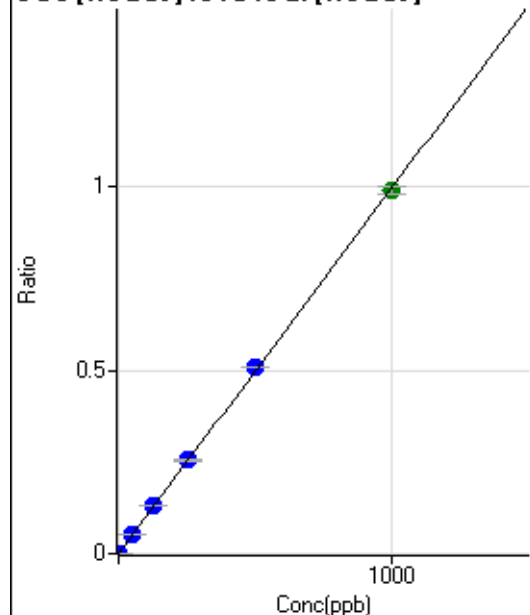


Batch Folder: D:\P8091517- MS .b\
Analysis File: P8091517- MS .batch.bin
DA Date-Time: 2017-09-18 13:49:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

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

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

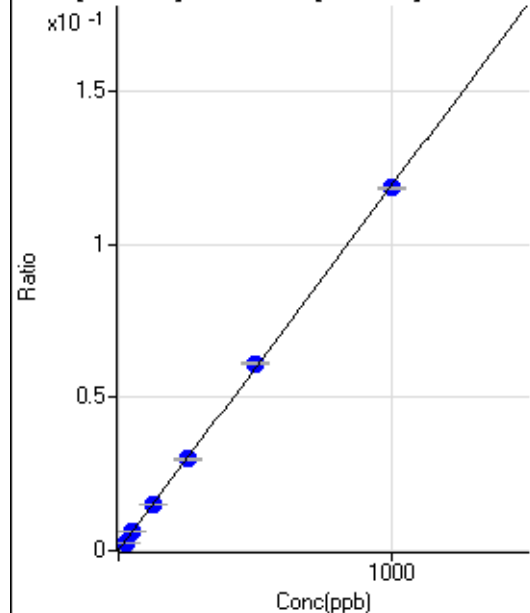
$$R = 0.9999$$

$$DL = 0.05623$$

$$BEC = 0.1009$$

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

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

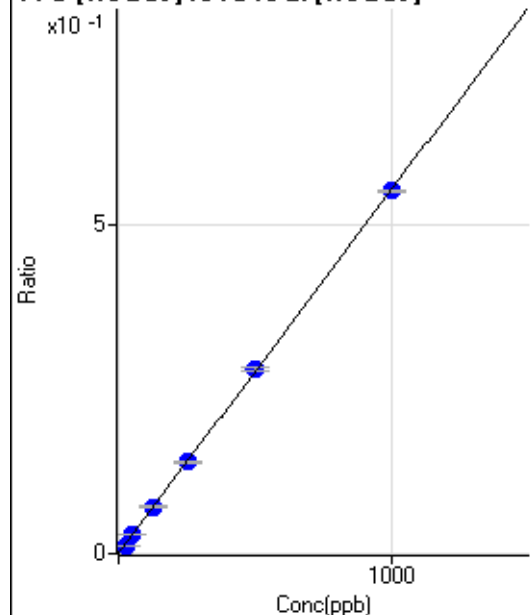
$$R = 0.9999$$

$$DL = 0.4267$$

$$BEC = 0.8939$$

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

$$y = 5.5217E-004 * x + 6.6409E-004$$

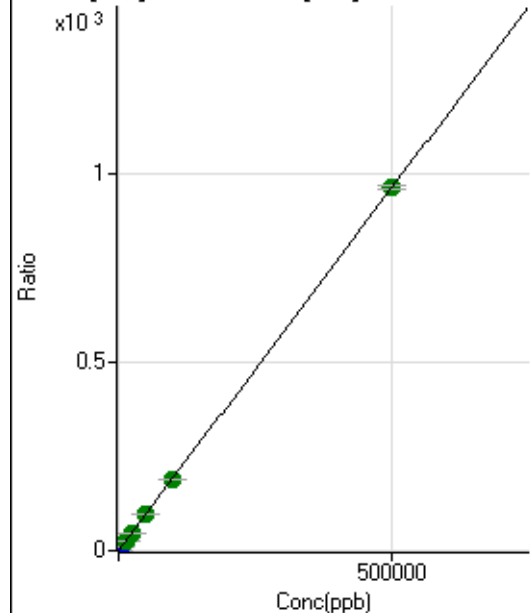
$$R = 1.0000$$

$$DL = 0.5088$$

$$BEC = 1.203$$

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

$$y = 0.0019 * x + 0.1411$$

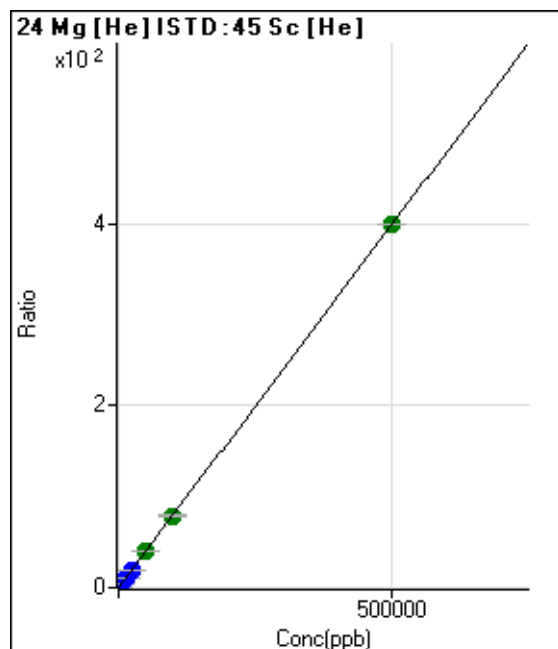
$$R = 1.0000$$

$$DL = 16.77$$

$$BEC = 73.19$$

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

