	1.70	cps
Strontium	88-1	9586337	9865535	9794967	9748946	1.49	cps
Sulfur	34-1	303995	304514	309459	305989	0.99	cps
Terbium	159-1	9207598	9199013	9229426	9212012	0.17	cps
Terbium	159-2	1982776	2039412	1983613	2001934	1.62	cps
Thallium	203-1	1180882	1201676	1194457	1192338	0.89	cps
Thallium	205-1	2902391	2884906	2896973	2894757	0.31	cps
Tin	118-1	2975284	3040704	2989245	3001744	1.15	cps
Titanium	47-1	433640	442676	440674	438996	1.08	cps
Uranium	238-1	10206922	10327804	10246248	10260325	0.60	cps
Vanadium	51-2	62898	63690	63983	63524	0.88	cps
Yttrium	89-1	7517745	7492439	7619134	7543106	0.89	cps
Yttrium	89-2	272674	283934	279537	278715	2.04	cps
Zinc	66-2	27651	29087	28787	28508	2.66	cps
Zirconium	90-1	6157716	6209845	6252148	6206570	0.76	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:27:35	DataFile Name :	013ICV_P8091517- MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1383921	1409006	1399458	1397462	0.91	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 14:31:24 DataFile Name : 014CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	25	28	45.82	cps
Antimony	121-1	817	992	1108	972	15.10	cps
Arsenic	75-2	9	2	4	5	78.12	cps
Barium	135-1	67	42	67	58	24.74	cps
Barium	137-1	92	83	92	89	5.41	cps
Beryllium	9-1	211	267	189	222	18.03	cps
Bismuth	209-1	5625336	5566355	5550034	5580575	0.71	cps
Bismuth	209-2	1676568	1650067	1664401	1663679	0.80	cps
Boron	11-1	7694	7119	6894	7235	5.71	cps
Boron	10-1	1775	1608	1458	1614	9.82	cps
Cadmium	106-1	1108	1450	1392	1317	13.88	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Cadmium	111-1	805	1028	988	940	12.67	cps
Calcium	43-1	1483	1350	1417	1417	4.71	cps
Calcium	44-1	24405	24873	24631	24636	0.95	cps
Chromium	52-2	790	843	800	811	3.50	cps
Cobalt	59-2	80	110	83	91	18.05	cps
Copper	63-2	327	297	277	300	8.39	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	50	50	36	66.62	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	58	75	50	61	20.83	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	8925706	8991363	8921929	8946333	0.44	cps
Holmium	165-2	2186482	2135056	2145872	2155803	1.26	cps
Indium	115-1	7475092	7459629	7389792	7441504	0.61	cps
Indium	115-2	393585	383854	386573	388004	1.29	cps
Iron	56-2	2573	2417	2484	2491	3.13	cps
Iron	57-2	106	67	28	67	58.33	cps
Lead	206-1	800	711	856	789	9.24	cps
Lead	207-1	678	722	589	663	10.24	cps
Lead	208-1	3078	3211	3084	3124	2.41	cps
Lithium	6-1	1059147	1085197	1082633	1075659	1.33	cps
Magnesium	24-2	450	408	367	408	10.20	cps
Manganese	55-2	83	80	67	77	11.50	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:31:24	DataFile Name :	014CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	667	742	675	694	5.92	cps
Molybdenum	94-1	650	608	625	628	3.34	cps
Molybdenum	95-1	408	392	617	472	26.55	cps
Molybdenum	96-1	775	542	558	625	20.83	cps
Molybdenum	97-1	392	317	350	353	10.65	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	213	317	233	254	21.54	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	3384	3667	3767	3606	5.52	cps
Rhodium	103-1	6966927	6982676	6980332	6976645	0.12	cps
Rhodium	103-2	2074602	2002242	2052202	2043015	1.81	cps
Scandium	45-1	4052220	4004916	4035397	4030845	0.59	cps
Scandium	45-2	45132	43986	44129	44416	1.41	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	74	-51	50	24	277.35	cps
Silicon	28-1	317726	313563	312824	314705	0.84	cps
Silver	109-1	217	242	175	211	15.95	cps
Silver	107-1	267	233	267	256	7.53	cps
Sodium	23-2	8061	8469	7269	7933	7.69	cps
Strontium	86-1	733	850	1075	886	19.60	cps
Strontium	88-1	758	742	733	745	1.71	cps
Sulfur	34-1	302788	303470	305100	303786	0.39	cps
Terbium	159-1	9268543	9297370	9375091	9313668	0.59	cps
Terbium	159-2	2123612	2031800	2092424	2082612	2.24	cps
Thallium	203-1	542	592	550	561	4.77	cps
Thallium	205-1	1200	1317	1008	1175	13.25	cps
Tin	118-1	2067	2100	2209	2125	3.49	cps
Titanium	47-1	183	208	192	194	6.55	cps
Uranium	238-1	1017	1075	700	931	21.69	cps
Vanadium	51-2	23	7	17	16	53.90	cps
Yttrium	89-1	7622328	7644166	7579534	7615343	0.43	cps
Yttrium	89-2	293753	286312	291797	290621	1.33	cps
Zinc	66-2	50	50	33	44	21.66	cps
Zirconium	90-1	858	933	983	925	6.80	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:31:24	DataFile Name :	014CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	192	292	222	27.13	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:34:32	DataFile Name :	015ICSA_P8091517- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	646532	640207	633375	640038	1.03	cps
Antimony	121-1	9637	9996	9946	9860	1.97	cps
Arsenic	75-2	41	30	28	33	21.43	cps
Barium	135-1	2475	2617	2317	2470	6.08	cps
Barium	137-1	4509	4359	4793	4554	4.83	cps
Beryllium	9-1	439	439	500	459	7.68	cps
Bismuth	209-1	5485837	5513562	5515814	5505071	0.30	cps
Bismuth	209-2	1589616	1570675	1583935	1581409	0.61	cps
Boron	11-1	6285	6543	6560	6463	2.39	cps
Boron	10-1	1625	1508	1325	1486	10.18	cps
Cadmium	106-1	1483	1475	1292	1417	7.65	cps
Cadmium	108-1	800	679	679	719	9.70	cps
Cadmium	111-1	1566	1591	1341	1499	9.16	cps
Calcium	43-1	1620821	1604024	1638695	1621180	1.07	cps
Calcium	44-1	26483007	26380839	26258096	26373981	0.43	cps
Chromium	52-2	20739	20318	20849	20635	1.36	cps
Cobalt	59-2	2220	2307	2267	2265	1.92	cps
Copper	63-2	12599	12603	13020	12740	1.90	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	50	58	50	53	9.12	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	83	58	117	86	33.98	cps
Gadolinium	160-2	27	27	27	27	0.00	cps
Holmium	165-1	9125456	9048890	9166946	9113764	0.66	cps
Holmium	165-2	2158428	2140960	2142135	2147174	0.45	cps
Indium	115-1	7249100	7316798	7304339	7290079	0.49	cps
Indium	115-2	375872	366997	369661	370843	1.23	cps
Iron	56-2	59427971	59006296	59165215	59199827	0.36	cps
Iron	57-2	1502043	1478593	1486908	1489181	0.80	cps
Lead	206-1	23545	24329	23194	23689	2.45	cps
Lead	207-1	18086	17857	18631	18191	2.18	cps
Lead	208-1	87954	87346	86955	87418	0.58	cps
Lithium	6-1	1044715	1043924	1052225	1046954	0.44	cps
Magnesium	24-2	3407900	3373482	3405647	3395677	0.57	cps
Manganese	55-2	2027	1977	2110	2038	3.31	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:34:32	DataFile Name :	015ICSA_P8091517- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	10538671	10492226	10563103	10531333	0.34	cps
Molybdenum	94-1	3774609	3752289	3739641	3755513	0.47	cps
Molybdenum	95-1	6521136	6481673	6491014	6497941	0.32	cps
Molybdenum	96-1	7136625	7078746	7035860	7083744	0.71	cps
Molybdenum	97-1	4100440	4099770	4072515	4090908	0.39	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	3824	3927	3727	3826	2.61	cps
Phosphorus	31-2	51704	50935	51369	51336	0.75	cps
Potassium	39-2	2008987	1982848	1998281	1996705	0.66	cps
Rhodium	103-1	6530355	6630481	6717857	6626231	1.42	cps
Rhodium	103-2	1965453	1951091	1957612	1958052	0.37	cps
Scandium	45-1	3995541	3970929	3974777	3980415	0.33	cps
Scandium	45-2	43771	43541	43517	43610	0.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	6	5	57.32	cps
Selenium	82-1	-57	8	110	20	421.30	cps
Silicon	28-1	410027	405899	404511	406812	0.71	cps
Silver	109-1	1292	1267	1442	1333	7.10	cps
Silver	107-1	1500	1342	1492	1445	6.17	cps
Sodium	23-2	8083758	8086530	8103319	8091203	0.13	cps
Strontium	86-1	73724	73430	72862	73339	0.60	cps
Strontium	88-1	624985	618591	626896	623491	0.70	cps
Sulfur	34-1	2150608	2139958	2119196	2136587	0.75	cps
Terbium	159-1	9322730	9398537	9458892	9393386	0.73	cps
Terbium	159-2	2070899	2059361	2045959	2058740	0.61	cps
Thallium	203-1	708	750	700	720	3.72	cps
Thallium	205-1	1775	1725	1634	1711	4.20	cps
Tin	118-1	2025	1867	2084	1992	5.63	cps
Titanium	47-1	1640332	1626474	1631820	1632875	0.43	cps
Uranium	238-1	500	475	417	464	9.22	cps
Vanadium	51-2	140	117	83	113	25.13	cps
Yttrium	89-1	7575116	7600990	7561195	7579100	0.27	cps
Yttrium	89-2	285816	281708	281702	283075	0.84	cps
Zinc	66-2	1547	1620	1623	1597	2.71	cps
Zirconium	90-1	1375	1167	1258	1267	8.24	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:34:32	DataFile Name :	015ICSA_P8091517- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	300	242	281	12.00	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 14:37:36 DataFile Name : 016ICSB_P8091517- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	649056	648687	647860	648534	0.09	cps
Antimony	121-1	172585	171216	173403	172401	0.64	cps
Arsenic	75-2	2228	2224	2380	2277	3.90	cps
Barium	135-1	37462	36335	36936	36911	1.53	cps
Barium	137-1	64030	63847	64793	64223	0.78	cps
Beryllium	9-1	21400	21939	21188	21509	1.80	cps
Bismuth	209-1	5397757	5527667	5504518	5476647	1.27	cps
Bismuth	209-2	1586413	1602702	1585104	1591406	0.62	cps
Boron	11-1	5535	5076	5476	5362	4.65	cps
Boron	10-1	1400	1083	1100	1195	14.92	cps
Cadmium	106-1	4459	4526	4418	4468	1.22	cps
Cadmium	108-1	2846	3030	3288	3055	7.27	cps
Cadmium	111-1	35695	36068	35849	35871	0.52	cps
Calcium	43-1	1636915	1623298	1634388	1631534	0.44	cps
Calcium	44-1	26359283	26390712	26712680	26487558	0.74	cps
Chromium	52-2	38272	37848	38276	38132	0.65	cps
Cobalt	59-2	40566	40659	40559	40595	0.14	cps
Copper	63-2	45444	45913	44986	45448	1.02	cps
Dysprosium	156-1	33	42	33	36	13.32	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	83	42	50	58	37.80	cps
Erbium	164-2	13	0	23	12	95.78	cps
Gadolinium	160-1	67	67	33	56	34.65	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	9027757	9181665	9101998	9103807	0.85	cps
Holmium	165-2	2140552	2138839	2161047	2146812	0.58	cps
Indium	115-1	7249524	7374499	7283101	7302375	0.89	cps
Indium	115-2	372402	375920	372833	373718	0.51	cps
Iron	56-2	59656368	60050762	59756749	59821293	0.34	cps
Iron	57-2	1517504	1524938	1522048	1521497	0.25	cps
Lead	206-1	121379	121593	123338	122103	0.88	cps
Lead	207-1	101084	101699	103144	101976	1.04	cps
Lead	208-1	470521	471662	478867	473683	0.96	cps
Lithium	6-1	1001470	1025474	1020742	1015895	1.25	cps
Magnesium	24-2	3416034	3429615	3392881	3412843	0.54	cps
Manganese	55-2	7492	7209	7069	7256	2.97	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:37:36	DataFile Name :	016ICSB_P8091517- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	10581151	10550759	10754074	10628662	1.03	cps
Molybdenum	94-1	3699837	3727359	3781446	3736214	1.11	cps
Molybdenum	95-1	6495965	6472477	6577096	6515179	0.84	cps
Molybdenum	96-1	7024443	6994617	7125120	7048060	0.97	cps
Molybdenum	97-1	4041142	4048163	4115053	4068119	1.00	cps
Neodymium	150-1	20	47	87	51	65.65	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	14101	14114	14291	14169	0.75	cps
Phosphorus	31-2	51670	52315	52372	52119	0.75	cps
Potassium	39-2	2030929	2008240	2020354	2019841	0.56	cps
Rhodium	103-1	6574819	6644719	6682236	6633925	0.82	cps
Rhodium	103-2	1955410	1957458	1941494	1951454	0.45	cps
Scandium	45-1	3949670	4019146	3942376	3970397	1.07	cps
Scandium	45-2	44109	44390	44664	44388	0.63	cps
Selenium	77-2	23	23	3	17	69.30	cps
Selenium	78-2	44	56	61	54	15.80	cps
Selenium	82-1	2020	2106	2071	2066	2.09	cps
Silicon	28-1	401109	397767	407924	402267	1.29	cps
Silver	109-1	155118	156291	156400	155937	0.46	cps
Silver	107-1	164021	160647	163555	162741	1.12	cps
Sodium	23-2	8109884	8219146	8165150	8164726	0.67	cps
Strontium	86-1	73205	73540	74193	73646	0.68	cps
Strontium	88-1	626824	622186	632497	627169	0.82	cps
Sulfur	34-1	2153336	2109250	2142962	2135183	1.08	cps
Terbium	159-1	9347784	9478795	9478806	9435128	0.80	cps
Terbium	159-2	2079307	2090025	2075253	2081528	0.37	cps
Thallium	203-1	123454	123353	125096	123967	0.79	cps
Thallium	205-1	292779	293902	294953	293878	0.37	cps
Tin	118-1	1717	1725	1642	1695	2.71	cps
Titanium	47-1	1624812	1641294	1631450	1632519	0.51	cps
Uranium	238-1	333	367	375	358	6.15	cps
Vanadium	51-2	13884	13483	13553	13640	1.57	cps
Yttrium	89-1	7433432	7583757	7638493	7551894	1.41	cps
Yttrium	89-2	283450	288810	286663	286307	0.94	cps
Zinc	66-2	4744	4844	4564	4718	3.01	cps
Zirconium	90-1	1075	1008	933	1006	7.05	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:37:36	DataFile Name :	016ICSB_P8091517- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	242	275	258	6.45	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:50:18	DataFile Name :	020CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	361903	359149	363944	361665	0.67	cps
Antimony	121-1	4214465	4348921	4286777	4283388	1.57	cps
Arsenic	75-2	58094	56816	57004	57305	1.20	cps
Barium	135-1	4360825	4512492	4430930	4434749	1.71	cps
Barium	137-1	7532435	7715975	7589680	7612697	1.23	cps
Beryllium	9-1	541753	550405	548613	546924	0.83	cps
Bismuth	209-1	5507339	5562160	5465699	5511732	0.88	cps
Bismuth	209-2	1591578	1571712	1563735	1575675	0.91	cps
Boron	11-1	296914	315717	314708	309113	3.42	cps
Boron	10-1	66622	67142	68798	67521	1.68	cps
Cadmium	106-1	90343	94564	91459	92122	2.37	cps
Cadmium	108-1	60665	62724	63311	62233	2.23	cps
Cadmium	111-1	875570	896533	889604	887235	1.20	cps
Calcium	43-1	4074576	4167603	4124354	4122178	1.13	cps
Calcium	44-1	66973310	68353949	68017612	67781624	1.06	cps
Chromium	52-2	470211	465632	461980	465941	0.89	cps
Cobalt	59-2	961827	946595	929917	946113	1.69	cps
Copper	63-2	1625938	1609813	1604438	1613396	0.69	cps
Dysprosium	156-1	75	75	108	86	22.35	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	8	58	50	39	68.89	cps
Erbium	164-2	17	3	23	14	70.51	cps
Gadolinium	160-1	75	83	92	83	10.00	cps
Gadolinium	160-2	23	17	30	23	28.56	cps
Holmium	165-1	9270913	9379998	9181909	9277606	1.07	cps
Holmium	165-2	2172914	2134282	2133011	2146736	1.06	cps
Indium	115-1	7285660	7405006	7296547	7329071	0.90	cps
Indium	115-2	372329	364965	364295	367197	1.21	cps
Iron	56-2	75430599	75311679	74180332	74974204	0.92	cps
Iron	57-2	1912134	1924593	1883511	1906746	1.10	cps
Lead	206-1	2542578	2543652	2532675	2539635	0.24	cps
Lead	207-1	2336497	2350561	2296777	2327945	1.20	cps
Lead	208-1	10327826	10356856	10247820	10310834	0.55	cps
Lithium	6-1	1065314	1092602	1086548	1081488	1.33	cps
Magnesium	24-2	8688694	8612910	8559528	8620377	0.75	cps
Manganese	55-2	266774	265089	262247	264703	0.86	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : CCV027 Instrumnet Name : P8
 Client Sample ID : CCV027 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 14:50:18 DataFile Name : 020CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2837502	2911536	2896438	2881825	1.36	cps
Molybdenum	94-1	3269362	3337141	3323777	3310093	1.08	cps
Molybdenum	95-1	1770804	1786447	1770004	1775752	0.52	cps
Molybdenum	96-1	2302235	2346097	2317976	2322103	0.96	cps
Molybdenum	97-1	1076261	1107854	1098123	1094079	1.48	cps
Neodymium	150-1	147	153	173	158	8.80	cps
Neodymium	150-2	17	0	7	8	107.84	cps
Nickel	60-2	273391	269907	268577	270625	0.92	cps
Phosphorus	31-2	5410	5501	5460	5457	0.84	cps
Potassium	39-2	2604799	2566798	2541223	2570940	1.24	cps
Rhodium	103-1	6633085	6672279	6613107	6639490	0.45	cps
Rhodium	103-2	1949803	1922178	1910361	1927448	1.05	cps
Scandium	45-1	4129587	4104208	4065349	4099715	0.79	cps
Scandium	45-2	44975	44410	43955	44447	1.15	cps
Selenium	77-2	387	420	420	409	4.71	cps
Selenium	78-2	1402	1387	1420	1403	1.19	cps
Selenium	82-1	53996	55157	54673	54609	1.07	cps
Silicon	28-1	1876782	1921531	1896076	1898130	1.18	cps
Silver	109-1	4053313	4204017	4121102	4126144	1.83	cps
Silver	107-1	4351972	4374299	4371653	4365975	0.28	cps
Sodium	23-2	21022455	20915958	20656560	20864991	0.90	cps
Strontium	86-1	1117665	1144125	1139465	1133751	1.25	cps
Strontium	88-1	9687311	9919794	9854699	9820601	1.22	cps
Sulfur	34-1	549899	562616	556742	556419	1.14	cps
Terbium	159-1	9651121	9678406	9585123	9638217	0.50	cps
Terbium	159-2	2100670	2046774	2048785	2065409	1.48	cps
Thallium	203-1	3128206	3149787	3141791	3139928	0.35	cps
Thallium	205-1	7405024	7387268	7329017	7373770	0.54	cps
Tin	118-1	2901951	2979966	2934223	2938713	1.33	cps
Titanium	47-1	428588	438179	435430	434066	1.14	cps
Uranium	238-1	9662180	9785415	9787045	9744880	0.74	cps
Vanadium	51-2	356334	352406	348160	352300	1.16	cps
Yttrium	89-1	7718143	7823392	7658117	7733217	1.08	cps
Yttrium	89-2	290369	283485	281508	285121	1.63	cps
Zinc	66-2	148667	146574	145968	147070	0.96	cps
Zirconium	90-1	6155688	6291371	6318549	6255203	1.39	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:50:18	DataFile Name :	020CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1385530	1419706	1400727	1401988	1.22	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:53:15	DataFile Name :	021CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	25	19	24.73	cps
Antimony	121-1	2709	2892	2784	2795	3.30	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	725	67	50	281	137.23	cps
Barium	137-1	833	308	50	397	100.49	cps
Beryllium	9-1	361	428	239	343	27.96	cps
Bismuth	209-1	5414150	5549002	5784962	5582705	3.36	cps
Bismuth	209-2	1745200	1759569	1710929	1738566	1.44	cps
Boron	11-1	10538	10196	10037	10257	2.49	cps
Boron	10-1	2392	2359	2134	2295	6.13	cps
Cadmium	106-1	1367	1434	1517	1439	5.22	cps
Cadmium	108-1	38	21	4	21	79.99	cps
Cadmium	111-1	1060	1081	1101	1080	1.89	cps
Calcium	43-1	1934	1400	1442	1592	18.64	cps
Calcium	44-1	32648	27244	26200	28697	12.06	cps
Chromium	52-2	760	777	767	768	1.09	cps
Cobalt	59-2	103	60	97	87	26.93	cps
Copper	63-2	387	290	330	336	14.48	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	0	67	33	33	100.01	cps
Erbium	164-2	17	7	0	8	107.84	cps
Gadolinium	160-1	67	33	83	61	41.67	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	8537182	8945587	9121812	8868194	3.38	cps
Holmium	165-2	2192486	2207164	2222656	2207435	0.68	cps
Indium	115-1	7177196	7480338	7527836	7395124	2.57	cps
Indium	115-2	394876	399920	397002	397266	0.64	cps
Iron	56-2	3951	3651	3417	3673	7.28	cps
Iron	57-2	139	83	117	113	24.75	cps
Lead	206-1	1078	928	900	969	9.88	cps
Lead	207-1	922	911	739	857	11.99	cps
Lead	208-1	4200	3678	3417	3765	10.59	cps
Lithium	6-1	1044654	1081952	1104695	1077100	2.81	cps
Magnesium	24-2	308	342	358	336	7.57	cps
Manganese	55-2	87	50	77	71	26.66	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:53:15	DataFile Name :	021CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1117	858	700	892	23.59	cps
Molybdenum	94-1	1050	875	642	856	23.95	cps
Molybdenum	95-1	767	600	425	597	28.61	cps
Molybdenum	96-1	1208	742	725	892	30.77	cps
Molybdenum	97-1	500	392	492	461	13.07	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	267	220	223	237	11.00	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	4376	4109	3992	4159	4.73	cps
Rhodium	103-1	6619575	6941815	6986602	6849331	2.92	cps
Rhodium	103-2	2104237	2129816	2110400	2114818	0.63	cps
Scandium	45-1	3893135	3991924	4042231	3975763	1.91	cps
Scandium	45-2	44818	46671	46520	46003	2.24	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	7	0	3	124.95	cps
Selenium	82-1	-41	-8	7	-14	-176.19	cps
Silicon	28-1	315264	322929	320047	319413	1.21	cps
Silver	109-1	1033	617	442	697	43.60	cps
Silver	107-1	975	742	442	719	37.16	cps
Sodium	23-2	16877	16010	15334	16074	4.81	cps
Strontium	86-1	925	875	1050	950	9.49	cps
Strontium	88-1	1267	400	158	608	95.80	cps
Sulfur	34-1	304948	305678	305492	305373	0.12	cps
Terbium	159-1	8873564	9412524	9533200	9273096	3.79	cps
Terbium	159-2	2122825	2130934	2129719	2127826	0.21	cps
Thallium	203-1	1308	883	1050	1081	19.82	cps
Thallium	205-1	3067	2467	2067	2534	19.87	cps
Tin	118-1	2225	1792	1667	1895	15.47	cps
Titanium	47-1	158	158	108	142	20.38	cps
Uranium	238-1	1025	350	208	528	82.69	cps
Vanadium	51-2	10	20	7	12	56.76	cps
Yttrium	89-1	7243086	7606908	7754490	7534828	3.49	cps
Yttrium	89-2	295588	297676	298311	297192	0.48	cps
Zinc	66-2	63	73	40	59	29.05	cps
Zirconium	90-1	1850	1442	1158	1484	23.44	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:53:15	DataFile Name :	021CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	283	242	311	27.88	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:56:24	DataFile Name :	022SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	142	217	192	22.59	cps
Antimony	121-1	16285	16578	15785	16216	2.47	cps
Arsenic	75-2	135	131	109	125	11.19	cps
Barium	135-1	16444	14776	15226	15482	5.58	cps
Barium	137-1	26461	26210	26578	26416	0.71	cps
Beryllium	9-1	1261	1161	1289	1237	5.43	cps
Bismuth	209-1	5578588	5612843	5613128	5601519	0.35	cps
Bismuth	209-2	1670121	1673369	1661961	1668484	0.35	cps
Boron	11-1	19372	19823	19272	19489	1.51	cps
Boron	10-1	4117	4142	4201	4154	1.03	cps
Cadmium	106-1	1725	1508	1750	1661	8.00	cps
Cadmium	108-1	142	117	133	131	9.75	cps
Cadmium	111-1	2717	2566	2819	2701	4.72	cps
Calcium	43-1	8661	8670	8920	8750	1.68	cps
Calcium	44-1	148646	147881	148814	148447	0.34	cps
Chromium	52-2	2604	2614	2660	2626	1.15	cps
Cobalt	59-2	1800	1747	1897	1815	4.19	cps
Copper	63-2	3844	3614	3691	3716	3.15	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	33	67	56	34.63	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	75	117	58	83	36.05	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	8969677	9095253	9101610	9055513	0.82	cps
Holmium	165-2	2217977	2206769	2151980	2192242	1.61	cps
Indium	115-1	7521134	7612591	7582597	7572107	0.62	cps
Indium	115-2	404035	397146	391662	397614	1.56	cps
Iron	56-2	32182	31831	31230	31748	1.52	cps
Iron	57-2	817	789	800	802	1.74	cps
Lead	206-1	5757	5779	5707	5748	0.64	cps
Lead	207-1	4901	5374	5012	5096	4.85	cps
Lead	208-1	23081	23431	22953	23155	1.07	cps
Lithium	6-1	1098665	1103581	1092462	1098236	0.51	cps
Magnesium	24-2	15534	15509	16277	15773	2.76	cps
Manganese	55-2	290	340	367	332	11.72	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:56:24	DataFile Name :	022SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	25667	24740	25116	25174	1.85	cps
Molybdenum	94-1	12790	14000	12456	13082	6.21	cps
Molybdenum	95-1	15710	16069	15943	15907	1.14	cps
Molybdenum	96-1	18063	17362	17946	17790	2.11	cps
Molybdenum	97-1	10596	9837	9812	10082	4.42	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	857	790	780	809	5.15	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	13582	14099	13974	13885	1.94	cps
Rhodium	103-1	6993174	6988029	7032671	7004625	0.35	cps
Rhodium	103-2	2092051	2085800	2069132	2082328	0.57	cps
Scandium	45-1	4026542	4072481	4095054	4064692	0.86	cps
Scandium	45-2	45714	45611	45387	45570	0.37	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	28	15	28	23	31.92	cps
Selenium	82-1	457	506	450	471	6.45	cps
Silicon	28-1	343538	344106	340184	342609	0.62	cps
Silver	109-1	10363	10463	10471	10432	0.58	cps
Silver	107-1	11013	11038	10997	11016	0.19	cps
Sodium	23-2	53276	50591	51561	51810	2.62	cps
Strontium	86-1	2834	2567	2992	2798	7.68	cps
Strontium	88-1	18146	17971	17954	18024	0.59	cps
Sulfur	34-1	300823	303016	303000	302280	0.42	cps
Terbium	159-1	9345433	9348320	9520012	9404588	1.06	cps
Terbium	159-2	2157112	2131846	2100454	2129804	1.33	cps
Thallium	203-1	6277	5768	6068	6038	4.23	cps
Thallium	205-1	14183	14534	14601	14439	1.55	cps
Tin	118-1	26853	27145	26628	26875	0.97	cps
Titanium	47-1	3734	3717	3767	3740	0.68	cps
Uranium	238-1	16829	17446	17188	17154	1.81	cps
Vanadium	51-2	3340	3204	3304	3283	2.16	cps
Yttrium	89-1	7740372	7731075	7772408	7747952	0.28	cps
Yttrium	89-2	299181	297025	293482	296563	0.97	cps
Zinc	66-2	383	357	333	358	6.99	cps
Zirconium	90-1	11605	11205	11372	11394	1.76	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 14:56:24	DataFile Name :	022SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2750	2750	2517	2673	5.04	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : PB102344BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:17:25 DataFile Name : 023CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	8	22	78.07	cps
Antimony	121-1	225	208	233	222	5.73	cps
Arsenic	75-2	2	4	0	2	100.00	cps
Barium	135-1	33	17	50	33	50.00	cps
Barium	137-1	58	58	8	42	69.29	cps
Beryllium	9-1	233	183	144	187	23.82	cps
Bismuth	209-1	5529492	5564305	5471056	5521618	0.85	cps
Bismuth	209-2	1775954	1765105	1778609	1773223	0.40	cps
Boron	11-1	2459	2684	2550	2564	4.41	cps
Boron	10-1	708	517	425	550	26.29	cps
Cadmium	106-1	1283	1275	1208	1256	3.27	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Cadmium	111-1	901	903	841	882	3.99	cps
Calcium	43-1	1534	1367	1442	1447	5.77	cps
Calcium	44-1	25140	23471	24080	24230	3.49	cps
Chromium	52-2	837	863	800	833	3.82	cps
Cobalt	59-2	53	93	30	59	54.40	cps
Copper	63-2	273	250	287	270	6.87	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	42	108	25	58	75.59	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	8793850	9002062	8896499	8897470	1.17	cps
Holmium	165-2	2280822	2256550	2244011	2260461	0.83	cps
Indium	115-1	7513802	7633684	7487312	7544933	1.03	cps
Indium	115-2	409897	410790	410401	410363	0.11	cps
Iron	56-2	2578	2578	2573	2576	0.12	cps
Iron	57-2	83	50	72	69	24.77	cps
Lead	206-1	489	522	550	520	5.88	cps
Lead	207-1	511	494	511	506	1.90	cps
Lead	208-1	2217	2289	2200	2235	2.11	cps
Lithium	6-1	1067474	1087566	1091590	1082210	1.19	cps
Magnesium	24-2	450	483	467	467	3.57	cps
Manganese	55-2	67	103	87	86	21.46	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102344BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:17:25	DataFile Name :	023CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	167	50	125	114	51.91	cps
Molybdenum	94-1	233	292	233	253	13.33	cps
Molybdenum	95-1	83	108	92	94	13.48	cps
Molybdenum	96-1	117	158	133	136	15.41	cps
Molybdenum	97-1	125	83	142	117	25.75	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	197	183	233	204	12.66	cps
Phosphorus	31-2	8	17	33	19	65.48	cps
Potassium	39-2	3792	3592	3692	3692	2.71	cps
Rhodium	103-1	6972874	7163408	7065917	7067400	1.35	cps
Rhodium	103-2	2178005	2139798	2133508	2150437	1.12	cps
Scandium	45-1	4103602	4124503	4150855	4126320	0.57	cps
Scandium	45-2	47851	47132	46537	47174	1.40	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	-87	-38	20	-35	-152.42	cps
Silicon	28-1	337397	319733	316375	324502	3.48	cps
Silver	109-1	108	125	183	139	28.35	cps
Silver	107-1	158	217	200	192	15.68	cps
Sodium	23-2	8953	9087	8620	8887	2.71	cps
Strontium	86-1	900	842	758	833	8.54	cps
Strontium	88-1	117	150	217	161	31.61	cps
Sulfur	34-1	314197	319211	318734	317380	0.87	cps
Terbium	159-1	9177240	9420518	9199232	9265663	1.45	cps
Terbium	159-2	2178668	2159312	2174511	2170830	0.47	cps
Thallium	203-1	183	283	333	267	28.64	cps
Thallium	205-1	633	708	617	653	7.48	cps
Tin	118-1	583	842	583	669	22.28	cps
Titanium	47-1	100	100	83	94	10.19	cps
Uranium	238-1	58	25	33	39	44.62	cps
Vanadium	51-2	10	7	33	17	87.16	cps
Yttrium	89-1	7728978	7856447	7802485	7795970	0.82	cps
Yttrium	89-2	313510	307111	308905	309842	1.07	cps
Zinc	66-2	50	67	53	57	15.57	cps
Zirconium	90-1	592	558	500	550	8.44	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102344BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:17:25	DataFile Name :	023CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	92	67	92	27.27	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102344BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:20:32	DataFile Name :	024LCSE_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	358	258	278	26.21	cps
Antimony	121-1	31747	32257	32933	32312	1.84	cps
Arsenic	75-2	263	241	256	253	4.47	cps
Barium	135-1	32299	32449	31564	32104	1.48	cps
Barium	137-1	55508	57459	55593	56187	1.96	cps
Beryllium	9-1	2600	2389	2461	2484	4.32	cps
Bismuth	209-1	5469077	5448085	5491230	5469464	0.39	cps
Bismuth	209-2	1690857	1693378	1557816	1647350	4.71	cps
Boron	11-1	28796	29949	30433	29726	2.83	cps
Boron	10-1	6377	6343	6585	6435	2.04	cps
Cadmium	106-1	1800	1850	1800	1817	1.59	cps
Cadmium	108-1	179	229	275	228	21.04	cps
Cadmium	111-1	4560	4498	4447	4502	1.26	cps
Calcium	43-1	17787	17378	17320	17495	1.46	cps
Calcium	44-1	284539	288655	287057	286750	0.72	cps
Chromium	52-2	4978	4668	4861	4835	3.24	cps
Cobalt	59-2	4111	3987	4077	4058	1.57	cps
Copper	63-2	7459	7355	7155	7323	2.11	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	83	83	81	5.98	cps
Erbium	164-2	27	7	10	14	74.18	cps
Gadolinium	160-1	33	17	42	31	41.66	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	8923170	8985814	8870172	8926385	0.65	cps
Holmium	165-2	2197411	2222118	2044988	2154839	4.45	cps
Indium	115-1	7537049	7570217	7513637	7540301	0.38	cps
Indium	115-2	409568	409230	377137	398645	4.67	cps
Iron	56-2	250348	249867	249811	250009	0.12	cps
Iron	57-2	6568	6463	6302	6444	2.08	cps
Lead	206-1	11478	11344	12095	11639	3.44	cps
Lead	207-1	10377	10788	10388	10518	2.23	cps
Lead	208-1	46930	46790	47135	46952	0.37	cps
Lithium	6-1	1089668	1103300	1098211	1097059	0.63	cps
Magnesium	24-2	35019	34175	34084	34426	1.50	cps
Manganese	55-2	700	593	570	621	11.16	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : PB102344BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:20:32 DataFile Name : 024LCSE_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	104576	104972	104636	104728	0.20	cps
Molybdenum	94-1	45787	45552	46781	46040	1.42	cps
Molybdenum	95-1	63918	63583	64746	64083	0.93	cps
Molybdenum	96-1	71782	70844	70776	71134	0.79	cps
Molybdenum	97-1	40695	39859	41138	40564	1.60	cps
Neodymium	150-1	0	0	60	20	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1500	1390	1387	1426	4.52	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	24113	24990	23596	24233	2.91	cps
Rhodium	103-1	7020141	7109559	7021089	7050263	0.73	cps
Rhodium	103-2	2133029	2146762	1971830	2083874	4.67	cps
Scandium	45-1	4166526	4171022	4172950	4170166	0.08	cps
Scandium	45-2	47156	47975	43943	46358	4.60	cps
Selenium	77-2	10	17	17	14	26.66	cps
Selenium	78-2	39	26	35	33	20.03	cps
Selenium	82-1	1071	1154	1081	1102	4.13	cps
Silicon	28-1	384249	388227	385481	385986	0.53	cps
Silver	109-1	17062	16327	16369	16586	2.49	cps
Silver	107-1	17596	17103	17462	17387	1.46	cps
Sodium	23-2	92215	92106	90404	91575	1.11	cps
Strontium	86-1	5260	5109	5335	5235	2.19	cps
Strontium	88-1	37979	38873	38222	38358	1.21	cps
Sulfur	34-1	315770	314180	318548	316166	0.70	cps
Terbium	159-1	9248279	9434844	9218785	9300636	1.26	cps
Terbium	159-2	2164137	2182043	2004849	2117010	4.61	cps
Thallium	203-1	11522	11322	12165	11670	3.77	cps
Thallium	205-1	28015	27263	27773	27684	1.39	cps
Tin	118-1	55399	54880	55600	55293	0.67	cps
Titanium	47-1	8536	8111	8294	8314	2.57	cps
Uranium	238-1	33989	33872	35669	34510	2.91	cps
Vanadium	51-2	7079	6955	6812	6949	1.92	cps
Yttrium	89-1	7806512	7856163	7760681	7807785	0.61	cps
Yttrium	89-2	305665	306695	281260	297874	4.83	cps
Zinc	66-2	740	670	660	690	6.32	cps
Zirconium	90-1	24423	24097	24465	24328	0.83	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102344BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:20:32	DataFile Name :	024LCSE_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5051	5410	5268	5243	3.44	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5241-01 Instrumnet Name : P8
 Client Sample ID : MC0AA1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:23:41 DataFile Name : 025SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	75	58	58	28.57	cps
Antimony	121-1	1508	1508	1684	1567	6.45	cps
Arsenic	75-2	28	20	24	24	15.39	cps
Barium	135-1	178082	176165	177946	177398	0.60	cps
Barium	137-1	313441	314319	308350	312036	1.03	cps
Beryllium	9-1	161	128	156	148	12.06	cps
Bismuth	209-1	5784275	5816278	5668814	5756455	1.35	cps
Bismuth	209-2	1857215	1691816	1700416	1749815	5.32	cps
Boron	11-1	69527	70340	70834	70234	0.94	cps
Boron	10-1	15818	15292	15300	15470	1.95	cps
Cadmium	106-1	1417	1508	1542	1489	4.35	cps
Cadmium	108-1	17	8	0	8	100.02	cps
Cadmium	111-1	1072	1150	1150	1124	4.02	cps
Calcium	43-1	2200264	2157773	2152558	2170198	1.21	cps
Calcium	44-1	35355715	35236967	34626649	35073111	1.12	cps
Chromium	52-2	713	763	777	751	4.45	cps
Cobalt	59-2	2094	2117	2130	2114	0.88	cps
Copper	63-2	3831	3831	3554	3738	4.27	cps
Dysprosium	156-1	50	58	33	47	26.97	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	75	58	50	61	20.83	cps
Erbium	164-2	10	10	27	16	61.87	cps
Gadolinium	160-1	92	67	50	69	30.20	cps
Gadolinium	160-2	13	10	33	19	66.81	cps
Holmium	165-1	9710485	9646146	9624981	9660537	0.46	cps
Holmium	165-2	2415487	2214490	2257277	2295752	4.61	cps
Indium	115-1	8089370	8093072	8061249	8081230	0.22	cps
Indium	115-2	436012	401275	414974	417420	4.19	cps
Iron	56-2	1620653	1574055	1538637	1577782	2.61	cps
Iron	57-2	39663	38253	37512	38476	2.84	cps
Lead	206-1	1895	1861	1811	1856	2.26	cps
Lead	207-1	1517	1734	1683	1645	6.90	cps
Lead	208-1	7646	7390	7234	7423	2.80	cps
Lithium	6-1	1155932	1164915	1142416	1154421	0.98	cps
Magnesium	24-2	876615	843033	822024	847224	3.25	cps
Manganese	55-2	852825	817112	805416	825118	2.99	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:23:41	DataFile Name :	025SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	4259	3859	3959	4026	5.17	cps
Molybdenum	94-1	2292	2117	2284	2231	4.43	cps
Molybdenum	95-1	2567	2475	2342	2461	4.60	cps
Molybdenum	96-1	3009	2750	2975	2912	4.83	cps
Molybdenum	97-1	1717	1450	1408	1525	10.97	cps
Neodymium	150-1	47	27	73	49	47.89	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	3254	2930	3144	3109	5.29	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	54071	51946	51755	52591	2.44	cps
Rhodium	103-1	7467576	7474898	7353264	7431913	0.92	cps
Rhodium	103-2	2277860	2072961	2125161	2158661	4.93	cps
Scandium	45-1	4481343	4513420	4431557	4475440	0.92	cps
Scandium	45-2	50721	46678	48049	48482	4.24	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	0	0	3	173.21	cps
Selenium	82-1	-37	6	-7	-13	-175.85	cps
Silicon	28-1	19430216	19254285	18976492	19220331	1.19	cps
Silver	109-1	2742	2975	3334	3017	9.88	cps
Silver	107-1	3409	3467	3359	3412	1.59	cps
Sodium	23-2	2451366	2311728	2276901	2346665	3.93	cps
Strontium	86-1	775704	778316	767181	773734	0.75	cps
Strontium	88-1	6763079	6732455	6631957	6709164	1.02	cps
Sulfur	34-1	1008241	979227	977373	988280	1.75	cps
Terbium	159-1	10101041	10082308	9990655	10058002	0.59	cps
Terbium	159-2	2348644	2155356	2218022	2240674	4.40	cps
Thallium	203-1	492	542	792	608	26.42	cps
Thallium	205-1	1225	1283	1475	1328	9.85	cps
Tin	118-1	1300	1392	1008	1233	16.23	cps
Titanium	47-1	475	433	392	433	9.62	cps
Uranium	238-1	22722	23106	22914	22914	0.84	cps
Vanadium	51-2	273	217	230	240	12.34	cps
Yttrium	89-1	8407010	8387445	8343594	8379349	0.39	cps
Yttrium	89-2	331687	301080	311907	314891	4.93	cps
Zinc	66-2	1827	1630	1580	1679	7.77	cps
Zirconium	90-1	1734	1850	1800	1795	3.26	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:23:41	DataFile Name :	025SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	425	500	453	9.08	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5241-02 Instrumnet Name : P8
 Client Sample ID : MC0AA1D Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:26:46 DataFile Name : 026SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	58	125	100	36.32	cps
Antimony	121-1	1458	1500	1300	1420	7.43	cps
Arsenic	75-2	37	26	39	34	20.65	cps
Barium	135-1	172450	178895	174648	175331	1.87	cps
Barium	137-1	298791	306956	299291	301679	1.52	cps
Beryllium	9-1	156	100	139	131	21.68	cps
Bismuth	209-1	5678118	5800976	5591922	5690339	1.85	cps
Bismuth	209-2	1846070	1821244	1834042	1833785	0.68	cps
Boron	11-1	68129	70716	67325	68724	2.58	cps
Boron	10-1	14758	15476	15292	15175	2.46	cps
Cadmium	106-1	1467	1233	1217	1306	10.71	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Cadmium	111-1	1043	884	879	935	9.97	cps
Calcium	43-1	2121642	2125745	2063154	2103514	1.66	cps
Calcium	44-1	34056047	34602279	33268014	33975447	1.97	cps