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

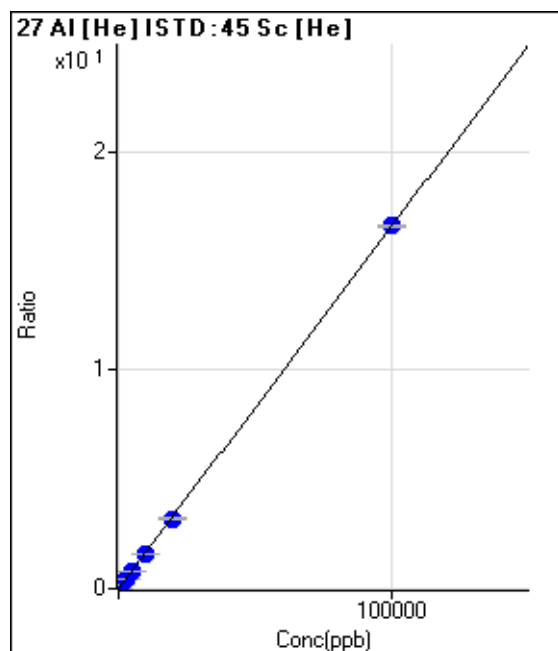
$$R = 1.0000$$

$$DL = 5.745$$

$$BEC = 12.16$$

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

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

$$R = 1.0000$$

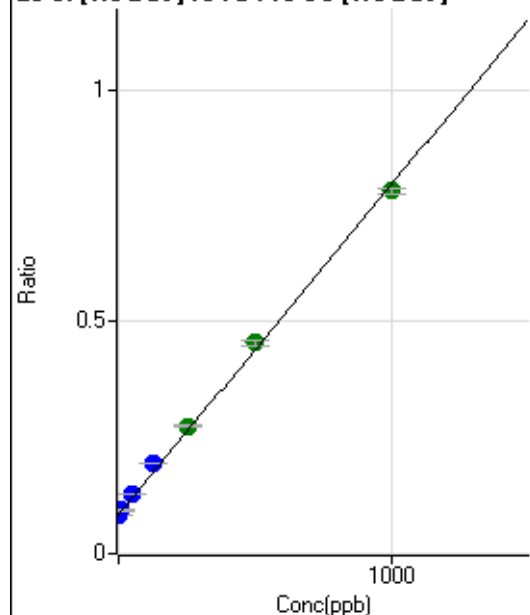
$$DL = 5.056$$

$$BEC = 3.814$$

Weight: <None>

Min Conc: 0

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



	R _j 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

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

$$R = 0.9992$$

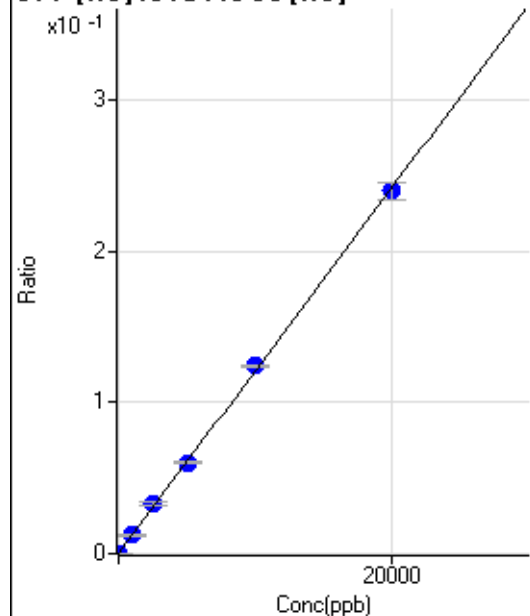
$$DL = 3.366$$

$$BEC = 118.7$$

Weight: <None>

Min Conc: 0

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



	R _j 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

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

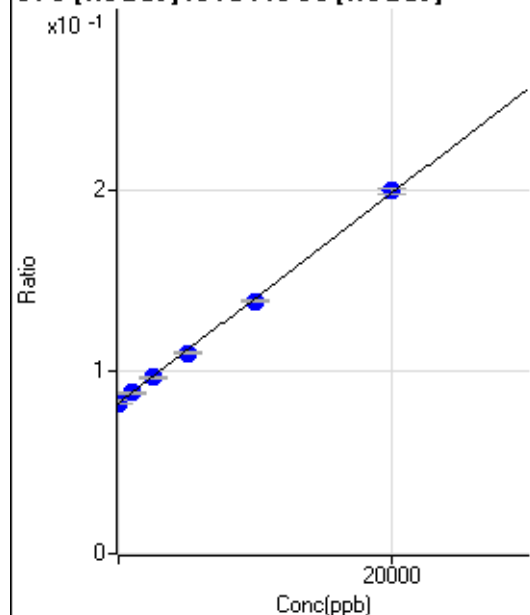
$$R = 0.9998$$

$$DL = 45.3$$

$$BEC = 15.11$$

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

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

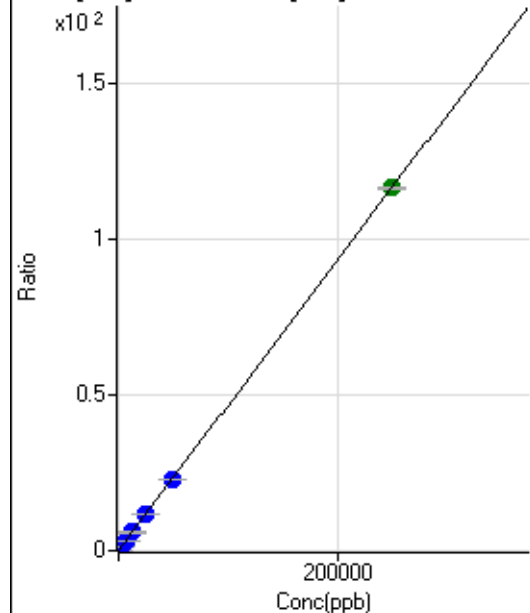