Chromium	52-2	743	777	777	766	2.51	cps
Cobalt	59-2	2200	2114	2174	2162	2.05	cps
Copper	63-2	3547	3584	3537	3556	0.69	cps
Dysprosium	156-1	83	17	8	36	113.84	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	58	42	50	50	16.67	cps
Erbium	164-2	7	40	27	24	68.62	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	37	0	13	17	111.37	cps
Holmium	165-1	9425784	9570831	9169017	9388544	2.17	cps
Holmium	165-2	2390331	2374204	2380594	2381710	0.34	cps
Indium	115-1	7943175	8069794	7670085	7894351	2.59	cps
Indium	115-2	430935	426868	428376	428726	0.48	cps
Iron	56-2	1613205	1618761	1611090	1614352	0.25	cps
Iron	57-2	39507	40537	39506	39850	1.49	cps
Lead	206-1	1561	1750	1556	1622	6.82	cps
Lead	207-1	1372	1533	1417	1441	5.78	cps
Lead	208-1	6295	6718	6323	6445	3.66	cps
Lithium	6-1	1097633	1122325	1095572	1105177	1.35	cps
Magnesium	24-2	867912	866547	862474	865645	0.33	cps
Manganese	55-2	838431	842055	839010	839832	0.23	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:26:46	DataFile Name :	026SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3834	4318	3842	3998	6.92	cps
Molybdenum	94-1	2159	2084	1992	2078	4.02	cps
Molybdenum	95-1	2584	2675	2509	2589	3.22	cps
Molybdenum	96-1	2975	3034	2725	2912	5.63	cps
Molybdenum	97-1	1500	1483	1725	1570	8.60	cps
Neodymium	150-1	33	47	13	31	53.94	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	3354	3194	3174	3240	3.05	cps
Phosphorus	31-2	33	0	8	14	124.91	cps
Potassium	39-2	53587	53954	55050	54197	1.41	cps
Rhodium	103-1	7230068	7324944	7044972	7199995	1.98	cps
Rhodium	103-2	2223029	2226011	2218039	2222360	0.18	cps
Scandium	45-1	4366747	4416747	4200607	4328034	2.61	cps
Scandium	45-2	49935	49711	49293	49646	0.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	7	6	17.29	cps
Selenium	82-1	80	71	-59	31	252.72	cps
Silicon	28-1	18392281	18851318	18101174	18448257	2.05	cps
Silver	109-1	2167	2534	2584	2428	9.37	cps
Silver	107-1	2767	2834	2825	2809	1.29	cps
Sodium	23-2	2368155	2388766	2393623	2383514	0.57	cps
Strontium	86-1	750253	767735	749050	755679	1.38	cps
Strontium	88-1	6500715	6651884	6492259	6548286	1.37	cps
Sulfur	34-1	959989	950918	929635	946847	1.65	cps
Terbium	159-1	9749466	9995281	9485794	9743514	2.62	cps
Terbium	159-2	2305461	2274915	2321411	2300596	1.03	cps
Thallium	203-1	250	233	300	261	13.29	cps
Thallium	205-1	692	500	500	564	19.62	cps
Tin	118-1	967	875	1117	986	12.37	cps
Titanium	47-1	383	417	458	419	8.96	cps
Uranium	238-1	22747	23473	21812	22677	3.67	cps
Vanadium	51-2	203	233	293	243	18.83	cps
Yttrium	89-1	8121731	8321609	8028159	8157166	1.84	cps
Yttrium	89-2	324408	324679	322670	323919	0.34	cps
Zinc	66-2	1587	1593	1747	1642	5.51	cps
Zirconium	90-1	1600	1867	1634	1700	8.55	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:26:46	DataFile Name :	026SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	342	425	378	11.32	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 15:29:53	DataFile Name :	027SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	25	42	34.64	cps
Antimony	121-1	392	250	350	331	22.03	cps
Arsenic	75-2	15	6	13	11	44.06	cps
Barium	135-1	33226	32791	31789	32602	2.26	cps
Barium	137-1	58079	56237	53995	56104	3.65	cps
Beryllium	9-1	150	133	178	154	14.61	cps
Bismuth	209-1	5564530	5569603	5211142	5448425	3.77	cps
Bismuth	209-2	1770041	1721996	1717403	1736480	1.68	cps
Boron	11-1	16293	16594	16068	16318	1.62	cps
Boron	10-1	3359	3892	3592	3614	7.40	cps
Cadmium	106-1	1425	1300	1342	1356	4.70	cps
Cadmium	108-1	0	4	21	8	132.26	cps
Cadmium	111-1	1002	928	954	961	3.89	cps
Calcium	43-1	390280	387230	371284	382931	2.66	cps
Calcium	44-1	6386307	6430884	6141248	6319479	2.47	cps
Chromium	52-2	813	827	820	820	0.81	cps
Cobalt	59-2	407	420	443	423	4.38	cps
Copper	63-2	1133	1080	1140	1118	2.94	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	67	17	42	60.00	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	92	75	67	78	16.37	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	9104855	9065392	8570420	8913556	3.34	cps
Holmium	165-2	2264051	2280107	2263346	2269168	0.42	cps
Indium	115-1	7640254	7632558	7204685	7492499	3.33	cps
Indium	115-2	407707	413436	413901	411682	0.84	cps
Iron	56-2	299883	298710	297569	298721	0.39	cps
Iron	57-2	7424	7730	7474	7543	2.17	cps
Lead	206-1	594	733	622	650	11.31	cps
Lead	207-1	522	561	583	556	5.57	cps
Lead	208-1	2528	2778	2534	2613	5.46	cps
Lithium	6-1	1065603	1088435	1039432	1064490	2.30	cps
Magnesium	24-2	161557	160528	162131	161405	0.50	cps
Manganese	55-2	158126	159188	159130	158815	0.38	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 15:29:53	DataFile Name :	027SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	667	875	700	747	14.98	cps
Molybdenum	94-1	533	675	542	583	13.63	cps
Molybdenum	95-1	575	433	525	511	14.06	cps
Molybdenum	96-1	617	642	592	617	4.05	cps
Molybdenum	97-1	367	442	350	386	12.65	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	867	763	883	838	7.76	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	13090	13115	13732	13312	2.73	cps
Rhodium	103-1	7045701	7003757	6662498	6903985	3.04	cps
Rhodium	103-2	2126660	2146351	2134135	2135715	0.47	cps
Scandium	45-1	4110777	4179664	3969137	4086526	2.63	cps
Scandium	45-2	47069	47420	47078	47189	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	25	-37	0	-4	-812.88	cps
Silicon	28-1	3760505	3751705	3606344	3706185	2.34	cps
Silver	109-1	858	1042	717	872	18.68	cps
Silver	107-1	883	917	808	870	6.38	cps
Sodium	23-2	438541	435534	441587	438554	0.69	cps
Strontium	86-1	143152	144204	135220	140859	3.49	cps
Strontium	88-1	1221504	1229244	1169632	1206793	2.69	cps
Sulfur	34-1	451980	451753	442100	448611	1.26	cps
Terbium	159-1	9319668	9335700	8885922	9180430	2.78	cps
Terbium	159-2	2165545	2193510	2187502	2182185	0.67	cps
Thallium	203-1	67	108	100	92	24.05	cps
Thallium	205-1	250	208	250	236	10.19	cps
Tin	118-1	617	717	667	667	7.50	cps
Titanium	47-1	100	183	192	158	32.01	cps
Uranium	238-1	4418	4568	4459	4482	1.73	cps
Vanadium	51-2	43	40	53	46	15.23	cps
Yttrium	89-1	7746701	7814859	7408675	7656745	2.84	cps
Yttrium	89-2	306880	308489	309203	308191	0.39	cps
Zinc	66-2	360	383	343	362	5.55	cps
Zirconium	90-1	675	792	575	681	15.93	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 15:29:53	DataFile Name :	027SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	225	192	181	28.20	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5241-03 Instrumnet Name : P8
 Client Sample ID : MC0AA1S Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:33:01 DataFile Name : 028SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15234	15401	15618	15417	1.25	cps
Antimony	121-1	941290	943803	932913	939335	0.61	cps
Arsenic	75-2	5347	5512	5068	5309	4.23	cps
Barium	135-1	4070656	4077115	4004960	4050910	0.99	cps
Barium	137-1	6962397	6951719	6927733	6947283	0.26	cps
Beryllium	9-1	61799	60778	61169	61249	0.84	cps
Bismuth	209-1	5678995	5635921	5655668	5656862	0.38	cps
Bismuth	209-2	1771306	1707606	1716006	1731639	2.00	cps
Boron	11-1	62897	66371	66262	65177	3.03	cps
Boron	10-1	13607	14933	14158	14233	4.68	cps
Cadmium	106-1	10179	10571	10154	10302	2.27	cps
Cadmium	108-1	6477	6677	6418	6524	2.08	cps
Cadmium	111-1	101481	101040	101084	101202	0.24	cps
Calcium	43-1	2046011	2051226	2058639	2051959	0.31	cps
Calcium	44-1	33237423	33310792	32805391	33117869	0.82	cps
Chromium	52-2	219219	217722	217370	218104	0.45	cps
Cobalt	59-2	1137304	1123135	1131474	1130638	0.63	cps
Copper	63-2	480728	478393	482797	480639	0.46	cps
Dysprosium	156-1	67	33	42	47	36.74	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	100	108	75	94	18.37	cps
Erbium	164-2	23	20	10	18	39.03	cps
Gadolinium	160-1	50	75	100	75	33.33	cps
Gadolinium	160-2	10	20	30	20	50.00	cps
Holmium	165-1	9510181	9384749	9320244	9405058	1.03	cps
Holmium	165-2	2327020	2303982	2286949	2305983	0.87	cps
Indium	115-1	7830643	7805661	7840837	7825714	0.23	cps
Indium	115-2	419182	416085	414347	416538	0.59	cps
Iron	56-2	2286999	2268787	2288901	2281562	0.49	cps
Iron	57-2	57162	54512	55840	55838	2.37	cps
Lead	206-1	109143	109747	108930	109274	0.39	cps
Lead	207-1	98110	97909	97835	97951	0.14	cps
Lead	208-1	439326	440208	439340	439624	0.11	cps
Lithium	6-1	1121194	1110688	1083724	1105202	1.75	cps
Magnesium	24-2	824419	818455	821337	821404	0.36	cps
Manganese	55-2	960014	953212	958601	957276	0.37	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5241-03 Instrumnet Name : P8
 Client Sample ID : MC0AA1S Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:33:01 DataFile Name : 028SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3842	4201	4143	4062	4.74	cps
Molybdenum	94-1	1759	1909	1850	1839	4.11	cps
Molybdenum	95-1	2717	2650	2509	2625	4.05	cps
Molybdenum	96-1	3034	2809	2825	2889	4.34	cps
Molybdenum	97-1	1692	1625	1575	1631	3.59	cps
Neodymium	150-1	160	120	133	138	14.78	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	329639	326637	328206	328161	0.46	cps
Phosphorus	31-2	17	8	33	19	65.47	cps
Potassium	39-2	52691	51412	52081	52061	1.23	cps
Rhodium	103-1	7171157	7119516	7114527	7135067	0.44	cps
Rhodium	103-2	2196410	2160215	2147318	2167981	1.17	cps
Scandium	45-1	4324775	4322847	4239295	4295639	1.14	cps
Scandium	45-2	48286	48260	48493	48346	0.26	cps
Selenium	77-2	107	93	103	101	6.86	cps
Selenium	78-2	330	352	350	344	3.59	cps
Selenium	82-1	12731	12784	12658	12724	0.50	cps
Silicon	28-1	18164098	18031316	18029516	18074977	0.43	cps
Silver	109-1	433632	433062	427588	431427	0.77	cps
Silver	107-1	450110	452235	450587	450977	0.25	cps
Sodium	23-2	2276547	2241639	2278846	2265677	0.92	cps
Strontium	86-1	738631	742619	735364	738871	0.49	cps
Strontium	88-1	6428641	6453267	6368849	6416919	0.68	cps
Sulfur	34-1	937680	908990	1044170	963613	7.39	cps
Terbium	159-1	9659520	9763092	9729476	9717363	0.54	cps
Terbium	159-2	2257340	2231288	2214786	2234471	0.96	cps
Thallium	203-1	336430	333561	331809	333933	0.70	cps
Thallium	205-1	802515	789921	802992	798476	0.93	cps
Tin	118-1	1500	1258	1442	1400	9.01	cps
Titanium	47-1	433	517	475	475	8.77	cps
Uranium	238-1	22505	22296	22429	22410	0.47	cps
Vanadium	51-2	409081	407387	409180	408549	0.25	cps
Yttrium	89-1	8149544	8158019	8012641	8106735	1.01	cps
Yttrium	89-2	317251	314100	313447	314933	0.65	cps
Zinc	66-2	89469	88986	90201	89552	0.68	cps
Zirconium	90-1	1500	1492	1458	1483	1.49	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5241-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:33:01	DataFile Name :	028SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	300	450	364	21.28	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : CCV028 Instrumnet Name : P8
 Client Sample ID : CCV028 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:36:37 DataFile Name : 029CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360406	361332	357512	359750	0.55	cps
Antimony	121-1	4225068	4256273	4269296	4250213	0.53	cps
Arsenic	75-2	58062	57980	57604	57882	0.42	cps
Barium	135-1	4422592	4349102	4459224	4410306	1.27	cps
Barium	137-1	7543859	7456198	7650416	7550157	1.29	cps
Beryllium	9-1	539719	544740	544335	542932	0.51	cps
Bismuth	209-1	5470784	5473332	5492428	5478848	0.22	cps
Bismuth	209-2	1597411	1595706	1594081	1595732	0.10	cps
Boron	11-1	299746	300652	300308	300235	0.15	cps
Boron	10-1	64822	63793	67459	65358	2.89	cps
Cadmium	106-1	89396	91752	90428	90526	1.30	cps
Cadmium	108-1	60954	60908	61720	61194	0.75	cps
Cadmium	111-1	873144	876022	880397	876521	0.42	cps
Calcium	43-1	4092107	4104322	4112375	4102935	0.25	cps
Calcium	44-1	66954006	67044229	67560252	67186162	0.49	cps
Chromium	52-2	471463	467170	465429	468021	0.66	cps
Cobalt	59-2	957756	950079	947771	951869	0.55	cps
Copper	63-2	1598150	1628279	1605263	1610564	0.98	cps
Dysprosium	156-1	125	92	125	114	16.90	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	75	58	83	72	17.62	cps
Erbium	164-2	3	17	17	12	63.01	cps
Gadolinium	160-1	58	75	92	75	22.22	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	9208590	9171331	9163911	9181277	0.26	cps
Holmium	165-2	2183568	2210027	2174614	2189403	0.84	cps
Indium	115-1	7207892	7219736	7252092	7226573	0.32	cps
Indium	115-2	373759	372623	366765	371049	1.01	cps
Iron	56-2	75258335	75306638	75249335	75271436	0.04	cps
Iron	57-2	1907074	1947857	1914599	1923177	1.13	cps
Lead	206-1	2503561	2492897	2523498	2506652	0.62	cps
Lead	207-1	2284841	2305967	2311696	2300835	0.61	cps
Lead	208-1	10149100	10192493	10209336	10183643	0.31	cps
Lithium	6-1	1051993	1043160	1067827	1054327	1.19	cps
Magnesium	24-2	8596230	8609693	8597709	8601211	0.09	cps
Manganese	55-2	264492	265865	265362	265240	0.26	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:36:37	DataFile Name :	029CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2846000	2852904	2880297	2859734	0.63	cps
Molybdenum	94-1	3286401	3274767	3337847	3299672	1.02	cps
Molybdenum	95-1	1750477	1765139	1789383	1768333	1.11	cps
Molybdenum	96-1	2327540	2309160	2325944	2320881	0.44	cps
Molybdenum	97-1	1087720	1083049	1077753	1082841	0.46	cps
Neodymium	150-1	200	140	147	162	20.27	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	272197	271687	271191	271692	0.19	cps
Phosphorus	31-2	5651	5610	4926	5396	7.55	cps
Potassium	39-2	2585342	2585455	2567719	2579505	0.40	cps
Rhodium	103-1	6633105	6614794	6637511	6628470	0.18	cps
Rhodium	103-2	1931135	1951909	1933145	1938730	0.59	cps
Scandium	45-1	4048296	4030475	4053875	4044215	0.30	cps
Scandium	45-2	44925	45012	44761	44899	0.28	cps
Selenium	77-2	453	377	383	404	10.50	cps
Selenium	78-2	1406	1491	1417	1438	3.22	cps
Selenium	82-1	53508	53709	53538	53585	0.20	cps
Silicon	28-1	1837499	1851163	1857839	1848833	0.56	cps
Silver	109-1	4132164	4127611	4097824	4119200	0.45	cps
Silver	107-1	4295985	4322704	4290205	4302965	0.40	cps
Sodium	23-2	20898208	21049874	20978543	20975542	0.36	cps
Strontium	86-1	1123078	1130728	1128102	1127303	0.34	cps
Strontium	88-1	9665371	9706187	9733778	9701779	0.35	cps
Sulfur	34-1	553228	548661	552533	551474	0.45	cps
Terbium	159-1	9430098	9511044	9483235	9474792	0.43	cps
Terbium	159-2	2117708	2111919	2106399	2112008	0.27	cps
Thallium	203-1	3105111	3139184	3094109	3112801	0.75	cps
Thallium	205-1	7222262	7235549	7288030	7248614	0.48	cps
Tin	118-1	2899807	2912872	2910056	2907578	0.24	cps
Titanium	47-1	424766	427762	431599	428042	0.80	cps
Uranium	238-1	9627019	9689423	9776786	9697742	0.78	cps
Vanadium	51-2	355516	354592	352660	354256	0.41	cps
Yttrium	89-1	7635456	7607740	7619428	7620875	0.18	cps
Yttrium	89-2	289003	290627	285668	288433	0.88	cps
Zinc	66-2	148374	148990	147127	148163	0.64	cps
Zirconium	90-1	6161390	6139521	6162021	6154311	0.21	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:36:37	DataFile Name :	029CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1377095	1373269	1386501	1378955	0.49	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : CCB028 Instrumnet Name : P8
 Client Sample ID : CCB028 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:41:00 DataFile Name : 030CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	8	19	65.47	cps
Antimony	121-1	1350	1450	1375	1392	3.74	cps
Arsenic	75-2	7	9	6	7	24.97	cps
Barium	135-1	25	33	17	25	33.32	cps
Barium	137-1	58	17	92	56	67.63	cps
Beryllium	9-1	233	178	228	213	14.37	cps
Bismuth	209-1	5762488	5659201	5645522	5689070	1.12	cps
Bismuth	209-2	1807590	1775610	1713556	1765585	2.71	cps
Boron	11-1	6110	6485	5676	6090	6.64	cps
Boron	10-1	1408	1375	1208	1331	8.05	cps
Cadmium	106-1	1408	1500	1392	1433	4.07	cps
Cadmium	108-1	4	25	13	14	75.48	cps
Cadmium	111-1	1016	1049	1011	1026	2.01	cps
Calcium	43-1	1400	1258	1158	1272	9.55	cps
Calcium	44-1	23729	23362	23621	23571	0.80	cps
Chromium	52-2	767	877	800	814	6.93	cps
Cobalt	59-2	70	53	57	60	14.70	cps
Copper	63-2	377	390	357	374	4.48	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	9230896	9135424	9300109	9222143	0.90	cps
Holmium	165-2	2243693	2250298	2232313	2242101	0.41	cps
Indium	115-1	7642466	7558003	7610108	7603526	0.56	cps
Indium	115-2	404574	402810	401838	403074	0.34	cps
Iron	56-2	3284	3006	2911	3067	6.31	cps
Iron	57-2	56	117	78	83	37.12	cps
Lead	206-1	656	556	550	587	10.12	cps
Lead	207-1	522	494	517	511	2.88	cps
Lead	208-1	2367	2278	2295	2313	2.04	cps
Lithium	6-1	1093080	1082940	1100881	1092300	0.82	cps
Magnesium	24-2	383	317	325	342	10.63	cps
Manganese	55-2	67	97	50	71	33.26	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P8
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:41:00	DataFile Name :	030CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	392	317	242	317	23.68	cps
Molybdenum	94-1	458	400	450	436	7.23	cps
Molybdenum	95-1	250	233	158	214	22.83	cps
Molybdenum	96-1	258	258	317	278	12.12	cps
Molybdenum	97-1	125	158	208	164	25.59	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	193	163	188	11.82	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	3834	3834	3776	3815	0.88	cps
Rhodium	103-1	7109882	7118162	7185875	7137973	0.58	cps
Rhodium	103-2	2162788	2123142	2138458	2141463	0.93	cps
Scandium	45-1	4105590	4085900	4182692	4124728	1.24	cps
Scandium	45-2	46872	46008	46708	46529	0.99	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	94	36	22	51	75.08	cps
Silicon	28-1	311721	304026	305732	307160	1.32	cps
Silver	109-1	458	408	500	456	10.08	cps
Silver	107-1	567	550	458	525	11.11	cps
Sodium	23-2	9745	8887	9654	9429	5.00	cps
Strontium	86-1	875	875	808	853	4.51	cps
Strontium	88-1	208	142	183	178	18.94	cps
Sulfur	34-1	303373	301025	298950	301116	0.73	cps
Terbium	159-1	9482469	9433969	9580366	9498935	0.79	cps
Terbium	159-2	2193598	2191650	2188724	2191324	0.11	cps
Thallium	203-1	408	333	342	361	11.38	cps
Thallium	205-1	633	825	725	728	13.17	cps
Tin	118-1	1092	917	1083	1031	9.58	cps
Titanium	47-1	100	117	83	100	16.66	cps
Uranium	238-1	167	100	50	106	55.46	cps
Vanadium	51-2	20	10	17	16	32.73	cps
Yttrium	89-1	7861679	7694150	7849090	7801639	1.20	cps
Yttrium	89-2	304367	303085	300912	302788	0.58	cps
Zinc	66-2	60	80	57	66	19.25	cps
Zirconium	90-1	817	742	817	792	5.47	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P8
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:41:00	DataFile Name :	030CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	150	142	142	5.88	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : PB102336BL Instrumnet Name : P8
 Client Sample ID : PB102336BL Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 15:48:45 DataFile Name : 031CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	42	19	99.00	cps
Antimony	121-1	450	342	442	411	14.66	cps
Arsenic	75-2	0	6	7	4	89.21	cps
Barium	135-1	33	50	8	31	68.64	cps
Barium	137-1	33	42	58	44	28.64	cps
Beryllium	9-1	156	89	133	126	26.96	cps
Bismuth	209-1	5579406	5649884	5527181	5585490	1.10	cps
Bismuth	209-2	1754328	1767180	1749739	1757082	0.51	cps
Boron	11-1	3284	3167	3209	3220	1.84	cps
Boron	10-1	792	733	625	717	11.80	cps
Cadmium	106-1	1375	1575	1308	1420	9.78	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Cadmium	111-1	968	1113	918	1000	10.14	cps
Calcium	43-1	1342	1342	1167	1283	7.87	cps
Calcium	44-1	24030	24005	23354	23796	1.61	cps
Chromium	52-2	787	857	897	847	6.58	cps
Cobalt	59-2	37	33	67	46	40.30	cps
Copper	63-2	337	363	320	340	6.43	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	33	8	42	28	62.46	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	58	42	25	42	40.00	cps
Gadolinium	160-2	13	3	13	10	57.75	cps
Holmium	165-1	9052323	9100369	8941422	9031372	0.90	cps
Holmium	165-2	2253508	2245889	2244667	2248021	0.21	cps
Indium	115-1	7574276	7566878	7614465	7585206	0.34	cps
Indium	115-2	409604	406928	404916	407150	0.58	cps
Iron	56-2	2606	2473	2695	2591	4.32	cps
Iron	57-2	67	78	50	65	21.57	cps
Lead	206-1	628	550	556	578	7.51	cps
Lead	207-1	350	478	467	432	16.40	cps
Lead	208-1	1939	2245	2139	2108	7.36	cps
Lithium	6-1	1094248	1124208	1103587	1107347	1.38	cps
Magnesium	24-2	342	350	383	358	6.15	cps
Manganese	55-2	83	83	80	82	2.34	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BL	Instrumnet Name :	P8
Client Sample ID :	PB102336BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:48:45	DataFile Name :	031CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	125	117	50	97	42.29	cps
Molybdenum	94-1	333	458	375	389	16.37	cps
Molybdenum	95-1	42	67	75	61	28.38	cps
Molybdenum	96-1	158	150	117	142	15.56	cps
Molybdenum	97-1	33	83	117	78	53.93	cps
Neodymium	150-1	13	0	33	16	107.86	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	230	267	203	233	13.63	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	3759	3834	3576	3723	3.57	cps
Rhodium	103-1	7061605	7091769	7034691	7062689	0.40	cps
Rhodium	103-2	2156504	2127961	2119707	2134724	0.90	cps
Scandium	45-1	4096615	4121466	4099064	4105715	0.33	cps
Scandium	45-2	47216	46691	46039	46648	1.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-71	-24	29	-22	-227.00	cps
Silicon	28-1	307043	313957	307760	309586	1.23	cps
Silver	109-1	275	317	250	281	12.01	cps
Silver	107-1	375	283	208	289	28.90	cps
Sodium	23-2	8536	8395	7861	8264	4.31	cps
Strontium	86-1	925	925	858	903	4.26	cps
Strontium	88-1	133	100	192	142	32.75	cps
Sulfur	34-1	314814	317484	314887	315728	0.48	cps
Terbium	159-1	9379016	9578004	9268510	9408510	1.67	cps
Terbium	159-2	2178764	2186845	2180652	2182087	0.19	cps
Thallium	203-1	233	158	192	194	19.33	cps
Thallium	205-1	542	342	425	436	23.04	cps
Tin	118-1	708	658	775	714	8.20	cps
Titanium	47-1	125	150	142	139	9.16	cps
Uranium	238-1	100	25	58	61	61.49	cps
Vanadium	51-2	7	10	20	12	56.76	cps
Yttrium	89-1	7868302	7841389	7703310	7804334	1.13	cps
Yttrium	89-2	305164	305386	301548	304033	0.71	cps
Zinc	66-2	33	30	30	31	6.18	cps
Zirconium	90-1	917	958	900	925	3.25	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BL	Instrumnet Name :	P8
Client Sample ID :	PB102336BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:48:45	DataFile Name :	031CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	150	208	200	23.20	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BS	Instrumnet Name :	P8
Client Sample ID :	PB102336BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:51:53	DataFile Name :	032LCS6_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71991	70450	75099	72513	3.27	cps
Antimony	121-1	4414567	4452013	4494065	4453548	0.89	cps
Arsenic	75-2	59518	59137	59721	59459	0.50	cps
Barium	135-1	4518962	4506961	4589740	4538555	0.99	cps
Barium	137-1	7787847	7795938	7846656	7810147	0.41	cps
Beryllium	9-1	572066	563047	572922	569345	0.96	cps
Bismuth	209-1	5766021	5740157	5899143	5801774	1.47	cps
Bismuth	209-2	1480857	1634752	1698302	1604637	6.97	cps
Boron	11-1	301925	307089	312157	307057	1.67	cps
Boron	10-1	64898	66145	67468	66170	1.94	cps
Cadmium	106-1	97300	95143	98341	96928	1.68	cps
Cadmium	108-1	65412	65487	65387	65429	0.08	cps
Cadmium	111-1	935170	937499	939723	937464	0.24	cps
Calcium	43-1	862785	863829	871451	866022	0.55	cps
Calcium	44-1	14183906	14254971	14247974	14228950	0.28	cps
Chromium	52-2	494028	485121	493473	490874	1.02	cps
Cobalt	59-2	994885	984953	1003446	994428	0.93	cps
Copper	63-2	1707701	1706420	1753482	1722534	1.56	cps
Dysprosium	156-1	75	58	92	75	22.22	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	50	67	17	44	57.28	cps
Erbium	164-2	0	13	20	11	91.66	cps
Gadolinium	160-1	108	125	92	108	15.39	cps
Gadolinium	160-2	13	7	27	16	65.47	cps
Holmium	165-1	9343448	9436838	9553686	9444657	1.12	cps
Holmium	165-2	1928284	2173799	2253621	2118568	8.00	cps
Indium	115-1	7595932	7658534	7677004	7643823	0.56	cps
Indium	115-2	332422	375737	391711	366623	8.37	cps
Iron	56-2	16125402	16083387	16381708	16196832	1.00	cps
Iron	57-2	401819	400372	409506	403899	1.22	cps
Lead	206-1	2600981	2609866	2657347	2622731	1.16	cps
Lead	207-1	2431219	2373332	2419301	2407951	1.27	cps
Lead	208-1	10589505	10550678	10689712	10609965	0.68	cps
Lithium	6-1	1115766	1145109	1117729	1126201	1.46	cps
Magnesium	24-2	1861329	1828010	1891170	1860170	1.70	cps
Manganese	55-2	274097	271134	277131	274121	1.09	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BS	Instrumnet Name :	P8
Client Sample ID :	PB102336BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:51:53	DataFile Name :	032LCS6_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2941319	2907208	3019690	2956072	1.95	cps
Molybdenum	94-1	3374701	3398761	3391199	3388220	0.36	cps
Molybdenum	95-1	1808112	1850025	1848931	1835690	1.30	cps
Molybdenum	96-1	2385566	2400509	2392196	2392757	0.31	cps
Molybdenum	97-1	1105596	1110093	1122564	1112751	0.79	cps
Neodymium	150-1	200	180	120	167	24.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	291322	289383	294347	291684	0.86	cps
Phosphorus	31-2	5618	5410	5743	5590	3.01	cps
Potassium	39-2	538612	531433	543661	537902	1.14	cps
Rhodium	103-1	7013100	7004882	7147857	7055280	1.14	cps
Rhodium	103-2	1757166	1987796	2074779	1939914	8.46	cps
Scandium	45-1	4164624	4184817	4226004	4191815	0.75	cps
Scandium	45-2	39878	45146	46025	43683	7.61	cps
Selenium	77-2	430	383	360	391	9.11	cps
Selenium	78-2	1495	1365	1480	1446	4.91	cps
Selenium	82-1	56396	56507	57143	56682	0.71	cps
Silicon	28-1	1864978	1875260	1907642	1882627	1.18	cps
Silver	109-1	4373239	4401232	4406861	4393778	0.41	cps
Silver	107-1	4626927	4533377	4710511	4623605	1.92	cps
Sodium	23-2	4382089	4301931	4449915	4377978	1.69	cps
Strontium	86-1	1131478	1138888	1142387	1137584	0.49	cps
Strontium	88-1	9803106	9823034	9813655	9813265	0.10	cps
Sulfur	34-1	566199	565557	560960	564239	0.51	cps
Terbium	159-1	9771086	9755623	9825787	9784166	0.38	cps
Terbium	159-2	1833417	2121263	2172882	2042521	8.96	cps
Thallium	203-1	3191481	3240067	3261789	3231112	1.11	cps
Thallium	205-1	7605657	7532689	7660800	7599715	0.85	cps
Tin	118-1	3034401	3010916	3058899	3034739	0.79	cps
Titanium	47-1	444868	445868	451038	447258	0.74	cps
Uranium	238-1	9696469	9800058	9941344	9812624	1.25	cps
Vanadium	51-2	361932	359976	364053	361987	0.56	cps
Yttrium	89-1	7886759	7830632	8025279	7914223	1.27	cps
Yttrium	89-2	255326	288145	298271	280580	8.00	cps
Zinc	66-2	155154	153261	157233	155216	1.28	cps
Zirconium	90-1	6313269	6320568	6296776	6310204	0.19	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102336BS	Instrumnet Name :	P8
Client Sample ID :	PB102336BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 15:51:53	DataFile Name :	032LCS6_P8091517- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1416559	1429377	1417669	1421202	0.50	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102362BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:01:51	DataFile Name :	033CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	600	758	567	642	15.96	cps
Arsenic	75-2	2	7	4	4	65.54	cps
Barium	135-1	33	50	0	28	91.65	cps
Barium	137-1	42	108	33	61	67.27	cps
Beryllium	9-1	117	144	139	133	11.02	cps
Bismuth	209-1	5788091	5726751	5359661	5624835	4.12	cps
Bismuth	209-2	1749100	1798210	1784223	1777178	1.42	cps
Boron	11-1	3884	3384	3509	3592	7.25	cps
Boron	10-1	950	833	767	850	10.92	cps
Cadmium	106-1	1542	1534	1333	1470	8.03	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Cadmium	111-1	1101	1090	930	1040	9.20	cps
Calcium	43-1	1392	1317	1458	1389	5.10	cps
Calcium	44-1	23187	22836	23278	23100	1.01	cps
Chromium	52-2	713	827	717	752	8.57	cps
Cobalt	59-2	43	53	40	46	15.23	cps
Copper	63-2	283	320	240	281	14.25	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	67	25	33	42	52.92	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	9217229	9152359	8711790	9027126	3.05	cps
Holmium	165-2	2227337	2265484	2248112	2246978	0.85	cps
Indium	115-1	7700798	7765099	7247430	7571109	3.73	cps
Indium	115-2	406521	406507	408199	407076	0.24	cps
Iron	56-2	2350	2828	2411	2530	10.28	cps
Iron	57-2	67	67	100	78	24.74	cps
Lead	206-1	606	583	539	576	5.89	cps
Lead	207-1	556	561	600	572	4.23	cps
Lead	208-1	2500	2283	2245	2343	5.88	cps
Lithium	6-1	1128654	1134138	1062989	1108593	3.57	cps
Magnesium	24-2	375	467	417	419	10.94	cps
Manganese	55-2	50	93	50	64	38.83	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102362BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:01:51	DataFile Name :	033CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	125	92	183	133	34.80	cps
Molybdenum	94-1	358	192	242	264	32.41	cps
Molybdenum	95-1	92	100	175	122	37.55	cps
Molybdenum	96-1	183	158	75	139	40.84	cps
Molybdenum	97-1	142	33	50	75	77.78	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	180	220	183	194	11.42	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3909	3676	3834	3806	3.13	cps
Rhodium	103-1	7224891	7227933	6846147	7099657	3.09	cps
Rhodium	103-2	2146210	2124662	2166029	2145634	0.96	cps
Scandium	45-1	4172626	4239636	3973471	4128578	3.35	cps
Scandium	45-2	46122	46340	47145	46536	1.16	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	2	0	4	132.32	cps
Selenium	82-1	-12	-121	-105	-79	-73.77	cps
Silicon	28-1	304227	302933	297706	301622	1.14	cps
Silver	109-1	358	267	242	289	21.26	cps
Silver	107-1	317	258	242	272	14.47	cps
Sodium	23-2	7827	7953	8003	7928	1.14	cps
Strontium	86-1	750	658	775	728	8.44	cps
Strontium	88-1	150	142	117	136	12.75	cps
Sulfur	34-1	305015	306496	303180	304897	0.54	cps
Terbium	159-1	9601046	9596442	9005625	9401038	3.64	cps
Terbium	159-2	2174906	2153019	2188346	2172090	0.82	cps
Thallium	203-1	142	175	250	189	29.38	cps
Thallium	205-1	575	617	617	603	3.99	cps
Tin	118-1	608	642	650	633	3.48	cps
Titanium	47-1	75	142	108	108	30.77	cps
Uranium	238-1	50	58	58	56	8.67	cps
Vanadium	51-2	3	13	27	14	81.07	cps
Yttrium	89-1	7928641	7986111	7505371	7806708	3.36	cps
Yttrium	89-2	302875	302112	307386	304124	0.94	cps
Zinc	66-2	57	50	67	58	14.52	cps
Zirconium	90-1	492	583	600	558	10.45	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102362BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:01:51	DataFile Name :	033CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	142	133	119	26.41	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102362BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:04:58	DataFile Name :	034LCSE_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	325	367	314	18.84	cps
Antimony	121-1	33393	32925	33209	33176	0.71	cps
Arsenic	75-2	265	270	267	267	1.06	cps
Barium	135-1	33009	33460	33209	33226	0.68	cps
Barium	137-1	55409	57175	57024	56536	1.73	cps
Beryllium	9-1	2289	2434	2523	2415	4.88	cps
Bismuth	209-1	5606277	5599556	5570966	5592266	0.34	cps
Bismuth	209-2	1751209	1741744	1764183	1752379	0.64	cps
Boron	11-1	30383	31344	30283	30670	1.91	cps
Boron	10-1	6668	6210	6694	6524	4.17	cps
Cadmium	106-1	1917	1659	1675	1750	8.26	cps
Cadmium	108-1	225	242	300	256	15.41	cps
Cadmium	111-1	4685	4334	4463	4494	3.95	cps
Calcium	43-1	18480	17053	17362	17631	4.26	cps
Calcium	44-1	295376	289812	290720	291969	1.02	cps
Chromium	52-2	4854	4588	4861	4768	3.27	cps
Cobalt	59-2	4191	4084	4047	4107	1.81	cps
Copper	63-2	7619	7252	7752	7541	3.44	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	92	67	67	75	19.24	cps
Erbium	164-2	10	27	10	16	61.87	cps
Gadolinium	160-1	67	42	67	58	24.74	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	9151019	9125556	8983244	9086606	1.00	cps
Holmium	165-2	2256672	2256166	2241080	2251306	0.39	cps
Indium	115-1	7674192	7585096	7693361	7650883	0.76	cps
Indium	115-2	410362	408073	405401	407945	0.61	cps
Iron	56-2	251427	252456	253899	252594	0.49	cps
Iron	57-2	6374	6479	6274	6376	1.61	cps
Lead	206-1	12012	11100	11105	11405	4.60	cps
Lead	207-1	10054	10143	10115	10104	0.45	cps
Lead	208-1	46924	44960	45578	45821	2.19	cps
Lithium	6-1	1127986	1091884	1104298	1108056	1.66	cps
Magnesium	24-2	36172	34777	35278	35409	2.00	cps
Manganese	55-2	730	650	717	699	6.13	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102362BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:04:58	DataFile Name :	034LCSE_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	53875	52369	53473	53239	1.46	cps
Molybdenum	94-1	26811	28890	28364	28022	3.86	cps
Molybdenum	95-1	34286	33735	32732	33584	2.35	cps
Molybdenum	96-1	38197	37745	37068	37670	1.51	cps
Molybdenum	97-1	21242	21000	20583	20942	1.59	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1313	1390	1480	1395	5.98	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	24639	24773	24739	24717	0.28	cps
Rhodium	103-1	7253420	7154315	7033327	7147021	1.54	cps
Rhodium	103-2	2177797	2133076	2142635	2151170	1.09	cps
Scandium	45-1	4185550	4157364	4215954	4186290	0.70	cps
Scandium	45-2	47493	46564	47343	47133	1.06	cps
Selenium	77-2	7	13	13	11	34.61	cps
Selenium	78-2	22	35	28	28	22.91	cps
Selenium	82-1	1035	1087	1126	1082	4.21	cps
Silicon	28-1	371218	373166	370672	371685	0.35	cps
Silver	109-1	17854	16953	16786	17198	3.34	cps
Silver	107-1	18722	18922	18363	18669	1.52	cps
Sodium	23-2	92317	90218	92702	91746	1.46	cps
Strontium	86-1	5335	5535	5510	5460	2.00	cps
Strontium	88-1	39993	39325	39141	39486	1.14	cps
Sulfur	34-1	308004	309945	307126	308358	0.47	cps
Terbium	159-1	9512860	9489282	9383741	9461961	0.73	cps
Terbium	159-2	2184428	2212738	2190515	2195893	0.68	cps
Thallium	203-1	11948	12974	12298	12407	4.20	cps
Thallium	205-1	28575	28759	29184	28839	1.08	cps
Tin	118-1	55458	55725	56662	55949	1.13	cps
Titanium	47-1	7936	8386	8228	8183	2.79	cps
Uranium	238-1	34657	35577	37282	35839	3.72	cps
Vanadium	51-2	7272	7025	7395	7231	2.61	cps
Yttrium	89-1	7926966	7860141	7807638	7864915	0.76	cps
Yttrium	89-2	306453	306024	307259	306578	0.20	cps
Zinc	66-2	693	687	723	701	2.79	cps
Zirconium	90-1	23955	24189	23388	23844	1.73	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102362BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:04:58	DataFile Name :	034LCSE_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5593	5009	5326	5310	5.50	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102363BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:08:06	DataFile Name :	035CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	8	25	57.74	cps
Antimony	121-1	342	358	333	344	3.70	cps
Arsenic	75-2	4	7	2	4	65.54	cps
Barium	135-1	75	33	50	53	39.74	cps
Barium	137-1	58	42	42	47	20.38	cps
Beryllium	9-1	172	122	206	167	25.16	cps
Bismuth	209-1	5489737	5570397	5518623	5526253	0.74	cps
Bismuth	209-2	1766874	1798358	1774211	1779814	0.93	cps
Boron	11-1	3617	3642	3417	3559	3.47	cps
Boron	10-1	775	883	733	797	9.71	cps
Cadmium	106-1	1242	1358	1492	1364	9.17	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Cadmium	111-1	865	965	1055	961	9.91	cps
Calcium	43-1	1275	1483	1333	1364	7.88	cps
Calcium	44-1	23571	23178	23195	23315	0.95	cps
Chromium	52-2	773	700	770	748	5.54	cps
Cobalt	59-2	77	77	70	74	5.17	cps
Copper	63-2	310	330	287	309	7.02	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	58	58	50	56	8.67	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	50	58	58	56	8.67	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	8800661	8953306	8993046	8915671	1.14	cps
Holmium	165-2	2242570	2258705	2253691	2251655	0.37	cps
Indium	115-1	7507148	7612654	7599662	7573155	0.76	cps
Indium	115-2	406240	412467	408147	408951	0.78	cps
Iron	56-2	2417	2489	2523	2476	2.18	cps
Iron	57-2	100	61	67	76	27.70	cps
Lead	206-1	628	650	656	644	2.28	cps
Lead	207-1	511	550	633	565	11.06	cps
Lead	208-1	2528	2372	2539	2480	3.76	cps
Lithium	6-1	1075488	1087124	1088582	1083731	0.66	cps
Magnesium	24-2	342	300	358	333	9.01	cps