$$R = 0.9998$$

$$DL = 570.4$$

$$BEC = 1.439E+04$$

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

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

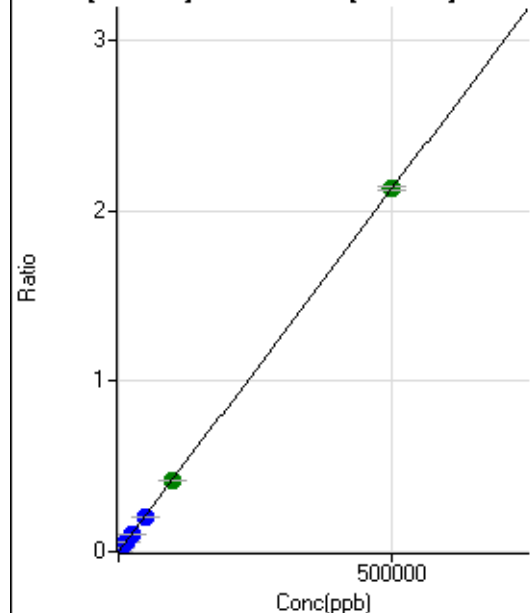
$$R = 1.0000$$

$$DL = 28.33$$

$$BEC = 182.7$$

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

$$y = 4.2540\text{E-}006 * x + 4.0018\text{E-}004$$

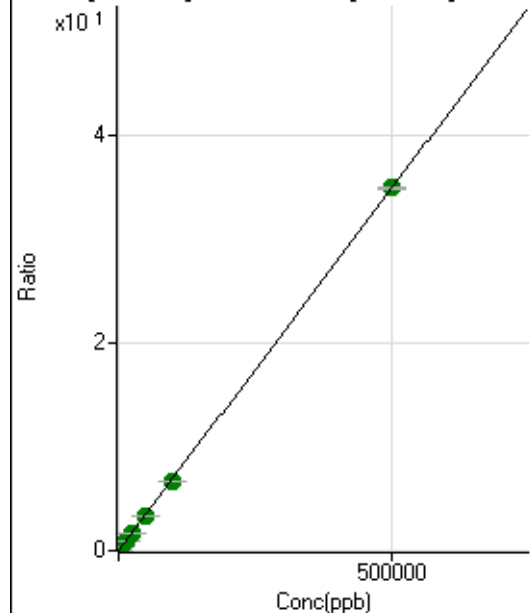
$$R = 1.0000$$

$$DL = 27.72$$

$$BEC = 94.07$$

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

$$y = 6.9765\text{E-}005 * x + 0.0055$$

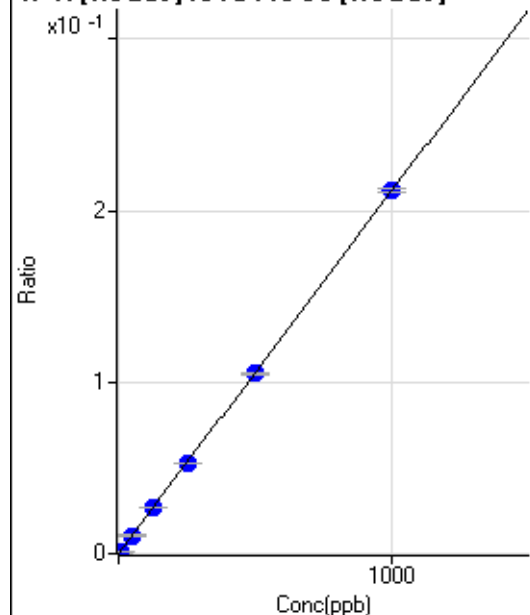
$$R = 1.0000$$

$$DL = 0.7333$$

$$BEC = 78.2$$

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

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

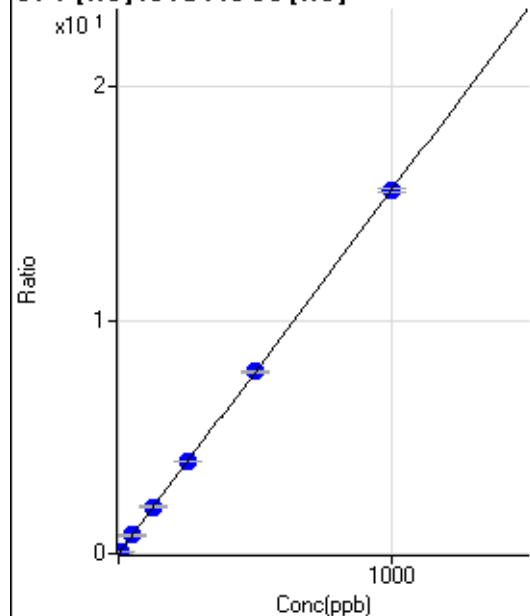
$$R = 1.0000$$

$$DL = 0.05069$$

$$BEC = 0.1282$$

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

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

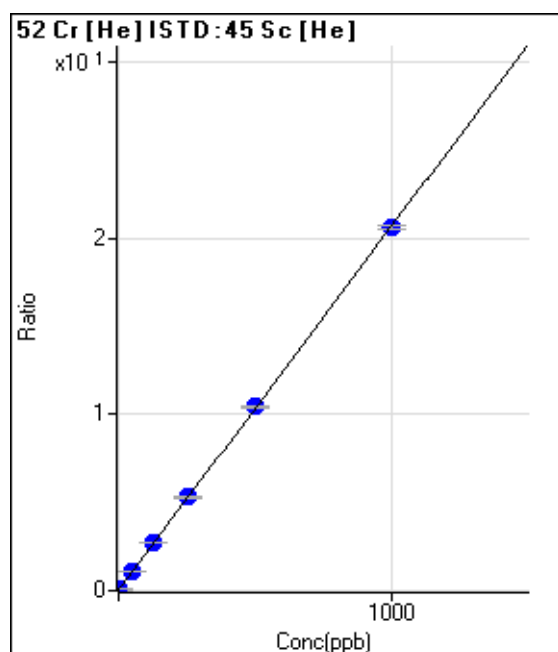
$$R = 1.0000$$

$$DL = 0.01943$$

$$BEC = 0.02582$$

Weight: <None>

Min Conc: 0



	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

$$y = 0.0207 * x + 0.0199$$

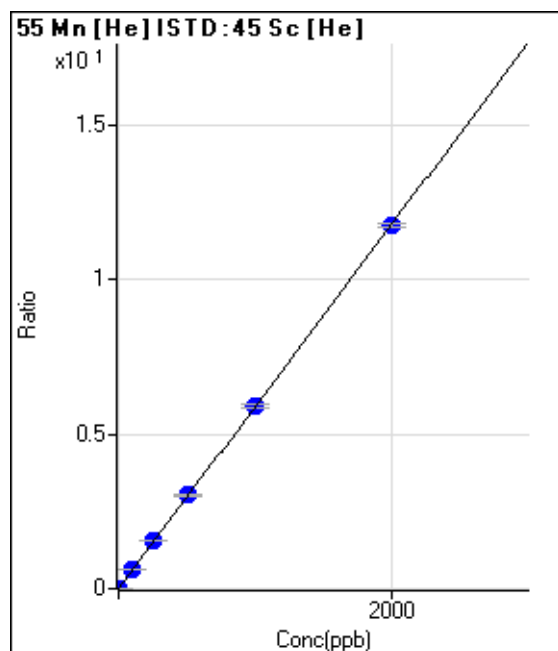
$$R = 1.0000$$

$$DL = 0.2775$$

$$BEC = 0.9638$$

Weight: <None>

Min Conc: 0



	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

$$y = 0.0059 * x + 0.0013$$

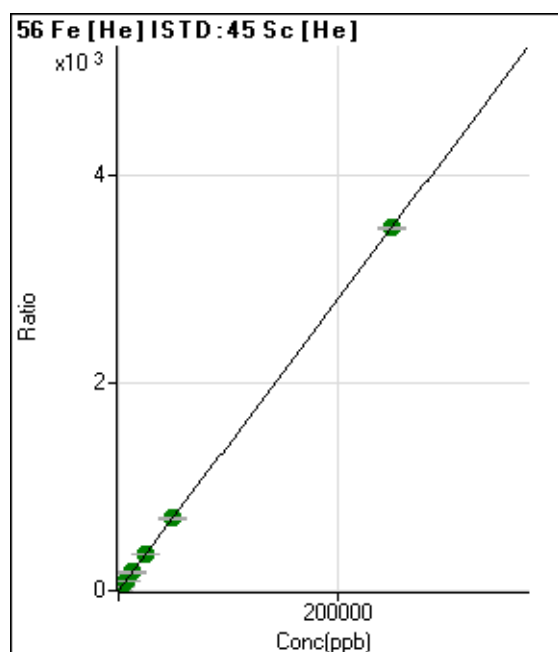
$$R = 1.0000$$

$$DL = 0.05342$$

$$BEC = 0.2141$$

Weight: <None>

Min Conc: 0



	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

$$y = 0.0140 * x + 0.0535$$

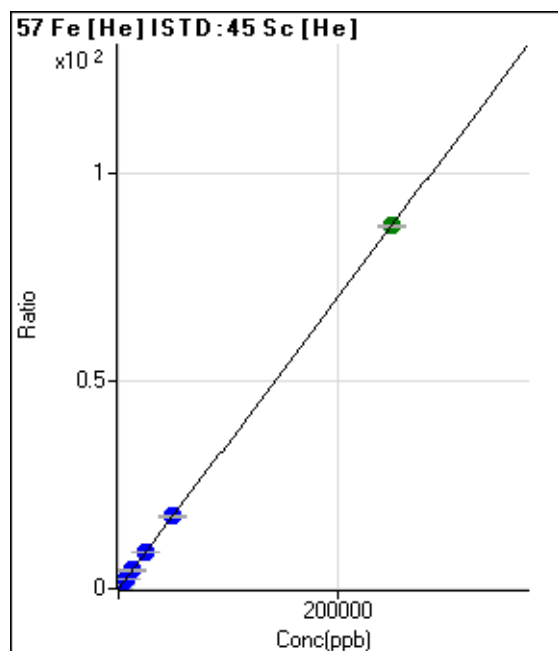
$$R = 1.0000$$

$$DL = 1.184$$

$$BEC = 3.836$$

Weight: <None>

Min Conc: 0



	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

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

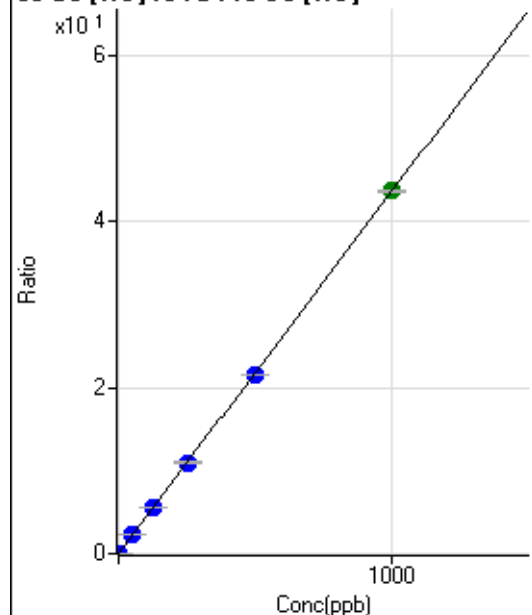
$$R = 1.0000$$

$$DL = 3.145$$

$$BEC = 4.722$$

Weight: <None>

Min Conc: 0

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

	R _j 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

$$y = 0.0436 * x + 0.0018$$