Manganese	55-2	73	80	83	79	6.46	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102363BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:08:06	DataFile Name :	035CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	50	125	50	75	57.74	cps
Molybdenum	94-1	225	292	267	261	12.90	cps
Molybdenum	95-1	67	17	67	50	57.73	cps
Molybdenum	96-1	100	142	150	131	20.52	cps
Molybdenum	97-1	50	8	83	47	79.58	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173	207	233	204	14.70	cps
Phosphorus	31-2	17	33	17	22	43.30	cps
Potassium	39-2	3442	3426	3709	3526	4.51	cps
Rhodium	103-1	6912557	7140764	7025921	7026414	1.62	cps
Rhodium	103-2	2152634	2150895	2145185	2149571	0.18	cps
Scandium	45-1	4102698	4130116	4132684	4121833	0.40	cps
Scandium	45-2	46664	47290	46223	46725	1.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-92	1	-111	-67	-88.99	cps
Silicon	28-1	297758	301700	304813	301423	1.17	cps
Silver	109-1	183	342	300	275	29.85	cps
Silver	107-1	350	225	358	311	24.01	cps
Sodium	23-2	7369	7944	8186	7833	5.36	cps
Strontium	86-1	758	933	933	875	11.55	cps
Strontium	88-1	142	233	167	181	26.25	cps
Sulfur	34-1	311488	309314	310178	310327	0.35	cps
Terbium	159-1	9166654	9409035	9422968	9332886	1.54	cps
Terbium	159-2	2180339	2185233	2197383	2187651	0.40	cps
Thallium	203-1	167	142	192	167	15.00	cps
Thallium	205-1	450	525	450	475	9.12	cps
Tin	118-1	692	675	583	650	8.98	cps
Titanium	47-1	117	150	117	128	15.06	cps
Uranium	238-1	50	42	33	42	20.00	cps
Vanadium	51-2	23	3	17	14	70.51	cps
Yttrium	89-1	7721258	7738060	7839841	7766386	0.83	cps
Yttrium	89-2	304587	310483	306339	307136	0.99	cps
Zinc	66-2	60	47	50	52	13.28	cps
Zirconium	90-1	483	467	508	486	4.32	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102363BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:08:06	DataFile Name :	035CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	142	133	125	17.64	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : PB102363BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:11:15 DataFile Name : 036LCSE_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	242	275	256	6.79	cps
Antimony	121-1	31931	32382	33418	32577	2.34	cps
Arsenic	75-2	239	313	280	277	13.39	cps
Barium	135-1	33059	31906	32666	32544	1.80	cps
Barium	137-1	56940	55718	55132	55930	1.65	cps
Beryllium	9-1	2117	2206	2300	2208	4.15	cps
Bismuth	209-1	5562716	5547627	5480990	5530444	0.79	cps
Bismuth	209-2	1721192	1697492	1748133	1722272	1.47	cps
Boron	11-1	29598	29749	30500	29949	1.61	cps
Boron	10-1	6485	7302	6510	6766	6.87	cps
Cadmium	106-1	1950	1625	1600	1725	11.32	cps
Cadmium	108-1	254	213	258	242	10.49	cps
Cadmium	111-1	4188	4339	4286	4271	1.80	cps
Calcium	43-1	17587	17170	17044	17267	1.64	cps
Calcium	44-1	284590	282517	285704	284270	0.57	cps
Chromium	52-2	4531	4591	4644	4589	1.24	cps
Cobalt	59-2	3994	3871	4174	4013	3.80	cps
Copper	63-2	7272	7562	7185	7340	2.69	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	125	58	50	78	52.85	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	50	50	58	53	9.12	cps
Gadolinium	160-2	10	10	20	13	43.30	cps
Holmium	165-1	9025277	8883053	9006027	8971452	0.86	cps
Holmium	165-2	2230024	2193561	2238956	2220847	1.08	cps
Indium	115-1	7595600	7599122	7546861	7580528	0.39	cps
Indium	115-2	403135	403973	403287	403465	0.11	cps
Iron	56-2	249459	247582	245593	247545	0.78	cps
Iron	57-2	6296	6074	6341	6237	2.29	cps
Lead	206-1	10961	11328	10794	11027	2.48	cps
Lead	207-1	10049	10060	10221	10110	0.95	cps
Lead	208-1	44982	45361	44008	44784	1.56	cps
Lithium	6-1	1105899	1089382	1106603	1100628	0.89	cps
Magnesium	24-2	34284	33298	34384	33989	1.77	cps
Manganese	55-2	737	723	670	710	4.97	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : PB102363BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:11:15 DataFile Name : 036LCSE_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	51775	53582	53064	52807	1.76	cps
Molybdenum	94-1	27253	27170	27137	27187	0.22	cps
Molybdenum	95-1	32507	32949	32197	32551	1.16	cps
Molybdenum	96-1	36024	37779	36467	36756	2.48	cps
Molybdenum	97-1	20316	20458	20383	20385	0.35	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1410	1377	1400	1396	1.23	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	24614	24397	24071	24361	1.12	cps
Rhodium	103-1	7085759	7082239	7107674	7091891	0.19	cps
Rhodium	103-2	2110586	2104980	2165367	2126978	1.57	cps
Scandium	45-1	4161664	4140746	4125015	4142475	0.44	cps
Scandium	45-2	45999	46671	46758	46476	0.89	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	37	39	26	34	20.65	cps
Selenium	82-1	1070	1019	1018	1036	2.88	cps
Silicon	28-1	373737	377091	371362	374063	0.77	cps
Silver	109-1	15752	16452	16694	16299	3.00	cps
Silver	107-1	17545	17362	17963	17623	1.75	cps
Sodium	23-2	89758	90018	90580	90119	0.47	cps
Strontium	86-1	5034	5243	5368	5215	3.23	cps
Strontium	88-1	38823	37545	37720	38029	1.82	cps
Sulfur	34-1	312244	310885	312050	311726	0.24	cps
Terbium	159-1	9444905	9289485	9340085	9358158	0.85	cps
Terbium	159-2	2163354	2170470	2139011	2157612	0.76	cps
Thallium	203-1	11673	11080	12015	11589	4.08	cps
Thallium	205-1	27347	27314	27431	27364	0.22	cps
Tin	118-1	54203	56077	55691	55324	1.79	cps
Titanium	47-1	8420	8270	8295	8328	0.97	cps
Uranium	238-1	34800	35368	33914	34694	2.11	cps
Vanadium	51-2	6882	6925	6638	6815	2.27	cps
Yttrium	89-1	7818298	7726009	7768009	7770772	0.59	cps
Yttrium	89-2	303714	305020	304729	304488	0.23	cps
Zinc	66-2	697	693	723	704	2.33	cps
Zirconium	90-1	24256	23496	22995	23582	2.69	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102363BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:11:15	DataFile Name :	036LCSE_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5093	4976	5151	5073	1.76	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:17:19	DataFile Name :	037CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380599	377669	380196	379488	0.42	cps
Antimony	121-1	4360596	4402011	4383055	4381887	0.47	cps
Arsenic	75-2	59832	59522	59486	59613	0.32	cps
Barium	135-1	4524343	4550983	4493177	4522834	0.64	cps
Barium	137-1	7785899	7799302	7789285	7791495	0.09	cps
Beryllium	9-1	581548	579780	572480	577936	0.83	cps
Bismuth	209-1	5583803	5676376	5617478	5625886	0.83	cps
Bismuth	209-2	1628701	1632376	1629173	1630084	0.12	cps
Boron	11-1	313813	324951	324612	321125	1.97	cps
Boron	10-1	67811	70616	69661	69362	2.06	cps
Cadmium	106-1	92836	96310	94968	94704	1.85	cps
Cadmium	108-1	63662	63968	64608	64079	0.75	cps
Cadmium	111-1	908228	915120	909316	910888	0.41	cps
Calcium	43-1	4319640	4335806	4262710	4306052	0.89	cps
Calcium	44-1	70199597	70064387	70146604	70136863	0.10	cps
Chromium	52-2	487429	484224	487008	486220	0.36	cps
Cobalt	59-2	992272	980580	988448	987100	0.60	cps
Copper	63-2	1675273	1647460	1671834	1664856	0.91	cps
Dysprosium	156-1	108	92	67	89	23.59	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	42	33	92	56	56.79	cps
Erbium	164-2	0	10	13	8	89.21	cps
Gadolinium	160-1	33	100	33	56	69.29	cps
Gadolinium	160-2	20	33	23	26	27.15	cps
Holmium	165-1	9344754	9603427	9236434	9394872	2.01	cps
Holmium	165-2	2252464	2270906	2260594	2261321	0.41	cps
Indium	115-1	7366507	7577333	7392174	7445338	1.54	cps
Indium	115-2	382653	379250	379687	380530	0.49	cps
Iron	56-2	78363432	77776310	78608893	78249545	0.55	cps
Iron	57-2	1988703	1972578	1997490	1986257	0.64	cps
Lead	206-1	2590574	2595994	2605745	2597438	0.30	cps
Lead	207-1	2407678	2398803	2373804	2393429	0.73	cps
Lead	208-1	10545124	10516433	10521876	10527811	0.14	cps
Lithium	6-1	1104483	1147049	1102895	1118143	2.24	cps
Magnesium	24-2	9076461	9018281	9030352	9041698	0.34	cps
Manganese	55-2	277745	275484	276067	276432	0.42	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:17:19	DataFile Name :	037CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2990222	2939558	2909765	2946515	1.38	cps
Molybdenum	94-1	3402890	3408566	3468445	3426634	1.06	cps
Molybdenum	95-1	1830163	1822881	1826609	1826551	0.20	cps
Molybdenum	96-1	2378632	2366408	2395269	2380103	0.61	cps
Molybdenum	97-1	1119038	1118151	1120546	1119245	0.11	cps
Neodymium	150-1	200	213	180	198	8.48	cps
Neodymium	150-2	7	13	20	13	49.99	cps
Nickel	60-2	282674	280781	280547	281334	0.41	cps
Phosphorus	31-2	5668	5843	5693	5735	1.65	cps
Potassium	39-2	2685199	2680871	2698529	2688200	0.34	cps
Rhodium	103-1	6682309	6891643	6676695	6750215	1.81	cps
Rhodium	103-2	2002735	1976625	1993826	1991062	0.67	cps
Scandium	45-1	4152152	4261211	4184501	4199288	1.33	cps
Scandium	45-2	45932	46029	46082	46014	0.17	cps
Selenium	77-2	547	407	480	478	14.66	cps
Selenium	78-2	1509	1432	1320	1420	6.68	cps
Selenium	82-1	56525	56210	56149	56295	0.36	cps
Silicon	28-1	1942750	1961535	1936484	1946923	0.67	cps
Silver	109-1	4226860	4292529	4229153	4249514	0.88	cps
Silver	107-1	4474355	4521460	4479213	4491676	0.58	cps
Sodium	23-2	22000860	21826914	21775771	21867848	0.54	cps
Strontium	86-1	1152209	1178205	1156584	1162333	1.20	cps
Strontium	88-1	10016287	10108240	10086379	10070302	0.48	cps
Sulfur	34-1	582528	581200	578358	580696	0.37	cps
Terbium	159-1	9708206	9906876	9778085	9797722	1.03	cps
Terbium	159-2	2176335	2180561	2143320	2166739	0.94	cps
Thallium	203-1	3205853	3226001	3166166	3199340	0.95	cps
Thallium	205-1	7550831	7535210	7488429	7524824	0.43	cps
Tin	118-1	3019342	3007781	3002011	3009711	0.29	cps
Titanium	47-1	446787	448464	444839	446697	0.41	cps
Uranium	238-1	9951454	9990448	9961140	9967680	0.20	cps
Vanadium	51-2	368265	367589	366971	367608	0.18	cps
Yttrium	89-1	7796891	7970367	7768382	7845213	1.39	cps
Yttrium	89-2	296929	298125	296865	297306	0.24	cps
Zinc	66-2	152895	152518	151659	152357	0.42	cps
Zirconium	90-1	6333024	6368382	6324414	6341940	0.37	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:17:19	DataFile Name :	037CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1415301	1450482	1443878	1436554	1.30	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : CCB029 Instrumnet Name : P8
 Client Sample ID : CCB029 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:20:18 DataFile Name : 038CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	42	36	13.33	cps
Antimony	121-1	2567	2292	1875	2245	15.52	cps
Arsenic	75-2	7	6	9	7	24.97	cps
Barium	135-1	17	25	50	31	56.77	cps
Barium	137-1	67	67	58	64	7.53	cps
Beryllium	9-1	328	189	322	280	28.12	cps
Bismuth	209-1	5905947	5749948	5781703	5812532	1.42	cps
Bismuth	209-2	1829401	1782166	1790576	1800714	1.40	cps
Boron	11-1	8753	7844	7752	8117	6.81	cps
Boron	10-1	2125	1817	1659	1867	12.71	cps
Cadmium	106-1	1300	1617	1325	1414	12.45	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Cadmium	111-1	925	1184	983	1031	13.20	cps
Calcium	43-1	1425	1275	1200	1300	8.81	cps
Calcium	44-1	24731	24514	24005	24417	1.53	cps
Chromium	52-2	747	717	843	769	8.61	cps
Cobalt	59-2	37	63	73	58	32.80	cps
Copper	63-2	393	297	310	333	15.72	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	58	8	44	70.99	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	58	42	75	58	28.57	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	9337677	9242138	9316788	9298868	0.54	cps
Holmium	165-2	2251059	2242539	2260301	2251300	0.39	cps
Indium	115-1	7686866	7602917	7624640	7638141	0.57	cps
Indium	115-2	409979	408291	405636	407969	0.54	cps
Iron	56-2	3306	3128	3095	3176	3.57	cps
Iron	57-2	128	83	83	98	26.14	cps
Lead	206-1	722	750	650	707	7.30	cps
Lead	207-1	628	783	667	693	11.69	cps
Lead	208-1	3028	3256	2811	3032	7.33	cps
Lithium	6-1	1145285	1137346	1127289	1136640	0.79	cps
Magnesium	24-2	317	267	342	308	12.39	cps
Manganese	55-2	77	67	73	72	7.05	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:20:18	DataFile Name :	038CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	675	533	517	575	15.13	cps
Molybdenum	94-1	658	508	592	586	12.82	cps
Molybdenum	95-1	383	333	308	342	11.18	cps
Molybdenum	96-1	650	483	408	514	24.07	cps
Molybdenum	97-1	233	225	300	253	16.26	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	163	160	151	12.15	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3992	3867	3892	3917	1.69	cps
Rhodium	103-1	7210320	7114746	7139139	7154735	0.69	cps
Rhodium	103-2	2173346	2181128	2136560	2163678	1.10	cps
Scandium	45-1	4174844	4118429	4188596	4160623	0.89	cps
Scandium	45-2	47139	47540	46945	47208	0.64	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	0	6	4	89.21	cps
Selenium	82-1	-138	-30	-57	-75	-75.01	cps
Silicon	28-1	310537	309806	310675	310339	0.15	cps
Silver	109-1	483	317	300	367	27.65	cps
Silver	107-1	367	567	392	442	24.67	cps
Sodium	23-2	11305	11080	10855	11080	2.03	cps
Strontium	86-1	900	742	700	781	13.52	cps
Strontium	88-1	108	208	192	169	31.62	cps
Sulfur	34-1	306651	304594	306763	306003	0.40	cps
Terbium	159-1	9625192	9539609	9678056	9614285	0.73	cps
Terbium	159-2	2213925	2223018	2202160	2213034	0.47	cps
Thallium	203-1	583	675	583	614	8.62	cps
Thallium	205-1	1567	1358	1458	1461	7.13	cps
Tin	118-1	1642	1667	1592	1634	2.34	cps
Titanium	47-1	175	92	158	142	31.13	cps
Uranium	238-1	158	158	267	194	32.17	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Yttrium	89-1	7904933	7809461	7803974	7839456	0.72	cps
Yttrium	89-2	305739	303407	304234	304460	0.39	cps
Zinc	66-2	33	40	40	38	10.19	cps
Zirconium	90-1	967	908	1008	961	5.23	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:20:18	DataFile Name :	038CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	217	267	217	23.08	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BL	Instrumnet Name :	P8
Client Sample ID :	PB102367BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:23:25	DataFile Name :	039CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	42	33	25.01	cps
Antimony	121-1	700	733	775	736	5.10	cps
Arsenic	75-2	0	2	6	2	114.63	cps
Barium	135-1	17	25	33	25	33.32	cps
Barium	137-1	75	42	50	56	31.22	cps
Beryllium	9-1	183	244	194	207	15.69	cps
Bismuth	209-1	5721086	5753409	5671291	5715262	0.72	cps
Bismuth	209-2	1822076	1769768	1759941	1783928	1.87	cps
Boron	11-1	4684	4668	4784	4712	1.34	cps
Boron	10-1	1008	1075	1092	1058	4.17	cps
Cadmium	106-1	1383	1567	1392	1447	7.15	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Cadmium	111-1	973	1127	981	1027	8.44	cps
Calcium	43-1	1350	1283	1508	1381	8.37	cps
Calcium	44-1	23070	23896	23337	23434	1.80	cps
Chromium	52-2	767	810	823	800	3.70	cps
Cobalt	59-2	50	50	63	54	14.14	cps
Copper	63-2	297	287	283	289	2.40	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	58	50	53	9.12	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	50	100	58	69	38.58	cps
Gadolinium	160-2	13	7	20	13	49.99	cps
Holmium	165-1	9097036	9084886	9069745	9083889	0.15	cps
Holmium	165-2	2306756	2230668	2243760	2260395	1.80	cps
Indium	115-1	7485930	7595431	7520724	7534028	0.74	cps
Indium	115-2	416662	404233	404476	408457	1.74	cps
Iron	56-2	2923	2600	2750	2758	5.85	cps
Iron	57-2	89	67	61	72	20.35	cps
Lead	206-1	611	761	678	683	11.00	cps
Lead	207-1	661	617	667	648	4.23	cps
Lead	208-1	2656	2622	2639	2639	0.63	cps
Lithium	6-1	1121727	1131104	1110777	1121203	0.91	cps
Magnesium	24-2	367	367	358	364	1.32	cps
Manganese	55-2	70	47	63	60	20.03	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : PB102367BL Instrumnet Name : P8
 Client Sample ID : PB102367BL Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:23:25 DataFile Name : 039CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	225	167	275	222	24.40	cps
Molybdenum	94-1	267	333	292	297	11.33	cps
Molybdenum	95-1	150	108	125	128	16.41	cps
Molybdenum	96-1	267	192	258	239	17.21	cps
Molybdenum	97-1	108	150	83	114	29.57	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	160	213	173	182	15.23	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	3951	4001	4101	4017	1.90	cps
Rhodium	103-1	6995549	7150503	7056835	7067629	1.10	cps
Rhodium	103-2	2191854	2135133	2144709	2157232	1.41	cps
Scandium	45-1	4144824	4176900	4090848	4137524	1.05	cps
Scandium	45-2	47718	45627	46380	46575	2.27	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-2	-10	-83	-32	-140.32	cps
Silicon	28-1	313140	314590	310390	312707	0.68	cps
Silver	109-1	250	225	233	236	5.39	cps
Silver	107-1	300	250	292	281	9.55	cps
Sodium	23-2	9312	9312	9228	9284	0.52	cps
Strontium	86-1	933	683	692	770	18.45	cps
Strontium	88-1	175	175	108	153	25.19	cps
Sulfur	34-1	310957	314035	310518	311837	0.61	cps
Terbium	159-1	9415148	9428578	9407143	9416956	0.12	cps
Terbium	159-2	2225475	2177374	2162186	2188345	1.51	cps
Thallium	203-1	358	367	442	389	11.80	cps
Thallium	205-1	883	767	867	839	7.52	cps
Tin	118-1	958	692	892	847	16.38	cps
Titanium	47-1	117	150	142	136	12.75	cps
Uranium	238-1	142	92	92	108	26.65	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	7760397	7748170	7684774	7731114	0.53	cps
Yttrium	89-2	312156	304918	302868	306647	1.59	cps
Zinc	66-2	40	37	70	49	37.55	cps
Zirconium	90-1	692	725	558	658	13.40	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BL	Instrumnet Name :	P8
Client Sample ID :	PB102367BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:23:25	DataFile Name :	039CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	192	142	161	16.63	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BS	Instrumnet Name :	P8
Client Sample ID :	PB102367BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:26:36	DataFile Name :	040LCS6_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76263	75618	74212	75364	1.39	cps
Antimony	121-1	4527679	4512575	4518190	4519481	0.17	cps
Arsenic	75-2	61129	60883	60764	60925	0.31	cps
Barium	135-1	4574120	4597673	4582757	4584850	0.26	cps
Barium	137-1	7881800	7874390	7877307	7877832	0.05	cps
Beryllium	9-1	582655	577035	576090	578593	0.61	cps
Bismuth	209-1	5757155	5879822	5838159	5825045	1.07	cps
Bismuth	209-2	1698864	1763693	1699697	1720751	2.16	cps
Boron	11-1	305686	309064	318319	311023	2.10	cps
Boron	10-1	66036	66882	69536	67485	2.71	cps
Cadmium	106-1	98113	95840	97073	97009	1.17	cps
Cadmium	108-1	65718	65764	66400	65961	0.58	cps
Cadmium	111-1	945342	940332	947956	944543	0.41	cps
Calcium	43-1	871447	878732	870720	873633	0.51	cps
Calcium	44-1	14417744	14262728	14334647	14338373	0.54	cps
Chromium	52-2	497945	493674	493828	495149	0.49	cps
Cobalt	59-2	1024249	1023166	1015295	1020903	0.48	cps
Copper	63-2	1766490	1745218	1746213	1752640	0.68	cps
Dysprosium	156-1	67	67	58	64	7.53	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	75	108	25	69	60.40	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	9293297	9650665	9394650	9446204	1.95	cps
Holmium	165-2	2268832	2265669	2236598	2257033	0.79	cps
Indium	115-1	7503216	7719009	7565764	7595996	1.46	cps
Indium	115-2	393997	391761	393704	393154	0.31	cps
Iron	56-2	16757986	16635657	16454741	16616128	0.92	cps
Iron	57-2	417580	415134	409045	413919	1.06	cps
Lead	206-1	2668784	2644248	2652326	2655119	0.47	cps
Lead	207-1	2427337	2432001	2446256	2435198	0.40	cps
Lead	208-1	10730454	10718608	10808893	10752652	0.46	cps
Lithium	6-1	1105596	1149068	1119208	1124624	1.98	cps
Magnesium	24-2	1929825	1911399	1867771	1902998	1.67	cps
Manganese	55-2	281535	280659	279608	280600	0.34	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BS	Instrumnet Name :	P8
Client Sample ID :	PB102367BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:26:36	DataFile Name :	040LCS6_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2965721	2969921	2983957	2973200	0.32	cps
Molybdenum	94-1	3381799	3393336	3439434	3404856	0.90	cps
Molybdenum	95-1	1838618	1830498	1841643	1836920	0.31	cps
Molybdenum	96-1	2390748	2377263	2389930	2385980	0.32	cps
Molybdenum	97-1	1119661	1122426	1122221	1121436	0.14	cps
Neodymium	150-1	133	140	173	149	14.39	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	295915	295119	292815	294616	0.55	cps
Phosphorus	31-2	6043	6018	6018	6027	0.24	cps
Potassium	39-2	559345	546456	550280	552027	1.20	cps
Rhodium	103-1	6859614	7183385	7019037	7020679	2.31	cps
Rhodium	103-2	2105441	2085500	2057523	2082821	1.16	cps
Scandium	45-1	4140456	4270407	4174844	4195236	1.60	cps
Scandium	45-2	46457	45925	47102	46495	1.27	cps
Selenium	77-2	377	460	453	430	10.77	cps
Selenium	78-2	1404	1583	1498	1495	6.01	cps
Selenium	82-1	57350	57433	57058	57280	0.34	cps
Silicon	28-1	1924958	1888388	1912578	1908641	0.97	cps
Silver	109-1	4415892	4372054	4448211	4412052	0.87	cps
Silver	107-1	4633422	4593387	4620811	4615873	0.44	cps
Sodium	23-2	4550883	4574184	4476418	4533828	1.13	cps
Strontium	86-1	1147055	1137444	1144344	1142947	0.43	cps
Strontium	88-1	9900353	9873932	9936331	9903539	0.32	cps
Sulfur	34-1	574435	571909	565381	570575	0.82	cps
Terbium	159-1	9655954	9978233	9907926	9847371	1.72	cps
Terbium	159-2	2174689	2188225	2176899	2179938	0.33	cps
Thallium	203-1	3283793	3279495	3324054	3295781	0.75	cps
Thallium	205-1	7651442	7663228	7640969	7651879	0.15	cps
Tin	118-1	3062834	3061480	3046058	3056791	0.30	cps
Titanium	47-1	448981	446043	448487	447837	0.35	cps
Uranium	238-1	9897680	9984423	9965569	9949224	0.46	cps
Vanadium	51-2	371719	367845	368472	369345	0.56	cps
Yttrium	89-1	7696334	8096533	7904727	7899198	2.53	cps
Yttrium	89-2	297479	298089	299947	298505	0.43	cps
Zinc	66-2	160045	157675	158223	158648	0.78	cps
Zirconium	90-1	6351602	6381851	6360767	6364740	0.24	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	PB102367BS	Instrumnet Name :	P8
Client Sample ID :	PB102367BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:26:36	DataFile Name :	040LCS6_P8091517- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1429320	1436419	1433022	1432920	0.25	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:29:36	DataFile Name :	041SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34033	33307	34092	33811	1.29	cps
Antimony	121-1	33434	33669	32240	33114	2.31	cps
Arsenic	75-2	170	107	120	133	25.05	cps
Barium	135-1	11355	11848	12014	11739	2.92	cps
Barium	137-1	19899	19991	19799	19896	0.48	cps
Beryllium	9-1	567	650	550	589	9.10	cps
Bismuth	209-1	4923645	4860883	5132425	4972318	2.86	cps
Bismuth	209-2	1477656	1472075	1458109	1469280	0.69	cps
Boron	11-1	48541	48441	47797	48260	0.84	cps
Boron	10-1	10880	10354	10429	10554	2.69	cps
Cadmium	106-1	3680440	3664285	3726987	3690571	0.88	cps
Cadmium	108-1	1176715	1157502	1161251	1165156	0.87	cps
Cadmium	111-1	1805578	1807936	1848275	1820597	1.32	cps
Calcium	43-1	8144	8228	8103	8158	0.78	cps
Calcium	44-1	146582	146120	143864	145522	1.00	cps
Chromium	52-2	19003	18796	19070	18956	0.75	cps
Cobalt	59-2	98408	96586	96632	97208	1.07	cps
Copper	63-2	27738	27791	27775	27768	0.10	cps
Dysprosium	156-1	15518	14367	14968	14951	3.85	cps
Dysprosium	156-2	4331	4037	4094	4154	3.75	cps
Erbium	164-1	22896	23739	23940	23525	2.35	cps
Erbium	164-2	5618	5061	5221	5300	5.41	cps
Gadolinium	160-1	16570	16394	17321	16761	2.94	cps
Gadolinium	160-2	5048	5421	5171	5213	3.65	cps
Holmium	165-1	8036262	8075880	8418650	8176931	2.57	cps
Holmium	165-2	2006932	2002300	1995538	2001590	0.29	cps
Indium	115-1	7014300	6875973	7198358	7029543	2.30	cps
Indium	115-2	356634	351035	349954	352541	1.02	cps
Iron	56-2	251477	244411	245501	247129	1.54	cps
Iron	57-2	6252	6129	5979	6120	2.23	cps
Lead	206-1	30376	30649	30749	30591	0.63	cps
Lead	207-1	26595	26027	26545	26389	1.19	cps
Lead	208-1	121764	121648	122204	121872	0.24	cps
Lithium	6-1	1079719	1080966	1130192	1096959	2.62	cps
Magnesium	24-2	2517	2392	2550	2486	3.36	cps
Manganese	55-2	81319192	80683335	79245742	80416090	1.32	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:29:36	DataFile Name :	041SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	16694	16844	16327	16622	1.60	cps
Molybdenum	94-1	675120515	687779449	688048899	683649621	1.08	cps
Molybdenum	95-1	20099	21802	21309	21070	4.16	cps
Molybdenum	96-1	113892069	116105315	115727744	115241710	1.03	cps
Molybdenum	97-1	6535	6669	6802	6669	2.00	cps
Neodymium	150-1	8343	8223	8556	8374	2.02	cps
Neodymium	150-2	1427	1223	1167	1272	10.75	cps
Nickel	60-2	30781	30691	30447	30639	0.56	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	13807	14158	13040	13668	4.18	cps
Rhodium	103-1	6044944	5946474	6168619	6053346	1.84	cps
Rhodium	103-2	1915913	1909818	1882109	1902613	0.95	cps
Scandium	45-1	4766149	4731061	4802456	4766555	0.75	cps
Scandium	45-2	211412	206981	207633	208675	1.15	cps
Selenium	77-2	30	13	13	19	50.96	cps
Selenium	78-2	9	9	9	9	0.00	cps
Selenium	82-1	96	45	-10	44	120.86	cps
Silicon	28-1	111666248	111537232	113417153	112206878	0.94	cps
Silver	109-1	58244	56285	57491	57340	1.72	cps
Silver	107-1	883057	868447	865875	872460	1.06	cps
Sodium	23-2	8757723	8739353	8701761	8732946	0.33	cps
Strontium	86-1	5585	5868	5676	5710	2.53	cps
Strontium	88-1	46171	46731	46272	46391	0.64	cps
Sulfur	34-1	220188	208754	203231	210724	4.10	cps
Terbium	159-1	8390705	8253352	8720977	8455011	2.84	cps
Terbium	159-2	1962925	1920988	1913230	1932381	1.38	cps
Thallium	203-1	583	442	383	469	21.91	cps
Thallium	205-1	1642	1142	1075	1286	24.08	cps
Tin	118-1	146991	149787	154474	150417	2.51	cps
Titanium	47-1	390907	387410	386307	388208	0.62	cps
Uranium	238-1	1568142	1642846	1712876	1641288	4.41	cps
Vanadium	51-2	2244	2244	2184	2224	1.56	cps
Yttrium	89-1	7059186	6991469	7177867	7076174	1.33	cps
Yttrium	89-2	275481	273599	272743	273941	0.51	cps
Zinc	66-2	12092	11862	12172	12042	1.34	cps
Zirconium	90-1	1832226374	1850849308	1863331775	1848802486	0.85	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:29:36	DataFile Name :	041SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	407135709	414805934	412389726	411443790	0.95	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5270-01RE Instrumnet Name : P8
 Client Sample ID : OXSILAN-981012RE Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:32:59 DataFile Name : 042SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32489	32246	31519	32085	1.57	cps
Antimony	121-1	28114	29083	29400	28865	2.32	cps
Arsenic	75-2	133	111	137	127	11.03	cps
Barium	135-1	11430	11706	11372	11503	1.55	cps
Barium	137-1	20174	20049	20124	20116	0.31	cps
Beryllium	9-1	533	611	539	561	7.73	cps
Bismuth	209-1	5040291	5097945	5167558	5101931	1.25	cps
Bismuth	209-2	1443678	1423959	1312464	1393367	5.08	cps
Boron	11-1	42197	41377	42347	41973	1.24	cps
Boron	10-1	9570	9612	9729	9637	0.85	cps
Cadmium	106-1	3622912	3664148	3668293	3651784	0.69	cps
Cadmium	108-1	1128440	1130812	1130373	1129875	0.11	cps
Cadmium	111-1	1795705	1824231	1827298	1815745	0.96	cps
Calcium	43-1	8203	8186	7944	8111	1.78	cps
Calcium	44-1	141262	139849	143318	141476	1.23	cps
Chromium	52-2	19040	17942	17762	18248	3.79	cps
Cobalt	59-2	96360	94572	92213	94381	2.20	cps
Copper	63-2	25644	25457	25841	25647	0.75	cps
Dysprosium	156-1	14509	15151	15368	15009	2.98	cps
Dysprosium	156-2	4031	3947	3877	3952	1.94	cps
Erbium	164-1	23914	24098	23848	23953	0.54	cps
Erbium	164-2	5348	5071	5014	5144	3.47	cps
Gadolinium	160-1	16895	16578	16545	16673	1.16	cps
Gadolinium	160-2	4891	5131	4901	4974	2.73	cps
Holmium	165-1	8333223	8404396	8550329	8429316	1.31	cps
Holmium	165-2	1980870	1943403	1808048	1910774	4.76	cps
Indium	115-1	6743567	6829343	6766759	6779889	0.65	cps
Indium	115-2	339410	331595	302798	324601	5.94	cps
Iron	56-2	241874	236969	231924	236922	2.10	cps
Iron	57-2	5885	6396	5863	6048	4.99	cps
Lead	206-1	30615	30816	32319	31250	2.98	cps
Lead	207-1	26033	27046	27241	26773	2.42	cps
Lead	208-1	121262	123660	126977	123967	2.32	cps
Lithium	6-1	1152012	1175397	1185006	1170805	1.45	cps
Magnesium	24-2	2550	2350	2075	2325	10.26	cps
Manganese	55-2	78830992	77525367	74722701	77026353	2.73	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01RE	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:32:59	DataFile Name :	042SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	15726	15435	15835	15665	1.32	cps
Molybdenum	94-1	666601982	672754048	687020532	675458854	1.55	cps
Molybdenum	95-1	20575	19907	20324	20269	1.66	cps
Molybdenum	96-1	112355682	113675582	115399594	113810286	1.34	cps
Molybdenum	97-1	6077	6502	6402	6327	3.51	cps
Neodymium	150-1	8430	8630	9017	8692	3.43	cps
Neodymium	150-2	1330	1307	1247	1295	3.32	cps
Nickel	60-2	29839	30113	29077	29676	1.81	cps
Phosphorus	31-2	33	25	0	19	89.21	cps
Potassium	39-2	11814	11472	11705	11664	1.50	cps
Rhodium	103-1	6094689	6155360	6170432	6140160	0.65	cps
Rhodium	103-2	1881072	1843788	1700988	1808616	5.26	cps
Scandium	45-1	4599173	4689174	4651689	4646679	0.97	cps
Scandium	45-2	202604	199044	191214	197621	2.95	cps
Selenium	77-2	10	13	23	16	44.60	cps
Selenium	78-2	13	17	20	17	22.23	cps
Selenium	82-1	-60	78	71	30	263.01	cps
Silicon	28-1	108240890	109451719	110253223	109315277	0.93	cps
Silver	109-1	51483	51760	51600	51614	0.27	cps
Silver	107-1	840237	847780	842165	843394	0.46	cps
Sodium	23-2	8610456	8480458	8159111	8416675	2.76	cps
Strontium	86-1	5968	5960	5985	5971	0.21	cps
Strontium	88-1	44951	44716	45628	45098	1.05	cps
Sulfur	34-1	187729	185805	182066	185200	1.55	cps
Terbium	159-1	8678710	8760291	8803170	8747391	0.72	cps
Terbium	159-2	1915342	1884105	1739475	1846307	5.08	cps
Thallium	203-1	283	242	192	239	19.21	cps
Thallium	205-1	567	558	583	569	2.24	cps
Tin	118-1	146528	149645	151516	149230	1.69	cps
Titanium	47-1	374119	370804	370809	371910	0.51	cps
Uranium	238-1	1692021	1719211	1743734	1718322	1.51	cps
Vanadium	51-2	2314	2100	2307	2240	5.41	cps
Yttrium	89-1	7000130	6946569	7180581	7042427	1.74	cps
Yttrium	89-2	266910	261887	241278	256692	5.29	cps
Zinc	66-2	12145	12256	11955	12119	1.25	cps
Zirconium	90-1	1822957107	1820600107	1850031175	1831196130	0.89	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01RE	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:32:59	DataFile Name :	042SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	404106876	406114617	406162317	405461270	0.29	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01DLX2	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-15 16:40:37	DataFile Name :	043SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16001	17003	16285	16430	3.14	cps
Antimony	121-1	11831	12890	13015	12579	5.17	cps
Arsenic	75-2	76	65	61	67	11.46	cps
Barium	135-1	6102	5785	5868	5918	2.77	cps
Barium	137-1	10538	10396	10388	10441	0.81	cps
Beryllium	9-1	311	372	367	350	9.66	cps
Bismuth	209-1	5345757	5407915	5423443	5392372	0.76	cps
Bismuth	209-2	1264190	1475515	1461500	1400402	8.44	cps
Boron	11-1	22209	22360	22785	22452	1.33	cps
Boron	10-1	4984	5226	5801	5337	7.86	cps
Cadmium	106-1	1945496	1939459	1910084	1931680	0.98	cps
Cadmium	108-1	600041	603005	603334	602126	0.30	cps
Cadmium	111-1	968212	962228	940379	956939	1.53	cps
Calcium	43-1	4801	5093	5260	5051	4.59	cps
Calcium	44-1	84220	83683	84379	84094	0.43	cps
Chromium	52-2	9503	9587	9663	9585	0.84	cps
Cobalt	59-2	46886	49364	48772	48341	2.68	cps
Copper	63-2	13023	12909	12809	12914	0.83	cps
Dysprosium	156-1	7869	7853	8195	7972	2.42	cps
Dysprosium	156-2	2070	2150	2127	2116	1.94	cps
Erbium	164-1	12406	12632	12031	12356	2.45	cps
Erbium	164-2	2684	2820	2684	2729	2.89	cps
Gadolinium	160-1	9012	9179	9329	9173	1.73	cps
Gadolinium	160-2	2440	2567	2607	2538	3.43	cps
Holmium	165-1	8774778	8839161	8958235	8857391	1.05	cps
Holmium	165-2	1675644	1998191	1963251	1879029	9.42	cps
Indium	115-1	7027875	7038759	7096065	7054233	0.52	cps
Indium	115-2	290782	336811	332143	319912	7.92	cps
Iron	56-2	120898	125762	124192	123618	2.01	cps
Iron	57-2	3073	3139	3112	3108	1.08	cps
Lead	206-1	16956	16756	17195	16969	1.30	cps
Lead	207-1	14714	15154	14820	14896	1.54	cps
Lead	208-1	66180	67115	66775	66690	0.71	cps
Lithium	6-1	1081358	1104376	1104664	1096799	1.22	cps
Magnesium	24-2	1533	1400	1467	1467	4.54	cps
Manganese	55-2	38902817	40691196	39673727	39755913	2.26	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01DLX2	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-15 16:40:37	DataFile Name :	043SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	7961	7994	7994	7983	0.24	cps
Molybdenum	94-1	352147016	354159425	357454708	354587050	0.76	cps
Molybdenum	95-1	10521	10855	10146	10507	3.37	cps
Molybdenum	96-1	59165387	60282210	59737487	59728361	0.94	cps
Molybdenum	97-1	2950	3551	3384	3295	9.40	cps
Neodymium	150-1	4321	4314	4187	4274	1.76	cps
Neodymium	150-2	617	630	613	620	1.42	cps
Nickel	60-2	14598	15519	15112	15076	3.06	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	7302	7261	7261	7274	0.33	cps
Rhodium	103-1	6347331	6482505	6402336	6410724	1.06	cps
Rhodium	103-2	1634837	1900946	1889274	1808352	8.32	cps
Scandium	45-1	4277787	4285337	4281736	4281620	0.09	cps
Scandium	45-2	113080	122071	120522	118558	4.05	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	2	9	11	7	66.16	cps
Selenium	82-1	-59	-84	-122	-88	-36.02	cps
Silicon	28-1	59262112	59216510	59647256	59375292	0.40	cps
Silver	109-1	28348	27872	28005	28075	0.87	cps
Silver	107-1	448412	447712	450050	448725	0.27	cps
Sodium	23-2	4219526	4389311	4351675	4320171	2.06	cps
Strontium	86-1	3451	3584	3050	3362	8.26	cps
Strontium	88-1	23538	24239	23888	23888	1.47	cps
Sulfur	34-1	182801	182065	180487	181784	0.65	cps
Terbium	159-1	8959695	9138167	9170383	9089415	1.25	cps
Terbium	159-2	1648507	1922835	1883499	1818280	8.16	cps
Thallium	203-1	192	183	125	167	21.79	cps
Thallium	205-1	317	358	283	319	11.76	cps
Tin	118-1	76880	78573	78540	77998	1.24	cps
Titanium	47-1	197984	197899	193875	196586	1.19	cps
Uranium	238-1	869090	870343	887001	875478	1.14	cps
Vanadium	51-2	1047	1167	1020	1078	7.25	cps
Yttrium	89-1	7144058	7239010	7225020	7202696	0.71	cps
Yttrium	89-2	223718	260421	256786	246975	8.19	cps
Zinc	66-2	5658	6145	6085	5962	4.45	cps
Zirconium	90-1	947440388	957826988	962685388	955984255	0.81	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01DLX2	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-15 16:40:37	DataFile Name :	043SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	212207980	212188721	212163288	212186663	0.01	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5270-01DL2X100 Instrumnet Name : P8
 Client Sample ID : OXSILAN-981012DL2 Dilution Factor : 100
 Date & Time Acquired :: 2017-09-15 16:43:50 DataFile Name : 044SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	492	450	414	24.36	cps
Antimony	121-1	783	508	450	581	30.66	cps
Arsenic	75-2	6	7	2	5	57.32	cps
Barium	135-1	117	200	283	200	41.67	cps
Barium	137-1	292	367	383	347	14.06	cps
Beryllium	9-1	172	150	139	154	11.04	cps
Bismuth	209-1	5627091	5650192	5845223	5707502	2.10	cps
Bismuth	209-2	1642689	1637235	1646840	1642255	0.29	cps
Boron	11-1	3759	3851	3751	3787	1.47	cps
Boron	10-1	842	817	892	850	4.49	cps
Cadmium	106-1	37905	40178	38247	38777	3.16	cps
Cadmium	108-1	13553	13720	13303	13525	1.55	cps
Cadmium	111-1	17588	19237	18045	18290	4.66	cps
Calcium	43-1	1142	1458	1317	1306	12.15	cps
Calcium	44-1	23037	22811	23821	23223	2.28	cps
Chromium	52-2	1273	1197	1260	1243	3.29	cps
Cobalt	59-2	1090	1127	1247	1155	7.10	cps
Copper	63-2	970	1000	1017	996	2.38	cps
Dysprosium	156-1	217	200	175	197	10.63	cps
Dysprosium	156-2	43	33	67	48	35.81	cps
Erbium	164-1	383	333	367	361	7.05	cps
Erbium	164-2	37	80	47	54	41.67	cps
Gadolinium	160-1	267	225	200	231	14.61	cps
Gadolinium	160-2	77	63	70	70	9.53	cps
Holmium	165-1	9037581	9070809	9270414	9126268	1.38	cps
Holmium	165-2	2170439	2142695	2169424	2160853	0.73	cps
Indium	115-1	7301767	7341667	7636596	7426677	2.46	cps
Indium	115-2	378402	377062	377688	377717	0.18	cps
Iron	56-2	6279	6307	6168	6252	1.18	cps
Iron	57-2	94	128	133	119	17.75	cps
Lead	206-1	839	1006	1078	974	12.58	cps
Lead	207-1	811	889	845	848	4.60	cps
Lead	208-1	3645	3650	3811	3702	2.56	cps