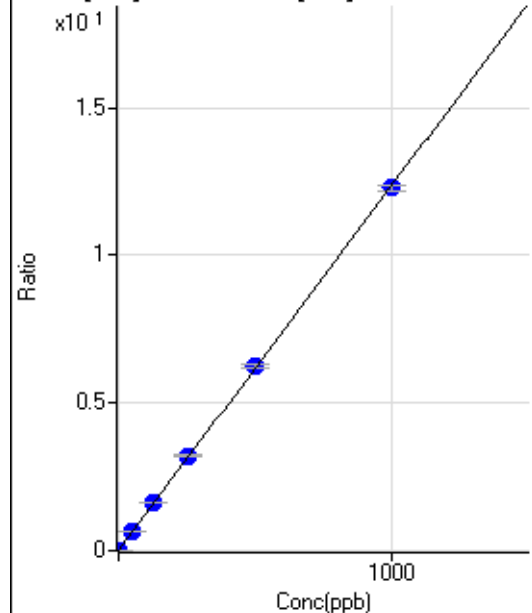
$$R = 1.0000$$

$$DL = 0.03095$$

$$BEC = 0.04045$$

Weight: <None>

Min Conc: 0

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

	R _j 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

$$y = 0.0123 * x + 0.0081$$

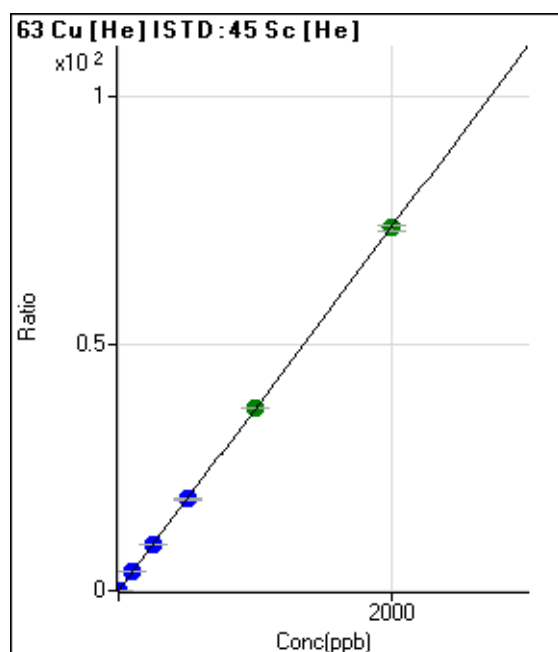
$$R = 0.9999$$

$$DL = 0.09282$$

$$BEC = 0.6543$$

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

$$y = 0.0368 * x + 0.0067$$

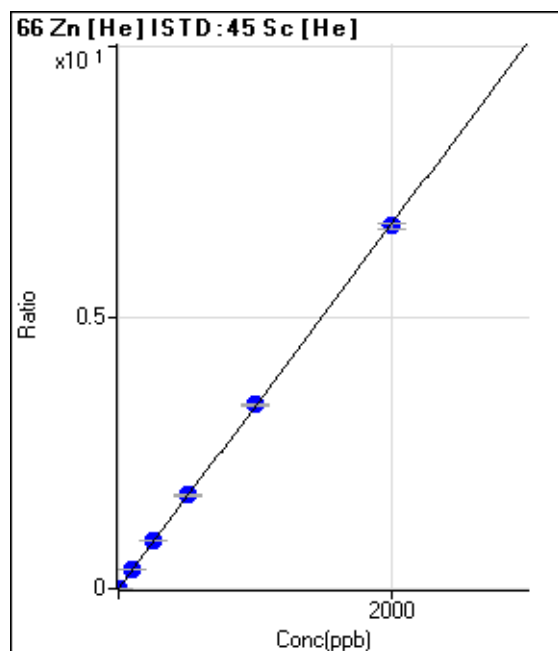
$$R = 1.0000$$

$$DL = 0.1087$$

$$BEC = 0.1821$$

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

$$y = 0.0034 * x + 0.0011$$

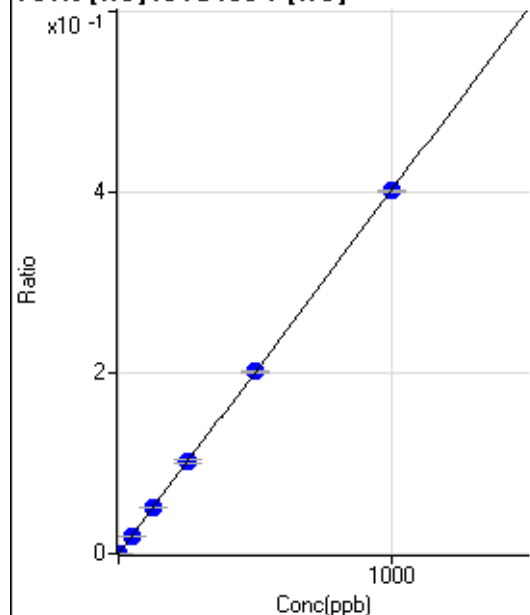
$$R = 0.9999$$

$$DL = 0.364$$

$$BEC = 0.3209$$

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

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

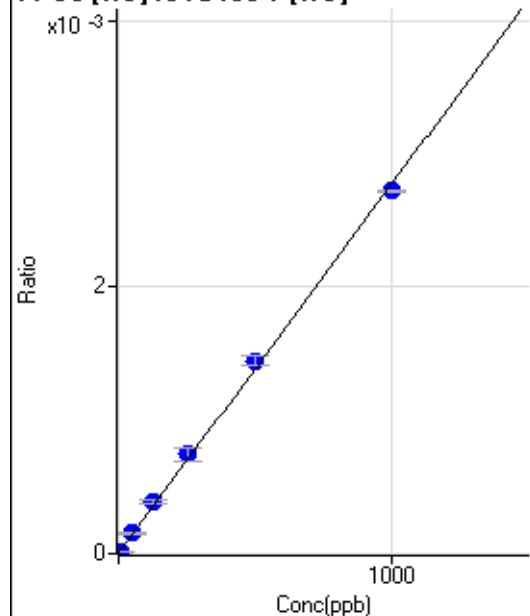
$$R = 1.0000$$

$$DL = 0.2047$$

$$BEC = 0.07121$$

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	

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

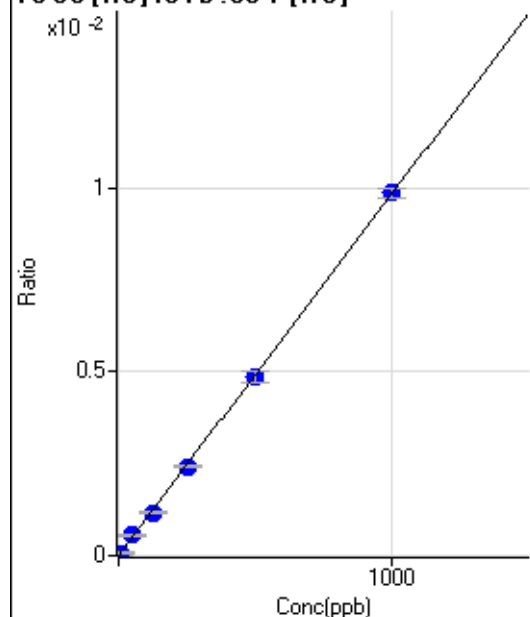
$$R = 0.9994$$

$$DL = 7.693$$

$$BEC = 1.481$$

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

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

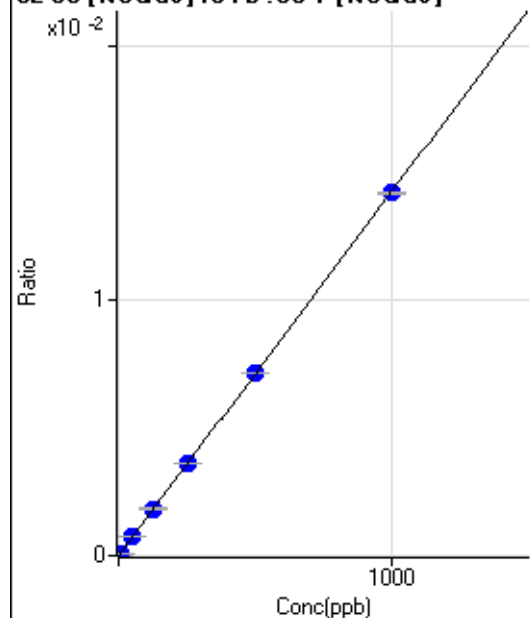
$$R = 0.9999$$

$$DL = 3.302$$

$$BEC = 0.6354$$

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

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

$$R = 1.0000$$

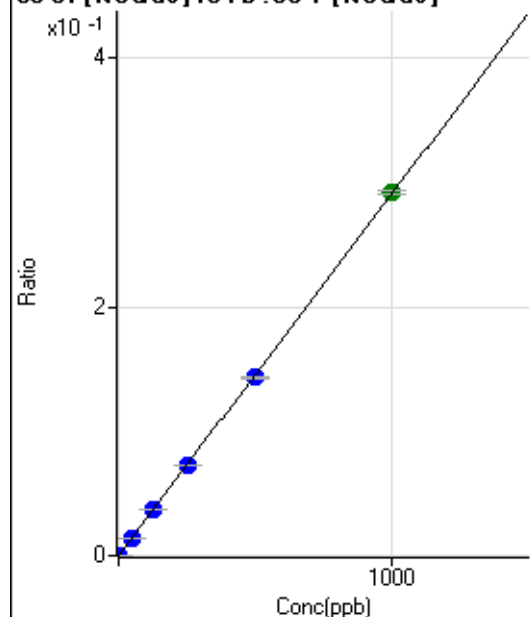
$$DL = 1.85$$

$$BEC = -0.364$$

Weight: <None>

Min Conc: 0

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



	Rj 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

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

$$R = 1.0000$$

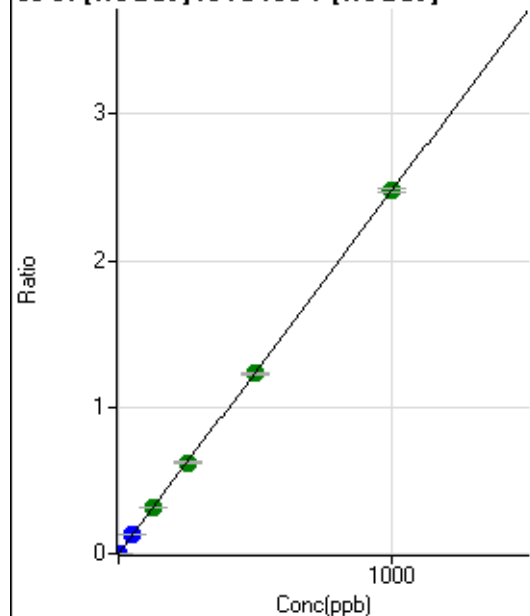
$$DL = 0.0364$$

$$BEC = 0.3736$$

Weight: <None>

Min Conc: 0

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



	Rj 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

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

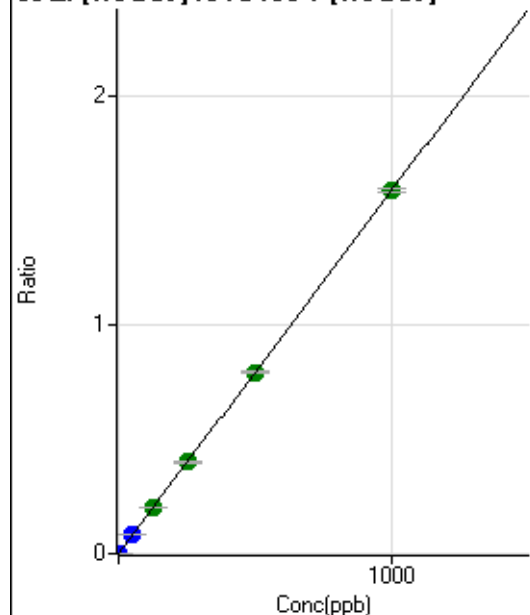
$$R = 1.0000$$

$$DL = 0.004557$$

$$BEC = 0.006679$$