Lithium	6-1	995861	1011652	1037680	1015064	2.08	cps
Magnesium	24-2	408	367	350	375	8.01	cps
Manganese	55-2	920961	915178	932380	922840	0.95	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012DL2	Dilution Factor :	100
Date & Time Acquired ::	2017-09-15 16:43:50	DataFile Name :	044SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	433	533	517	494	10.84	cps
Molybdenum	94-1	7714648	7882999	7897591	7831746	1.30	cps
Molybdenum	95-1	433	558	475	489	13.02	cps
Molybdenum	96-1	1270246	1293861	1304140	1289415	1.35	cps
Molybdenum	97-1	267	242	183	231	18.55	cps
Neodymium	150-1	153	120	133	136	12.37	cps
Neodymium	150-2	23	7	20	17	52.90	cps
Nickel	60-2	657	730	620	669	8.37	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2850	2925	3359	3045	9.02	cps
Rhodium	103-1	6714045	6894788	6920859	6843231	1.65	cps
Rhodium	103-2	2084264	2059952	2071460	2071892	0.59	cps
Scandium	45-1	3882506	3867619	4005761	3918629	1.93	cps
Scandium	45-2	44882	45015	45239	45045	0.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-97	-59	-102	-86	-27.08	cps
Silicon	28-1	1798573	1800479	1807096	1802049	0.25	cps
Silver	109-1	1183	1250	1167	1200	3.68	cps
Silver	107-1	10888	10171	11572	10877	6.44	cps
Sodium	23-2	102963	101998	103609	102857	0.79	cps
Strontium	86-1	1008	925	900	945	6.01	cps
Strontium	88-1	767	833	858	820	5.78	cps
Sulfur	34-1	182454	182355	181441	182083	0.31	cps
Terbium	159-1	9374259	9393791	9650060	9472703	1.62	cps
Terbium	159-2	2102009	2057210	2091373	2083530	1.12	cps
Thallium	203-1	67	108	75	83	26.46	cps
Thallium	205-1	208	133	125	156	29.51	cps
Tin	118-1	2617	2267	2425	2436	7.20	cps
Titanium	47-1	4318	4793	5135	4748	8.64	cps
Uranium	238-1	18273	18556	19299	18709	2.83	cps
Vanadium	51-2	57	47	33	46	25.70	cps
Yttrium	89-1	7489001	7412064	7644891	7515318	1.58	cps
Yttrium	89-2	281777	279796	281677	281084	0.40	cps
Zinc	66-2	323	363	250	312	18.41	cps
Zirconium	90-1	21224291	21378380	21692057	21431576	1.11	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5270-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	OXSILAN-981012DL2	Dilution Factor :	100
Date & Time Acquired ::	2017-09-15 16:43:50	DataFile Name :	044SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4725672	4784577	4790478	4766909	0.75	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : CCV030 Instrumnet Name : P8
 Client Sample ID : CCV030 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:46:58 DataFile Name : 045CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347004	344231	347625	346287	0.52	cps
Antimony	121-1	4182306	4251221	4282893	4238806	1.21	cps
Arsenic	75-2	56972	56232	56719	56641	0.66	cps
Barium	135-1	4437924	4433300	4456769	4442664	0.28	cps
Barium	137-1	7667907	7612186	7727824	7669306	0.75	cps
Beryllium	9-1	523412	531999	535324	530245	1.16	cps
Bismuth	209-1	5715633	5822027	5864544	5800735	1.32	cps
Bismuth	209-2	1605466	1584339	1595543	1595116	0.66	cps
Boron	11-1	282558	289577	294639	288925	2.10	cps
Boron	10-1	60796	63190	63483	62490	2.36	cps
Cadmium	106-1	89270	89521	90629	89807	0.80	cps
Cadmium	108-1	59799	61322	61331	60817	1.45	cps
Cadmium	111-1	864380	875807	874918	871702	0.73	cps
Calcium	43-1	3987598	4068621	4087819	4048013	1.31	cps
Calcium	44-1	65650812	66949629	66824616	66475019	1.08	cps
Chromium	52-2	462175	461691	462369	462079	0.08	cps
Cobalt	59-2	949957	947528	953292	950259	0.30	cps
Copper	63-2	1647201	1616626	1644740	1636189	1.04	cps
Dysprosium	156-1	75	133	58	89	44.30	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	3	3	23	10	115.51	cps
Gadolinium	160-1	167	117	108	131	24.17	cps
Gadolinium	160-2	13	37	13	21	63.83	cps
Holmium	165-1	9455877	9620273	9682186	9586112	1.22	cps
Holmium	165-2	2170073	2149035	2165330	2161479	0.51	cps
Indium	115-1	7223209	7310782	7323181	7285724	0.75	cps
Indium	115-2	359113	354083	358358	357184	0.76	cps
Iron	56-2	75271429	74734704	74410913	74805682	0.58	cps
Iron	57-2	1916973	1881021	1897811	1898602	0.95	cps
Lead	206-1	2615263	2684997	2663750	2654670	1.35	cps
Lead	207-1	2418597	2437459	2432512	2429522	0.40	cps
Lead	208-1	10658090	10873264	10821504	10784286	1.04	cps
Lithium	6-1	1026332	1053739	1075219	1051764	2.33	cps
Magnesium	24-2	8614491	8580966	8595124	8596860	0.20	cps
Manganese	55-2	259605	259574	258108	259096	0.33	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:46:58	DataFile Name :	045CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2834541	2913778	2847259	2865193	1.49	cps
Molybdenum	94-1	3240796	3332035	3350399	3307743	1.77	cps
Molybdenum	95-1	1750089	1777834	1816496	1781473	1.87	cps
Molybdenum	96-1	2299270	2308126	2317493	2308296	0.39	cps
Molybdenum	97-1	1069104	1082048	1086033	1079062	0.82	cps
Neodymium	150-1	207	207	160	191	14.10	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	272375	272931	272961	272756	0.12	cps
Phosphorus	31-2	5251	5109	5235	5198	1.49	cps
Potassium	39-2	2532394	2532828	2526320	2530514	0.14	cps
Rhodium	103-1	6500285	6605806	6681319	6595803	1.38	cps
Rhodium	103-2	1951839	1920086	1929826	1933917	0.84	cps
Scandium	45-1	3961920	4005914	4021944	3996593	0.78	cps
Scandium	45-2	43728	43136	42758	43207	1.13	cps
Selenium	77-2	370	413	363	382	7.10	cps
Selenium	78-2	1315	1348	1330	1331	1.26	cps
Selenium	82-1	52606	53346	53527	53160	0.92	cps
Silicon	28-1	1841959	1873183	1914471	1876537	1.94	cps
Silver	109-1	4120286	4122514	4147606	4130136	0.37	cps
Silver	107-1	4320286	4340271	4403610	4354722	1.00	cps
Sodium	23-2	21024843	20756870	21146872	20976195	0.95	cps
Strontium	86-1	1106392	1121421	1120114	1115976	0.75	cps
Strontium	88-1	9619271	9742443	9818622	9726779	1.03	cps
Sulfur	34-1	503107	512306	517393	510935	1.42	cps
Terbium	159-1	9684027	9771655	9911207	9788963	1.17	cps
Terbium	159-2	2094941	2087240	2104531	2095571	0.41	cps
Thallium	203-1	3244600	3326027	3294912	3288513	1.25	cps
Thallium	205-1	7651043	7862079	7741556	7751559	1.37	cps
Tin	118-1	2917138	2931973	2912733	2920615	0.35	cps
Titanium	47-1	413696	428647	422703	421682	1.79	cps
Uranium	238-1	10227440	10401064	10342964	10323822	0.86	cps
Vanadium	51-2	349223	349966	351738	350309	0.37	cps
Yttrium	89-1	7460560	7638758	7811332	7636883	2.30	cps
Yttrium	89-2	280129	275084	273663	276292	1.23	cps
Zinc	66-2	147104	144826	146042	145991	0.78	cps
Zirconium	90-1	6079586	6184790	6189430	6151269	1.01	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:46:58	DataFile Name :	045CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1366462	1402171	1435895	1401509	2.48	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : CCB030 Instrumnet Name : P8
 Client Sample ID : CCB030 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:50:18 DataFile Name : 046CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	33	39	24.75	cps
Antimony	121-1	1875	2134	2175	2061	7.89	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	33	33	50	39	24.75	cps
Barium	137-1	92	25	67	61	55.11	cps
Beryllium	9-1	272	300	261	278	7.21	cps
Bismuth	209-1	5752520	5856104	5721761	5776795	1.22	cps
Bismuth	209-2	1760765	1665579	1627019	1684454	4.09	cps
Boron	11-1	7886	7494	6960	7447	6.24	cps
Boron	10-1	1659	1450	1433	1514	8.28	cps
Cadmium	106-1	1442	1425	1559	1475	4.93	cps
Cadmium	108-1	25	0	4	10	137.74	cps
Cadmium	111-1	1050	1035	1113	1066	3.88	cps
Calcium	43-1	1258	1475	1258	1331	9.40	cps
Calcium	44-1	21926	22970	22043	22313	2.56	cps
Chromium	52-2	700	713	747	720	3.34	cps
Cobalt	59-2	40	63	33	46	34.58	cps
Copper	63-2	440	460	467	456	3.05	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	0	13	13	9	86.60	cps
Gadolinium	160-1	42	25	50	39	32.73	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	9222966	9345363	9012085	9193472	1.83	cps
Holmium	165-2	2225172	2148302	2124333	2165936	2.43	cps
Indium	115-1	7371020	7573558	7255957	7400178	2.17	cps
Indium	115-2	382001	378260	369211	376491	1.75	cps
Iron	56-2	3106	2784	3012	2967	5.58	cps
Iron	57-2	128	106	89	107	18.16	cps
Lead	206-1	683	667	717	689	3.70	cps
Lead	207-1	611	494	611	572	11.77	cps
Lead	208-1	2850	2567	2750	2722	5.28	cps
Lithium	6-1	1041502	1061384	1040641	1047842	1.12	cps
Magnesium	24-2	217	383	392	331	29.86	cps
Manganese	55-2	247	290	263	267	8.20	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:50:18	DataFile Name :	046CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	450	508	517	492	7.39	cps
Molybdenum	94-1	842	900	792	845	6.42	cps
Molybdenum	95-1	308	300	300	303	1.59	cps
Molybdenum	96-1	575	342	392	436	28.17	cps
Molybdenum	97-1	250	183	292	242	22.61	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	163	140	147	9.91	cps
Phosphorus	31-2	0	33	8	14	124.92	cps
Potassium	39-2	3726	3367	3426	3506	5.49	cps
Rhodium	103-1	6862646	6996132	6757864	6872214	1.74	cps
Rhodium	103-2	2107882	2068517	2016625	2064341	2.22	cps
Scandium	45-1	3971944	4026295	3912936	3970391	1.43	cps
Scandium	45-2	43688	43012	42137	42946	1.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	4	4	100.05	cps
Selenium	82-1	-31	-48	10	-23	-128.19	cps
Silicon	28-1	307538	307688	306599	307275	0.19	cps
Silver	109-1	758	642	767	722	9.68	cps
Silver	107-1	783	817	883	828	6.15	cps
Sodium	23-2	12222	11188	11522	11644	4.53	cps
Strontium	86-1	725	908	867	833	11.53	cps
Strontium	88-1	158	125	208	164	25.59	cps
Sulfur	34-1	280471	278209	272216	276965	1.54	cps
Terbium	159-1	9587168	9609937	9339921	9512342	1.57	cps
Terbium	159-2	2106628	2088383	2046030	2080347	1.49	cps
Thallium	203-1	417	475	375	422	11.90	cps
Thallium	205-1	825	900	733	820	10.19	cps
Tin	118-1	1475	1684	1367	1508	10.67	cps
Titanium	47-1	142	75	125	114	30.46	cps
Uranium	238-1	175	125	192	164	21.17	cps
Vanadium	51-2	17	13	13	14	13.35	cps
Yttrium	89-1	7431923	7637102	7432011	7500345	1.58	cps
Yttrium	89-2	286167	282821	274805	281264	2.08	cps
Zinc	66-2	90	87	90	89	2.16	cps
Zirconium	90-1	1909	1925	1675	1836	7.61	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:50:18	DataFile Name :	046CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	508	342	428	19.51	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-01 Instrumnet Name : P8
 Client Sample ID : MH0CG8 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 16:56:38 DataFile Name : 047SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	592	317	492	30.93	cps
Antimony	121-1	3909	3851	4042	3934	2.50	cps
Arsenic	75-2	122	117	159	133	17.45	cps
Barium	135-1	48649	48473	47069	48064	1.80	cps
Barium	137-1	83623	85811	80990	83475	2.89	cps
Beryllium	9-1	372	461	389	407	11.60	cps
Bismuth	209-1	6095750	5374549	5981534	5817277	6.66	cps
Bismuth	209-2	1790031	1781680	1761196	1777636	0.83	cps
Boron	11-1	6277	5977	5868	6040	3.50	cps
Boron	10-1	1483	1342	1558	1461	7.53	cps
Cadmium	106-1	1525	1250	1375	1383	9.95	cps
Cadmium	108-1	33	46	29	36	24.01	cps
Cadmium	111-1	1423	1239	1284	1315	7.32	cps
Calcium	43-1	230582	231655	222921	228386	2.09	cps
Calcium	44-1	3849260	3894819	3726193	3823424	2.28	cps
Chromium	52-2	710	727	813	750	7.40	cps
Cobalt	59-2	7589	7886	7539	7671	2.44	cps
Copper	63-2	4701	4347	4304	4451	4.89	cps
Dysprosium	156-1	2817	2500	2884	2734	7.49	cps
Dysprosium	156-2	703	793	857	784	9.82	cps
Erbium	164-1	3126	2925	2842	2964	4.91	cps
Erbium	164-2	613	647	670	643	4.43	cps
Gadolinium	160-1	2892	3142	2809	2948	5.89	cps
Gadolinium	160-2	870	967	877	904	5.97	cps
Holmium	165-1	9733998	8546508	9551947	9277484	6.89	cps
Holmium	165-2	2263388	2286364	2208561	2252771	1.77	cps
Indium	115-1	7969063	6953640	7789496	7570733	7.16	cps
Indium	115-2	394559	392871	386458	391296	1.09	cps
Iron	56-2	134082	136997	131405	134161	2.08	cps
Iron	57-2	3178	3423	3523	3375	5.25	cps
Lead	206-1	4540	4117	3995	4217	6.78	cps
Lead	207-1	3840	3606	3406	3617	6.00	cps
Lead	208-1	17605	16621	16305	16844	4.03	cps
Lithium	6-1	1138487	973734	1084238	1065486	7.88	cps
Magnesium	24-2	109661	108040	105851	107851	1.77	cps
Manganese	55-2	37985	38597	36759	37780	2.48	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-01	Instrumnet Name :	P8
Client Sample ID :	MH0CG8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:56:38	DataFile Name :	047SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	12657	13657	12515	12943	4.81	cps
Molybdenum	94-1	6369	6435	6569	6457	1.58	cps
Molybdenum	95-1	7686	8136	7286	7703	5.52	cps
Molybdenum	96-1	8478	8728	8837	8681	2.12	cps
Molybdenum	97-1	4718	5143	5201	5021	5.26	cps
Neodymium	150-1	3060	2894	2827	2927	4.11	cps
Neodymium	150-2	373	450	507	443	15.09	cps
Nickel	60-2	1073	1360	1237	1223	11.76	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	78503	79801	77548	78617	1.44	cps
Rhodium	103-1	7412175	6457008	7244764	7037983	7.25	cps
Rhodium	103-2	2198583	2168488	2101731	2156267	2.30	cps
Scandium	45-1	4274673	3763985	4189287	4075982	6.71	cps
Scandium	45-2	45808	46029	44631	45489	1.65	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	6	4	9	6	45.85	cps
Selenium	82-1	88	66	108	87	24.23	cps
Silicon	28-1	16030795	16136569	15509726	15892363	2.11	cps
Silver	109-1	2867	3092	2667	2875	7.40	cps
Silver	107-1	3242	2884	2800	2975	7.89	cps
Sodium	23-2	669755	671274	659191	666740	0.99	cps
Strontium	86-1	237414	240026	230205	235882	2.16	cps
Strontium	88-1	2097814	2124966	2072229	2098336	1.26	cps
Sulfur	34-1	621377	625164	607578	618039	1.50	cps
Terbium	159-1	10037318	8863055	9999207	9633194	6.93	cps
Terbium	159-2	2172597	2199324	2174385	2182102	0.68	cps
Thallium	203-1	725	675	592	664	10.15	cps
Thallium	205-1	1584	1442	1350	1458	8.06	cps
Tin	118-1	1417	1809	1475	1567	13.49	cps
Titanium	47-1	375	683	367	475	37.99	cps
Uranium	238-1	8545	8645	8120	8437	3.31	cps
Vanadium	51-2	73	40	73	62	30.93	cps
Yttrium	89-1	8223884	7122945	7957483	7768104	7.39	cps
Yttrium	89-2	298854	297102	289914	295290	1.60	cps
Zinc	66-2	8489	8469	8533	8497	0.38	cps
Zirconium	90-1	5401	5343	5243	5329	1.50	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-01	Instrumnet Name :	P8
Client Sample ID :	MH0CG8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:56:38	DataFile Name :	047SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	958	1158	1083	1067	9.47	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-02	Instrumnet Name :	P8
Client Sample ID :	MH0CG9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:59:45	DataFile Name :	048SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	917	1200	975	20.75	cps
Antimony	121-1	2634	2825	2792	2750	3.72	cps
Arsenic	75-2	230	269	283	260	10.65	cps
Barium	135-1	38565	40020	39109	39231	1.87	cps
Barium	137-1	67072	67841	68947	67953	1.39	cps
Beryllium	9-1	306	278	317	300	6.68	cps
Bismuth	209-1	6287284	6239564	6263317	6263389	0.38	cps
Bismuth	209-2	1848581	1834717	1833582	1838960	0.45	cps
Boron	11-1	5209	5193	5668	5357	5.03	cps
Boron	10-1	1100	1308	1167	1192	8.93	cps
Cadmium	106-1	1417	1517	1325	1420	6.75	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Cadmium	111-1	1145	1198	1071	1138	5.61	cps
Calcium	43-1	278589	276247	278633	277823	0.49	cps
Calcium	44-1	4626283	4655211	4622836	4634777	0.38	cps
Chromium	52-2	740	800	837	792	6.16	cps
Cobalt	59-2	1890	2074	1977	1980	4.63	cps
Copper	63-2	3607	3470	3561	3546	1.96	cps
Dysprosium	156-1	1417	1433	1550	1467	4.95	cps
Dysprosium	156-2	387	423	390	400	5.07	cps
Erbium	164-1	1817	1784	1742	1781	2.11	cps
Erbium	164-2	347	367	340	351	3.95	cps
Gadolinium	160-1	1792	1792	1950	1845	4.96	cps
Gadolinium	160-2	490	513	587	530	9.52	cps
Holmium	165-1	9956420	9872766	9960540	9929909	0.50	cps
Holmium	165-2	2328180	2291572	2280340	2300031	1.09	cps
Indium	115-1	8080486	8048683	7890451	8006540	1.27	cps
Indium	115-2	399018	398671	398046	398578	0.12	cps
Iron	56-2	394198	391897	392788	392961	0.30	cps
Iron	57-2	9987	10076	9837	9967	1.21	cps
Lead	206-1	3445	3378	4281	3701	13.58	cps
Lead	207-1	3112	6865	3794	4590	43.56	cps
Lead	208-1	13859	17696	15549	15701	12.25	cps
Lithium	6-1	1157101	1134116	1141865	1144361	1.02	cps
Magnesium	24-2	103928	105313	104280	104507	0.69	cps
Manganese	55-2	92850	94963	93648	93820	1.14	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-02	Instrumnet Name :	P8
Client Sample ID :	MH0CG9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:59:45	DataFile Name :	048SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	600	717	500	606	17.91	cps
Molybdenum	94-1	1959	1909	2042	1970	3.42	cps
Molybdenum	95-1	358	425	375	386	8.99	cps
Molybdenum	96-1	800	725	700	742	7.02	cps
Molybdenum	97-1	292	267	300	286	6.06	cps
Neodymium	150-1	1553	1240	1360	1385	11.42	cps
Neodymium	150-2	207	197	167	190	10.96	cps
Nickel	60-2	867	757	827	817	6.82	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	78267	77808	78444	78173	0.42	cps
Rhodium	103-1	7494980	7407332	7438829	7447047	0.60	cps
Rhodium	103-2	2212533	2190086	2216590	2206403	0.65	cps
Scandium	45-1	4246180	4285260	4272566	4268002	0.47	cps
Scandium	45-2	45423	46370	45684	45826	1.07	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	-95	-51	2	-48	-101.23	cps
Silicon	28-1	7503873	7588957	7629292	7574041	0.85	cps
Silver	109-1	1342	1408	1525	1425	6.51	cps
Silver	107-1	1809	1425	1734	1656	12.27	cps
Sodium	23-2	165664	162180	160259	162701	1.68	cps
Strontium	86-1	152940	151457	152366	152254	0.49	cps
Strontium	88-1	1322453	1324576	1314729	1320586	0.39	cps
Sulfur	34-1	584051	589100	586373	586508	0.43	cps
Terbium	159-1	10354117	10297514	10239729	10297120	0.56	cps
Terbium	159-2	2242388	2242636	2200204	2228409	1.10	cps
Thallium	203-1	275	225	225	242	11.95	cps
Thallium	205-1	633	667	525	608	12.18	cps
Tin	118-1	1500	1492	1408	1467	3.46	cps
Titanium	47-1	808	950	950	903	9.06	cps
Uranium	238-1	4551	4968	4668	4729	4.55	cps
Vanadium	51-2	87	57	80	74	21.16	cps
Yttrium	89-1	8201782	8141746	8068915	8137481	0.82	cps
Yttrium	89-2	302570	298595	299968	300378	0.67	cps
Zinc	66-2	4678	4798	4297	4591	5.69	cps
Zirconium	90-1	5077	4718	5181	4992	4.86	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-02	Instrumnet Name :	P8
Client Sample ID :	MH0CG9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 16:59:45	DataFile Name :	048SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1025	1217	1067	1103	9.14	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-03 Instrumnet Name : P8
 Client Sample ID : MH0CH1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:02:52 DataFile Name : 049SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2392	1992	2159	2181	9.22	cps
Antimony	121-1	1742	1884	2017	1881	7.31	cps
Arsenic	75-2	89	67	102	86	20.74	cps
Barium	135-1	117853	118711	118055	118206	0.38	cps
Barium	137-1	206986	204745	205843	205858	0.54	cps
Beryllium	9-1	817	833	833	828	1.16	cps
Bismuth	209-1	6362504	6293234	6317000	6324246	0.56	cps
Bismuth	209-2	1875933	1860215	1862213	1866120	0.46	cps
Boron	11-1	5668	5468	5451	5529	2.18	cps
Boron	10-1	1183	1425	1417	1342	10.23	cps
Cadmium	106-1	1375	1417	1500	1431	4.45	cps
Cadmium	108-1	33	25	21	26	24.12	cps
Cadmium	111-1	1098	1162	1177	1146	3.68	cps
Calcium	43-1	210884	207004	206296	208061	1.19	cps
Calcium	44-1	3516804	3472209	3464179	3484397	0.81	cps
Chromium	52-2	733	800	763	766	4.36	cps
Cobalt	59-2	2124	2410	1994	2176	9.80	cps
Copper	63-2	5548	5635	5685	5622	1.23	cps
Dysprosium	156-1	9796	8920	9254	9323	4.74	cps
Dysprosium	156-2	2297	2427	2320	2348	2.95	cps
Erbium	164-1	9896	8962	9170	9343	5.25	cps
Erbium	164-2	1960	1894	1924	1926	1.73	cps
Gadolinium	160-1	9462	9295	9712	9490	2.21	cps
Gadolinium	160-2	2830	2880	2627	2779	4.83	cps
Holmium	165-1	10023052	9923315	10036065	9994144	0.62	cps
Holmium	165-2	2318292	2304434	2302700	2308475	0.37	cps
Indium	115-1	8167564	8028447	8121371	8105794	0.87	cps
Indium	115-2	402784	399278	398672	400245	0.55	cps
Iron	56-2	2941300	2927820	2914059	2927726	0.47	cps
Iron	57-2	71823	70857	70746	71142	0.83	cps
Lead	206-1	10010	10127	10171	10102	0.82	cps
Lead	207-1	9003	8948	8342	8764	4.19	cps
Lead	208-1	40655	40265	39776	40232	1.09	cps
Lithium	6-1	1156217	1121976	1134210	1137468	1.53	cps
Magnesium	24-2	105480	104558	104473	104837	0.53	cps
Manganese	55-2	93996	93631	94127	93918	0.27	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-03	Instrumnet Name :	P8
Client Sample ID :	MH0CH1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:02:52	DataFile Name :	049SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	125	108	200	144	33.80	cps
Molybdenum	94-1	1133	1333	1492	1320	13.61	cps
Molybdenum	95-1	100	67	67	78	24.75	cps
Molybdenum	96-1	408	408	417	411	1.17	cps
Molybdenum	97-1	100	50	92	81	33.26	cps
Neodymium	150-1	9437	9177	9711	9442	2.83	cps
Neodymium	150-2	1317	1407	1383	1369	3.41	cps
Nickel	60-2	837	763	733	778	6.83	cps
Phosphorus	31-2	8	0	33	14	124.92	cps
Potassium	39-2	129743	128264	130097	129368	0.75	cps
Rhodium	103-1	7547454	7493115	7424570	7488380	0.82	cps
Rhodium	103-2	2241062	2212013	2211871	2221649	0.76	cps
Scandium	45-1	4349327	4286838	4256553	4297573	1.10	cps
Scandium	45-2	47069	45935	46574	46526	1.22	cps
Selenium	77-2	33	0	7	13	132.27	cps
Selenium	78-2	7	15	6	9	52.86	cps
Selenium	82-1	16	-49	30	-1	-4262.22	cps
Silicon	28-1	18158811	17918071	18023634	18033505	0.67	cps
Silver	109-1	1225	1158	1417	1267	10.59	cps
Silver	107-1	1208	1292	1358	1286	5.84	cps
Sodium	23-2	157977	153620	154177	155258	1.53	cps
Strontium	86-1	209577	203529	203758	205621	1.67	cps
Strontium	88-1	1839239	1835045	1842627	1838970	0.21	cps
Sulfur	34-1	738723	736588	736189	737167	0.18	cps
Terbium	159-1	10386848	10318172	10452299	10385773	0.65	cps
Terbium	159-2	2226942	2224230	2214494	2221889	0.29	cps
Thallium	203-1	650	775	683	703	9.21	cps
Thallium	205-1	1650	1617	1442	1570	7.13	cps
Tin	118-1	1784	1942	1892	1872	4.32	cps
Titanium	47-1	225	208	250	228	9.21	cps
Uranium	238-1	9262	9587	9070	9307	2.81	cps
Vanadium	51-2	43	37	43	41	9.35	cps
Yttrium	89-1	8388503	8275416	8320022	8327980	0.68	cps
Yttrium	89-2	308123	305783	305159	306355	0.51	cps
Zinc	66-2	12566	12346	12576	12496	1.04	cps
Zirconium	90-1	3484	3151	3509	3381	5.92	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-03	Instrumnet Name :	P8
Client Sample ID :	MH0CH1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:02:52	DataFile Name :	049SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	750	742	900	797	11.18	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-04	Instrumnet Name :	P8
Client Sample ID :	MH0CH5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:05:58	DataFile Name :	050SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7461	7219	7669	7450	3.02	cps
Antimony	121-1	1759	2059	1792	1870	8.80	cps
Arsenic	75-2	139	128	113	127	10.28	cps
Barium	135-1	114601	115702	115416	115240	0.50	cps
Barium	137-1	201884	202469	201684	202012	0.20	cps
Beryllium	9-1	911	861	945	906	4.63	cps
Bismuth	209-1	6375803	6385226	6275360	6345463	0.96	cps
Bismuth	209-2	1759444	1811877	1872101	1814474	3.11	cps
Boron	11-1	4693	4726	4434	4618	3.46	cps
Boron	10-1	1083	1100	917	1033	9.81	cps
Cadmium	106-1	1425	1609	1517	1517	6.04	cps
Cadmium	108-1	75	46	71	64	24.70	cps
Cadmium	111-1	1570	1706	1687	1655	4.46	cps
Calcium	43-1	172883	173543	169817	172081	1.16	cps
Calcium	44-1	2903440	2886279	2868001	2885907	0.61	cps
Chromium	52-2	707	757	720	728	3.56	cps
Cobalt	59-2	1807	1810	1813	1810	0.18	cps
Copper	63-2	4331	4634	4574	4513	3.56	cps
Dysprosium	156-1	23305	23781	23731	23605	1.11	cps
Dysprosium	156-2	6448	6488	6258	6398	1.92	cps
Erbium	164-1	22587	22053	22704	22448	1.55	cps
Erbium	164-2	4598	4728	4828	4718	2.45	cps
Gadolinium	160-1	25434	24833	25893	25387	2.09	cps
Gadolinium	160-2	7869	7676	7329	7625	3.59	cps
Holmium	165-1	10025422	9922518	9848255	9932065	0.90	cps
Holmium	165-2	2177377	2279622	2302081	2253027	2.95	cps
Indium	115-1	8035008	8140669	8068256	8081311	0.67	cps
Indium	115-2	379624	398363	403430	393805	3.18	cps
Iron	56-2	589748	585526	581178	585484	0.73	cps
Iron	57-2	15526	15181	14836	15181	2.27	cps
Lead	206-1	38759	38760	38208	38576	0.83	cps
Lead	207-1	33110	33383	32770	33088	0.93	cps
Lead	208-1	153772	152245	152148	152721	0.60	cps
Lithium	6-1	1136905	1164457	1116643	1139335	2.11	cps
Magnesium	24-2	85733	83143	83034	83970	1.82	cps
Manganese	55-2	48828	47858	47584	48090	1.36	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-04	Instrumnet Name :	P8
Client Sample ID :	MH0CH5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:05:58	DataFile Name :	050SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	83	100	92	92	9.09	cps
Molybdenum	94-1	1108	1008	933	1017	8.64	cps
Molybdenum	95-1	58	92	83	78	22.30	cps
Molybdenum	96-1	233	217	283	244	14.19	cps
Molybdenum	97-1	100	100	117	106	9.11	cps
Neodymium	150-1	29287	28913	29668	29289	1.29	cps
Neodymium	150-2	4267	4164	4434	4289	3.18	cps
Nickel	60-2	1147	1103	1153	1135	2.39	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	107517	108642	108836	108331	0.66	cps
Rhodium	103-1	7485627	7518592	7404187	7469468	0.79	cps
Rhodium	103-2	2085708	2200527	2216307	2167514	3.29	cps
Scandium	45-1	4364725	4300957	4294354	4320012	0.90	cps
Scandium	45-2	43882	46139	46453	45492	3.08	cps
Selenium	77-2	47	33	33	38	20.39	cps
Selenium	78-2	24	15	11	17	40.06	cps
Selenium	82-1	70	-38	1	11	497.90	cps
Silicon	28-1	28258698	28082661	28087346	28142902	0.36	cps
Silver	109-1	983	1100	1167	1083	8.57	cps
Silver	107-1	1225	1300	1258	1261	2.98	cps
Sodium	23-2	165553	163572	163758	164294	0.67	cps
Strontium	86-1	173462	171591	170231	171761	0.94	cps
Strontium	88-1	1522870	1533810	1518155	1524945	0.53	cps
Sulfur	34-1	644886	637481	634466	638944	0.84	cps
Terbium	159-1	10192312	10340841	10291783	10274979	0.74	cps
Terbium	159-2	2126229	2218266	2234485	2192993	2.66	cps
Thallium	203-1	1917	1859	1734	1836	5.10	cps
Thallium	205-1	4193	4318	4101	4204	2.59	cps
Tin	118-1	1350	1225	1367	1314	5.89	cps
Titanium	47-1	433	425	392	417	5.29	cps
Uranium	238-1	39138	40358	40191	39896	1.66	cps
Vanadium	51-2	57	53	37	49	21.91	cps
Yttrium	89-1	8464851	8559882	8365363	8463365	1.15	cps
Yttrium	89-2	298095	308180	312186	306154	2.37	cps
Zinc	66-2	27421	27618	26496	27178	2.20	cps
Zirconium	90-1	2717	2600	2934	2750	6.15	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-04	Instrumnet Name :	P8
Client Sample ID :	MH0CH5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:05:58	DataFile Name :	050SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	708	650	492	617	18.19	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-05	Instrumnet Name :	P8
Client Sample ID :	MH0CH6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:09:06	DataFile Name :	051SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7236	7561	7527	7441	2.40	cps
Antimony	121-1	1892	1975	2125	1997	5.92	cps
Arsenic	75-2	113	144	117	125	13.80	cps
Barium	135-1	102537	101260	101120	101639	0.77	cps
Barium	137-1	178936	181649	179712	180099	0.78	cps
Beryllium	9-1	989	995	933	972	3.48	cps
Bismuth	209-1	6267632	6258517	6258754	6261634	0.08	cps
Bismuth	209-2	1877409	1885452	1857397	1873419	0.77	cps
Boron	11-1	4126	4226	4142	4165	1.29	cps
Boron	10-1	983	1025	842	950	10.12	cps
Cadmium	106-1	1684	1709	1625	1672	2.56	cps
Cadmium	108-1	58	50	50	53	9.11	cps
Cadmium	111-1	1708	1786	1698	1731	2.77	cps
Calcium	43-1	148141	146196	147719	147352	0.69	cps
Calcium	44-1	2527890	2524861	2498621	2517124	0.64	cps
Chromium	52-2	733	757	640	710	8.69	cps
Cobalt	59-2	1994	1930	1867	1930	3.28	cps
Copper	63-2	5555	5468	5485	5502	0.84	cps
Dysprosium	156-1	21510	20667	21285	21154	2.06	cps
Dysprosium	156-2	5578	5875	5831	5761	2.78	cps
Erbium	164-1	20934	20325	20867	20709	1.61	cps
Erbium	164-2	4387	4554	4744	4562	3.91	cps
Gadolinium	160-1	22086	23246	23263	22865	2.95	cps
Gadolinium	160-2	6955	7125	7012	7031	1.23	cps
Holmium	165-1	9924234	9945189	9894164	9921196	0.26	cps
Holmium	165-2	2321780	2308111	2310643	2313511	0.31	cps
Indium	115-1	8234853	8106242	8046827	8129307	1.18	cps
Indium	115-2	408473	405256	401671	405133	0.84	cps
Iron	56-2	580630	582542	578305	580493	0.37	cps
Iron	57-2	14508	15008	14831	14782	1.72	cps
Lead	206-1	25576	25621	24647	25281	2.18	cps
Lead	207-1	22353	21508	21808	21890	1.96	cps
Lead	208-1	101108	99559	99800	100156	0.83	cps
Lithium	6-1	1136030	1112177	1129893	1126033	1.10	cps
Magnesium	24-2	72887	72753	72050	72564	0.62	cps
Manganese	55-2	44571	44882	44655	44703	0.36	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-05	Instrumnet Name :	P8
Client Sample ID :	MH0CH6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:09:06	DataFile Name :	051SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	175	142	125	147	17.29	cps
Molybdenum	94-1	1100	1075	1100	1092	1.32	cps
Molybdenum	95-1	50	42	117	69	59.19	cps
Molybdenum	96-1	375	342	292	336	12.48	cps
Molybdenum	97-1	50	108	67	75	40.06	cps
Neodymium	150-1	25913	25926	25305	25715	1.38	cps
Neodymium	150-2	3937	3894	3914	3915	0.55	cps
Nickel	60-2	1057	1080	1273	1137	10.46	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	103730	102816	105065	103871	1.09	cps
Rhodium	103-1	7523425	7552787	7425091	7500434	0.89	cps
Rhodium	103-2	2258795	2214348	2214583	2229242	1.15	cps
Scandium	45-1	4363164	4315485	4290575	4323075	0.85	cps
Scandium	45-2	47323	47400	46871	47198	0.60	cps
Selenium	77-2	27	27	3	19	71.34	cps
Selenium	78-2	6	17	20	14	54.28	cps
Selenium	82-1	-24	-74	-12	-37	-88.60	cps
Silicon	28-1	29721462	29132884	29541284	29465210	1.02	cps
Silver	109-1	900	983	1058	981	8.08	cps
Silver	107-1	975	1383	1183	1181	17.30	cps
Sodium	23-2	156299	154791	157141	156077	0.76	cps
Strontium	86-1	151800	151406	151430	151546	0.15	cps
Strontium	88-1	1310770	1300956	1300349	1304025	0.45	cps
Sulfur	34-1	580818	577342	571776	576645	0.79	cps
Terbium	159-1	10271541	10272110	10257631	10267094	0.08	cps
Terbium	159-2	2275845	2264606	2229472	2256641	1.07	cps
Thallium	203-1	1375	1517	1450	1447	4.90	cps
Thallium	205-1	3692	3426	3376	3498	4.87	cps
Tin	118-1	1200	1058	1100	1120	6.50	cps
Titanium	47-1	550	417	542	503	14.86	cps
Uranium	238-1	35126	35226	34641	34998	0.89	cps
Vanadium	51-2	87	63	60	70	20.76	cps
Yttrium	89-1	8634467	8448069	8513121	8531885	1.11	cps
Yttrium	89-2	320537	316555	315126	317406	0.88	cps
Zinc	66-2	23857	23677	23307	23614	1.19	cps
Zirconium	90-1	2759	2650	2792	2734	2.71	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-05	Instrumnet Name :	P8
Client Sample ID :	MH0CH6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:09:06	DataFile Name :	051SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	942	775	800	16.38	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-06 Instrumnet Name : P8
 Client Sample ID : MH0CH8 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:12:12 DataFile Name : 052SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5118	5668	5426	5404	5.10	cps
Antimony	121-1	1767	2100	2092	1986	9.57	cps
Arsenic	75-2	91	93	87	90	3.14	cps
Barium	135-1	97046	98162	97215	97474	0.62	cps
Barium	137-1	172689	171540	170411	171546	0.66	cps
Beryllium	9-1	1078	1217	1161	1152	6.07	cps
Bismuth	209-1	6317533	6288908	6213404	6273282	0.86	cps
Bismuth	209-2	1891359	1869398	1857694	1872817	0.91	cps
Boron	11-1	4142	4376	4042	4187	4.09	cps
Boron	10-1	1050	875	825	917	12.89	cps
Cadmium	106-1	1400	1350	1375	1375	1.82	cps
Cadmium	108-1	75	75	63	71	10.19	cps
Cadmium	111-1	1603	1563	1540	1569	2.03	cps
Calcium	43-1	144175	143678	144401	144085	0.26	cps
Calcium	44-1	2414918	2396623	2406871	2406137	0.38	cps
Chromium	52-2	783	813	800	799	1.88	cps
Cobalt	59-2	2680	2937	2790	2803	4.60	cps
Copper	63-2	7445	7139	6992	7192	3.22	cps
Dysprosium	156-1	18906	18514	18789	18736	1.08	cps
Dysprosium	156-2	4921	4958	4931	4937	0.38	cps
Erbium	164-1	18330	17345	17054	17576	3.81	cps
Erbium	164-2	3784	3807	3847	3813	0.84	cps
Gadolinium	160-1	19549	20016	19515	19693	1.42	cps
Gadolinium	160-2	5951	5648	6028	5876	3.42	cps
Holmium	165-1	9969501	9952433	9841421	9921118	0.70	cps
Holmium	165-2	2338507	2313049	2290711	2314089	1.03	cps
Indium	115-1	8188243	8014325	8026269	8076279	1.20	cps
Indium	115-2	407117	407586	404263	406322	0.44	cps
Iron	56-2	195125	192213	191323	192887	1.03	cps
Iron	57-2	4890	4912	4779	4860	1.47	cps
Lead	206-1	13663	13902	14053	13873	1.42	cps
Lead	207-1	11606	11906	12106	11873	2.12	cps
Lead	208-1	53585	54686	55170	54480	1.49	cps
Lithium	6-1	1125403	1143339	1122639	1130460	0.99	cps
Magnesium	24-2	68825	69043	67678	68515	1.07	cps
Manganese	55-2	51853	51130	50411	51131	1.41	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:12:12	DataFile Name :	052SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	50	67	158	92	63.64	cps
Molybdenum	94-1	833	925	875	878	5.23	cps
Molybdenum	95-1	67	50	25	47	44.41	cps
Molybdenum	96-1	192	208	225	208	8.00	cps
Molybdenum	97-1	125	67	42	78	54.98	cps
Neodymium	150-1	21779	21772	21298	21616	1.28	cps
Neodymium	150-2	3284	3144	3250	3226	2.27	cps
Nickel	60-2	1167	1227	1153	1182	3.30	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	107769	104611	103572	105317	2.08	cps
Rhodium	103-1	7516769	7523862	7466576	7502403	0.42	cps
Rhodium	103-2	2249221	2254762	2239133	2247706	0.35	cps
Scandium	45-1	4297800	4317959	4254966	4290242	0.75	cps
Scandium	45-2	46734	47975	46959	47223	1.40	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	11	13	7	10	26.93	cps
Selenium	82-1	-85	-10	-35	-43	-89.19	cps
Silicon	28-1	31155783	31085461	30770614	31003953	0.66	cps
Silver	109-1	758	1042	925	908	15.68	cps
Silver	107-1	950	925	1167	1014	13.11	cps
Sodium	23-2	160267	160210	159930	160136	0.11	cps
Strontium	86-1	144568	143370	142091	143343	0.86	cps
Strontium	88-1	1258570	1241385	1232940	1244298	1.05	cps
Sulfur	34-1	549768	548568	547342	548559	0.22	cps
Terbium	159-1	10383491	10379784	10086901	10283392	1.65	cps
Terbium	159-2	2288466	2247348	2249394	2261736	1.02	cps
Thallium	203-1	1534	1834	1584	1650	9.74	cps
Thallium	205-1	3901	3601	3826	3776	4.14	cps
Tin	118-1	1083	883	792	920	16.22	cps
Titanium	47-1	383	367	400	383	4.35	cps
Uranium	238-1	31667	31792	32092	31850	0.69	cps
Vanadium	51-2	50	43	43	46	8.45	cps
Yttrium	89-1	8500885	8479331	8365294	8448503	0.86	cps
Yttrium	89-2	319465	315777	311809	315683	1.21	cps
Zinc	66-2	23333	23200	22909	23147	0.94	cps
Zirconium	90-1	2092	2025	2259	2125	5.66	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:12:12	DataFile Name :	052SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	500	433	428	17.57	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-07 Instrumnet Name : P8
 Client Sample ID : MH0CJ0 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:15:20 DataFile Name : 053SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4034	4143	3942	4040	2.48	cps
Antimony	121-1	2167	2217	2292	2225	2.83	cps
Arsenic	75-2	52	46	54	51	7.61	cps
Barium	135-1	92204	92170	92707	92360	0.33	cps
Barium	137-1	161586	160816	161676	161359	0.29	cps
Beryllium	9-1	1267	1433	1406	1369	6.53	cps
Bismuth	209-1	6280492	6298936	6241982	6273803	0.46	cps
Bismuth	209-2	1869783	1902315	1868831	1880310	1.01	cps
Boron	11-1	4226	3851	3684	3920	7.08	cps
Boron	10-1	842	1033	917	931	10.38	cps
Cadmium	106-1	1425	1609	1492	1508	6.15	cps
Cadmium	108-1	50	71	54	58	18.90	cps
Cadmium	111-1	1950	1810	1952	1904	4.29	cps
Calcium	43-1	147533	144539	145026	145699	1.10	cps
Calcium	44-1	2486094	2483859	2457252	2475735	0.65	cps
Chromium	52-2	753	833	773	787	5.29	cps
Cobalt	59-2	4467	4387	4434	4430	0.91	cps
Copper	63-2	7359	7195	7119	7224	1.70	cps
Dysprosium	156-1	13833	13758	13816	13802	0.29	cps
Dysprosium	156-2	3657	3767	3691	3705	1.52	cps
Erbium	164-1	14183	14008	13599	13930	2.15	cps
Erbium	164-2	3180	2937	2980	3033	4.28	cps
Gadolinium	160-1	14250	14509	14233	14331	1.08	cps
Gadolinium	160-2	4421	4404	4131	4319	3.77	cps