Weight: <None>

Min Conc: 0

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

	R _{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

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

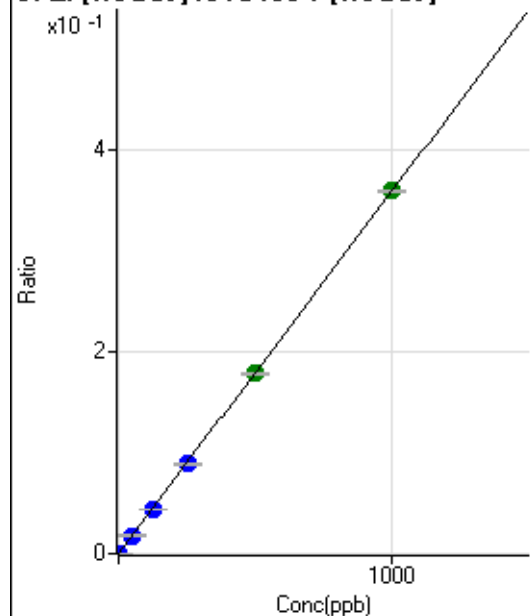
$$R = 1.0000$$

$$DL = 0.02814$$

$$BEC = 0.03771$$

Weight: <None>

Min Conc: 0

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

	R _{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

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

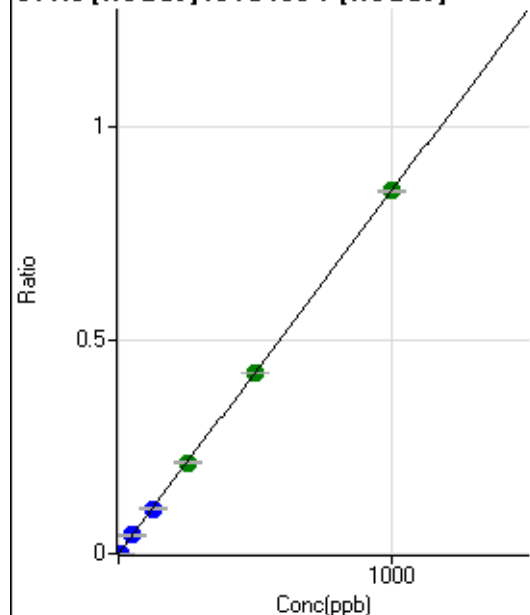
$$R = 1.0000$$

$$DL = 0.05344$$

$$BEC = 0.041$$

Weight: <None>

Min Conc: 0

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

	R _j 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

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

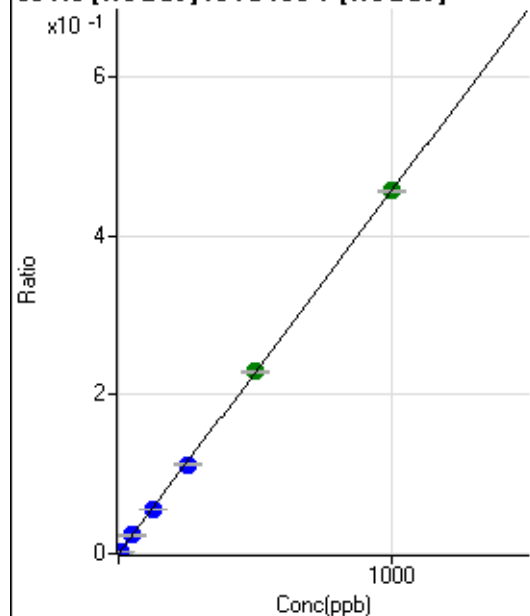
$$R = 1.0000$$

$$DL = 0.03394$$

$$BEC = 0.03118$$

Weight: <None>

Min Conc: 0

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

	R _j 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