Holmium	165-1	9944292	9856673	9717263	9839409	1.16	cps
Holmium	165-2	2333650	2312558	2298644	2314951	0.76	cps
Indium	115-1	8106955	8127601	8022457	8085671	0.69	cps
Indium	115-2	408078	409032	402819	406643	0.82	cps
Iron	56-2	75778	75633	76655	76022	0.73	cps
Iron	57-2	1850	1889	1800	1846	2.41	cps
Lead	206-1	6202	6230	6724	6385	4.60	cps
Lead	207-1	5485	5957	5451	5631	5.02	cps
Lead	208-1	25122	25750	25561	25477	1.27	cps
Lithium	6-1	1127040	1116728	1109947	1117905	0.77	cps
Magnesium	24-2	72971	73155	72126	72751	0.75	cps
Manganese	55-2	65061	65252	65797	65370	0.58	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-07	Instrumnet Name :	P8
Client Sample ID :	MH0CJ0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:15:20	DataFile Name :	053SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	92	142	67	100	38.19	cps
Molybdenum	94-1	767	833	817	806	4.31	cps
Molybdenum	95-1	58	83	50	64	27.15	cps
Molybdenum	96-1	217	217	200	211	4.56	cps
Molybdenum	97-1	83	100	50	78	32.73	cps
Neodymium	150-1	14895	15022	14936	14951	0.43	cps
Neodymium	150-2	2280	2240	2250	2257	0.92	cps
Nickel	60-2	1783	1817	1890	1830	2.98	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	97603	98620	96328	97517	1.18	cps
Rhodium	103-1	7443599	7470180	7379710	7431163	0.63	cps
Rhodium	103-2	2265467	2250223	2226866	2247519	0.87	cps
Scandium	45-1	4302808	4246180	4335772	4294920	1.06	cps
Scandium	45-2	47015	46788	46741	46848	0.31	cps
Selenium	77-2	23	13	3	13	75.02	cps
Selenium	78-2	4	9	11	8	48.07	cps
Selenium	82-1	11	-1	-46	-12	-250.05	cps
Silicon	28-1	32083325	31902830	31826646	31937600	0.41	cps
Silver	109-1	892	1017	908	939	7.23	cps
Silver	107-1	1025	1058	1075	1053	2.42	cps
Sodium	23-2	181821	186717	182439	183659	1.45	cps
Strontium	86-1	146292	145139	143488	144973	0.97	cps
Strontium	88-1	1255079	1250756	1241837	1249224	0.54	cps
Sulfur	34-1	546155	541667	547866	545229	0.59	cps
Terbium	159-1	10241479	10251135	10027444	10173352	1.24	cps
Terbium	159-2	2274643	2250852	2231463	2252320	0.96	cps
Thallium	203-1	1258	1183	1108	1183	6.34	cps
Thallium	205-1	2734	3101	2850	2895	6.47	cps
Tin	118-1	1192	1133	1083	1136	4.77	cps
Titanium	47-1	483	483	450	472	4.08	cps
Uranium	238-1	17254	18047	17296	17532	2.55	cps
Vanadium	51-2	57	37	40	44	24.11	cps
Yttrium	89-1	8474334	8416708	8394097	8428380	0.49	cps
Yttrium	89-2	316031	317710	309418	314386	1.39	cps
Zinc	66-2	28065	27908	26983	27652	2.11	cps
Zirconium	90-1	2084	2409	2192	2228	7.43	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-07	Instrumnet Name :	P8
Client Sample ID :	MH0CJ0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:15:20	DataFile Name :	053SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	458	475	431	14.66	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-08 Instrumnet Name : P8
 Client Sample ID : MH0CJ2 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:18:28 DataFile Name : 054SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2509	2675	2167	2450	10.58	cps
Antimony	121-1	2192	2525	2334	2350	7.12	cps
Arsenic	75-2	78	74	102	85	17.83	cps
Barium	135-1	86399	89049	86071	87173	1.87	cps
Barium	137-1	152109	156390	150693	153064	1.94	cps
Beryllium	9-1	1239	1256	1306	1267	2.74	cps
Bismuth	209-1	5947918	6143281	5969526	6020242	1.78	cps
Bismuth	209-2	1855484	1885484	1851028	1863999	1.01	cps
Boron	11-1	4034	3701	3684	3806	5.19	cps
Boron	10-1	850	908	983	914	7.31	cps
Cadmium	106-1	1467	1483	1217	1389	10.76	cps
Cadmium	108-1	71	88	63	74	17.29	cps
Cadmium	111-1	1806	1836	1700	1781	4.02	cps
Calcium	43-1	147392	151845	145255	148164	2.27	cps
Calcium	44-1	2503946	2525211	2455178	2494778	1.44	cps
Chromium	52-2	753	730	723	736	2.14	cps
Cobalt	59-2	4291	4441	4671	4467	4.29	cps
Copper	63-2	7312	7082	7055	7150	1.97	cps
Dysprosium	156-1	10922	11038	10947	10969	0.56	cps
Dysprosium	156-2	3064	3044	2994	3034	1.19	cps
Erbium	164-1	11005	10955	11089	11016	0.61	cps
Erbium	164-2	2597	2550	2464	2537	2.67	cps
Gadolinium	160-1	11964	11747	11447	11720	2.22	cps
Gadolinium	160-2	3681	3757	3671	3703	1.28	cps
Holmium	165-1	9623995	9746115	9431123	9600411	1.65	cps
Holmium	165-2	2282243	2301629	2265991	2283288	0.78	cps
Indium	115-1	7794194	7938025	7675777	7802666	1.68	cps
Indium	115-2	402111	402115	401740	401989	0.05	cps
Iron	56-2	160439	159501	157742	159227	0.86	cps
Iron	57-2	4078	4184	3562	3941	8.45	cps
Lead	206-1	4562	4896	4262	4573	6.93	cps
Lead	207-1	3756	3879	3734	3790	2.05	cps
Lead	208-1	17516	18333	17589	17813	2.54	cps
Lithium	6-1	1078766	1124227	1071880	1091625	2.61	cps
Magnesium	24-2	78391	78233	77604	78076	0.53	cps
Manganese	55-2	77390	76250	74544	76061	1.88	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-08	Instrumnet Name :	P8
Client Sample ID :	MH0CJ2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:18:28	DataFile Name :	054SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	150	125	75	117	32.74	cps
Molybdenum	94-1	642	733	700	692	6.71	cps
Molybdenum	95-1	58	42	42	47	20.38	cps
Molybdenum	96-1	292	200	175	222	27.64	cps
Molybdenum	97-1	67	108	67	81	29.86	cps
Neodymium	150-1	11919	12560	12113	12197	2.69	cps
Neodymium	150-2	1830	1910	1897	1879	2.28	cps
Nickel	60-2	2114	2064	2107	2095	1.30	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	97488	98895	95012	97132	2.02	cps
Rhodium	103-1	7256191	7394812	7176407	7275803	1.52	cps
Rhodium	103-2	2216992	2210446	2180982	2202806	0.87	cps
Scandium	45-1	4168761	4213003	4133870	4171878	0.95	cps
Scandium	45-2	46203	47283	45992	46492	1.49	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	11	4	19	11	66.70	cps
Selenium	82-1	-7	-60	-38	-35	-76.87	cps
Silicon	28-1	30827551	31377242	30198325	30801039	1.92	cps
Silver	109-1	883	950	1058	964	9.16	cps
Silver	107-1	1075	967	1033	1025	5.33	cps
Sodium	23-2	188399	185359	187326	187028	0.82	cps
Strontium	86-1	147464	149443	144087	146998	1.84	cps
Strontium	88-1	1256471	1297870	1237136	1263826	2.46	cps
Sulfur	34-1	528555	537582	521404	529181	1.53	cps
Terbium	159-1	9909271	10210837	9790793	9970300	2.17	cps
Terbium	159-2	2253973	2208585	2216305	2226288	1.09	cps
Thallium	203-1	1142	1125	917	1061	11.82	cps
Thallium	205-1	2475	2434	2317	2409	3.41	cps
Tin	118-1	1033	933	842	936	10.24	cps
Titanium	47-1	325	433	433	397	15.75	cps
Uranium	238-1	12373	12298	12390	12354	0.40	cps
Vanadium	51-2	57	37	60	51	24.69	cps
Yttrium	89-1	8098345	8412937	8072089	8194457	2.31	cps
Yttrium	89-2	310970	308713	309128	309604	0.39	cps
Zinc	66-2	25701	25524	26041	25755	1.02	cps
Zirconium	90-1	2017	2034	1867	1972	4.66	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-08	Instrumnet Name :	P8
Client Sample ID :	MH0CJ2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:18:28	DataFile Name :	054SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	417	442	400	13.01	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:21:34	DataFile Name :	055SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	950	925	1033	970	5.85	cps
Antimony	121-1	2467	2567	2425	2486	2.93	cps
Arsenic	75-2	169	176	169	171	2.50	cps
Barium	135-1	62607	60205	59777	60863	2.51	cps
Barium	137-1	107048	107040	105443	106510	0.87	cps
Beryllium	9-1	444	528	578	517	13.04	cps
Bismuth	209-1	6174715	6090072	6174028	6146272	0.79	cps
Bismuth	209-2	1865390	1848893	1859009	1857764	0.45	cps
Boron	11-1	3776	3651	3609	3678	2.36	cps
Boron	10-1	825	667	842	778	12.42	cps
Cadmium	106-1	1317	1392	1467	1392	5.39	cps
Cadmium	108-1	25	67	58	50	44.10	cps
Cadmium	111-1	1375	1332	1436	1381	3.79	cps
Calcium	43-1	170561	170751	168871	170061	0.61	cps
Calcium	44-1	2870638	2818056	2808260	2832318	1.18	cps
Chromium	52-2	4804	4387	4668	4620	4.60	cps
Cobalt	59-2	1333	1307	1330	1323	1.10	cps
Copper	63-2	3517	3434	3491	3480	1.22	cps
Dysprosium	156-1	3667	3467	3426	3520	3.67	cps
Dysprosium	156-2	853	910	1070	945	11.90	cps
Erbium	164-1	4774	3609	3384	3922	19.02	cps
Erbium	164-2	870	780	787	812	6.17	cps
Gadolinium	160-1	3834	3892	3859	3862	0.76	cps
Gadolinium	160-2	1037	1157	1240	1145	8.93	cps
Holmium	165-1	9843903	9750579	9682020	9758834	0.83	cps
Holmium	165-2	2304874	2280753	2318390	2301339	0.83	cps
Indium	115-1	8040506	7975172	7926200	7980626	0.72	cps
Indium	115-2	406978	403972	403932	404961	0.43	cps
Iron	56-2	348205	345401	347728	347111	0.43	cps
Iron	57-2	9203	8786	8820	8936	2.59	cps
Lead	206-1	4545	4456	4479	4494	1.03	cps
Lead	207-1	3828	3806	3929	3854	1.69	cps
Lead	208-1	17983	17867	17511	17787	1.38	cps
Lithium	6-1	1115171	1119990	1114653	1116605	0.26	cps
Magnesium	24-2	100706	99899	99977	100194	0.44	cps
Manganese	55-2	21420	20986	21530	21312	1.35	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:21:34	DataFile Name :	055SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	583	575	483	547	10.14	cps
Molybdenum	94-1	1000	1258	1042	1100	12.61	cps
Molybdenum	95-1	308	317	317	314	1.53	cps
Molybdenum	96-1	517	558	608	561	8.18	cps
Molybdenum	97-1	308	267	258	278	9.64	cps
Neodymium	150-1	3881	3554	3507	3647	5.58	cps
Neodymium	150-2	600	563	620	594	4.83	cps
Nickel	60-2	2320	2284	2254	2286	1.46	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	84386	82466	81712	82855	1.66	cps
Rhodium	103-1	7406551	7372117	7393448	7390705	0.24	cps
Rhodium	103-2	2241264	2218867	2169156	2209762	1.67	cps
Scandium	45-1	4288519	4282095	4294123	4288246	0.14	cps
Scandium	45-2	46922	46490	46778	46730	0.47	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	6	2	11	6	75.49	cps
Selenium	82-1	63	-37	49	25	215.67	cps
Silicon	28-1	23961608	23609324	23852513	23807815	0.76	cps
Silver	109-1	1042	1042	942	1008	5.73	cps
Silver	107-1	1083	1133	1142	1120	2.82	cps
Sodium	23-2	200011	200206	200290	200169	0.07	cps
Strontium	86-1	187435	183265	183299	184667	1.30	cps
Strontium	88-1	1662312	1620885	1628940	1637379	1.34	cps
Sulfur	34-1	511204	507265	507100	508523	0.46	cps
Terbium	159-1	10137982	10249156	10069951	10152363	0.89	cps
Terbium	159-2	2243421	2240303	2241951	2241892	0.07	cps
Thallium	203-1	383	450	492	442	12.37	cps
Thallium	205-1	1158	1117	983	1086	8.42	cps
Tin	118-1	1025	1008	1050	1028	2.04	cps
Titanium	47-1	883	908	725	839	11.85	cps
Uranium	238-1	7011	7161	8274	7482	9.23	cps
Vanadium	51-2	90	87	147	108	31.29	cps
Yttrium	89-1	8218535	8163867	8152669	8178357	0.43	cps
Yttrium	89-2	308612	305053	303087	305584	0.92	cps
Zinc	66-2	16760	17087	16357	16735	2.19	cps
Zirconium	90-1	2859	2650	2800	2770	3.88	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:21:34	DataFile Name :	055SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	433	608	561	19.94	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-10 Instrumnet Name : P8
 Client Sample ID : MH0CJ4D Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:24:41 DataFile Name : 056SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700	808	808	772	8.10	cps
Antimony	121-1	2342	2142	2759	2414	13.03	cps
Arsenic	75-2	157	159	139	152	7.42	cps
Barium	135-1	62440	62783	60012	61745	2.45	cps
Barium	137-1	106805	105596	107393	106598	0.86	cps
Beryllium	9-1	572	667	628	622	7.63	cps
Bismuth	209-1	6261136	6198516	6138267	6199307	0.99	cps
Bismuth	209-2	1828113	1850446	1840874	1839811	0.61	cps
Boron	11-1	3517	3767	3559	3615	3.71	cps
Boron	10-1	850	775	992	872	12.62	cps
Cadmium	106-1	1275	1592	1533	1467	11.49	cps
Cadmium	108-1	58	38	38	44	27.06	cps
Cadmium	111-1	1260	1509	1506	1425	10.01	cps
Calcium	43-1	170507	170988	171385	170960	0.26	cps
Calcium	44-1	2822544	2867865	2899813	2863407	1.36	cps
Chromium	52-2	4274	4584	4367	4409	3.61	cps
Cobalt	59-2	1267	1403	1293	1321	5.48	cps
Copper	63-2	3607	3734	3501	3614	3.23	cps
Dysprosium	156-1	3584	3576	3451	3537	2.11	cps
Dysprosium	156-2	987	940	903	943	4.43	cps
Erbium	164-1	3609	3551	3701	3620	2.09	cps
Erbium	164-2	837	897	833	856	4.17	cps
Gadolinium	160-1	3692	4218	3884	3931	6.76	cps
Gadolinium	160-2	1290	1247	1123	1220	7.09	cps
Holmium	165-1	9894408	9859796	9790717	9848307	0.54	cps
Holmium	165-2	2316347	2301127	2315301	2310925	0.37	cps
Indium	115-1	8125997	8026041	7994416	8048818	0.85	cps
Indium	115-2	404930	405883	401320	404044	0.60	cps
Iron	56-2	352026	351586	352963	352192	0.20	cps
Iron	57-2	8948	9175	8742	8955	2.42	cps
Lead	206-1	4890	4762	4840	4831	1.33	cps
Lead	207-1	4095	4284	3879	4086	4.97	cps
Lead	208-1	18884	19106	18500	18830	1.63	cps
Lithium	6-1	1131342	1109488	1104389	1115073	1.28	cps
Magnesium	24-2	101276	100446	101569	101097	0.58	cps
Manganese	55-2	21847	22041	22268	22052	0.95	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:24:41	DataFile Name :	056SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	675	567	558	600	10.85	cps
Molybdenum	94-1	1133	1250	917	1100	15.38	cps
Molybdenum	95-1	208	317	383	303	29.17	cps
Molybdenum	96-1	583	467	483	511	12.35	cps
Molybdenum	97-1	325	258	217	267	20.49	cps
Neodymium	150-1	3854	3674	3507	3678	4.71	cps
Neodymium	150-2	490	570	537	532	7.55	cps
Nickel	60-2	2417	2427	2504	2449	1.94	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	82257	83255	83044	82852	0.63	cps
Rhodium	103-1	7457765	7546298	7456473	7486845	0.69	cps
Rhodium	103-2	2246833	2227602	2207460	2227299	0.88	cps
Scandium	45-1	4285601	4345795	4291735	4307710	0.77	cps
Scandium	45-2	46905	47534	46818	47086	0.83	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	9	6	2	6	66.68	cps
Selenium	82-1	-23	-59	-85	-56	-55.44	cps
Silicon	28-1	24116987	24376989	24258636	24250871	0.54	cps
Silver	109-1	883	933	967	928	4.52	cps
Silver	107-1	925	1008	1017	983	5.16	cps
Sodium	23-2	204465	205141	203002	204203	0.54	cps
Strontium	86-1	188452	186618	185909	186993	0.70	cps
Strontium	88-1	1658966	1673533	1642413	1658304	0.94	cps
Sulfur	34-1	516499	516953	516850	516767	0.05	cps
Terbium	159-1	10296956	10252436	10181715	10243702	0.57	cps
Terbium	159-2	2245009	2206253	2210301	2220521	0.96	cps
Thallium	203-1	483	458	333	425	18.91	cps
Thallium	205-1	992	983	1000	992	0.84	cps
Tin	118-1	2600	3026	3217	2948	10.71	cps
Titanium	47-1	858	967	875	900	6.48	cps
Uranium	238-1	7311	7177	7528	7339	2.41	cps
Vanadium	51-2	113	103	133	117	13.09	cps
Yttrium	89-1	8208620	8336892	8199568	8248360	0.93	cps
Yttrium	89-2	307236	304921	306294	306150	0.38	cps
Zinc	66-2	16901	16907	16573	16794	1.14	cps
Zirconium	90-1	2609	2484	2750	2614	5.10	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:24:41	DataFile Name :	056SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	625	467	592	18.95	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 17:27:47	DataFile Name :	057SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	200	125	172	23.87	cps
Antimony	121-1	367	292	300	319	12.87	cps
Arsenic	75-2	41	26	37	35	22.30	cps
Barium	135-1	11581	11330	11272	11394	1.44	cps
Barium	137-1	20542	19757	20008	20102	1.99	cps
Beryllium	9-1	233	122	250	202	34.41	cps
Bismuth	209-1	5965022	6036117	5872865	5958001	1.37	cps
Bismuth	209-2	1811987	1808308	1783839	1801378	0.85	cps
Boron	11-1	2009	1842	1909	1920	4.37	cps
Boron	10-1	342	500	600	481	27.11	cps
Cadmium	106-1	1433	1150	1375	1320	11.34	cps
Cadmium	108-1	17	29	8	18	58.09	cps
Cadmium	111-1	1075	868	1032	992	11.02	cps
Calcium	43-1	32823	33692	32689	33068	1.65	cps
Calcium	44-1	543268	543102	541089	542486	0.22	cps
Chromium	52-2	1663	1547	1597	1602	3.65	cps
Cobalt	59-2	223	263	247	244	8.22	cps
Copper	63-2	1170	1080	1047	1099	5.81	cps
Dysprosium	156-1	625	717	600	647	9.49	cps
Dysprosium	156-2	180	133	177	163	15.94	cps
Erbium	164-1	750	867	683	767	12.10	cps
Erbium	164-2	187	153	140	160	15.02	cps
Gadolinium	160-1	775	950	725	817	14.47	cps
Gadolinium	160-2	173	197	227	199	13.44	cps
Holmium	165-1	9437048	9462611	9421365	9440341	0.22	cps
Holmium	165-2	2253114	2243430	2199665	2232069	1.28	cps
Indium	115-1	7698323	7690640	7748704	7712556	0.41	cps
Indium	115-2	390500	393278	390224	391334	0.43	cps
Iron	56-2	66313	65961	64811	65695	1.20	cps
Iron	57-2	1784	1589	1545	1639	7.75	cps
Lead	206-1	1295	1111	1178	1195	7.77	cps
Lead	207-1	967	1022	1117	1035	7.33	cps
Lead	208-1	4712	4812	4706	4743	1.25	cps
Lithium	6-1	1080244	1072643	1072449	1075112	0.41	cps
Magnesium	24-2	18621	19214	18179	18671	2.78	cps
Manganese	55-2	3977	4117	4114	4070	1.96	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 17:27:47	DataFile Name :	057SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	167	167	192	175	8.25	cps
Molybdenum	94-1	325	517	342	394	26.92	cps
Molybdenum	95-1	142	92	108	114	22.35	cps
Molybdenum	96-1	150	217	150	172	22.35	cps
Molybdenum	97-1	100	108	92	100	8.33	cps
Neodymium	150-1	707	780	580	689	14.69	cps
Neodymium	150-2	147	107	103	119	20.28	cps
Nickel	60-2	580	483	480	514	11.04	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	18054	19331	17169	18185	5.98	cps
Rhodium	103-1	7224756	7169678	7189853	7194762	0.39	cps
Rhodium	103-2	2155581	2155684	2140676	2150647	0.40	cps
Scandium	45-1	4156281	4144713	4140686	4147226	0.20	cps
Scandium	45-2	45303	45353	45296	45317	0.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-54	-142	-59	-85	-58.48	cps
Silicon	28-1	4737184	4717923	4736205	4730437	0.23	cps
Silver	109-1	425	375	367	389	8.11	cps
Silver	107-1	433	442	542	472	12.77	cps
Sodium	23-2	42548	42673	42139	42453	0.66	cps
Strontium	86-1	35180	35422	35322	35308	0.34	cps
Strontium	88-1	299487	302257	296875	299540	0.90	cps
Sulfur	34-1	267928	265515	270228	267890	0.88	cps
Terbium	159-1	9936972	9896706	9660963	9831547	1.52	cps
Terbium	159-2	2210316	2177056	2156415	2181262	1.25	cps
Thallium	203-1	117	133	133	128	7.53	cps
Thallium	205-1	275	283	283	281	1.71	cps
Tin	118-1	533	575	592	567	5.30	cps
Titanium	47-1	233	308	275	272	13.80	cps
Uranium	238-1	1609	1350	1358	1439	10.20	cps
Vanadium	51-2	30	30	47	36	27.07	cps
Yttrium	89-1	7861649	7917345	7829789	7869595	0.56	cps
Yttrium	89-2	292455	294273	290769	292499	0.60	cps
Zinc	66-2	3137	3120	2994	3084	2.54	cps
Zirconium	90-1	1025	933	950	970	5.04	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 17:27:47	DataFile Name :	057SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	183	250	189	30.99	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-11	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:30:55	DataFile Name :	058SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15617	15718	15376	15570	1.13	cps
Antimony	121-1	941741	939015	947280	942678	0.45	cps
Arsenic	75-2	5288	5371	5166	5275	1.96	cps
Barium	135-1	4033948	3970858	4025695	4010167	0.86	cps
Barium	137-1	6911647	6830693	6835091	6859144	0.66	cps
Beryllium	9-1	59373	59328	58804	59168	0.53	cps
Bismuth	209-1	6086386	6084573	6110092	6093684	0.23	cps
Bismuth	209-2	1863317	1832456	1761440	1819071	2.87	cps
Boron	11-1	3526	3517	3409	3484	1.87	cps
Boron	10-1	775	525	767	689	20.61	cps
Cadmium	106-1	10446	10638	10329	10471	1.49	cps
Cadmium	108-1	6527	6610	6785	6641	1.99	cps
Cadmium	111-1	103014	102191	102507	102571	0.40	cps
Calcium	43-1	171158	169545	171053	170586	0.53	cps
Calcium	44-1	2885255	2857079	2850619	2864318	0.64	cps
Chromium	52-2	210552	212781	211025	211452	0.56	cps
Cobalt	59-2	1130432	1138819	1122550	1130600	0.72	cps
Copper	63-2	494780	496397	491348	494175	0.52	cps
Dysprosium	156-1	3301	3259	3401	3320	2.19	cps
Dysprosium	156-2	1013	990	907	970	5.78	cps
Erbium	164-1	3709	3676	3551	3645	2.29	cps
Erbium	164-2	840	733	817	797	7.04	cps
Gadolinium	160-1	3767	3642	3776	3728	2.00	cps
Gadolinium	160-2	1117	1017	1167	1100	6.94	cps
Holmium	165-1	9746791	9826348	9784293	9785811	0.41	cps
Holmium	165-2	2302477	2324882	2225313	2284224	2.29	cps
Indium	115-1	7908435	7837327	7888722	7878161	0.47	cps
Indium	115-2	404744	403302	394775	400940	1.34	cps
Iron	56-2	1049494	1048051	1038384	1045310	0.58	cps
Iron	57-2	25624	26130	26008	25921	1.02	cps
Lead	206-1	118442	114215	115845	116168	1.84	cps
Lead	207-1	105373	104135	105491	105000	0.72	cps
Lead	208-1	478429	469194	471773	473132	1.01	cps
Lithium	6-1	1099494	1110246	1104326	1104689	0.49	cps
Magnesium	24-2	101485	100085	100830	100800	0.70	cps
Manganese	55-2	170692	170900	170500	170697	0.12	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-11	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:30:55	DataFile Name :	058SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	442	542	392	458	16.66	cps
Molybdenum	94-1	1050	1142	992	1061	7.13	cps
Molybdenum	95-1	217	300	250	256	16.41	cps
Molybdenum	96-1	367	333	425	375	12.37	cps
Molybdenum	97-1	192	208	108	169	31.62	cps
Neodymium	150-1	3761	3994	3827	3861	3.11	cps
Neodymium	150-2	557	590	490	546	9.33	cps
Nickel	60-2	333144	331065	327248	330486	0.90	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	83464	83681	83800	83648	0.20	cps
Rhodium	103-1	7414915	7353098	7279824	7349279	0.92	cps
Rhodium	103-2	2233583	2214981	2152362	2200309	1.93	cps
Scandium	45-1	4220194	4220177	4181618	4207330	0.53	cps
Scandium	45-2	45989	46624	45089	45900	1.68	cps
Selenium	77-2	73	97	103	91	17.29	cps
Selenium	78-2	333	344	322	333	3.33	cps
Selenium	82-1	12102	12274	12089	12155	0.85	cps
Silicon	28-1	24417886	24051476	24178489	24215950	0.77	cps
Silver	109-1	435540	436736	434082	435452	0.31	cps
Silver	107-1	457943	452034	456346	455441	0.67	cps
Sodium	23-2	203096	203841	203916	203618	0.22	cps
Strontium	86-1	185957	186973	188441	187123	0.67	cps
Strontium	88-1	1652274	1646252	1642699	1647075	0.29	cps
Sulfur	34-1	516225	510986	508909	512040	0.74	cps
Terbium	159-1	10224233	10059529	10026175	10103312	1.05	cps
Terbium	159-2	2245865	2213656	2153081	2204201	2.14	cps
Thallium	203-1	344635	350473	350719	348609	0.99	cps
Thallium	205-1	840346	833956	830423	834908	0.60	cps
Tin	118-1	1342	1158	1425	1308	10.43	cps
Titanium	47-1	783	567	917	756	23.38	cps
Uranium	238-1	7611	6869	7444	7308	5.33	cps
Vanadium	51-2	397509	394376	391799	394561	0.72	cps
Yttrium	89-1	8121633	8117586	8104527	8114582	0.11	cps
Yttrium	89-2	306677	305151	296685	302838	1.78	cps
Zinc	66-2	104597	106341	104564	105167	0.97	cps
Zirconium	90-1	2459	3319	2592	2790	16.60	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-11	Instrumnet Name :	P8
Client Sample ID :	MH0CJ4S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:30:55	DataFile Name :	058SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	808	633	592	678	16.96	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-12	Instrumnet Name :	P8
Client Sample ID :	MH0CJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:34:02	DataFile Name :	059SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917	1259	908	1028	19.47	cps
Antimony	121-1	2384	2509	2342	2411	3.60	cps
Arsenic	75-2	104	107	113	108	4.31	cps
Barium	135-1	194355	196090	195863	195436	0.48	cps
Barium	137-1	336662	342177	347077	341972	1.52	cps
Beryllium	9-1	578	611	700	630	10.04	cps
Bismuth	209-1	5894271	5931170	6027690	5951044	1.16	cps
Bismuth	209-2	1795832	1799806	1807417	1801018	0.33	cps
Boron	11-1	4509	4609	4418	4512	2.13	cps
Boron	10-1	908	1000	950	953	4.82	cps
Cadmium	106-1	2359	2250	2225	2278	3.11	cps
Cadmium	108-1	663	725	829	739	11.40	cps
Cadmium	111-1	10841	10592	10739	10724	1.17	cps
Calcium	43-1	461527	462123	473816	465822	1.49	cps
Calcium	44-1	7570589	7707676	7774807	7684358	1.35	cps
Chromium	52-2	647	750	710	702	7.42	cps
Cobalt	59-2	593	607	703	634	9.46	cps
Copper	63-2	5905	5184	5354	5481	6.87	cps
Dysprosium	156-1	4526	4768	5001	4765	4.99	cps
Dysprosium	156-2	1467	1420	1437	1441	1.64	cps
Erbium	164-1	4418	4568	4701	4562	3.11	cps
Erbium	164-2	950	1030	947	976	4.84	cps
Gadolinium	160-1	5585	5768	5635	5663	1.67	cps
Gadolinium	160-2	1884	1620	1767	1757	7.51	cps
Holmium	165-1	9446917	9601367	9596693	9548326	0.92	cps
Holmium	165-2	2270764	2286217	2245113	2267365	0.92	cps
Indium	115-1	7709406	7785052	7974952	7823137	1.75	cps
Indium	115-2	398409	397848	392618	396292	0.81	cps
Iron	56-2	113329	112175	111784	112429	0.71	cps
Iron	57-2	2978	2878	2845	2900	2.39	cps
Lead	206-1	17390	18636	18308	18112	3.57	cps
Lead	207-1	14865	16350	15304	15506	4.92	cps
Lead	208-1	69527	73367	71798	71564	2.70	cps
Lithium	6-1	1069310	1072240	1107684	1083078	1.97	cps
Magnesium	24-2	250189	244508	243375	246024	1.48	cps
Manganese	55-2	18589	17695	17464	17916	3.32	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-12	Instrumnet Name :	P8
Client Sample ID :	MH0CJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:34:02	DataFile Name :	059SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	83	75	175	111	49.94	cps
Molybdenum	94-1	750	1033	942	908	15.92	cps
Molybdenum	95-1	67	25	75	56	48.22	cps
Molybdenum	96-1	325	233	283	281	16.36	cps
Molybdenum	97-1	67	67	58	64	7.53	cps
Neodymium	150-1	6509	6388	6802	6566	3.24	cps
Neodymium	150-2	1047	1010	1063	1040	2.62	cps
Nickel	60-2	3754	3791	3704	3749	1.16	cps
Phosphorus	31-2	8	33	8	17	86.62	cps
Potassium	39-2	81435	81578	81193	81402	0.24	cps
Rhodium	103-1	7113694	7230516	7305197	7216469	1.34	cps
Rhodium	103-2	2206859	2175818	2173778	2185485	0.85	cps
Scandium	45-1	4139944	4155479	4282359	4192594	1.86	cps
Scandium	45-2	45621	46126	46159	45968	0.66	cps
Selenium	77-2	7	0	17	8	107.84	cps
Selenium	78-2	6	6	6	6	0.00	cps
Selenium	82-1	-16	50	-11	8	462.46	cps
Silicon	28-1	12494250	12949139	12831019	12758136	1.85	cps
Silver	109-1	2667	2500	2792	2653	5.52	cps
Silver	107-1	2684	2700	2717	2700	0.62	cps
Sodium	23-2	275905	271500	269697	272367	1.17	cps
Strontium	86-1	425430	434303	434173	431302	1.18	cps
Strontium	88-1	3749235	3774307	3803068	3775537	0.71	cps
Sulfur	34-1	1045348	916624	931845	964606	7.29	cps
Terbium	159-1	9844455	9875031	10056106	9925197	1.15	cps
Terbium	159-2	2211114	2196233	2155510	2187619	1.32	cps
Thallium	203-1	1075	1183	1083	1114	5.41	cps
Thallium	205-1	2475	2925	2742	2714	8.34	cps
Tin	118-1	825	850	758	811	5.84	cps
Titanium	47-1	975	1008	1042	1008	3.31	cps
Uranium	238-1	3217	3159	3176	3184	0.94	cps
Vanadium	51-2	87	77	100	88	13.33	cps
Yttrium	89-1	8020488	7998259	8100892	8039880	0.67	cps
Yttrium	89-2	304394	300118	298312	300941	1.04	cps
Zinc	66-2	232743	230456	230062	231087	0.63	cps
Zirconium	90-1	1992	2134	2100	2075	3.57	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-12	Instrumnet Name :	P8
Client Sample ID :	MH0CJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:34:02	DataFile Name :	059SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525	525	425	492	11.74	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-13 Instrumnet Name : P8
 Client Sample ID : MH0CJ8 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:37:08 DataFile Name : 060SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	550	775	653	17.43	cps
Antimony	121-1	2317	2450	2267	2345	4.04	cps
Arsenic	75-2	2669	2578	2656	2634	1.86	cps
Barium	135-1	30294	31622	32048	31321	2.92	cps
Barium	137-1	51301	53786	54003	53030	2.83	cps
Beryllium	9-1	217	206	161	194	15.12	cps
Bismuth	209-1	5818151	5981984	6171800	5990645	2.95	cps
Bismuth	209-2	1884566	1874219	1869233	1876006	0.42	cps
Boron	11-1	5043	5368	5351	5254	3.48	cps
Boron	10-1	1067	1150	1467	1228	17.19	cps
Cadmium	106-1	1458	1400	1542	1467	4.86	cps
Cadmium	108-1	29	29	25	28	8.67	cps
Cadmium	111-1	1051	1051	1153	1085	5.46	cps
Calcium	43-1	194078	200901	201425	198801	2.06	cps
Calcium	44-1	3197488	3327126	3370483	3298366	2.73	cps
Chromium	52-2	827	823	1003	884	11.64	cps
Cobalt	59-2	3561	3320	3477	3453	3.53	cps
Copper	63-2	3691	3761	3527	3659	3.27	cps
Dysprosium	156-1	5393	5827	5676	5632	3.91	cps
Dysprosium	156-2	1500	1623	1557	1560	3.96	cps
Erbium	164-1	5401	5777	6435	5871	8.92	cps
Erbium	164-2	1360	1340	1150	1283	9.03	cps
Gadolinium	160-1	6027	6168	7465	6553	12.09	cps
Gadolinium	160-2	1904	1944	1930	1926	1.06	cps
Holmium	165-1	9356838	9661264	9876542	9631548	2.71	cps
Holmium	165-2	2349804	2373962	2321702	2348489	1.11	cps
Indium	115-1	7560138	7816367	8021128	7799211	2.96	cps
Indium	115-2	411122	406932	405919	407991	0.68	cps
Iron	56-2	2820110	2785269	2783377	2796252	0.74	cps
Iron	57-2	69317	68390	67948	68552	1.02	cps
Lead	206-1	4573	4946	4951	4823	4.49	cps
Lead	207-1	4318	4073	4462	4284	4.59	cps
Lead	208-1	19479	19267	19779	19508	1.32	cps
Lithium	6-1	1051606	1097736	1104834	1084725	2.66	cps
Magnesium	24-2	77469	76782	75509	76587	1.30	cps
Manganese	55-2	66327	66313	65687	66109	0.55	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-13	Instrumnet Name :	P8
Client Sample ID :	MH0CJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:37:08	DataFile Name :	060SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	45452	47618	46264	46445	2.36	cps
Molybdenum	94-1	18088	18397	19675	18720	4.49	cps
Molybdenum	95-1	27612	29542	28940	28698	3.44	cps
Molybdenum	96-1	30377	31647	32858	31627	3.92	cps
Molybdenum	97-1	17036	18196	18856	18029	5.11	cps
Neodymium	150-1	5428	5688	5648	5588	2.51	cps
Neodymium	150-2	910	953	800	888	8.90	cps
Nickel	60-2	833	870	813	839	3.43	cps
Phosphorus	31-2	50	50	0	33	86.60	cps
Potassium	39-2	80657	81108	80538	80768	0.37	cps
Rhodium	103-1	7036004	7229381	7326528	7197304	2.05	cps
Rhodium	103-2	2257876	2230315	2241617	2243270	0.62	cps
Scandium	45-1	4096172	4179817	4319068	4198352	2.68	cps
Scandium	45-2	46938	47741	46644	47108	1.21	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	13	4	7	8	58.09	cps
Selenium	82-1	24	11	71	36	88.48	cps
Silicon	28-1	8398618	8626099	8872106	8632274	2.74	cps
Silver	109-1	2417	2375	2725	2506	7.63	cps
Silver	107-1	2559	2934	2792	2762	6.86	cps
Sodium	23-2	313441	316431	311588	313820	0.78	cps
Strontium	86-1	141907	149719	152165	147930	3.62	cps
Strontium	88-1	1252462	1296396	1317887	1288915	2.59	cps
Sulfur	34-1	484508	496787	506353	495883	2.21	cps
Terbium	159-1	9719809	10099904	10220679	10013464	2.61	cps
Terbium	159-2	2285425	2261585	2266625	2271212	0.55	cps
Thallium	203-1	142	217	233	197	24.76	cps
Thallium	205-1	442	400	442	428	5.62	cps
Tin	118-1	1067	842	842	917	14.17	cps
Titanium	47-1	758	1175	1042	992	21.47	cps
Uranium	238-1	15202	14659	15102	14988	1.93	cps
Vanadium	51-2	280	297	270	282	4.77	cps
Yttrium	89-1	7888846	8078447	8201126	8056139	1.95	cps
Yttrium	89-2	316152	309851	308520	311507	1.31	cps
Zinc	66-2	3027	3057	2910	2998	2.58	cps
Zirconium	90-1	7061	5896	7914	6957	14.56	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-13	Instrumnet Name :	P8
Client Sample ID :	MH0CJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:37:08	DataFile Name :	060SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2708	1300	1667	1892	38.59	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-14 Instrumnet Name : P8
 Client Sample ID : MH0CK0 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:40:14 DataFile Name : 061SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	167	192	197	17.08	cps
Antimony	121-1	2625	2667	2559	2617	2.09	cps
Arsenic	75-2	207	156	180	181	14.35	cps
Barium	135-1	38708	39619	38884	39070	1.24	cps
Barium	137-1	67966	69040	67842	68282	0.96	cps
Beryllium	9-1	256	156	172	194	27.55	cps
Bismuth	209-1	6148117	6219259	6092811	6153396	1.03	cps
Bismuth	209-2	1823856	1783496	1785336	1797563	1.27	cps
Boron	11-1	4326	4326	4026	4226	4.10	cps
Boron	10-1	892	917	967	925	4.13	cps
Cadmium	106-1	1333	1567	1242	1381	12.14	cps
Cadmium	108-1	17	0	25	14	91.65	cps
Cadmium	111-1	1051	1238	989	1093	11.88	cps
Calcium	43-1	212163	213413	211873	212483	0.39	cps
Calcium	44-1	3563011	3580897	3507818	3550575	1.07	cps
Chromium	52-2	753	627	700	693	9.17	cps
Cobalt	59-2	1073	983	967	1008	5.69	cps
Copper	63-2	2914	2777	2844	2845	2.40	cps
Dysprosium	156-1	1050	1150	1267	1156	9.38	cps
Dysprosium	156-2	277	330	290	299	9.29	cps
Erbium	164-1	1350	1383	1008	1247	16.64	cps
Erbium	164-2	227	283	217	242	14.84	cps
Gadolinium	160-1	1308	1558	1200	1356	13.56	cps
Gadolinium	160-2	347	373	343	354	4.64	cps
Holmium	165-1	9719943	9905627	9761854	9795808	0.99	cps
Holmium	165-2	2268717	2233882	2254447	2252349	0.78	cps
Indium	115-1	7961934	8097080	7911858	7990291	1.20	cps
Indium	115-2	398590	391569	391497	393885	1.03	cps
Iron	56-2	272112	274213	273818	273381	0.41	cps
Iron	57-2	6646	7397	6985	7009	5.36	cps
Lead	206-1	10644	10544	10477	10555	0.80	cps
Lead	207-1	8331	8664	8292	8429	2.43	cps
Lead	208-1	40193	40265	39458	39972	1.12	cps
Lithium	6-1	1101750	1115823	1126017	1114530	1.09	cps
Magnesium	24-2	108999	106901	107455	107785	1.01	cps
Manganese	55-2	42608	41769	41729	42036	1.18	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-14	Instrumnet Name :	P8
Client Sample ID :	MH0CK0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:40:14	DataFile Name :	061SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	8411	8553	8695	8553	1.66	cps
Molybdenum	94-1	4251	4134	4101	4162	1.89	cps
Molybdenum	95-1	5026	5185	5460	5223	4.20	cps
Molybdenum	96-1	5968	6110	5693	5924	3.58	cps
Molybdenum	97-1	3059	3184	3201	3148	2.46	cps
Neodymium	150-1	1140	1000	993	1045	7.93	cps
Neodymium	150-2	143	153	150	149	3.42	cps
Nickel	60-2	650	643	613	636	3.07	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	75126	76366	77892	76461	1.81	cps
Rhodium	103-1	7293489	7496407	7323111	7371002	1.49	cps
Rhodium	103-2	2200050	2178504	2155781	2178112	1.02	cps
Scandium	45-1	4238527	4309189	4201742	4249819	1.28	cps
Scandium	45-2	45995	45289	45025	45437	1.10	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-12	-40	21	-10	-305.75	cps
Silicon	28-1	16855859	17136438	16802238	16931512	1.06	cps
Silver	109-1	1267	883	833	995	23.84	cps
Silver	107-1	1142	858	1050	1017	14.22	cps
Sodium	23-2	277390	276988	277831	277403	0.15	cps
Strontium	86-1	225155	235031	226887	229024	2.30	cps
Strontium	88-1	2033717	2088354	2025826	2049299	1.66	cps
Sulfur	34-1	498840	504705	497212	500252	0.79	cps
Terbium	159-1	10164283	10383699	10146950	10231644	1.29	cps
Terbium	159-2	2198396	2168333	2168951	2178560	0.79	cps
Thallium	203-1	208	200	275	228	18.05	cps
Thallium	205-1	483	525	542	517	5.82	cps
Tin	118-1	1108	1125	1333	1189	10.55	cps
Titanium	47-1	417	483	400	433	10.18	cps
Uranium	238-1	5485	5343	5718	5515	3.43	cps
Vanadium	51-2	100	123	87	103	17.96	cps
Yttrium	89-1	8035341	8166581	8043580	8081834	0.91	cps
Yttrium	89-2	299933	295570	295617	297040	0.84	cps
Zinc	66-2	5254	5251	5251	5252	0.04	cps
Zirconium	90-1	4140	6466	2976	4528	39.25	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-14	Instrumnet Name :	P8
Client Sample ID :	MH0CK0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:40:14	DataFile Name :	061SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	842	858	517	739	26.07	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-15 Instrumnet Name : P8
 Client Sample ID : MH0CK2 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:43:21 DataFile Name : 062SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	333	342	356	8.87	cps
Antimony	121-1	3559	3601	4042	3734	7.18	cps
Arsenic	75-2	167	135	150	151	10.46	cps
Barium	135-1	52505	54589	53358	53484	1.96	cps
Barium	137-1	92682	92858	90803	92115	1.24	cps
Beryllium	9-1	267	361	228	285	24.04	cps
Bismuth	209-1	6419423	6447491	6327063	6397992	0.98	cps
Bismuth	209-2	1931373	1869126	1739618	1846705	5.30	cps
Boron	11-1	4184	4192	3934	4104	3.58	cps
Boron	10-1	900	833	858	864	3.90	cps
Cadmium	106-1	1392	1442	1583	1472	6.75	cps
Cadmium	108-1	38	33	38	36	6.67	cps
Cadmium	111-1	1294	1319	1466	1360	6.81	cps
Calcium	43-1	257539	252177	253001	254239	1.14	cps
Calcium	44-1	4222088	4198322	4177552	4199321	0.53	cps
Chromium	52-2	860	750	810	807	6.83	cps
Cobalt	59-2	8693	8850	8943	8828	1.43	cps
Copper	63-2	4828	4571	4814	4738	3.05	cps
Dysprosium	156-1	2842	2709	2692	2748	2.99	cps
Dysprosium	156-2	903	773	777	818	9.07	cps
Erbium	164-1	3334	3392	3151	3292	3.83	cps
Erbium	164-2	670	647	733	683	6.56	cps
Gadolinium	160-1	3209	3459	3442	3370	4.15	cps
Gadolinium	160-2	927	947	877	917	3.93	cps
Holmium	165-1	10148340	10182597	10188733	10173223	0.21	cps
Holmium	165-2	2368305	2368271	2187367	2307981	4.53	cps
Indium	115-1	8270176	8256215	8143007	8223133	0.85	cps
Indium	115-2	416483	408709	378528	401240	5.00	cps
Iron	56-2	151517	149207	150574	150433	0.77	cps
Iron	57-2	3667	3890	3734	3764	3.03	cps
Lead	206-1	4412	3995	4295	4234	5.08	cps
Lead	207-1	3773	3617	3678	3690	2.12	cps
Lead	208-1	17194	16416	16733	16781	2.33	cps
Lithium	6-1	1135019	1125708	1123062	1127930	0.56	cps
Magnesium	24-2	120162	116979	118743	118628	1.34	cps
Manganese	55-2	41151	41358	41318	41275	0.27	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-15	Instrumnet Name :	P8
Client Sample ID :	MH0CK2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:43:21	DataFile Name :	062SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	14442	14517	14658	14539	0.76	cps
Molybdenum	94-1	6602	6485	5743	6277	7.42	cps
Molybdenum	95-1	8853	9337	8703	8964	3.69	cps
Molybdenum	96-1	10054	10229	9837	10040	1.96	cps
Molybdenum	97-1	5518	5601	5393	5504	1.91	cps
Neodymium	150-1	3321	3147	2940	3136	6.07	cps
Neodymium	150-2	487	467	440	464	5.04	cps
Nickel	60-2	1227	1167	1200	1198	2.51	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	85417	85786	84855	85353	0.55	cps
Rhodium	103-1	7710209	7568723	7572910	7617280	1.06	cps
Rhodium	103-2	2294784	2257372	2097879	2216678	4.72	cps
Scandium	45-1	4409837	4359496	4319921	4363085	1.03	cps
Scandium	45-2	49196	46778	43354	46443	6.32	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	7	2	2	4	86.68	cps
Selenium	82-1	-23	-48	-64	-45	-45.30	cps
Silicon	28-1	17303695	17092802	17054849	17150448	0.78	cps
Silver	109-1	1742	1350	1408	1500	14.09	cps
Silver	107-1	1759	1650	1567	1659	5.80	cps
Sodium	23-2	741789	737151	742253	740398	0.38	cps
Strontium	86-1	260798	261543	257117	259819	0.91	cps
Strontium	88-1	2295348	2258776	2276739	2276954	0.80	cps
Sulfur	34-1	655423	647124	648388	650312	0.69	cps
Terbium	159-1	10563767	10441932	10449510	10485070	0.65	cps
Terbium	159-2	2322012	2261441	2118762	2234072	4.67	cps
Thallium	203-1	383	200	400	328	33.86	cps
Thallium	205-1	717	650	475	614	20.33	cps
Tin	118-1	892	867	850	870	2.41	cps
Titanium	47-1	583	592	600	592	1.41	cps
Uranium	238-1	9462	9229	9304	9332	1.28	cps
Vanadium	51-2	113	100	70	94	23.50	cps
Yttrium	89-1	8446119	8272154	8403806	8374026	1.08	cps
Yttrium	89-2	312238	309604	285387	302409	4.89	cps
Zinc	66-2	8953	8923	8940	8939	0.17	cps
Zirconium	90-1	3592	4371	3818	3927	10.20	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-15	Instrumnet Name :	P8
Client Sample ID :	MH0CK2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:43:21	DataFile Name :	062SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	792	833	1184	937	23.03	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-16	Instrumnet Name :	P8
Client Sample ID :	MH0CK4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:46:28	DataFile Name :	063SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1034	734	1234	1000	25.16	cps
Antimony	121-1	4726	4526	4734	4662	2.53	cps
Arsenic	75-2	1139	1133	1070	1114	3.42	cps
Barium	135-1	106913	107426	104023	106120	1.73	cps
Barium	137-1	183793	183315	182424	183177	0.38	cps
Beryllium	9-1	178	228	133	180	26.30	cps
Bismuth	209-1	6345779	6271591	6252436	6289935	0.78	cps
Bismuth	209-2	1862020	1806207	1804002	1824076	1.80	cps
Boron	11-1	4493	4834	4734	4687	3.75	cps
Boron	10-1	1133	917	1150	1067	12.20	cps
Cadmium	106-1	1709	1408	1734	1617	11.19	cps
Cadmium	108-1	33	33	25	31	15.74	cps
Cadmium	111-1	1318	1067	1313	1233	11.66	cps
Calcium	43-1	632777	635464	636019	634753	0.27	cps
Calcium	44-1	10488587	10486172	10442336	10472365	0.25	cps
Chromium	52-2	700	727	720	716	1.94	cps
Cobalt	59-2	660	627	693	660	5.05	cps
Copper	63-2	3407	3167	3107	3227	4.92	cps
Dysprosium	156-1	1108	1092	983	1061	6.40	cps
Dysprosium	156-2	307	230	290	276	14.63	cps
Erbium	164-1	1225	958	992	1058	13.73	cps
Erbium	164-2	280	243	213	246	13.60	cps
Gadolinium	160-1	1300	1467	1525	1431	8.17	cps
Gadolinium	160-2	340	393	410	381	9.59	cps
Holmium	165-1	10098377	10042556	9838409	9993114	1.37	cps
Holmium	165-2	2373523	2256331	2284509	2304788	2.65	cps
Indium	115-1	8127511	8156714	8070629	8118285	0.54	cps
Indium	115-2	407581	389638	398416	398545	2.25	cps
Iron	56-2	236064	235589	235396	235683	0.15	cps
Iron	57-2	5801	5651	5757	5737	1.34	cps
Lead	206-1	7641	7775	7608	7675	1.15	cps
Lead	207-1	6852	6758	6880	6830	0.94	cps
Lead	208-1	31233	30927	34718	32293	6.52	cps
Lithium	6-1	1123330	1117173	1108788	1116430	0.65	cps
Magnesium	24-2	302475	304020	299844	302113	0.70	cps
Manganese	55-2	47718	48193	47263	47725	0.97	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-16	Instrumnet Name :	P8
Client Sample ID :	MH0CK4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:46:28	DataFile Name :	063SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	800	642	792	744	11.97	cps
Molybdenum	94-1	850	1342	1025	1072	23.24	cps
Molybdenum	95-1	492	483	408	461	9.95	cps
Molybdenum	96-1	858	658	9480	3666	137.40	cps
Molybdenum	97-1	408	292	242	314	27.25	cps
Neodymium	150-1	1540	1440	1420	1467	4.38	cps
Neodymium	150-2	240	203	183	209	13.76	cps
Nickel	60-2	1373	1250	1363	1329	5.16	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	156662	155103	155070	155612	0.58	cps
Rhodium	103-1	7471284	7456775	7385428	7437829	0.62	cps
Rhodium	103-2	2221163	2147329	2186049	2184847	1.69	cps
Scandium	45-1	4402227	4362917	4297135	4354093	1.22	cps
Scandium	45-2	47169	45216	45393	45926	2.35	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	130	-57	-4	23	414.51	cps
Silicon	28-1	2319741	2603391	2514317	2479150	5.85	cps
Silver	109-1	917	1125	1050	1031	10.24	cps
Silver	107-1	1100	1150	992	1081	7.49	cps
Sodium	23-2	341157	342977	338485	340873	0.66	cps
Strontium	86-1	522027	518009	518776	519604	0.41	cps
Strontium	88-1	4583577	4562599	4559020	4568398	0.29	cps
Sulfur	34-1	1124966	1122761	1126709	1124812	0.18	cps
Terbium	159-1	10487315	10442566	10436136	10455339	0.27	cps
Terbium	159-2	2257549	2167184	2213903	2212878	2.04	cps
Thallium	203-1	467	375	458	433	11.70	cps
Thallium	205-1	1025	958	925	970	5.25	cps
Tin	118-1	908	1008	917	945	5.87	cps
Titanium	47-1	1367	1109	1234	1236	10.45	cps
Uranium	238-1	2525	2659	2750	2645	4.28	cps
Vanadium	51-2	73	90	60	74	20.19	cps
Yttrium	89-1	8287702	8209727	8070581	8189336	1.34	cps
Yttrium	89-2	306486	294320	297727	299511	2.10	cps
Zinc	66-2	7125	7022	7302	7150	1.98	cps
Zirconium	90-1	2734	4215	3773	3574	21.27	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-16	Instrumnet Name :	P8
Client Sample ID :	MH0CK4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:46:28	DataFile Name :	063SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	800	633	759	731	11.88	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-17	Instrumnet Name :	P8
Client Sample ID :	MH0CK5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:49:35	DataFile Name :	064SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7219	7369	7594	7394	2.55	cps
Antimony	121-1	2384	2542	2417	2448	3.41	cps
Arsenic	75-2	94	107	83	95	12.68	cps
Barium	135-1	105787	106997	104753	105846	1.06	cps
Barium	137-1	183517	187606	185399	185507	1.10	cps
Beryllium	9-1	1011	833	1028	957	11.26	cps
Bismuth	209-1	6362516	6340327	6364519	6355787	0.21	cps
Bismuth	209-2	1900153	1872667	1886108	1886309	0.73	cps
Boron	11-1	3367	2959	3451	3259	8.08	cps
Boron	10-1	792	833	858	828	4.07	cps
Cadmium	106-1	1308	1600	1400	1436	10.39	cps
Cadmium	108-1	75	63	92	76	19.16	cps
Cadmium	111-1	1480	1606	1566	1551	4.14	cps
Calcium	43-1	154298	156320	153784	154801	0.87	cps
Calcium	44-1	2636186	2573057	2561861	2590368	1.55	cps
Chromium	52-2	683	713	693	697	2.19	cps
Cobalt	59-2	1977	2027	2060	2021	2.08	cps
Copper	63-2	5625	5274	5715	5538	4.20	cps
Dysprosium	156-1	21836	21969	21660	21822	0.71	cps
Dysprosium	156-2	5805	5935	5815	5851	1.24	cps
Erbium	164-1	21201	20217	20250	20556	2.72	cps
Erbium	164-2	4548	4674	4521	4581	1.79	cps
Gadolinium	160-1	23355	24157	23088	23533	2.36	cps
Gadolinium	160-2	7182	7225	7165	7191	0.43	cps
Holmium	165-1	10068152	10007734	9981396	10019094	0.44	cps
Holmium	165-2	2364315	2326092	2341931	2344113	0.82	cps
Indium	115-1	8163955	8131663	8087989	8127869	0.47	cps
Indium	115-2	409517	407249	412724	409830	0.67	cps
Iron	56-2	485668	487627	489302	487533	0.37	cps
Iron	57-2	12573	12078	12639	12430	2.47	cps
Lead	206-1	24151	24480	24547	24393	0.87	cps
Lead	207-1	20517	20495	21190	20734	1.91	cps
Lead	208-1	96117	96669	97654	96814	0.80	cps
Lithium	6-1	1115982	1124140	1116325	1118816	0.41	cps
Magnesium	24-2	76657	76372	73013	75347	2.69	cps
Manganese	55-2	46052	45564	44789	45468	1.40	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-17	Instrumnet Name :	P8
Client Sample ID :	MH0CK5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:49:35	DataFile Name :	064SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	83	117	42	81	46.64	cps
Molybdenum	94-1	875	917	675	822	15.71	cps
Molybdenum	95-1	67	33	58	53	32.88	cps
Molybdenum	96-1	158	200	125	161	23.32	cps
Molybdenum	97-1	83	83	100	89	10.83	cps
Neodymium	150-1	26300	27289	26347	26645	2.09	cps
Neodymium	150-2	3911	3974	3867	3917	1.37	cps
Nickel	60-2	1130	1273	1143	1182	6.70	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	106745	105375	105494	105872	0.72	cps
Rhodium	103-1	7578899	7533372	7515238	7542503	0.43	cps
Rhodium	103-2	2259947	2223880	2270470	2251433	1.09	cps
Scandium	45-1	4414418	4376012	4317669	4369366	1.11	cps
Scandium	45-2	46858	46835	47406	47033	0.69	cps
Selenium	77-2	27	30	13	23	37.81	cps
Selenium	78-2	17	11	13	14	20.85	cps
Selenium	82-1	91	51	-90	17	549.67	cps
Silicon	28-1	30131934	30047789	29895401	30025041	0.40	cps
Silver	109-1	825	817	858	833	2.65	cps
Silver	107-1	742	917	992	883	14.52	cps
Sodium	23-2	161347	161632	161431	161470	0.09	cps
Strontium	86-1	155415	155401	156605	155807	0.44	cps
Strontium	88-1	1350455	1348537	1349214	1349402	0.07	cps
Sulfur	34-1	617735	618447	609991	615391	0.76	cps
Terbium	159-1	10514480	10527701	10417108	10486429	0.58	cps
Terbium	159-2	2274454	2240187	2286522	2267054	1.06	cps
Thallium	203-1	1575	1492	1459	1509	3.98	cps
Thallium	205-1	3484	3901	3676	3687	5.66	cps
Tin	118-1	875	875	692	814	13.01	cps
Titanium	47-1	558	467	408	478	15.83	cps
Uranium	238-1	34415	35201	35351	34989	1.44	cps
Vanadium	51-2	67	53	70	63	13.93	cps
Yttrium	89-1	8599482	8624386	8595338	8606402	0.18	cps
Yttrium	89-2	319823	316289	320819	318977	0.75	cps
Zinc	66-2	24906	24418	25270	24865	1.72	cps
Zirconium	90-1	2584	2359	2275	2406	6.63	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-17	Instrumnet Name :	P8
Client Sample ID :	MH0CK5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:49:35	DataFile Name :	064SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	450	583	547	15.55	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5238-18 Instrumnet Name : P8
 Client Sample ID : MH0CK8 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:52:42 DataFile Name : 065SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	658	700	933	764	19.40	cps
Antimony	121-1	22979	23580	23171	23243	1.32	cps
Arsenic	75-2	959	1009	1020	996	3.27	cps
Barium	135-1	75809	76019	75298	75708	0.49	cps
Barium	137-1	134981	133551	132594	133709	0.90	cps
Beryllium	9-1	261	278	244	261	6.38	cps
Bismuth	209-1	6174870	6014023	6031009	6073300	1.46	cps
Bismuth	209-2	1795530	1703024	1759405	1752653	2.66	cps
Boron	11-1	10779	10988	10771	10846	1.13	cps
Boron	10-1	2475	2459	2192	2375	6.69	cps
Cadmium	106-1	1342	1458	1425	1408	4.27	cps
Cadmium	108-1	263	258	246	256	3.39	cps
Cadmium	111-1	1247	1298	1305	1283	2.46	cps
Calcium	43-1	1351208	1357933	1357023	1355388	0.27	cps
Calcium	44-1	21778679	21905509	21648402	21777530	0.59	cps
Chromium	52-2	13293	12793	13246	13111	2.11	cps
Cobalt	59-2	108246	104948	108055	107083	1.73	cps
Copper	63-2	77169	75511	77789	76823	1.53	cps
Dysprosium	156-1	1358	1425	1575	1453	7.64	cps
Dysprosium	156-2	443	410	473	442	7.16	cps
Erbium	164-1	1617	1750	1809	1725	5.70	cps
Erbium	164-2	420	300	467	396	21.74	cps
Gadolinium	160-1	1667	1967	1850	1828	8.29	cps
Gadolinium	160-2	523	517	487	509	3.84	cps
Holmium	165-1	9986325	9567741	9784360	9779475	2.14	cps
Holmium	165-2	2273467	2197748	2266946	2246054	1.87	cps
Indium	115-1	8123532	7854062	7781773	7919789	2.27	cps
Indium	115-2	396612	383745	394030	391462	1.74	cps
Iron	56-2	260129	256804	264844	260592	1.55	cps
Iron	57-2	6730	6157	6596	6494	4.61	cps
Lead	206-1	4807	4751	4868	4808	1.21	cps
Lead	207-1	4095	4168	4012	4092	1.90	cps
Lead	208-1	18978	19575	19802	19452	2.19	cps
Lithium	6-1	1093668	1050375	1063491	1069178	2.08	cps
Magnesium	24-2	153329	149149	153688	152055	1.66	cps
Manganese	55-2	213236	208546	212775	211519	1.22	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-18	Instrumnet Name :	P8
Client Sample ID :	MH0CK8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:52:42	DataFile Name :	065SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1457391	1459734	1427133	1448086	1.26	cps
Molybdenum	94-1	493368	500727	495174	496423	0.77	cps
Molybdenum	95-1	869946	871937	862051	867978	0.60	cps
Molybdenum	96-1	935053	933497	927106	931885	0.45	cps
Molybdenum	97-1	545289	542480	539455	542408	0.54	cps
Neodymium	150-1	2215	1500	1654	1790	21.03	cps
Neodymium	150-2	233	220	220	224	3.43	cps
Nickel	60-2	9063	9000	9076	9046	0.45	cps
Phosphorus	31-2	17	25	33	25	33.32	cps
Potassium	39-2	127700	123471	126690	125954	1.75	cps
Rhodium	103-1	7426820	7173897	7137483	7246066	2.17	cps
Rhodium	103-2	2166214	2092097	2144258	2134190	1.78	cps
Scandium	45-1	4323376	4174238	4191402	4229672	1.93	cps
Scandium	45-2	46895	44634	46758	46096	2.75	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	9	13	9	10	20.36	cps
Selenium	82-1	136	34	89	86	59.23	cps
Silicon	28-1	28644284	28715083	28314834	28558067	0.75	cps
Silver	109-1	131234	132893	131040	131722	0.77	cps
Silver	107-1	138093	137504	138227	137941	0.28	cps
Sodium	23-2	7928913	7721249	7849052	7833071	1.34	cps
Strontium	86-1	674299	675327	661585	670404	1.14	cps
Strontium	88-1	5893424	5873030	5810087	5858847	0.74	cps
Sulfur	34-1	2173939	2193888	2170103	2179310	0.59	cps
Terbium	159-1	10420093	9968160	10007158	10131804	2.47	cps
Terbium	159-2	2215719	2165109	2188021	2189616	1.16	cps
Thallium	203-1	700	633	817	717	12.95	cps
Thallium	205-1	1592	1625	1617	1611	1.08	cps
Tin	118-1	975	1083	1092	1050	6.20	cps
Titanium	47-1	758	934	758	817	12.38	cps
Uranium	238-1	490376	498310	490876	493187	0.90	cps
Vanadium	51-2	2447	2400	2384	2410	1.36	cps
Yttrium	89-1	8234132	7979899	7958385	8057472	1.90	cps
Yttrium	89-2	300145	291104	297130	296126	1.55	cps
Zinc	66-2	2944	2930	2924	2933	0.35	cps
Zirconium	90-1	5535	6078	6294	5969	6.55	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5238-18	Instrumnet Name :	P8
Client Sample ID :	MH0CK8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:52:42	DataFile Name :	065SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1125	1367	1250	1247	9.69	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-01 Instrumnet Name : P8
 Client Sample ID : MH0CG7 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 17:55:49 DataFile Name : 066SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	208	133	181	22.77	cps
Antimony	121-1	3684	4109	4101	3965	6.13	cps
Arsenic	75-2	107	117	122	115	6.48	cps
Barium	135-1	50840	53007	50682	51510	2.52	cps
Barium	137-1	90308	91298	87304	89637	2.32	cps
Beryllium	9-1	361	328	217	302	25.06	cps
Bismuth	209-1	6154352	6199785	6392647	6248928	2.02	cps
Bismuth	209-2	1904370	1899439	1894703	1899504	0.25	cps
Boron	11-1	3801	4176	4134	4037	5.09	cps
Boron	10-1	892	942	900	911	2.94	cps
Cadmium	106-1	1433	1425	1392	1417	1.56	cps
Cadmium	108-1	38	25	38	33	21.65	cps
Cadmium	111-1	1315	1305	1281	1300	1.32	cps
Calcium	43-1	248428	250616	245486	248177	1.04	cps
Calcium	44-1	4141431	4196198	4113126	4150252	1.02	cps
Chromium	52-2	753	797	860	803	6.68	cps
Cobalt	59-2	8690	8543	8873	8702	1.90	cps
Copper	63-2	4151	4494	4477	4374	4.43	cps
Dysprosium	156-1	2375	2125	1967	2156	9.55	cps
Dysprosium	156-2	640	547	643	610	9.00	cps
Erbium	164-1	2592	2700	2267	2520	8.95	cps
Erbium	164-2	507	597	553	552	8.15	cps
Gadolinium	160-1	2584	2634	2442	2553	3.90	cps
Gadolinium	160-2	817	810	740	789	5.38	cps
Holmium	165-1	9864736	9866497	10162539	9964591	1.72	cps
Holmium	165-2	2360951	2369364	2360676	2363664	0.21	cps
Indium	115-1	8028856	7966652	8185652	8060387	1.40	cps
Indium	115-2	415354	414678	411738	413923	0.46	cps
Iron	56-2	61664	60833	59738	60745	1.59	cps
Iron	57-2	1478	1517	1561	1519	2.75	cps
Lead	206-1	2595	2656	2628	2626	1.17	cps
Lead	207-1	2361	2417	2423	2400	1.41	cps
Lead	208-1	10447	10724	10919	10697	2.22	cps
Lithium	6-1	1085657	1075485	1122768	1094636	2.27	cps
Magnesium	24-2	116264	119112	117473	117616	1.22	cps
Manganese	55-2	37778	37484	37270	37511	0.68	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-01	Instrumnet Name :	P8
Client Sample ID :	MH0CG7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:55:49	DataFile Name :	066SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	14283	14425	13824	14177	2.21	cps
Molybdenum	94-1	5877	6010	6227	6038	2.93	cps
Molybdenum	95-1	8244	8845	8603	8564	3.53	cps
Molybdenum	96-1	9654	9320	10021	9665	3.63	cps
Molybdenum	97-1	5585	5818	5535	5646	2.68	cps
Neodymium	150-1	2367	2314	2600	2427	6.28	cps
Neodymium	150-2	297	357	380	344	12.48	cps
Nickel	60-2	1157	1223	1220	1200	3.13	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	84780	83523	85795	84699	1.34	cps
Rhodium	103-1	7439256	7386730	7603678	7476555	1.51	cps
Rhodium	103-2	2268085	2259895	2272040	2266673	0.27	cps
Scandium	45-1	4329203	4230252	4378878	4312778	1.75	cps
Scandium	45-2	47851	47637	47286	47592	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-6	-59	36	-10	-493.94	cps
Silicon	28-1	16474018	16809397	16418796	16567404	1.28	cps
Silver	109-1	1217	1217	1025	1153	9.60	cps
Silver	107-1	1108	1283	1225	1206	7.39	cps
Sodium	23-2	714324	718964	714873	716054	0.35	cps
Strontium	86-1	251511	251079	254493	252361	0.74	cps
Strontium	88-1	2241386	2260837	2214895	2239039	1.03	cps
Sulfur	34-1	637220	638188	635851	637086	0.18	cps
Terbium	159-1	10195188	10180555	10496458	10290734	1.73	cps
Terbium	159-2	2300536	2312715	2268516	2293922	1.00	cps
Thallium	203-1	317	325	283	308	7.15	cps
Thallium	205-1	758	758	700	739	4.56	cps
Tin	118-1	1083	1067	917	1022	8.98	cps
Titanium	47-1	250	242	467	319	39.94	cps
Uranium	238-1	8086	7694	7277	7686	5.26	cps
Vanadium	51-2	53	50	110	71	47.42	cps
Yttrium	89-1	8111728	8145772	8280050	8179183	1.09	cps
Yttrium	89-2	313274	311720	309899	311631	0.54	cps
Zinc	66-2	8233	8396	8676	8435	2.66	cps
Zirconium	90-1	19995	3534	4521	9350	98.74	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-01	Instrumnet Name :	P8
Client Sample ID :	MH0CG7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:55:49	DataFile Name :	066SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	750	700	717	4.03	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-02	Instrumnet Name :	P8
Client Sample ID :	MH0CH0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:58:55	DataFile Name :	067SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	100	142	111	24.11	cps
Antimony	121-1	3826	3784	3842	3817	0.79	cps
Arsenic	75-2	157	156	180	164	8.16	cps
Barium	135-1	37897	38666	37696	38086	1.34	cps
Barium	137-1	68051	66183	66157	66797	1.63	cps
Beryllium	9-1	206	244	256	235	11.16	cps
Bismuth	209-1	6298035	6305194	6018124	6207118	2.64	cps
Bismuth	209-2	1878977	1869577	1849186	1865913	0.82	cps
Boron	11-1	3567	3517	3559	3548	0.75	cps
Boron	10-1	783	775	908	822	9.08	cps
Cadmium	106-1	1333	1325	1200	1286	5.81	cps
Cadmium	108-1	25	29	33	29	14.28	cps
Cadmium	111-1	1041	986	933	987	5.45	cps
Calcium	43-1	276926	277881	278344	277717	0.26	cps
Calcium	44-1	4574870	4582636	4552889	4570132	0.34	cps
Chromium	52-2	877	783	803	821	5.98	cps
Cobalt	59-2	1787	1747	1740	1758	1.44	cps
Copper	63-2	3601	3464	3244	3436	5.24	cps
Dysprosium	156-1	733	758	642	711	8.64	cps
Dysprosium	156-2	213	153	243	203	22.54	cps
Erbium	164-1	825	1017	933	925	10.39	cps
Erbium	164-2	203	203	207	204	0.94	cps
Gadolinium	160-1	917	892	867	892	2.80	cps
Gadolinium	160-2	270	287	257	271	5.55	cps
Holmium	165-1	10074786	10000756	9720087	9931877	1.88	cps
Holmium	165-2	2363434	2322828	2350886	2345716	0.89	cps
Indium	115-1	8099517	8115239	7803992	8006249	2.19	cps
Indium	115-2	410400	408746	405754	408300	0.58	cps
Iron	56-2	155141	149858	151604	152201	1.77	cps
Iron	57-2	3801	3601	3784	3728	2.98	cps
Lead	206-1	1100	1278	1033	1137	11.11	cps
Lead	207-1	967	1022	983	991	2.88	cps
Lead	208-1	4751	4784	4367	4634	5.00	cps
Lithium	6-1	1107431	1138216	1070393	1105347	3.07	cps
Magnesium	24-2	105255	103030	104985	104424	1.16	cps
Manganese	55-2	77594	77557	77305	77485	0.20	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-02	Instrumnet Name :	P8
Client Sample ID :	MH0CH0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:58:55	DataFile Name :	067SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	442	708	517	556	24.75	cps
Molybdenum	94-1	1425	1183	1392	1333	9.82	cps
Molybdenum	95-1	342	392	308	347	12.08	cps
Molybdenum	96-1	633	617	525	592	9.86	cps
Molybdenum	97-1	225	275	275	258	11.17	cps
Neodymium	150-1	680	647	613	647	5.15	cps
Neodymium	150-2	107	83	80	90	16.14	cps
Nickel	60-2	800	863	950	871	8.64	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	80346	79792	80094	80077	0.35	cps
Rhodium	103-1	7570629	7557411	7133744	7420595	3.35	cps
Rhodium	103-2	2258848	2234581	2236684	2243371	0.60	cps
Scandium	45-1	4345522	4338723	4109812	4264686	3.15	cps
Scandium	45-2	47433	47253	46677	47121	0.84	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	6	6	2	4	49.54	cps
Selenium	82-1	-53	-58	-21	-44	-45.67	cps
Silicon	28-1	7219728	7124878	7093204	7145936	0.92	cps
Silver	109-1	767	725	775	756	3.55	cps
Silver	107-1	625	750	867	747	16.18	cps
Sodium	23-2	160184	161677	158432	160098	1.01	cps
Strontium	86-1	154540	152654	149394	152196	1.71	cps
Strontium	88-1	1316649	1308994	1313316	1312986	0.29	cps
Sulfur	34-1	576095	575110	574901	575369	0.11	cps
Terbium	159-1	10488037	10373266	9984225	10281843	2.57	cps
Terbium	159-2	2298683	2252405	2280509	2277199	1.02	cps
Thallium	203-1	150	150	117	139	13.86	cps
Thallium	205-1	325	267	317	303	10.42	cps
Tin	118-1	1025	1042	1133	1067	5.47	cps
Titanium	47-1	275	308	192	258	23.26	cps
Uranium	238-1	2734	2884	2775	2798	2.77	cps
Vanadium	51-2	43	80	60	61	30.04	cps
Yttrium	89-1	8336991	8218897	7860679	8138856	3.05	cps
Yttrium	89-2	309477	306160	305409	307015	0.71	cps
Zinc	66-2	2280	2237	2404	2307	3.75	cps
Zirconium	90-1	4765	3643	3376	3928	18.77	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-02	Instrumnet Name :	P8
Client Sample ID :	MH0CH0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 17:58:55	DataFile Name :	067SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	850	700	792	781	9.69	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-03	Instrumnet Name :	P8
Client Sample ID :	MH0CH2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:02:02	DataFile Name :	068SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3801	3926	3892	3873	1.67	cps
Antimony	121-1	2375	2684	2600	2553	6.25	cps
Arsenic	75-2	61	65	74	67	10.02	cps
Barium	135-1	95502	95451	95610	95521	0.09	cps
Barium	137-1	167549	166949	166774	167090	0.24	cps
Beryllium	9-1	1417	1450	1483	1450	2.30	cps
Bismuth	209-1	6413117	6365859	6300252	6359742	0.89	cps
Bismuth	209-2	1889130	1889030	1865489	1881217	0.72	cps
Boron	11-1	3117	2842	3192	3050	6.04	cps
Boron	10-1	675	742	708	708	4.71	cps
Cadmium	106-1	1442	1208	1742	1464	18.26	cps
Cadmium	108-1	58	71	54	61	14.19	cps
Cadmium	111-1	1777	1584	2127	1829	15.06	cps
Calcium	43-1	146987	146481	146457	146642	0.20	cps
Calcium	44-1	2469104	2447148	2457482	2457912	0.45	cps
Chromium	52-2	743	627	690	687	8.51	cps
Cobalt	59-2	4751	4427	4507	4562	3.69	cps
Copper	63-2	7452	7549	7322	7441	1.53	cps
Dysprosium	156-1	13608	14183	13416	13735	2.91	cps
Dysprosium	156-2	3757	3634	3791	3727	2.22	cps
Erbium	164-1	15009	13983	14342	14445	3.61	cps
Erbium	164-2	2814	2917	3160	2964	6.01	cps
Gadolinium	160-1	14859	15126	14951	14979	0.91	cps
Gadolinium	160-2	4471	4618	4351	4480	2.98	cps
Holmium	165-1	10153767	10087302	9997666	10079578	0.78	cps
Holmium	165-2	2335173	2346548	2326062	2335928	0.44	cps
Indium	115-1	8121314	8118680	8147311	8129102	0.19	cps
Indium	115-2	409217	409737	405384	408112	0.58	cps
Iron	56-2	54747	54183	53213	54048	1.44	cps
Iron	57-2	1372	1356	1450	1393	3.62	cps
Lead	206-1	6541	6402	6341	6428	1.60	cps
Lead	207-1	5407	5329	5374	5370	0.73	cps
Lead	208-1	25350	24699	25400	25149	1.55	cps
Lithium	6-1	1124309	1119700	1117495	1120501	0.31	cps
Magnesium	24-2	73960	73666	73751	73792	0.20	cps
Manganese	55-2	66842	65305	65714	65954	1.21	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-03 Instrumnet Name : P8
 Client Sample ID : MH0CH2 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:02:02 DataFile Name : 068SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	92	75	75	81	11.95	cps
Molybdenum	94-1	750	642	667	686	8.27	cps
Molybdenum	95-1	50	25	67	47	44.41	cps
Molybdenum	96-1	192	192	217	200	7.22	cps
Molybdenum	97-1	92	75	58	75	22.22	cps
Neodymium	150-1	15903	15082	15416	15467	2.67	cps
Neodymium	150-2	2200	2180	2484	2288	7.42	cps
Nickel	60-2	1703	1583	1563	1617	4.68	cps
Phosphorus	31-2	0	25	17	14	91.65	cps
Potassium	39-2	100567	98938	98501	99335	1.10	cps
Rhodium	103-1	7595866	7526998	7543819	7555561	0.48	cps
Rhodium	103-2	2275006	2258596	2209325	2247642	1.52	cps
Scandium	45-1	4335370	4312798	4359146	4335771	0.53	cps
Scandium	45-2	46955	47617	46440	47004	1.26	cps
Selenium	77-2	10	33	30	24	51.62	cps
Selenium	78-2	4	13	17	11	60.13	cps
Selenium	82-1	69	-13	44	34	125.83	cps
Silicon	28-1	32359510	31844180	32243059	32148916	0.84	cps
Silver	109-1	508	875	783	722	26.42	cps
Silver	107-1	933	667	958	853	18.96	cps
Sodium	23-2	184101	181753	182954	182936	0.64	cps
Strontium	86-1	146478	147118	147497	147031	0.35	cps
Strontium	88-1	1280153	1268707	1268422	1272427	0.53	cps
Sulfur	34-1	578962	573361	570289	574204	0.77	cps
Terbium	159-1	10627512	10520713	10360504	10502910	1.28	cps
Terbium	159-2	2273602	2265738	2276396	2271912	0.24	cps
Thallium	203-1	1167	1158	1292	1206	6.20	cps
Thallium	205-1	2642	2909	2950	2834	5.90	cps
Tin	118-1	675	817	825	772	10.92	cps
Titanium	47-1	425	442	400	422	4.97	cps
Uranium	238-1	18297	17964	18181	18147	0.93	cps
Vanadium	51-2	50	40	43	44	11.46	cps
Yttrium	89-1	8494526	8466546	8398790	8453287	0.58	cps
Yttrium	89-2	314342	315293	313914	314517	0.22	cps
Zinc	66-2	25691	25944	25237	25624	1.40	cps
Zirconium	90-1	1650	1517	1700	1622	5.84	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-03	Instrumnet Name :	P8
Client Sample ID :	MH0CH2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:02:02	DataFile Name :	068SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	375	358	389	10.13	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-04 Instrumnet Name : P8
 Client Sample ID : MH0CH3 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:05:09 DataFile Name : 069SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1925	2100	2109	2045	5.06	cps
Antimony	121-1	2475	2475	2200	2384	6.66	cps
Arsenic	75-2	89	111	89	96	13.32	cps
Barium	135-1	122563	122858	120266	121896	1.16	cps
Barium	137-1	211372	210017	210570	210653	0.32	cps
Beryllium	9-1	750	667	689	702	6.15	cps
Bismuth	209-1	6452232	6402556	6362149	6405645	0.70	cps
Bismuth	209-2	1900496	1906091	1874786	1893791	0.88	cps
Boron	11-1	3909	4768	3626	4101	14.50	cps
Boron	10-1	875	900	908	895	1.94	cps
Cadmium	106-1	1392	1542	1417	1450	5.54	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Cadmium	111-1	1170	1290	1159	1206	6.01	cps
Calcium	43-1	212249	209928	210473	210883	0.58	cps
Calcium	44-1	3508842	3551022	3497254	3519039	0.80	cps
Chromium	52-2	697	657	767	707	7.88	cps
Cobalt	59-2	2280	2237	2064	2194	5.23	cps
Copper	63-2	6272	6021	6245	6179	2.22	cps
Dysprosium	156-1	9838	9462	8703	9334	6.19	cps
Dysprosium	156-2	2410	2540	2447	2466	2.72	cps
Erbium	164-1	8954	8812	9195	8987	2.16	cps
Erbium	164-2	1974	1960	2020	1985	1.59	cps
Gadolinium	160-1	9929	9696	9762	9796	1.23	cps
Gadolinium	160-2	2747	3004	2874	2875	4.47	cps
Holmium	165-1	10213121	10125668	10059978	10132922	0.76	cps
Holmium	165-2	2382187	2357120	2300235	2346514	1.79	cps
Indium	115-1	8254434	8195705	8165945	8205361	0.55	cps
Indium	115-2	408886	407164	406831	407627	0.27	cps
Iron	56-2	2963935	2983731	2968822	2972163	0.35	cps
Iron	57-2	73220	73030	72298	72849	0.67	cps
Lead	206-1	10316	10494	10227	10345	1.31	cps
Lead	207-1	9265	8509	9126	8966	4.49	cps
Lead	208-1	42162	40309	40287	40919	2.63	cps
Lithium	6-1	1126133	1115758	1123021	1121637	0.47	cps
Magnesium	24-2	105785	107227	105322	106112	0.94	cps
Manganese	55-2	96386	95665	95171	95741	0.64	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-04	Instrumnet Name :	P8
Client Sample ID :	MH0CH3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:05:09	DataFile Name :	069SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	100	92	183	125	40.55	cps
Molybdenum	94-1	1125	883	1150	1053	13.99	cps
Molybdenum	95-1	83	100	117	100	16.66	cps
Molybdenum	96-1	300	408	417	375	17.36	cps
Molybdenum	97-1	67	133	83	94	36.73	cps
Neodymium	150-1	9637	9584	9637	9619	0.32	cps
Neodymium	150-2	1460	1300	1383	1381	5.79	cps
Nickel	60-2	730	653	697	693	5.54	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	132426	131635	129852	131304	1.00	cps
Rhodium	103-1	7647205	7601938	7549777	7599640	0.64	cps
Rhodium	103-2	2257999	2215966	2244428	2239464	0.96	cps
Scandium	45-1	4332410	4429501	4287410	4349774	1.67	cps
Scandium	45-2	47687	47192	47490	47457	0.53	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	7	7	6	7	15.72	cps
Selenium	82-1	-91	-17	-75	-61	-63.81	cps
Silicon	28-1	18203600	18264500	18115380	18194493	0.41	cps
Silver	109-1	700	908	658	756	17.73	cps
Silver	107-1	933	758	792	828	11.23	cps
Sodium	23-2	158355	156696	155643	156898	0.87	cps
Strontium	86-1	210338	209399	208521	209419	0.43	cps
Strontium	88-1	1882049	1869053	1852380	1867827	0.80	cps
Sulfur	34-1	741911	734725	740379	739005	0.51	cps
Terbium	159-1	10529298	10472454	10524891	10508881	0.30	cps
Terbium	159-2	2275913	2245069	2249417	2256800	0.74	cps
Thallium	203-1	583	667	542	597	10.66	cps
Thallium	205-1	1567	1258	1342	1389	11.48	cps
Tin	118-1	833	867	842	847	2.05	cps
Titanium	47-1	492	300	300	364	30.41	cps
Uranium	238-1	8962	8678	9004	8881	1.99	cps
Vanadium	51-2	33	63	53	50	30.56	cps
Yttrium	89-1	8531089	8422499	8343378	8432322	1.12	cps
Yttrium	89-2	317271	311009	312108	313463	1.07	cps
Zinc	66-2	11301	11645	11495	11480	1.50	cps
Zirconium	90-1	3209	2834	3017	3020	6.21	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-04	Instrumnet Name :	P8
Client Sample ID :	MH0CH3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:05:09	DataFile Name :	069SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	650	608	639	4.19	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:08:15	DataFile Name :	070SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	363037	360889	360012	361312	0.43	cps
Antimony	121-1	4411171	4358240	4436570	4401994	0.91	cps
Arsenic	75-2	59803	59436	59539	59592	0.32	cps
Barium	135-1	4570255	4635118	4619839	4608404	0.74	cps
Barium	137-1	7844357	7994053	7945741	7928050	0.96	cps
Beryllium	9-1	548689	556050	557507	554082	0.85	cps
Bismuth	209-1	5718265	5810944	5799186	5776131	0.87	cps
Bismuth	209-2	1656943	1657137	1649734	1654605	0.26	cps
Boron	11-1	293854	300532	305343	299910	1.92	cps
Boron	10-1	64671	64848	66487	65335	1.53	cps
Cadmium	106-1	92600	96503	95882	94995	2.21	cps
Cadmium	108-1	64123	64826	64470	64473	0.55	cps
Cadmium	111-1	913443	921481	921405	918776	0.50	cps
Calcium	43-1	4248608	4340144	4276147	4288300	1.10	cps
Calcium	44-1	70059016	70930045	70107949	70365670	0.70	cps
Chromium	52-2	491417	488141	486914	488824	0.48	cps
Cobalt	59-2	993424	996306	991995	993909	0.22	cps
Copper	63-2	1703859	1691576	1655346	1683594	1.50	cps
Dysprosium	156-1	75	117	125	106	25.38	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	83	100	117	100	16.66	cps
Gadolinium	160-2	23	10	37	23	57.15	cps
Holmium	165-1	9625612	9771035	9623053	9673233	0.88	cps
Holmium	165-2	2269331	2274612	2235745	2259896	0.93	cps
Indium	115-1	7466685	7524473	7554707	7515289	0.60	cps
Indium	115-2	378399	376274	373173	375949	0.70	cps
Iron	56-2	78812385	78498102	77761230	78357239	0.69	cps
Iron	57-2	2009332	1998315	1969664	1992437	1.03	cps
Lead	206-1	2657230	2746467	2686742	2696813	1.69	cps
Lead	207-1	2472368	2511916	2438731	2474338	1.48	cps
Lead	208-1	10910953	11089701	10903157	10967937	0.96	cps
Lithium	6-1	1034629	1055002	1064243	1051291	1.44	cps
Magnesium	24-2	8842263	8891542	8746503	8826769	0.84	cps
Manganese	55-2	272760	272501	271995	272419	0.14	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : CCV031 Instrumnet Name : P8
 Client Sample ID : CCV031 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:08:15 DataFile Name : 070SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3019513	3023821	3004150	3015828	0.34	cps
Molybdenum	94-1	3457876	3468639	3459626	3462047	0.17	cps
Molybdenum	95-1	1840292	1844586	1844979	1843286	0.14	cps
Molybdenum	96-1	2428749	2422593	2403740	2418360	0.54	cps
Molybdenum	97-1	1128582	1132154	1135254	1131997	0.29	cps
Neodymium	150-1	180	220	160	187	16.37	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	287218	286660	282993	285624	0.80	cps
Phosphorus	31-2	5560	5543	5401	5501	1.58	cps
Potassium	39-2	2653141	2633076	2630973	2639063	0.46	cps
Rhodium	103-1	6790517	6813817	6777820	6794051	0.27	cps
Rhodium	103-2	2037003	2006158	1976943	2006702	1.50	cps
Scandium	45-1	4148415	4187427	4167550	4167797	0.47	cps
Scandium	45-2	44848	45082	44380	44770	0.80	cps
Selenium	77-2	397	397	353	382	6.54	cps
Selenium	78-2	1382	1398	1365	1382	1.21	cps
Selenium	82-1	55448	55731	56037	55739	0.53	cps
Silicon	28-1	1858930	1854987	1877583	1863833	0.65	cps
Silver	109-1	4297680	4277739	4324587	4300002	0.55	cps
Silver	107-1	4514065	4581415	4542671	4546050	0.74	cps
Sodium	23-2	21802681	21949468	21592259	21781469	0.82	cps
Strontium	86-1	1173049	1179710	1172179	1174979	0.35	cps
Strontium	88-1	10135622	10196593	10230995	10187736	0.47	cps
Sulfur	34-1	548116	550195	550057	549456	0.21	cps
Terbium	159-1	9922635	10001515	9992339	9972163	0.43	cps
Terbium	159-2	2238405	2192892	2175314	2202204	1.48	cps
Thallium	203-1	3349169	3340903	3319968	3336680	0.45	cps
Thallium	205-1	7735059	7840582	7787528	7787723	0.68	cps
Tin	118-1	3019726	3078693	3045599	3048006	0.97	cps
Titanium	47-1	445898	443417	446432	445249	0.36	cps
Uranium	238-1	10333359	10412849	10467542	10404583	0.65	cps
Vanadium	51-2	366477	367520	367199	367065	0.15	cps
Yttrium	89-1	7891707	7887661	7896821	7892063	0.06	cps
Yttrium	89-2	293632	291594	290580	291936	0.53	cps
Zinc	66-2	153259	151850	151521	152210	0.61	cps
Zirconium	90-1	6458250	6418597	6472887	6449911	0.44	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:08:15	DataFile Name :	070SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1456361	1444296	1454430	1451696	0.45	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P8
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:11:13	DataFile Name :	071CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	25	17	86.60	cps
Antimony	121-1	1834	2025	2009	1956	5.43	cps
Arsenic	75-2	2	7	7	6	57.77	cps
Barium	135-1	67	33	50	50	33.34	cps
Barium	137-1	92	75	108	92	18.18	cps
Beryllium	9-1	233	200	206	213	8.39	cps
Bismuth	209-1	5880652	5961941	5915168	5919254	0.69	cps
Bismuth	209-2	1755396	1693710	1762708	1737271	2.18	cps
Boron	11-1	6527	6835	6093	6485	5.75	cps
Boron	10-1	1550	1442	1250	1414	10.75	cps
Cadmium	106-1	1200	1592	1192	1328	17.21	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Cadmium	111-1	927	1191	884	1001	16.63	cps
Calcium	43-1	1342	1367	1192	1300	7.28	cps
Calcium	44-1	22302	22093	20758	21718	3.86	cps
Chromium	52-2	873	850	727	817	9.65	cps
Cobalt	59-2	27	23	23	24	7.89	cps
Copper	63-2	277	353	353	328	13.50	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	9264411	9640498	9377306	9427405	2.05	cps
Holmium	165-2	2253416	2183303	2244369	2227029	1.71	cps
Indium	115-1	7631287	7839992	7663030	7711436	1.46	cps
Indium	115-2	397800	384966	396089	392952	1.77	cps
Iron	56-2	3434	3417	3112	3321	5.46	cps
Iron	57-2	122	128	122	124	2.58	cps
Lead	206-1	578	572	600	583	2.52	cps
Lead	207-1	678	500	628	602	15.23	cps
Lead	208-1	2456	2395	2417	2422	1.28	cps
Lithium	6-1	1072522	1089074	1072013	1077870	0.90	cps
Magnesium	24-2	258	250	292	267	8.27	cps
Manganese	55-2	133	100	97	110	18.43	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P8
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:11:13	DataFile Name :	071CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	567	508	300	458	30.59	cps
Molybdenum	94-1	658	717	600	658	8.86	cps
Molybdenum	95-1	500	367	250	372	33.61	cps
Molybdenum	96-1	467	550	325	447	25.44	cps
Molybdenum	97-1	192	292	175	219	28.75	cps
Neodymium	150-1	0	27	7	11	124.89	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	127	123	113	121	5.73	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3551	3834	3292	3559	7.62	cps
Rhodium	103-1	7120849	7291208	7129682	7180580	1.34	cps
Rhodium	103-2	2167404	2096207	2132276	2131962	1.67	cps
Scandium	45-1	4104438	4149396	4142230	4132021	0.58	cps
Scandium	45-2	45487	43965	45176	44876	1.79	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-57	-96	-24	-59	-60.48	cps
Silicon	28-1	277703	282021	280933	280219	0.80	cps
Silver	109-1	492	525	625	547	12.68	cps
Silver	107-1	750	658	492	633	20.68	cps
Sodium	23-2	8670	8069	7827	8189	5.30	cps
Strontium	86-1	767	892	783	814	8.34	cps
Strontium	88-1	292	258	208	253	16.59	cps
Sulfur	34-1	286303	290517	288900	288573	0.74	cps
Terbium	159-1	9682999	9973420	9640929	9765783	1.85	cps
Terbium	159-2	2161917	2142728	2183165	2162603	0.94	cps
Thallium	203-1	325	517	308	383	30.20	cps
Thallium	205-1	1175	900	867	981	17.26	cps
Tin	118-1	1358	1375	1208	1314	6.99	cps
Titanium	47-1	83	117	192	131	42.50	cps
Uranium	238-1	208	192	133	178	22.15	cps
Vanadium	51-2	7	10	3	7	50.03	cps
Yttrium	89-1	7765883	7896223	7729919	7797342	1.12	cps
Yttrium	89-2	296618	285801	294771	292397	1.98	cps
Zinc	66-2	73	83	83	80	7.22	cps
Zirconium	90-1	1183	1267	1267	1239	3.88	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P8
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:11:13	DataFile Name :	071CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	242	333	297	16.43	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-05 Instrumnet Name : P8
 Client Sample ID : MH0CH4 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:17:28 DataFile Name : 073CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7619	7177	7611	7469	3.38	cps
Antimony	121-1	4118	4084	4351	4184	3.47	cps
Arsenic	75-2	106	120	130	119	10.24	cps
Barium	135-1	119418	117578	117653	118216	0.88	cps
Barium	137-1	205617	206413	205134	205721	0.31	cps
Beryllium	9-1	883	839	772	832	6.73	cps
Bismuth	209-1	6410391	6404452	6423014	6412619	0.15	cps
Bismuth	209-2	1924919	1803094	1848424	1858812	3.31	cps
Boron	11-1	4934	4826	4718	4826	2.25	cps
Boron	10-1	1050	1000	1017	1022	2.49	cps
Cadmium	106-1	1692	1592	1458	1581	7.41	cps
Cadmium	108-1	50	63	58	57	11.18	cps
Cadmium	111-1	1804	1708	1738	1750	2.79	cps
Calcium	43-1	176346	174935	176319	175867	0.46	cps
Calcium	44-1	2934177	2961176	2915830	2937061	0.78	cps
Chromium	52-2	690	730	640	687	6.57	cps
Cobalt	59-2	2147	2190	1937	2091	6.48	cps
Copper	63-2	4704	4671	4541	4639	1.86	cps
Dysprosium	156-1	23956	24357	24524	24279	1.20	cps
Dysprosium	156-2	6445	6408	6308	6387	1.11	cps
Erbium	164-1	21811	22829	21594	22078	2.99	cps
Erbium	164-2	4744	5011	4474	4743	5.66	cps
Gadolinium	160-1	25534	25376	25643	25518	0.53	cps
Gadolinium	160-2	7269	7786	7666	7573	3.57	cps
Holmium	165-1	10112056	10171056	10179042	10154051	0.36	cps
Holmium	165-2	2386069	2285068	2298058	2323065	2.37	cps
Indium	115-1	8293550	8153161	8196902	8214538	0.87	cps
Indium	115-2	416561	393956	403563	404693	2.80	cps
Iron	56-2	556115	553667	549388	553057	0.62	cps
Iron	57-2	13802	13996	14614	14137	3.00	cps
Lead	206-1	38454	38592	37924	38323	0.92	cps
Lead	207-1	34041	33651	33049	33580	1.49	cps
Lead	208-1	153122	152825	152523	152823	0.20	cps
Lithium	6-1	1146613	1158218	1137970	1147600	0.89	cps
Magnesium	24-2	84166	84107	83235	83836	0.62	cps
Manganese	55-2	48424	48273	47507	48068	1.02	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-05 Instrumnet Name : P8
 Client Sample ID : MH0CH4 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:17:28 DataFile Name : 073CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	192	167	133	164	17.86	cps
Molybdenum	94-1	1083	992	983	1020	5.44	cps
Molybdenum	95-1	133	67	75	92	39.63	cps
Molybdenum	96-1	258	367	208	278	29.14	cps
Molybdenum	97-1	83	58	117	86	33.98	cps
Neodymium	150-1	29146	29233	29888	29423	1.38	cps
Neodymium	150-2	4391	4407	4287	4362	1.49	cps
Nickel	60-2	1153	1103	1170	1142	3.04	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	111119	109070	110221	110137	0.93	cps
Rhodium	103-1	7637029	7658870	7665109	7653669	0.19	cps
Rhodium	103-2	2285362	2173923	2195368	2218218	2.67	cps
Scandium	45-1	4400103	4431275	4405153	4412177	0.38	cps
Scandium	45-2	47674	46149	47193	47005	1.66	cps
Selenium	77-2	33	33	23	30	19.25	cps
Selenium	78-2	13	13	26	17	43.33	cps
Selenium	82-1	-37	-6	-89	-44	-95.77	cps
Silicon	28-1	28877125	28615681	28641220	28711342	0.50	cps
Silver	109-1	2167	2292	1984	2147	7.22	cps
Silver	107-1	2400	2059	2250	2236	7.66	cps
Sodium	23-2	165974	165064	166952	165997	0.57	cps
Strontium	86-1	176046	176493	174348	175629	0.64	cps
Strontium	88-1	1553071	1580934	1547069	1560358	1.16	cps
Sulfur	34-1	680829	675455	667274	674520	1.01	cps
Terbium	159-1	10570110	10580543	10544094	10564916	0.18	cps
Terbium	159-2	2289227	2176205	2258661	2241365	2.61	cps
Thallium	203-1	2042	2075	2050	2056	0.84	cps
Thallium	205-1	4951	4785	4901	4879	1.75	cps
Tin	118-1	1158	1008	1108	1092	7.00	cps
Titanium	47-1	392	392	525	436	17.65	cps
Uranium	238-1	40107	40158	40241	40169	0.17	cps
Vanadium	51-2	37	33	50	40	22.05	cps
Yttrium	89-1	8608034	8702781	8634673	8648496	0.56	cps
Yttrium	89-2	323468	306909	312519	314299	2.68	cps
Zinc	66-2	26876	26723	26756	26785	0.30	cps
Zirconium	90-1	2384	2292	2192	2289	4.19	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-05	Instrumnet Name :	P8
Client Sample ID :	MH0CH4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:17:28	DataFile Name :	073CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	517	492	700	569	19.98	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:20:36	DataFile Name :	074SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7886	7219	7494	7533	4.45	cps
Antimony	121-1	2850	3067	3234	3051	6.30	cps
Arsenic	75-2	89	94	83	89	6.25	cps
Barium	135-1	108047	107988	106963	107666	0.57	cps
Barium	137-1	187579	186081	185375	186345	0.60	cps
Beryllium	9-1	1067	945	1033	1015	6.23	cps
Bismuth	209-1	6480466	6310481	6304329	6365092	1.57	cps
Bismuth	209-2	1889087	1899040	1884683	1890936	0.39	cps
Boron	11-1	4234	4351	3951	4179	4.92	cps
Boron	10-1	925	792	892	870	7.98	cps
Cadmium	106-1	1317	1408	1258	1328	5.70	cps
Cadmium	108-1	58	79	46	61	27.56	cps
Cadmium	111-1	1556	1535	1561	1551	0.91	cps
Calcium	43-1	156823	155779	153254	155285	1.18	cps
Calcium	44-1	2617328	2612301	2607762	2612464	0.18	cps
Chromium	52-2	4341	4201	4101	4214	2.86	cps
Cobalt	59-2	2194	2070	2044	2102	3.81	cps
Copper	63-2	5681	5168	5548	5466	4.88	cps
Dysprosium	156-1	21435	22453	22303	22064	2.49	cps
Dysprosium	156-2	5798	5905	5955	5886	1.36	cps
Erbium	164-1	20834	21068	21293	21065	1.09	cps
Erbium	164-2	4498	4708	4728	4644	2.74	cps
Gadolinium	160-1	24632	23255	24658	24182	3.32	cps
Gadolinium	160-2	7312	6999	7296	7202	2.45	cps
Holmium	165-1	10183372	10050630	10045247	10093083	0.78	cps
Holmium	165-2	2352570	2347005	2345289	2348288	0.16	cps
Indium	115-1	8159207	8139733	8193477	8164139	0.33	cps
Indium	115-2	408706	409610	410580	409632	0.23	cps
Iron	56-2	268029	269405	271126	269520	0.58	cps
Iron	57-2	7158	6607	6780	6848	4.11	cps
Lead	206-1	21669	21892	21318	21626	1.34	cps
Lead	207-1	18609	18453	18297	18453	0.84	cps
Lead	208-1	85525	84561	85281	85123	0.59	cps
Lithium	6-1	1130472	1127464	1137775	1131904	0.47	cps
Magnesium	24-2	75828	75802	77763	76464	1.47	cps
Manganese	55-2	45768	45982	46785	46178	1.16	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:20:36	DataFile Name :	074SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	225	242	167	211	18.65	cps
Molybdenum	94-1	1017	975	992	995	2.11	cps
Molybdenum	95-1	150	142	175	156	11.15	cps
Molybdenum	96-1	425	350	317	364	15.25	cps
Molybdenum	97-1	125	83	150	119	28.20	cps
Neodymium	150-1	27008	26487	26768	26755	0.97	cps
Neodymium	150-2	3851	3867	3854	3857	0.23	cps
Nickel	60-2	2097	2100	2224	2140	3.37	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	107701	107945	107694	107780	0.13	cps
Rhodium	103-1	7660745	7521457	7504698	7562300	1.13	cps
Rhodium	103-2	2273989	2263472	2273922	2270461	0.27	cps
Scandium	45-1	4376379	4342818	4296196	4338464	0.93	cps
Scandium	45-2	46858	47085	47661	47201	0.88	cps
Selenium	77-2	23	23	23	23	0.00	cps
Selenium	78-2	22	13	13	16	33.32	cps
Selenium	82-1	28	-14	20	12	191.60	cps
Silicon	28-1	30708113	30307744	30225911	30413923	0.85	cps
Silver	109-1	1250	1317	983	1183	14.91	cps
Silver	107-1	1358	1142	1367	1289	9.90	cps
Sodium	23-2	167627	164112	167323	166354	1.17	cps
Strontium	86-1	157566	153783	157405	156251	1.37	cps
Strontium	88-1	1363303	1353367	1360558	1359076	0.38	cps
Sulfur	34-1	618447	607014	607186	610883	1.07	cps
Terbium	159-1	10542826	10387668	10546117	10492204	0.86	cps
Terbium	159-2	2294692	2260858	2277652	2277734	0.74	cps
Thallium	203-1	1859	1717	1717	1764	4.64	cps
Thallium	205-1	4109	3634	3934	3892	6.17	cps
Tin	118-1	1834	1917	1834	1861	2.59	cps
Titanium	47-1	250	275	300	275	9.09	cps
Uranium	238-1	34541	33696	33237	33825	1.96	cps
Vanadium	51-2	43	60	87	63	34.52	cps
Yttrium	89-1	8667316	8547224	8598179	8604240	0.70	cps
Yttrium	89-2	320244	318347	319755	319449	0.31	cps
Zinc	66-2	25510	25140	25283	25311	0.74	cps
Zirconium	90-1	2434	2375	2509	2439	2.74	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-06	Instrumnet Name :	P8
Client Sample ID :	MH0CH7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:20:36	DataFile Name :	074SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	483	492	539	16.53	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-07	Instrumnet Name :	P8
Client Sample ID :	MH0CH9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:23:43	DataFile Name :	075SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6018	5610	5626	5751	4.02	cps
Antimony	121-1	3451	3534	3451	3478	1.38	cps
Arsenic	75-2	91	70	87	83	13.12	cps
Barium	135-1	102739	102461	103580	102926	0.57	cps
Barium	137-1	180044	182273	179224	180513	0.87	cps
Beryllium	9-1	1189	1289	1183	1220	4.87	cps
Bismuth	209-1	6562786	6480585	6497499	6513623	0.67	cps
Bismuth	209-2	1873085	1884395	1906962	1888147	0.91	cps
Boron	11-1	4042	4276	3884	4067	4.85	cps
Boron	10-1	867	825	1133	942	17.77	cps
Cadmium	106-1	1584	1450	1550	1528	4.54	cps
Cadmium	108-1	54	71	63	63	13.34	cps
Cadmium	111-1	1775	1657	1762	1731	3.73	cps
Calcium	43-1	149109	147055	149961	148708	1.00	cps
Calcium	44-1	2545324	2513580	2521832	2526912	0.65	cps
Chromium	52-2	810	957	957	908	9.33	cps
Cobalt	59-2	2977	3057	3074	3036	1.70	cps
Copper	63-2	7916	8399	7972	8096	3.27	cps
Dysprosium	156-1	19657	19323	19950	19643	1.59	cps
Dysprosium	156-2	5231	5074	5431	5246	3.41	cps
Erbium	164-1	19783	17604	19257	18881	6.02	cps
Erbium	164-2	4061	4047	3911	4006	2.07	cps
Gadolinium	160-1	20125	19382	20676	20061	3.24	cps
Gadolinium	160-2	6492	6225	6205	6307	2.54	cps
Holmium	165-1	10177635	10282810	10377939	10279461	0.97	cps
Holmium	165-2	2314364	2314368	2335789	2321507	0.53	cps
Indium	115-1	8271193	8322164	8347125	8313494	0.47	cps
Indium	115-2	407865	402542	408610	406339	0.81	cps
Iron	56-2	185809	184785	182185	184260	1.01	cps
Iron	57-2	4584	4568	4367	4506	2.68	cps
Lead	206-1	13218	14303	14687	14069	5.41	cps
Lead	207-1	12178	11856	12145	12060	1.47	cps
Lead	208-1	54481	54947	56083	55170	1.49	cps
Lithium	6-1	1133075	1140147	1157716	1143646	1.11	cps
Magnesium	24-2	74102	72628	71714	72815	1.65	cps
Manganese	55-2	53987	53894	52897	53593	1.13	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-07	Instrumnet Name :	P8
Client Sample ID :	MH0CH9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:23:43	DataFile Name :	075SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	92	100	142	111	24.11	cps
Molybdenum	94-1	883	783	633	767	16.41	cps
Molybdenum	95-1	92	50	25	56	60.62	cps
Molybdenum	96-1	208	200	217	208	4.00	cps
Molybdenum	97-1	183	67	42	97	77.78	cps
Neodymium	150-1	22841	22567	22273	22560	1.26	cps
Neodymium	150-2	3300	3541	3421	3421	3.51	cps
Nickel	60-2	1213	1323	1320	1286	4.87	cps
Phosphorus	31-2	17	42	8	22	78.07	cps
Potassium	39-2	110809	109700	109037	109849	0.81	cps
Rhodium	103-1	7662078	7706188	7696596	7688287	0.30	cps
Rhodium	103-2	2234028	2224104	2251652	2236595	0.62	cps
Scandium	45-1	4404087	4413497	4386650	4401411	0.31	cps
Scandium	45-2	46384	45892	47038	46438	1.24	cps
Selenium	77-2	17	27	10	18	47.19	cps
Selenium	78-2	19	7	13	13	42.85	cps
Selenium	82-1	-11	-80	4	-29	-153.91	cps
Silicon	28-1	32128041	31918009	32322975	32123008	0.63	cps
Silver	109-1	817	1092	1117	1008	16.51	cps
Silver	107-1	1225	1000	1142	1122	10.14	cps
Sodium	23-2	168697	168706	164996	167466	1.28	cps
Strontium	86-1	152072	151591	150041	151235	0.70	cps
Strontium	88-1	1313403	1322265	1316763	1317477	0.34	cps
Sulfur	34-1	582794	584284	584753	583943	0.18	cps
Terbium	159-1	10771799	10687375	10666957	10708710	0.52	cps
Terbium	159-2	2293277	2249379	2298485	2280380	1.18	cps
Thallium	203-1	1734	1600	1558	1631	5.61	cps
Thallium	205-1	4076	3734	3884	3898	4.40	cps
Tin	118-1	1033	992	925	983	5.56	cps
Titanium	47-1	525	383	358	422	21.29	cps
Uranium	238-1	31900	31984	32936	32274	1.78	cps
Vanadium	51-2	43	57	27	42	35.60	cps
Yttrium	89-1	8750512	8703859	8738060	8730811	0.28	cps
Yttrium	89-2	315414	312794	318183	315464	0.85	cps
Zinc	66-2	23660	23954	24081	23899	0.90	cps
Zirconium	90-1	1967	1984	1875	1942	3.00	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-07	Instrumnet Name :	P8
Client Sample ID :	MH0CH9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:23:43	DataFile Name :	075SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	400	508	503	19.91	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-08	Instrumnet Name :	P8
Client Sample ID :	MH0CJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:26:50	DataFile Name :	076SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1900	1984	2059	1981	4.00	cps
Antimony	121-1	2950	2842	2642	2812	5.57	cps
Arsenic	75-2	70	81	72	75	7.97	cps
Barium	135-1	94259	93505	93596	93787	0.44	cps
Barium	137-1	163855	164486	163829	164057	0.23	cps
Beryllium	9-1	1372	1417	1245	1345	6.65	cps
Bismuth	209-1	6694331	6612427	6583683	6630147	0.87	cps
Bismuth	209-2	1959435	1934645	1952217	1948766	0.65	cps
Boron	11-1	3459	3892	4017	3790	7.73	cps
Boron	10-1	875	750	958	861	12.18	cps
Cadmium	106-1	1642	1609	1575	1609	2.07	cps
Cadmium	108-1	67	88	75	76	13.72	cps
Cadmium	111-1	2044	2044	2054	2048	0.29	cps
Calcium	43-1	161090	157751	158459	159100	1.11	cps
Calcium	44-1	2647126	2645257	2654934	2649105	0.19	cps
Chromium	52-2	770	743	813	776	4.56	cps
Cobalt	59-2	4988	4778	5088	4951	3.20	cps
Copper	63-2	3607	3420	3414	3480	3.15	cps
Dysprosium	156-1	11397	11239	12098	11578	3.95	cps
Dysprosium	156-2	3087	3014	3044	3048	1.21	cps
Erbium	164-1	11222	11622	11806	11550	2.58	cps
Erbium	164-2	2547	2504	2480	2510	1.35	cps
Gadolinium	160-1	12014	12031	12148	12064	0.60	cps
Gadolinium	160-2	3781	3701	3691	3724	1.32	cps
Holmium	165-1	10477908	10321386	10357460	10385585	0.79	cps
Holmium	165-2	2447347	2416492	2409276	2424372	0.83	cps
Indium	115-1	8483876	8364150	8393747	8413924	0.74	cps
Indium	115-2	424611	415326	420812	420250	1.11	cps
Iron	56-2	141645	138048	139271	139655	1.31	cps
Iron	57-2	3545	3589	3573	3569	0.63	cps
Lead	206-1	3995	4206	3728	3977	6.02	cps
Lead	207-1	3745	3678	3528	3651	3.04	cps
Lead	208-1	16510	16694	15749	16318	3.07	cps
Lithium	6-1	1172508	1155455	1174419	1167461	0.89	cps
Magnesium	24-2	80696	80897	79807	80467	0.72	cps
Manganese	55-2	78345	76720	78864	77976	1.43	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-08	Instrumnet Name :	P8
Client Sample ID :	MH0CJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:26:50	DataFile Name :	076SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	142	167	75	128	37.09	cps
Molybdenum	94-1	667	742	700	703	5.35	cps
Molybdenum	95-1	42	75	100	72	40.52	cps
Molybdenum	96-1	217	283	167	222	26.34	cps
Molybdenum	97-1	133	58	92	94	39.79	cps
Neodymium	150-1	12827	13147	12713	12896	1.74	cps
Neodymium	150-2	1837	1890	1877	1868	1.49	cps
Nickel	60-2	1717	1533	1683	1645	5.94	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	100095	101020	100483	100533	0.46	cps
Rhodium	103-1	7783015	7763391	7781181	7775862	0.14	cps
Rhodium	103-2	2374015	2301949	2294407	2323457	1.89	cps
Scandium	45-1	4505819	4410639	4503490	4473316	1.21	cps
Scandium	45-2	48473	48390	48176	48346	0.32	cps
Selenium	77-2	23	7	13	14	58.06	cps
Selenium	78-2	11	15	15	14	15.77	cps
Selenium	82-1	45	-60	-47	-21	-276.50	cps
Silicon	28-1	32668602	32555834	32482944	32569127	0.29	cps
Silver	109-1	733	1025	942	900	16.69	cps
Silver	107-1	1025	1158	1092	1092	6.11	cps
Sodium	23-2	194731	193448	192205	193461	0.65	cps
Strontium	86-1	155847	154337	155409	155198	0.50	cps
Strontium	88-1	1348574	1354203	1349753	1350843	0.22	cps
Sulfur	34-1	576718	572827	576578	575374	0.38	cps
Terbium	159-1	10865059	10730812	10762799	10786223	0.65	cps
Terbium	159-2	2360874	2338905	2328008	2342596	0.71	cps
Thallium	203-1	1042	883	900	942	9.24	cps
Thallium	205-1	2642	2592	2575	2603	1.33	cps
Tin	118-1	1008	967	1000	992	2.22	cps
Titanium	47-1	400	375	375	383	3.77	cps
Uranium	238-1	11898	11948	11397	11748	2.59	cps
Vanadium	51-2	27	53	67	49	41.66	cps
Yttrium	89-1	8803103	8567367	8825303	8731924	1.64	cps
Yttrium	89-2	325526	323920	320770	323405	0.75	cps
Zinc	66-2	25400	25407	25440	25416	0.08	cps
Zirconium	90-1	1642	1634	1734	1670	3.32	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-08	Instrumnet Name :	P8
Client Sample ID :	MH0CJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:26:50	DataFile Name :	076SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	400	467	422	9.12	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:29:58	DataFile Name :	077SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	450	442	406	17.23	cps
Antimony	121-1	3401	2967	3259	3209	6.89	cps
Arsenic	75-2	72	61	67	67	8.33	cps
Barium	135-1	63913	64290	63737	63980	0.44	cps
Barium	137-1	113838	114468	109290	112532	2.51	cps
Beryllium	9-1	583	578	561	574	2.01	cps
Bismuth	209-1	6417787	6511841	6268758	6399462	1.92	cps
Bismuth	209-2	1908392	1893404	1898516	1900104	0.40	cps
Boron	11-1	3501	3501	3292	3431	3.51	cps
Boron	10-1	925	717	800	814	12.88	cps
Cadmium	106-1	1133	1408	1342	1295	11.08	cps
Cadmium	108-1	58	21	46	42	45.84	cps
Cadmium	111-1	1173	1463	1361	1333	11.03	cps
Calcium	43-1	180311	180226	174151	178229	1.98	cps
Calcium	44-1	3040015	3008817	2893234	2980689	2.59	cps
Chromium	52-2	723	757	700	727	3.92	cps
Cobalt	59-2	2437	2380	2420	2412	1.21	cps
Copper	63-2	2237	2180	2104	2174	3.08	cps
Dysprosium	156-1	2184	2109	2500	2264	9.18	cps
Dysprosium	156-2	680	550	667	632	11.31	cps
Erbium	164-1	2642	2467	2534	2548	3.47	cps
Erbium	164-2	503	617	550	557	10.23	cps
Gadolinium	160-1	2967	2759	2825	2850	3.73	cps
Gadolinium	160-2	760	630	787	726	11.55	cps
Holmium	165-1	10154774	10331753	10022941	10169823	1.52	cps
Holmium	165-2	2374638	2325560	2359803	2353334	1.07	cps
Indium	115-1	8351966	8315215	8036719	8234633	2.09	cps
Indium	115-2	417136	409896	407788	411607	1.19	cps
Iron	56-2	99150	98177	95962	97763	1.67	cps
Iron	57-2	2584	2400	2328	2437	5.41	cps
Lead	206-1	1072	1000	883	985	9.67	cps
Lead	207-1	961	817	883	887	8.15	cps
Lead	208-1	4139	3834	3889	3954	4.12	cps
Lithium	6-1	1122714	1140674	1108947	1124111	1.42	cps
Magnesium	24-2	102912	101855	102216	102328	0.53	cps
Manganese	55-2	21176	21343	21006	21175	0.80	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:29:58	DataFile Name :	077SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	183	142	208	178	18.95	cps
Molybdenum	94-1	842	942	767	850	10.33	cps
Molybdenum	95-1	175	142	167	161	10.77	cps
Molybdenum	96-1	342	283	400	342	17.07	cps
Molybdenum	97-1	133	108	100	114	15.23	cps
Neodymium	150-1	2620	2480	2460	2520	3.46	cps
Neodymium	150-2	413	367	423	401	7.54	cps
Nickel	60-2	1157	1230	1177	1188	3.19	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	86056	84008	84160	84741	1.35	cps
Rhodium	103-1	7695846	7682868	7372033	7583582	2.42	cps
Rhodium	103-2	2265644	2264996	2247023	2259221	0.47	cps
Scandium	45-1	4392229	4404181	4261322	4352577	1.82	cps
Scandium	45-2	47841	47012	47310	47388	0.89	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	2	6	7	5	57.32	cps
Selenium	82-1	-120	-50	17	-51	-134.98	cps
Silicon	28-1	25193901	25262608	23973505	24810005	2.92	cps
Silver	109-1	733	792	933	820	12.55	cps
Silver	107-1	1058	775	1017	950	16.10	cps
Sodium	23-2	210053	206003	210601	208886	1.20	cps
Strontium	86-1	198548	198642	189161	195450	2.79	cps
Strontium	88-1	1762882	1753949	1670865	1729232	2.93	cps
Sulfur	34-1	557964	561036	539478	552826	2.11	cps
Terbium	159-1	10637103	10685811	10261732	10528215	2.20	cps
Terbium	159-2	2300405	2282179	2277788	2286790	0.52	cps
Thallium	203-1	500	417	492	469	9.78	cps
Thallium	205-1	1025	1100	900	1008	10.02	cps
Tin	118-1	1067	867	892	942	11.58	cps
Titanium	47-1	358	450	442	417	12.17	cps
Uranium	238-1	5201	5093	4768	5021	4.49	cps
Vanadium	51-2	37	43	27	36	23.58	cps
Yttrium	89-1	8397379	8545187	8227411	8389992	1.90	cps
Yttrium	89-2	312287	306877	306478	308547	1.05	cps
Zinc	66-2	16750	16467	16450	16556	1.02	cps
Zirconium	90-1	2100	2292	2192	2195	4.37	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:29:58	DataFile Name :	077SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	467	533	442	481	9.86	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:33:04	DataFile Name :	078SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	400	408	364	19.21	cps
Antimony	121-1	3234	3042	3059	3112	3.41	cps
Arsenic	75-2	69	48	50	56	20.28	cps
Barium	135-1	63763	63412	63201	63459	0.45	cps
Barium	137-1	111552	112105	111206	111621	0.41	cps
Beryllium	9-1	611	644	522	593	10.66	cps
Bismuth	209-1	6406669	6323780	6433931	6388127	0.90	cps
Bismuth	209-2	1896187	1883154	1916920	1898754	0.90	cps
Boron	11-1	3309	3517	3284	3370	3.80	cps
Boron	10-1	717	733	783	744	4.66	cps
Cadmium	106-1	1408	1333	1450	1397	4.23	cps
Cadmium	108-1	25	38	58	40	41.81	cps
Cadmium	111-1	1406	1266	1437	1369	6.67	cps
Calcium	43-1	178048	177340	178328	177905	0.29	cps
Calcium	44-1	2962115	2944639	2981673	2962809	0.63	cps
Chromium	52-2	703	733	623	687	8.28	cps
Cobalt	59-2	2470	2470	2447	2462	0.55	cps
Copper	63-2	2260	2314	2344	2306	1.83	cps
Dysprosium	156-1	2400	2250	2442	2364	4.26	cps
Dysprosium	156-2	777	613	697	696	11.74	cps
Erbium	164-1	2500	2367	2417	2428	2.77	cps
Erbium	164-2	550	523	580	551	5.15	cps
Gadolinium	160-1	2867	2459	2484	2603	8.79	cps
Gadolinium	160-2	803	767	840	803	4.56	cps
Holmium	165-1	10160534	10128337	10181855	10156908	0.27	cps
Holmium	165-2	2360454	2335775	2376969	2357733	0.88	cps
Indium	115-1	8322458	8156249	8214911	8231206	1.02	cps
Indium	115-2	412955	411403	411153	411837	0.24	cps
Iron	56-2	96509	96739	96022	96423	0.38	cps
Iron	57-2	2278	2484	2500	2421	5.11	cps
Lead	206-1	1000	1017	1028	1015	1.38	cps
Lead	207-1	845	895	828	856	4.06	cps
Lead	208-1	4145	3956	3845	3982	3.81	cps
Lithium	6-1	1104229	1121551	1141337	1122373	1.65	cps
Magnesium	24-2	102855	104574	102805	103411	0.97	cps
Manganese	55-2	21557	21346	21423	21442	0.50	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:33:04	DataFile Name :	078SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	275	233	175	228	22.05	cps
Molybdenum	94-1	917	625	875	806	19.58	cps
Molybdenum	95-1	133	67	158	119	39.67	cps
Molybdenum	96-1	383	283	200	289	31.78	cps
Molybdenum	97-1	158	75	108	114	36.83	cps
Neodymium	150-1	2414	2534	2707	2551	5.78	cps
Neodymium	150-2	360	343	403	369	8.40	cps
Nickel	60-2	1247	1153	1210	1203	3.91	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	85886	83800	85224	84970	1.25	cps
Rhodium	103-1	7576993	7574930	7530935	7560953	0.34	cps
Rhodium	103-2	2287531	2257527	2249335	2264798	0.89	cps
Scandium	45-1	4404718	4319665	4365417	4363267	0.98	cps
Scandium	45-2	47263	47728	47223	47404	0.59	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	2	-54	13	-13	-275.38	cps
Silicon	28-1	24807707	24733865	24666249	24735940	0.29	cps
Silver	109-1	725	758	842	775	7.75	cps
Silver	107-1	1058	1083	867	1003	11.82	cps
Sodium	23-2	211305	207639	209748	209564	0.88	cps
Strontium	86-1	196259	194992	195183	195478	0.35	cps
Strontium	88-1	1732951	1717580	1713342	1721291	0.60	cps
Sulfur	34-1	549619	549050	544904	547858	0.47	cps
Terbium	159-1	10552241	10469665	10473055	10498320	0.45	cps
Terbium	159-2	2289293	2271034	2276293	2278873	0.41	cps
Thallium	203-1	500	392	383	425	15.31	cps
Thallium	205-1	1133	1058	1075	1089	3.62	cps
Tin	118-1	992	942	967	967	2.59	cps
Titanium	47-1	317	383	317	339	11.36	cps
Uranium	238-1	5051	4851	4668	4857	3.95	cps
Vanadium	51-2	57	70	50	59	17.29	cps
Yttrium	89-1	8413025	8403179	8268588	8361597	0.97	cps
Yttrium	89-2	312641	308279	311373	310764	0.72	cps
Zinc	66-2	16890	16931	16934	16918	0.14	cps
Zirconium	90-1	2442	2067	1934	2148	12.27	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-10	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:33:04	DataFile Name :	078SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	400	375	428	16.57	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 18:36:11	DataFile Name :	079SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	108	92	100	8.33	cps
Antimony	121-1	442	433	308	394	18.94	cps
Arsenic	75-2	20	20	15	19	17.34	cps
Barium	135-1	12948	12006	12281	12412	3.90	cps
Barium	137-1	20751	20717	20976	20814	0.68	cps
Beryllium	9-1	189	267	206	220	18.58	cps
Bismuth	209-1	6177169	5837495	6163028	6059231	3.17	cps
Bismuth	209-2	1846707	1832795	1862146	1847216	0.79	cps
Boron	11-1	1684	1558	1767	1670	6.28	cps
Boron	10-1	342	450	317	369	19.18	cps
Cadmium	106-1	1317	1333	1367	1339	1.90	cps
Cadmium	108-1	17	21	21	19	12.35	cps
Cadmium	111-1	1027	1015	1055	1032	1.99	cps
Calcium	43-1	33800	35429	35379	34869	2.66	cps
Calcium	44-1	572957	576171	577601	575576	0.41	cps
Chromium	52-2	693	707	720	707	1.89	cps
Cobalt	59-2	440	483	503	476	6.81	cps
Copper	63-2	720	723	657	700	5.37	cps
Dysprosium	156-1	392	400	433	408	5.40	cps
Dysprosium	156-2	73	113	120	102	24.69	cps
Erbium	164-1	450	500	583	511	13.18	cps
Erbium	164-2	120	117	60	99	34.10	cps
Gadolinium	160-1	592	600	583	592	1.41	cps
Gadolinium	160-2	157	150	133	147	8.19	cps
Holmium	165-1	9657897	9304173	9748707	9570259	2.45	cps
Holmium	165-2	2289041	2243897	2290548	2274495	1.17	cps
Indium	115-1	7901654	7625034	8014705	7847131	2.55	cps
Indium	115-2	399870	400748	403150	401256	0.42	cps
Iron	56-2	20154	20477	20404	20345	0.83	cps
Iron	57-2	594	517	483	532	10.73	cps
Lead	206-1	639	533	533	569	10.72	cps
Lead	207-1	433	417	500	450	9.80	cps
Lead	208-1	2250	2045	2128	2141	4.83	cps
Lithium	6-1	1080982	1040614	1079303	1066966	2.14	cps
Magnesium	24-2	19731	20265	20833	20276	2.72	cps
Manganese	55-2	4011	4041	4291	4114	3.74	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 18:36:11	DataFile Name :	079SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	42	58	67	56	22.91	cps
Molybdenum	94-1	292	358	292	314	12.26	cps
Molybdenum	95-1	25	42	67	44	47.19	cps
Molybdenum	96-1	150	142	167	153	8.33	cps
Molybdenum	97-1	58	58	67	61	7.87	cps
Neodymium	150-1	447	420	467	444	5.27	cps
Neodymium	150-2	67	80	70	72	9.61	cps
Nickel	60-2	313	320	367	333	8.72	cps
Phosphorus	31-2	8	33	8	17	86.62	cps
Potassium	39-2	18705	18613	19080	18799	1.32	cps
Rhodium	103-1	7312914	7052533	7364951	7243466	2.31	cps
Rhodium	103-2	2198369	2173031	2211020	2194140	0.88	cps
Scandium	45-1	4257253	4034757	4256903	4182971	3.07	cps
Scandium	45-2	45624	45684	46370	45893	0.90	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	-2	9	-55	-16	-208.79	cps
Silicon	28-1	5018643	5011848	5017419	5015970	0.07	cps
Silver	109-1	383	300	417	367	16.39	cps
Silver	107-1	400	458	317	392	18.18	cps
Sodium	23-2	43050	43710	44036	43598	1.15	cps
Strontium	86-1	37695	39124	37076	37965	2.77	cps
Strontium	88-1	323328	321637	318861	321275	0.70	cps
Sulfur	34-1	293191	296170	297691	295684	0.77	cps
Terbium	159-1	10099642	9652346	10169871	9973953	2.81	cps
Terbium	159-2	2202340	2209829	2243611	2218593	0.99	cps
Thallium	203-1	125	100	192	139	34.12	cps
Thallium	205-1	283	217	242	247	13.62	cps
Tin	118-1	417	542	575	511	16.33	cps
Titanium	47-1	117	175	208	167	27.84	cps
Uranium	238-1	908	908	950	922	2.61	cps
Vanadium	51-2	27	17	23	22	22.91	cps
Yttrium	89-1	8046245	7710677	8062870	7939931	2.50	cps
Yttrium	89-2	296362	297181	301378	298307	0.90	cps
Zinc	66-2	3204	3120	3380	3235	4.11	cps
Zirconium	90-1	925	917	817	886	6.80	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-15 18:36:11	DataFile Name :	079SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	225	200	189	22.64	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-11 Instrumnet Name : P8
 Client Sample ID : MH0CJ3S Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:39:19 DataFile Name : 080SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15818	15159	15759	15579	2.34	cps
Antimony	121-1	998381	994560	989828	994256	0.43	cps
Arsenic	75-2	5288	5349	5149	5262	1.95	cps
Barium	135-1	4207225	4218746	4208378	4211450	0.15	cps
Barium	137-1	7201201	7233299	7258605	7231035	0.40	cps
Beryllium	9-1	61203	61365	61777	61448	0.48	cps
Bismuth	209-1	6405353	6308489	6104379	6272740	2.45	cps
Bismuth	209-2	1881514	1886821	1836731	1868356	1.47	cps
Boron	11-1	3050	3017	3234	3100	3.76	cps
Boron	10-1	600	800	608	669	16.90	cps
Cadmium	106-1	11205	10963	10763	10977	2.02	cps
Cadmium	108-1	6973	7131	6827	6977	2.18	cps
Cadmium	111-1	106767	107801	107467	107345	0.49	cps
Calcium	43-1	177466	178598	180412	178825	0.83	cps
Calcium	44-1	2971032	2981187	2992135	2981451	0.35	cps
Chromium	52-2	221768	220198	222333	221433	0.50	cps
Cobalt	59-2	1174567	1174398	1168038	1172334	0.32	cps
Copper	63-2	512781	515505	511357	513214	0.41	cps
Dysprosium	156-1	2425	2492	2075	2331	9.60	cps
Dysprosium	156-2	557	590	707	618	12.75	cps
Erbium	164-1	2634	2384	2542	2520	5.02	cps
Erbium	164-2	570	597	637	601	5.58	cps
Gadolinium	160-1	2584	2534	2650	2589	2.26	cps
Gadolinium	160-2	833	807	857	832	3.01	cps
Holmium	165-1	10059623	10094235	9579625	9911161	2.90	cps
Holmium	165-2	2325371	2358667	2305209	2329749	1.16	cps
Indium	115-1	8252433	8132853	7746799	8044028	3.29	cps
Indium	115-2	411096	411266	403340	408567	1.11	cps
Iron	56-2	827706	832573	824252	828177	0.50	cps
Iron	57-2	21150	20532	20861	20848	1.48	cps
Lead	206-1	118812	120309	120640	119921	0.81	cps
Lead	207-1	108823	107322	109098	108414	0.88	cps
Lead	208-1	483958	482522	490059	485513	0.82	cps
Lithium	6-1	1141377	1121633	1088524	1117178	2.39	cps
Magnesium	24-2	101596	102761	103651	102669	1.00	cps
Manganese	55-2	174575	175547	173616	174580	0.55	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-11	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:39:19	DataFile Name :	080SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	450	550	517	506	10.07	cps
Molybdenum	94-1	1092	1067	975	1045	5.88	cps
Molybdenum	95-1	233	275	333	281	17.90	cps
Molybdenum	96-1	542	575	492	536	7.82	cps
Molybdenum	97-1	167	250	242	219	20.91	cps
Neodymium	150-1	2407	2760	2654	2607	6.95	cps
Neodymium	150-2	370	420	353	381	9.10	cps
Nickel	60-2	343198	344270	340489	342652	0.57	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	83732	83649	84847	84076	0.80	cps
Rhodium	103-1	7554099	7598137	7198665	7450300	2.94	cps
Rhodium	103-2	2245147	2252437	2206371	2234652	1.11	cps
Scandium	45-1	4350769	4360878	4174383	4295343	2.44	cps
Scandium	45-2	47122	47667	45788	46859	2.06	cps
Selenium	77-2	113	127	93	111	15.10	cps
Selenium	78-2	363	339	330	344	5.00	cps
Selenium	82-1	12863	12563	12707	12711	1.18	cps
Silicon	28-1	24628124	24567681	25014147	24736651	0.98	cps
Silver	109-1	453410	455061	457158	455210	0.41	cps
Silver	107-1	481189	477232	482653	480358	0.58	cps
Sodium	23-2	205716	209756	210915	208796	1.31	cps
Strontium	86-1	195551	194372	193653	194525	0.49	cps
Strontium	88-1	1725371	1712731	1708378	1715493	0.51	cps
Sulfur	34-1	539045	540839	541190	540358	0.21	cps
Terbium	159-1	10455766	10487217	9929207	10290730	3.05	cps
Terbium	159-2	2277253	2270011	2210773	2252679	1.62	cps
Thallium	203-1	365337	374840	372268	370815	1.33	cps
Thallium	205-1	875738	891879	886474	884697	0.93	cps
Tin	118-1	1200	1025	1033	1086	9.09	cps
Titanium	47-1	308	450	275	344	26.98	cps
Uranium	238-1	5026	5076	4910	5004	1.71	cps
Vanadium	51-2	404659	408364	408276	407100	0.52	cps
Yttrium	89-1	8295226	8364775	7825822	8161941	3.59	cps
Yttrium	89-2	308962	310509	299575	306349	1.93	cps
Zinc	66-2	108359	107610	106697	107555	0.77	cps
Zirconium	90-1	2075	2459	2084	2206	9.93	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-11	Instrumnet Name :	P8
Client Sample ID :	MH0CJ3S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:39:19	DataFile Name :	080SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	492	533	481	12.30	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-12 Instrumnet Name : P8
 Client Sample ID : MH0CJ5 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:42:25 DataFile Name : 081SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	117	50	78	44.61	cps
Antimony	121-1	3042	2550	2675	2756	9.27	cps
Arsenic	75-2	144	150	165	153	6.88	cps
Barium	135-1	39736	38524	37997	38752	2.30	cps
Barium	137-1	69139	69700	67733	68857	1.47	cps
Beryllium	9-1	178	172	217	189	12.82	cps
Bismuth	209-1	6370635	6265143	6303642	6313140	0.85	cps
Bismuth	209-2	1880974	1892203	1859874	1877684	0.87	cps
Boron	11-1	3892	3942	3809	3881	1.74	cps
Boron	10-1	875	917	900	897	2.34	cps
Cadmium	106-1	1375	1208	1400	1328	7.85	cps
Cadmium	108-1	21	25	25	24	10.20	cps
Cadmium	111-1	1115	978	1075	1056	6.64	cps
Calcium	43-1	215117	215477	210767	213787	1.23	cps
Calcium	44-1	3563788	3595847	3541123	3566919	0.77	cps
Chromium	52-2	743	737	827	769	6.52	cps
Cobalt	59-2	2114	2017	1863	1998	6.31	cps
Copper	63-2	2304	2340	2420	2355	2.53	cps
Dysprosium	156-1	800	867	833	833	4.00	cps
Dysprosium	156-2	230	237	297	254	14.43	cps
Erbium	164-1	950	1008	967	975	3.08	cps
Erbium	164-2	220	197	170	196	12.79	cps
Gadolinium	160-1	967	925	867	920	5.46	cps
Gadolinium	160-2	300	273	303	292	5.63	cps
Holmium	165-1	10272387	10078995	10027659	10126347	1.27	cps
Holmium	165-2	2374193	2378101	2329619	2360638	1.14	cps
Indium	115-1	8263529	8067746	8138715	8156663	1.22	cps
Indium	115-2	411220	412552	406403	410058	0.79	cps
Iron	56-2	156473	156495	155220	156063	0.47	cps
Iron	57-2	3973	3912	3912	3932	0.90	cps
Lead	206-1	922	950	906	926	2.42	cps
Lead	207-1	911	800	822	844	6.96	cps
Lead	208-1	4352	3678	3523	3851	11.45	cps
Lithium	6-1	1111268	1104616	1116175	1110686	0.52	cps
Magnesium	24-2	112005	110058	108613	110225	1.54	cps
Manganese	55-2	40743	40833	40529	40701	0.38	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-12	Instrumnet Name :	P8
Client Sample ID :	MH0CJ5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:42:25	DataFile Name :	081SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	8320	8044	7928	8097	2.49	cps
Molybdenum	94-1	4451	4042	4293	4262	4.83	cps
Molybdenum	95-1	4876	4443	5118	4812	7.11	cps
Molybdenum	96-1	5802	5835	5877	5838	0.64	cps
Molybdenum	97-1	3526	3050	3092	3223	8.16	cps
Neodymium	150-1	753	720	740	738	2.27	cps
Neodymium	150-2	113	117	103	111	6.24	cps
Nickel	60-2	613	643	627	628	2.39	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	76198	78326	77707	77410	1.41	cps
Rhodium	103-1	7513947	7540965	7531841	7528918	0.18	cps
Rhodium	103-2	2258261	2259957	2232714	2250311	0.68	cps
Scandium	45-1	4348252	4341538	4321465	4337085	0.32	cps
Scandium	45-2	46540	47229	47480	47083	1.03	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-99	33	-22	-29	-228.66	cps
Silicon	28-1	16777955	16790275	16797117	16788449	0.06	cps
Silver	109-1	950	933	1017	967	4.56	cps
Silver	107-1	1008	1050	1042	1033	2.13	cps
Sodium	23-2	282861	284013	277234	281369	1.29	cps
Strontium	86-1	232499	232946	231123	232189	0.41	cps
Strontium	88-1	2046110	2053337	2060334	2053260	0.35	cps
Sulfur	34-1	492761	491398	491195	491784	0.17	cps
Terbium	159-1	10464011	10549080	10447760	10486951	0.52	cps
Terbium	159-2	2275230	2270012	2258659	2267967	0.37	cps
Thallium	203-1	217	183	192	197	8.80	cps
Thallium	205-1	675	433	508	539	22.95	cps
Tin	118-1	817	708	858	795	9.75	cps
Titanium	47-1	350	367	300	339	10.24	cps
Uranium	238-1	5151	5143	4651	4982	5.75	cps
Vanadium	51-2	70	83	87	80	11.03	cps
Yttrium	89-1	8272418	8236218	8309294	8272644	0.44	cps
Yttrium	89-2	304792	310495	306355	307214	0.96	cps
Zinc	66-2	5394	5208	5368	5323	1.90	cps
Zirconium	90-1	2542	2759	2459	2587	5.99	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-12	Instrumnet Name :	P8
Client Sample ID :	MH0CJ5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:42:25	DataFile Name :	081SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	675	1152	789	40.62	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-13	Instrumnet Name :	P8
Client Sample ID :	MH0CJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:45:31	DataFile Name :	082SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	542	592	556	5.68	cps
Antimony	121-1	2692	2784	2617	2698	3.10	cps
Arsenic	75-2	26	59	59	48	39.96	cps
Barium	135-1	201368	199042	195953	198787	1.37	cps
Barium	137-1	346659	347087	345404	346383	0.25	cps
Beryllium	9-1	517	489	544	517	5.38	cps
Bismuth	209-1	6241840	6316229	6196928	6251666	0.96	cps
Bismuth	209-2	1827232	1824062	1799189	1816828	0.85	cps
Boron	11-1	4184	4217	4618	4340	5.56	cps
Boron	10-1	842	975	942	920	7.55	cps
Cadmium	106-1	2467	2200	2292	2320	5.84	cps
Cadmium	108-1	583	825	688	699	17.35	cps
Cadmium	111-1	10705	10525	10347	10526	1.70	cps
Calcium	43-1	468274	473838	471656	471256	0.59	cps
Calcium	44-1	7735153	7773203	7761479	7756612	0.25	cps
Chromium	52-2	757	743	703	734	3.78	cps
Cobalt	59-2	283	280	340	301	11.20	cps
Copper	63-2	4638	4524	4571	4577	1.24	cps
Dysprosium	156-1	2150	2584	2400	2378	9.15	cps
Dysprosium	156-2	690	637	573	633	9.22	cps
Erbium	164-1	2359	2367	2250	2325	2.80	cps
Erbium	164-2	420	527	460	469	11.49	cps
Gadolinium	160-1	2642	2900	2559	2700	6.60	cps
Gadolinium	160-2	880	770	790	813	7.20	cps
Holmium	165-1	9962169	9993779	9907599	9954515	0.44	cps
Holmium	165-2	2291035	2266625	2234173	2263944	1.26	cps
Indium	115-1	7964105	8059961	7972353	7998806	0.66	cps
Indium	115-2	397595	392875	390060	393510	0.97	cps
Iron	56-2	15048	14938	14953	14980	0.40	cps
Iron	57-2	461	406	400	422	8.00	cps
Lead	206-1	4318	4484	4445	4416	1.98	cps
Lead	207-1	3806	3967	3906	3893	2.09	cps
Lead	208-1	17238	17483	17989	17570	2.18	cps
Lithium	6-1	1105877	1114391	1100686	1106985	0.63	cps
Magnesium	24-2	244639	240106	238069	240938	1.40	cps
Manganese	55-2	12492	12602	12379	12491	0.89	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-13	Instrumnet Name :	P8
Client Sample ID :	MH0CJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:45:31	DataFile Name :	082SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	75	125	117	106	25.38	cps
Molybdenum	94-1	608	608	617	611	0.79	cps
Molybdenum	95-1	25	8	25	19	49.50	cps
Molybdenum	96-1	133	242	175	183	29.81	cps
Molybdenum	97-1	50	50	83	61	31.50	cps
Neodymium	150-1	3174	3194	3354	3241	3.05	cps
Neodymium	150-2	447	463	427	446	4.12	cps
Nickel	60-2	3637	3681	3564	3627	1.63	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	79533	78561	76585	78226	1.92	cps
Rhodium	103-1	7379835	7445443	7397687	7407655	0.46	cps
Rhodium	103-2	2193540	2163417	2140404	2165787	1.23	cps
Scandium	45-1	4235431	4289969	4235183	4253528	0.74	cps
Scandium	45-2	44781	45310	44999	45030	0.59	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-24	-34	71	4	1358.30	cps
Silicon	28-1	12725794	12761583	12854938	12780771	0.52	cps
Silver	109-1	1100	1459	1325	1295	13.99	cps
Silver	107-1	1525	1450	1458	1478	2.78	cps
Sodium	23-2	264351	261805	262217	262791	0.52	cps
Strontium	86-1	437083	436579	435034	436232	0.24	cps
Strontium	88-1	3866289	3863593	3856861	3862248	0.13	cps
Sulfur	34-1	945938	949034	965539	953503	1.11	cps
Terbium	159-1	10322152	10324000	10360329	10335494	0.21	cps
Terbium	159-2	2228581	2188467	2177226	2198091	1.23	cps
Thallium	203-1	1025	1058	958	1014	5.02	cps
Thallium	205-1	2217	2417	2075	2236	7.68	cps
Tin	118-1	850	875	850	858	1.68	cps
Titanium	47-1	250	258	342	283	17.89	cps
Uranium	238-1	1458	1333	1400	1397	4.48	cps
Vanadium	51-2	50	30	53	44	28.39	cps
Yttrium	89-1	8186802	8178161	8125679	8163547	0.41	cps
Yttrium	89-2	301866	298720	296124	298903	0.96	cps
Zinc	66-2	228717	225886	225282	226628	0.81	cps
Zirconium	90-1	1784	1734	1634	1717	4.45	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-13	Instrumnet Name :	P8
Client Sample ID :	MH0CJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:45:31	DataFile Name :	082SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	350	325	358	10.66	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-14 Instrumnet Name : P8
 Client Sample ID : MH0CJ9 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:48:37 DataFile Name : 083SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	175	150	156	11.15	cps
Antimony	121-1	2875	2725	2700	2767	3.42	cps
Arsenic	75-2	2221	2241	2191	2217	1.13	cps
Barium	135-1	32081	33034	33084	32733	1.73	cps
Barium	137-1	57836	57384	57342	57521	0.48	cps
Beryllium	9-1	194	194	167	185	8.66	cps
Bismuth	209-1	6515729	6350651	6498637	6455006	1.41	cps
Bismuth	209-2	1949406	1894445	1880191	1908014	1.92	cps
Boron	11-1	5268	5576	5843	5562	5.18	cps
Boron	10-1	1283	1167	1133	1195	6.59	cps
Cadmium	106-1	1292	1358	1350	1333	2.72	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Cadmium	111-1	915	983	973	957	3.83	cps
Calcium	43-1	212761	212376	212806	212648	0.11	cps
Calcium	44-1	3529637	3555212	3525371	3536740	0.46	cps
Chromium	52-2	1027	947	950	974	4.64	cps
Cobalt	59-2	5041	5021	5108	5057	0.90	cps
Copper	63-2	2354	2307	2367	2342	1.35	cps
Dysprosium	156-1	4026	4201	4068	4098	2.23	cps
Dysprosium	156-2	1220	1277	1097	1198	7.68	cps
Erbium	164-1	4318	4443	4451	4404	1.70	cps
Erbium	164-2	900	920	937	919	2.00	cps
Gadolinium	160-1	4318	4201	5135	4551	11.18	cps
Gadolinium	160-2	1380	1367	1257	1335	5.07	cps
Holmium	165-1	10290618	10077932	10192687	10187079	1.04	cps
Holmium	165-2	2383103	2375263	2332118	2363495	1.16	cps
Indium	115-1	8239287	8151255	8240734	8210425	0.62	cps
Indium	115-2	415410	408138	406365	409971	1.17	cps
Iron	56-2	2104499	2053174	2052170	2069948	1.45	cps
Iron	57-2	51284	50575	49706	50521	1.56	cps
Lead	206-1	2195	2417	2389	2334	5.19	cps
Lead	207-1	1934	2228	2000	2054	7.52	cps
Lead	208-1	8946	9663	9435	9348	3.92	cps
Lithium	6-1	1145816	1124239	1154427	1141494	1.36	cps
Magnesium	24-2	80285	77880	78945	79037	1.52	cps
Manganese	55-2	66307	65242	65583	65710	0.83	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-14	Instrumnet Name :	P8
Client Sample ID :	MH0CJ9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:48:37	DataFile Name :	083SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	42953	43120	42919	42997	0.25	cps
Molybdenum	94-1	16545	17129	17028	16901	1.85	cps
Molybdenum	95-1	26844	26159	26861	26621	1.50	cps
Molybdenum	96-1	28022	27571	27504	27699	1.02	cps
Molybdenum	97-1	16285	16711	16469	16488	1.29	cps
Neodymium	150-1	3794	4401	3967	4054	7.71	cps
Neodymium	150-2	653	613	597	621	4.69	cps
Nickel	60-2	923	1037	930	963	6.60	cps
Phosphorus	31-2	33	8	17	19	65.47	cps
Potassium	39-2	82182	80421	81552	81385	1.10	cps
Rhodium	103-1	7572899	7569795	7644955	7595883	0.56	cps
Rhodium	103-2	2295633	2259277	2248684	2267864	1.09	cps
Scandium	45-1	4404556	4353337	4363813	4373902	0.62	cps
Scandium	45-2	47497	47193	47450	47380	0.35	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	-28	-10	-82	-40	-93.01	cps
Silicon	28-1	8957395	8902298	9056241	8971978	0.87	cps
Silver	109-1	1592	1609	1634	1611	1.30	cps
Silver	107-1	1584	1734	1834	1717	7.33	cps
Sodium	23-2	325938	323862	330161	326654	0.98	cps
Strontium	86-1	159952	162185	161269	161135	0.70	cps
Strontium	88-1	1410698	1395727	1425154	1410527	1.04	cps
Sulfur	34-1	549967	549175	552762	550635	0.34	cps
Terbium	159-1	10741572	10459549	10596903	10599342	1.33	cps
Terbium	159-2	2302477	2274270	2290506	2289084	0.62	cps
Thallium	203-1	125	150	150	142	10.19	cps
Thallium	205-1	325	275	333	311	10.14	cps
Tin	118-1	1175	1133	1117	1142	2.63	cps
Titanium	47-1	375	417	383	392	5.63	cps
Uranium	238-1	11005	11248	11255	11170	1.27	cps
Vanadium	51-2	143	167	170	160	9.08	cps
Yttrium	89-1	8484729	8401592	8443739	8443353	0.49	cps
Yttrium	89-2	316204	310345	310860	312469	1.04	cps
Zinc	66-2	2654	2697	2637	2663	1.16	cps
Zirconium	90-1	4702	4060	4994	4585	10.43	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-14	Instrumnet Name :	P8
Client Sample ID :	MH0CJ9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:48:37	DataFile Name :	083SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1258	1150	1317	1242	6.81	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-15 Instrumnet Name : P8
 Client Sample ID : MH0CK1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:51:44 DataFile Name : 084SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	192	192	186	5.17	cps
Antimony	121-1	3726	4042	4076	3948	4.89	cps
Arsenic	75-2	113	113	120	115	3.71	cps
Barium	135-1	52246	52497	52564	52435	0.32	cps
Barium	137-1	93831	93177	89929	92312	2.26	cps
Beryllium	9-1	272	294	317	294	7.55	cps
Bismuth	209-1	6520174	6486641	6464761	6490525	0.43	cps
Bismuth	209-2	1919049	1909164	1919460	1915891	0.30	cps
Boron	11-1	3967	4267	3926	4054	4.60	cps
Boron	10-1	1000	900	1067	989	8.48	cps
Cadmium	106-1	1392	1584	1367	1447	8.19	cps
Cadmium	108-1	25	29	50	35	38.57	cps
Cadmium	111-1	1307	1451	1255	1337	7.57	cps
Calcium	43-1	251635	251329	248707	250557	0.64	cps
Calcium	44-1	4153778	4140834	4167108	4153907	0.32	cps
Chromium	52-2	783	727	910	807	11.64	cps
Cobalt	59-2	8423	8169	8369	8320	1.61	cps
Copper	63-2	4017	4101	4061	4060	1.03	cps
Dysprosium	156-1	2067	2675	2109	2284	14.89	cps
Dysprosium	156-2	750	690	680	707	5.36	cps
Erbium	164-1	2450	2825	2600	2625	7.19	cps
Erbium	164-2	597	617	533	582	7.47	cps
Gadolinium	160-1	2425	2509	2750	2561	6.59	cps
Gadolinium	160-2	803	840	843	829	2.68	cps
Holmium	165-1	10307010	10247323	10326104	10293479	0.40	cps
Holmium	165-2	2408227	2356540	2369152	2377973	1.13	cps
Indium	115-1	8276462	8212362	8281546	8256790	0.47	cps
Indium	115-2	412386	412506	409191	411361	0.46	cps
Iron	56-2	59410	59555	58433	59133	1.03	cps
Iron	57-2	1761	1656	1500	1639	8.02	cps
Lead	206-1	2806	2917	2867	2863	1.94	cps
Lead	207-1	2756	2545	2356	2552	7.84	cps
Lead	208-1	11519	11158	11174	11284	1.81	cps
Lithium	6-1	1167864	1145330	1130129	1147774	1.65	cps
Magnesium	24-2	118759	117617	119129	118501	0.66	cps
Manganese	55-2	37397	37848	37795	37680	0.65	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-15	Instrumnet Name :	P8
Client Sample ID :	MH0CK1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:51:44	DataFile Name :	084SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	13824	13849	14291	13988	1.88	cps
Molybdenum	94-1	6093	6135	6210	6146	0.96	cps
Molybdenum	95-1	8636	8553	8603	8598	0.49	cps
Molybdenum	96-1	9979	9187	9412	9526	4.29	cps
Molybdenum	97-1	5393	5593	5335	5440	2.49	cps
Neodymium	150-1	2607	2347	2320	2425	6.53	cps
Neodymium	150-2	350	387	330	356	8.08	cps
Nickel	60-2	1157	1230	1253	1213	4.16	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	85291	83733	84051	84358	0.98	cps
Rhodium	103-1	7677587	7655277	7649152	7660672	0.20	cps
Rhodium	103-2	2270275	2263578	2289924	2274592	0.60	cps
Scandium	45-1	4418991	4430797	4320262	4390017	1.38	cps
Scandium	45-2	47560	47018	47306	47295	0.57	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-21	50	87	39	141.41	cps
Silicon	28-1	16819414	17012065	16816338	16882606	0.66	cps
Silver	109-1	1017	942	1117	1025	8.57	cps
Silver	107-1	1050	1192	1150	1131	6.44	cps
Sodium	23-2	716712	717804	720723	718413	0.29	cps
Strontium	86-1	260756	255475	259379	258537	1.06	cps
Strontium	88-1	2293930	2284006	2271762	2283233	0.49	cps
Sulfur	34-1	650393	653652	645897	649981	0.60	cps
Terbium	159-1	10730134	10657957	10647699	10678597	0.42	cps
Terbium	159-2	2296105	2302092	2309362	2302520	0.29	cps
Thallium	203-1	400	292	258	317	23.39	cps
Thallium	205-1	683	742	750	725	5.01	cps
Tin	118-1	1042	858	758	886	16.22	cps
Titanium	47-1	350	250	308	303	16.59	cps
Uranium	238-1	8303	8337	7478	8039	6.05	cps
Vanadium	51-2	50	40	57	49	17.16	cps
Yttrium	89-1	8445639	8424292	8374954	8414961	0.43	cps
Yttrium	89-2	312663	310233	311677	311524	0.39	cps
Zinc	66-2	7952	8376	8513	8280	3.53	cps
Zirconium	90-1	3376	3326	3051	3251	5.39	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-15	Instrumnet Name :	P8
Client Sample ID :	MH0CK1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:51:44	DataFile Name :	084SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	858	1084	861	25.68	cps

LB Number : LB90143 Operator : Jaswal
 Lab Sample ID : I5239-16 Instrumnet Name : P8
 Client Sample ID : MH0CK3 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-15 18:54:51 DataFile Name : 085SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	92	75	89	14.33	cps
Antimony	121-1	5418	5985	5852	5751	5.15	cps
Arsenic	75-2	726	665	696	696	4.39	cps
Barium	135-1	103621	103016	100842	102493	1.43	cps
Barium	137-1	180516	179680	177805	179333	0.77	cps
Beryllium	9-1	139	111	139	130	12.37	cps
Bismuth	209-1	6380604	6224403	6254427	6286478	1.32	cps
Bismuth	209-2	1903422	1906378	1883975	1897925	0.64	cps
Boron	11-1	4351	4484	4318	4384	2.01	cps
Boron	10-1	942	917	1108	989	10.54	cps
Cadmium	106-1	1533	1283	1283	1367	10.56	cps
Cadmium	108-1	13	38	21	24	53.92	cps
Cadmium	111-1	1148	956	984	1029	10.10	cps
Calcium	43-1	629048	621158	620696	623634	0.75	cps
Calcium	44-1	10370196	10373456	10371723	10371792	0.02	cps
Chromium	52-2	720	673	783	726	7.61	cps
Cobalt	59-2	1080	980	1010	1023	5.01	cps
Copper	63-2	2737	2557	2690	2661	3.51	cps
Dysprosium	156-1	242	183	267	231	18.55	cps
Dysprosium	156-2	50	83	63	66	25.60	cps
Erbium	164-1	142	167	250	186	30.48	cps
Erbium	164-2	37	23	53	38	39.79	cps
Gadolinium	160-1	367	400	250	339	23.24	cps
Gadolinium	160-2	77	67	87	77	13.04	cps
Holmium	165-1	10170015	9989049	10066767	10075277	0.90	cps
Holmium	165-2	2361628	2375587	2341335	2359517	0.73	cps
Indium	115-1	8171087	8047474	8213553	8144038	1.06	cps
Indium	115-2	414423	410647	411677	412249	0.47	cps
Iron	56-2	26554	26737	25680	26324	2.15	cps
Iron	57-2	650	822	733	735	11.71	cps
Lead	206-1	1217	1245	1245	1235	1.30	cps
Lead	207-1	1133	1000	1078	1070	6.26	cps
Lead	208-1	5073	4739	4728	4847	4.04	cps
Lithium	6-1	1123934	1089739	1114045	1109239	1.59	cps
Magnesium	24-2	298754	296211	294267	296411	0.76	cps
Manganese	55-2	45096	45611	44869	45192	0.84	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-16	Instrumnet Name :	P8
Client Sample ID :	MH0CK3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:54:51	DataFile Name :	085SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	725	775	692	731	5.74	cps
Molybdenum	94-1	650	883	1059	864	23.73	cps
Molybdenum	95-1	367	433	417	406	8.55	cps
Molybdenum	96-1	575	567	592	578	2.20	cps
Molybdenum	97-1	350	325	267	314	13.62	cps
Neodymium	150-1	273	380	280	311	19.21	cps
Neodymium	150-2	37	33	50	40	22.05	cps
Nickel	60-2	1273	1273	1273	1273	0.00	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	151953	151339	149276	150856	0.93	cps
Rhodium	103-1	7573868	7325611	7421070	7440183	1.68	cps
Rhodium	103-2	2268451	2276926	2253165	2266181	0.53	cps
Scandium	45-1	4362209	4285234	4372224	4339889	1.10	cps
Scandium	45-2	47654	48182	47634	47823	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-30	-1	-19	-17	-87.86	cps
Silicon	28-1	1726644	1707905	1722621	1719056	0.57	cps
Silver	109-1	667	700	800	722	9.61	cps
Silver	107-1	775	842	958	858	10.81	cps
Sodium	23-2	335283	334815	332163	334087	0.50	cps
Strontium	86-1	517781	513193	512670	514548	0.55	cps
Strontium	88-1	4570461	4545675	4429216	4515117	1.67	cps
Sulfur	34-1	1130732	1130659	1122259	1127883	0.43	cps
Terbium	159-1	10555424	10317209	10454114	10442249	1.14	cps
Terbium	159-2	2329317	2295336	2289161	2304604	0.94	cps
Thallium	203-1	358	333	292	328	10.27	cps
Thallium	205-1	858	892	725	825	10.69	cps
Tin	118-1	1075	1242	975	1097	12.28	cps
Titanium	47-1	167	175	175	172	2.79	cps
Uranium	238-1	1559	1333	1750	1547	13.48	cps
Vanadium	51-2	30	20	10	20	50.00	cps
Yttrium	89-1	8350853	8072079	8211167	8211367	1.70	cps
Yttrium	89-2	311225	310425	308143	309931	0.52	cps
Zinc	66-2	6342	6268	6198	6269	1.14	cps
Zirconium	90-1	1442	1242	1417	1367	7.98	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-16	Instrumnet Name :	P8
Client Sample ID :	MH0CK3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:54:51	DataFile Name :	085SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	392	250	325	21.90	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-17	Instrumnet Name :	P8
Client Sample ID :	MH0CK7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:57:57	DataFile Name :	086SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7336	6852	6952	7047	3.62	cps
Antimony	121-1	2709	2559	3367	2878	14.94	cps
Arsenic	75-2	98	91	100	96	5.09	cps
Barium	135-1	100556	103637	104838	103010	2.14	cps
Barium	137-1	177307	178888	182746	179647	1.56	cps
Beryllium	9-1	906	967	828	900	7.74	cps
Bismuth	209-1	6267857	6307506	6323816	6299726	0.46	cps
Bismuth	209-2	1888426	1859796	1884419	1877547	0.83	cps
Boron	11-1	3100	3434	3184	3239	5.36	cps
Boron	10-1	642	642	833	706	15.68	cps
Cadmium	106-1	1575	1633	1542	1583	2.93	cps
Cadmium	108-1	71	38	100	69	45.03	cps
Cadmium	111-1	1628	1721	1722	1690	3.19	cps
Calcium	43-1	148856	151070	150550	150159	0.77	cps
Calcium	44-1	2496974	2533701	2562723	2531133	1.30	cps
Chromium	52-2	803	673	663	713	10.95	cps
Cobalt	59-2	2274	2050	2437	2254	8.61	cps
Copper	63-2	5488	5468	5264	5407	2.29	cps
Dysprosium	156-1	20383	22019	21110	21171	3.87	cps
Dysprosium	156-2	5541	5638	5771	5650	2.04	cps
Erbium	164-1	20183	20417	20242	20280	0.60	cps
Erbium	164-2	4344	4224	4548	4372	3.74	cps
Gadolinium	160-1	22261	22186	22178	22209	0.21	cps
Gadolinium	160-2	6902	7042	6695	6880	2.54	cps
Holmium	165-1	9831420	10108777	9933183	9957794	1.41	cps
Holmium	165-2	2344348	2310500	2317871	2324240	0.77	cps
Indium	115-1	7923015	8009752	8006733	7979833	0.62	cps
Indium	115-2	405961	404046	396488	402165	1.25	cps
Iron	56-2	252898	252700	253854	253151	0.24	cps
Iron	57-2	6513	6285	6190	6329	2.62	cps
Lead	206-1	20745	21246	21318	21103	1.48	cps
Lead	207-1	17652	18375	18686	18238	2.91	cps
Lead	208-1	81760	84668	84433	83620	1.93	cps
Lithium	6-1	1107427	1088990	1121371	1105929	1.47	cps
Magnesium	24-2	74671	74220	72536	73809	1.52	cps
Manganese	55-2	44768	44541	44120	44476	0.74	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-17	Instrumnet Name :	P8
Client Sample ID :	MH0CK7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:57:57	DataFile Name :	086SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	92	33	42	56	56.79	cps
Molybdenum	94-1	758	708	717	728	3.68	cps
Molybdenum	95-1	33	67	0	33	100.01	cps
Molybdenum	96-1	175	150	117	147	19.88	cps
Molybdenum	97-1	50	83	58	64	27.15	cps
Neodymium	150-1	25145	24243	26340	25243	4.17	cps
Neodymium	150-2	3827	3784	3567	3726	3.74	cps
Nickel	60-2	1097	1187	1080	1121	5.12	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	103537	102581	102665	102928	0.51	cps
Rhodium	103-1	7365919	7435496	7413915	7405110	0.48	cps
Rhodium	103-2	2291684	2244529	2220333	2252182	1.61	cps
Scandium	45-1	4223470	4287649	4303456	4271525	0.99	cps
Scandium	45-2	46798	46159	45544	46167	1.36	cps
Selenium	77-2	13	17	30	20	44.10	cps
Selenium	78-2	19	15	24	19	24.36	cps
Selenium	82-1	-52	-33	7	-26	-116.15	cps
Silicon	28-1	29050574	29267626	29150862	29156354	0.37	cps
Silver	109-1	683	775	700	720	6.79	cps
Silver	107-1	850	683	792	775	10.91	cps
Sodium	23-2	157329	157411	156072	156937	0.48	cps
Strontium	86-1	148357	151879	152940	151059	1.59	cps
Strontium	88-1	1294763	1309554	1310695	1305004	0.68	cps
Sulfur	34-1	617604	618453	618926	618328	0.11	cps
Terbium	159-1	10266423	10465225	10350618	10360755	0.96	cps
Terbium	159-2	2247858	2262852	2236192	2248967	0.59	cps
Thallium	203-1	1592	1383	1483	1486	7.01	cps
Thallium	205-1	3626	3484	3451	3520	2.64	cps
Tin	118-1	750	850	792	797	6.30	cps
Titanium	47-1	275	342	367	328	14.46	cps
Uranium	238-1	31925	32560	33087	32524	1.79	cps
Vanadium	51-2	37	23	37	32	23.90	cps
Yttrium	89-1	8247769	8446237	8399662	8364556	1.24	cps
Yttrium	89-2	315176	315203	310670	313683	0.83	cps
Zinc	66-2	24111	24552	24031	24231	1.16	cps
Zirconium	90-1	1992	1900	1975	1956	2.50	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-17	Instrumnet Name :	P8
Client Sample ID :	MH0CK7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 18:57:57	DataFile Name :	086SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	517	500	383	467	15.57	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-18	Instrumnet Name :	P8
Client Sample ID :	MH0CK9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:01:04	DataFile Name :	087SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	200	117	175	28.97	cps
Antimony	121-1	23497	23196	23096	23263	0.90	cps
Arsenic	75-2	859	830	826	838	2.18	cps
Barium	135-1	73948	74502	73127	73859	0.94	cps
Barium	137-1	130580	131371	131195	131049	0.32	cps
Beryllium	9-1	306	239	244	263	14.07	cps
Bismuth	209-1	6356625	6417562	6367364	6380517	0.51	cps
Bismuth	209-2	1867485	1856255	1851236	1858325	0.45	cps
Boron	11-1	10404	10771	10830	10668	2.16	cps
Boron	10-1	2192	2650	2342	2395	9.76	cps
Cadmium	106-1	1275	1709	1358	1447	15.89	cps
Cadmium	108-1	196	200	138	178	19.66	cps
Cadmium	111-1	1218	1485	1251	1318	11.06	cps
Calcium	43-1	1340676	1340274	1332750	1337900	0.33	cps
Calcium	44-1	21684667	21516775	21611247	21604230	0.39	cps
Chromium	52-2	11235	11588	11495	11439	1.60	cps
Cobalt	59-2	110209	111726	111633	111189	0.76	cps
Copper	63-2	52499	52920	51893	52437	0.98	cps
Dysprosium	156-1	1409	792	917	1039	31.39	cps
Dysprosium	156-2	260	300	233	264	12.69	cps
Erbium	164-1	1217	1158	1133	1170	3.66	cps
Erbium	164-2	243	243	303	263	13.15	cps
Gadolinium	160-1	1208	1225	1033	1156	9.19	cps
Gadolinium	160-2	337	373	307	339	9.85	cps
Holmium	165-1	10250756	10189453	10220919	10220376	0.30	cps
Holmium	165-2	2360465	2352956	2318334	2343918	0.96	cps
Indium	115-1	8091883	8140040	8106114	8112679	0.30	cps
Indium	115-2	399831	399598	394316	397915	0.78	cps
Iron	56-2	104661	107405	107242	106436	1.45	cps
Iron	57-2	2756	2517	2778	2684	5.40	cps
Lead	206-1	2250	2017	2184	2150	5.59	cps
Lead	207-1	1756	1911	1722	1796	5.61	cps
Lead	208-1	9002	8418	8340	8587	4.21	cps
Lithium	6-1	1151025	1135657	1119833	1135505	1.37	cps
Magnesium	24-2	153901	159282	156123	156435	1.73	cps
Manganese	55-2	208944	212432	209033	210137	0.95	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-18	Instrumnet Name :	P8
Client Sample ID :	MH0CK9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:01:04	DataFile Name :	087SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1439910	1428171	1395329	1421137	1.63	cps
Molybdenum	94-1	496084	491375	486332	491264	0.99	cps
Molybdenum	95-1	869911	866795	853237	863315	1.03	cps
Molybdenum	96-1	930130	931630	917018	926259	0.87	cps
Molybdenum	97-1	543933	537269	535374	538858	0.83	cps
Neodymium	150-1	980	1120	1013	1038	7.05	cps
Neodymium	150-2	127	153	153	144	10.66	cps
Nickel	60-2	8863	9160	9070	9031	1.69	cps
Phosphorus	31-2	25	8	0	11	114.58	cps
Potassium	39-2	122849	123773	127633	124751	2.03	cps
Rhodium	103-1	7433403	7460837	7321955	7405398	0.99	cps
Rhodium	103-2	2230872	2203522	2192671	2209022	0.89	cps
Scandium	45-1	4337546	4315289	4336394	4329743	0.29	cps
Scandium	45-2	46610	46785	46142	46512	0.71	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	6	6	6	6	0.00	cps
Selenium	82-1	171	60	199	143	51.44	cps
Silicon	28-1	27785389	27362789	27131821	27426667	1.21	cps
Silver	109-1	28798	27613	28515	28309	2.19	cps
Silver	107-1	29968	29809	29366	29714	1.05	cps
Sodium	23-2	7959016	8002315	7941192	7967508	0.39	cps
Strontium	86-1	668895	667889	664483	667089	0.35	cps
Strontium	88-1	5782506	5791587	5784063	5786052	0.08	cps
Sulfur	34-1	2182334	2181271	2113816	2159141	1.82	cps
Terbium	159-1	10632390	10574386	10469479	10558752	0.78	cps
Terbium	159-2	2244893	2254314	2235555	2244920	0.42	cps
Thallium	203-1	617	600	575	597	3.51	cps
Thallium	205-1	1283	1559	1534	1458	10.43	cps
Tin	118-1	1200	858	967	1008	17.32	cps
Titanium	47-1	533	500	542	525	4.20	cps
Uranium	238-1	500959	503715	500981	501885	0.32	cps
Vanadium	51-2	1803	1894	1833	1843	2.49	cps
Yttrium	89-1	8324166	8254323	8275455	8284648	0.43	cps
Yttrium	89-2	304734	302791	296554	301360	1.42	cps
Zinc	66-2	2727	3047	2797	2857	5.89	cps
Zirconium	90-1	3676	3901	3935	3837	3.67	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	I5239-18	Instrumnet Name :	P8
Client Sample ID :	MH0CK9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:01:04	DataFile Name :	087SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	883	883	858	875	1.65	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P8
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:07:09	DataFile Name :	089CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	381020	377257	382029	380102	0.66	cps
Antimony	121-1	4606444	4658313	4717103	4660620	1.19	cps
Arsenic	75-2	61283	60805	61540	61209	0.61	cps
Barium	135-1	4872051	4843800	4848519	4854790	0.31	cps
Barium	137-1	8355085	8426319	8347015	8376140	0.52	cps
Beryllium	9-1	588862	584397	587442	586900	0.39	cps
Bismuth	209-1	6116920	6062846	5858345	6012703	2.27	cps
Bismuth	209-2	1772219	1720147	1800613	1764326	2.31	cps
Boron	11-1	323005	324471	332423	326633	1.55	cps
Boron	10-1	71385	70189	71370	70981	0.97	cps
Cadmium	106-1	97510	100296	101018	99608	1.86	cps
Cadmium	108-1	67694	67690	67087	67490	0.52	cps
Cadmium	111-1	958120	966373	962342	962278	0.43	cps
Calcium	43-1	4448991	4472907	4474549	4465482	0.32	cps
Calcium	44-1	72878918	73092087	73089520	73020175	0.17	cps
Chromium	52-2	506288	505007	499014	503436	0.77	cps
Cobalt	59-2	1038244	1034264	1029481	1033997	0.42	cps
Copper	63-2	1750832	1756422	1733503	1746919	0.68	cps
Dysprosium	156-1	175	83	142	133	34.80	cps
Dysprosium	156-2	20	3	13	12	68.66	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	10	23	3	12	83.33	cps
Gadolinium	160-1	83	83	125	97	24.74	cps
Gadolinium	160-2	17	17	23	19	20.36	cps
Holmium	165-1	10044583	9951037	9763836	9919819	1.44	cps
Holmium	165-2	2352250	2321278	2363923	2345817	0.94	cps
Indium	115-1	7796747	7723164	7532132	7684014	1.78	cps
Indium	115-2	390357	388430	388390	389059	0.29	cps
Iron	56-2	81066116	81062485	80873496	81000699	0.14	cps
Iron	57-2	2069525	2073407	2071318	2071417	0.09	cps
Lead	206-1	2884883	2873820	2855090	2871264	0.52	cps
Lead	207-1	2629028	2595135	2649218	2624460	1.04	cps
Lead	208-1	11631270	11586161	11607043	11608158	0.19	cps
Lithium	6-1	1138768	1116225	1076432	1110475	2.84	cps
Magnesium	24-2	9349165	9283048	9208474	9280229	0.76	cps
Manganese	55-2	281484	280159	279301	280315	0.39	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P8
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:07:09	DataFile Name :	089CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3113180	3164759	3118589	3132176	0.91	cps
Molybdenum	94-1	3601558	3574906	3597428	3591297	0.40	cps
Molybdenum	95-1	1922203	1944762	1940686	1935884	0.62	cps
Molybdenum	96-1	2506850	2509962	2522058	2512957	0.32	cps
Molybdenum	97-1	1173514	1184351	1179565	1179143	0.46	cps
Neodymium	150-1	153	253	193	200	25.17	cps
Neodymium	150-2	3	3	17	8	99.04	cps
Nickel	60-2	294105	294183	293445	293911	0.14	cps
Phosphorus	31-2	5801	5718	5493	5671	2.81	cps
Potassium	39-2	2738790	2722201	2709392	2723461	0.54	cps
Rhodium	103-1	7017735	6979561	6752604	6916633	2.07	cps
Rhodium	103-2	2084325	2123289	2107958	2105191	0.93	cps
Scandium	45-1	4284748	4227565	4117183	4209832	2.02	cps
Scandium	45-2	47701	47222	46872	47265	0.88	cps
Selenium	77-2	480	390	410	427	11.08	cps
Selenium	78-2	1437	1533	1469	1480	3.32	cps
Selenium	82-1	58189	57627	58216	58011	0.57	cps
Silicon	28-1	1941599	1969521	1972658	1961259	0.87	cps
Silver	109-1	4531604	4491081	4503144	4508610	0.46	cps
Silver	107-1	4739301	4705132	4752487	4732307	0.52	cps
Sodium	23-2	22931821	22952224	22729922	22871322	0.54	cps
Strontium	86-1	1222916	1221585	1221796	1222099	0.06	cps
Strontium	88-1	10564105	10543137	10533609	10546950	0.15	cps
Sulfur	34-1	567159	570642	575139	570980	0.70	cps
Terbium	159-1	10437328	10431423	9983503	10284085	2.53	cps
Terbium	159-2	2295527	2277614	2276329	2283157	0.47	cps
Thallium	203-1	3525421	3521206	3567315	3537981	0.72	cps
Thallium	205-1	8345885	8312767	8318607	8325753	0.21	cps
Tin	118-1	3213746	3172888	3174605	3187079	0.73	cps
Titanium	47-1	468879	462366	461455	464233	0.87	cps
Uranium	238-1	11144572	11123251	11067193	11111672	0.36	cps
Vanadium	51-2	384750	379121	377527	380466	1.00	cps
Yttrium	89-1	8090664	8100393	7831288	8007448	1.91	cps
Yttrium	89-2	303357	300492	301136	301662	0.50	cps
Zinc	66-2	157900	155174	156997	156690	0.89	cps
Zirconium	90-1	6720460	6771335	6722622	6738139	0.43	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P8
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:07:09	DataFile Name :	089CCV_P8091517- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1510358	1504950	1513718	1509676	0.29	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P8
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:10:08	DataFile Name :	090CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	33	22	57.29	cps
Antimony	121-1	3000	2875	2592	2823	7.41	cps
Arsenic	75-2	11	7	6	8	35.21	cps
Barium	135-1	50	25	58	44	39.04	cps
Barium	137-1	42	58	92	64	39.85	cps
Beryllium	9-1	372	350	344	356	4.13	cps
Bismuth	209-1	6420537	6411920	6419411	6417289	0.07	cps
Bismuth	209-2	1908948	1866588	1752306	1842614	4.40	cps
Boron	11-1	9804	8661	8211	8892	9.23	cps
Boron	10-1	2067	1650	1967	1895	11.48	cps
Cadmium	106-1	1550	1525	1567	1547	1.36	cps
Cadmium	108-1	25	13	21	19	32.73	cps
Cadmium	111-1	1138	1134	1153	1142	0.88	cps
Calcium	43-1	1175	1208	1225	1203	2.12	cps
Calcium	44-1	21784	22118	22435	22113	1.47	cps
Chromium	52-2	793	790	723	769	5.14	cps
Cobalt	59-2	57	37	37	43	26.64	cps
Copper	63-2	350	373	297	340	11.56	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	75	17	0	31	128.88	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	117	42	33	64	71.84	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	10207595	10402316	10015852	10208588	1.89	cps
Holmium	165-2	2385188	2337738	2220260	2314395	3.67	cps
Indium	115-1	8323717	8353051	8173199	8283322	1.16	cps
Indium	115-2	416525	405879	388103	403502	3.56	cps
Iron	56-2	3323	3395	3273	3330	1.85	cps
Iron	57-2	67	133	56	85	49.38	cps
Lead	206-1	678	711	644	678	4.92	cps
Lead	207-1	683	706	567	652	11.45	cps
Lead	208-1	3011	2917	2689	2872	5.77	cps
Lithium	6-1	1160825	1165464	1145554	1157281	0.90	cps
Magnesium	24-2	250	258	242	250	3.33	cps
Manganese	55-2	73	73	73	73	0.01	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P8
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:10:08	DataFile Name :	090CCBE_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	700	775	533	669	18.48	cps
Molybdenum	94-1	758	700	725	728	4.02	cps
Molybdenum	95-1	600	392	425	472	23.70	cps
Molybdenum	96-1	700	583	542	608	13.49	cps
Molybdenum	97-1	425	292	275	331	24.87	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	143	147	117	136	12.13	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3801	3751	3684	3745	1.56	cps
Rhodium	103-1	7770057	7764620	7572847	7702508	1.46	cps
Rhodium	103-2	2287002	2250447	2120461	2219303	3.94	cps
Scandium	45-1	4376746	4454104	4318368	4383073	1.55	cps
Scandium	45-2	46667	47266	44745	46226	2.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	4	-97	-83	-59	-92.94	cps
Silicon	28-1	292527	293046	286552	290708	1.24	cps
Silver	109-1	583	558	633	592	6.45	cps
Silver	107-1	733	650	592	658	10.82	cps
Sodium	23-2	11072	10079	10171	10440	5.25	cps
Strontium	86-1	808	817	917	847	7.12	cps
Strontium	88-1	192	158	217	189	15.49	cps
Sulfur	34-1	296568	298917	297919	297801	0.40	cps
Terbium	159-1	10648192	10629503	10530698	10602797	0.60	cps
Terbium	159-2	2290860	2270498	2112422	2224593	4.39	cps
Thallium	203-1	508	475	483	489	3.55	cps
Thallium	205-1	1300	983	992	1092	16.53	cps
Tin	118-1	1675	1767	1584	1675	5.47	cps
Titanium	47-1	100	50	67	72	35.26	cps
Uranium	238-1	200	175	200	192	7.53	cps
Vanadium	51-2	13	17	27	19	36.75	cps
Yttrium	89-1	8486101	8447354	8277895	8403783	1.32	cps
Yttrium	89-2	309192	304516	292777	302162	2.80	cps
Zinc	66-2	70	93	90	84	14.95	cps
Zirconium	90-1	1392	1167	1250	1270	8.96	cps

LB Number :	LB90143	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P8
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2017-09-15 19:10:08	DataFile Name :	090CCBE_P8091517- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	217	250	272	25.49	cps