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

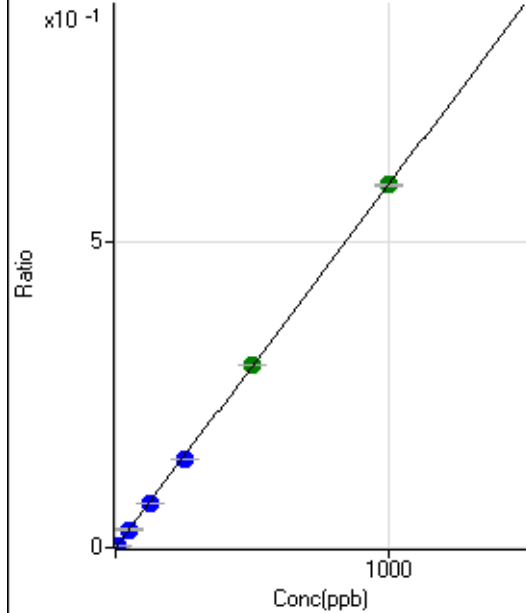
$$R = 1.0000$$

$$DL = 0.01902$$

$$BEC = 0.009636$$

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

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

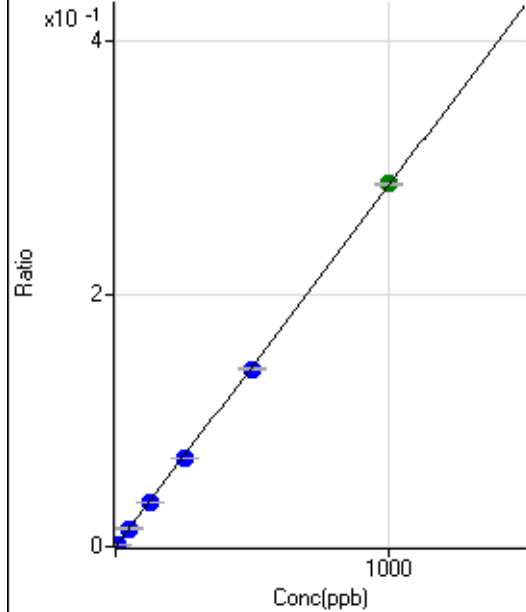
$$R = 1.0000$$

$$DL = 0.03731$$

$$BEC = 0.02298$$

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

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

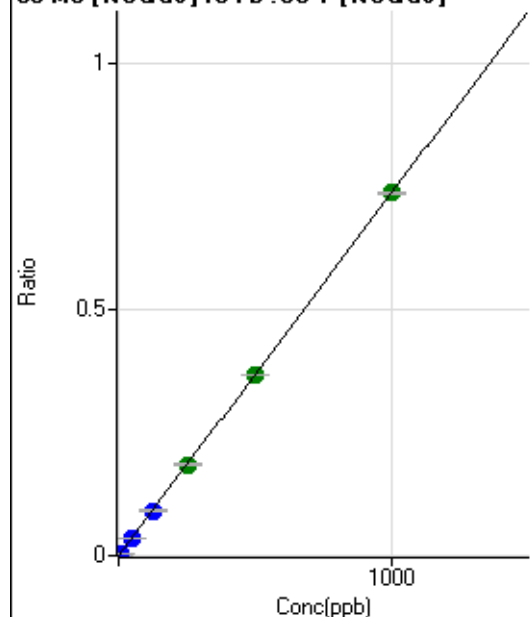
$$R = 0.9999$$

$$DL = 0.03084$$

$$BEC = 0.03476$$

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

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

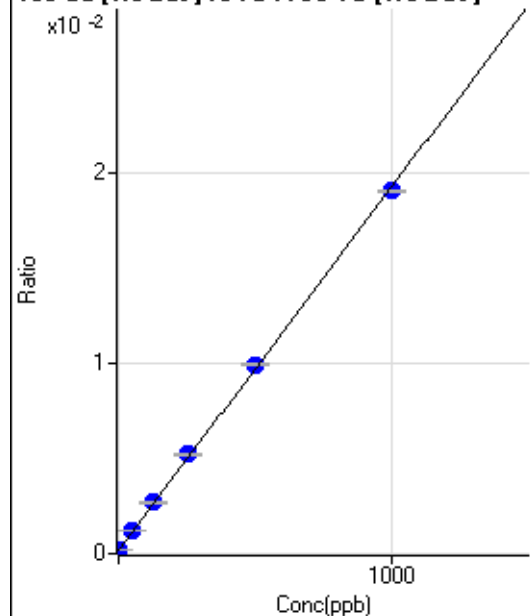
$$R = 1.0000$$

$$DL = 0.01378$$

$$BEC = 0.02042$$

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

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

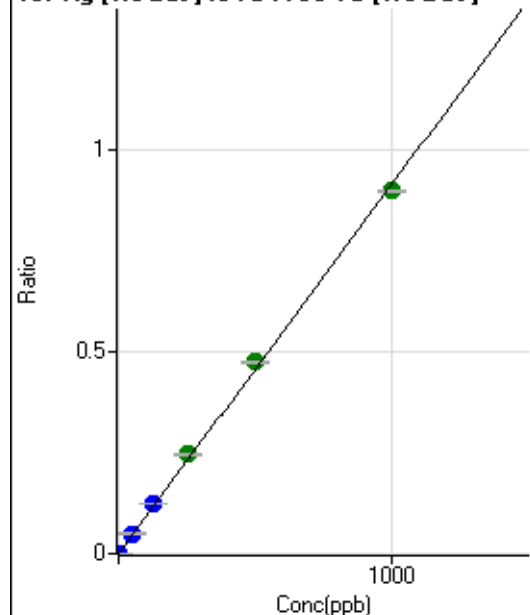
$$R = 0.9998$$

$$DL = 1.145$$

$$BEC = 8.853$$

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

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

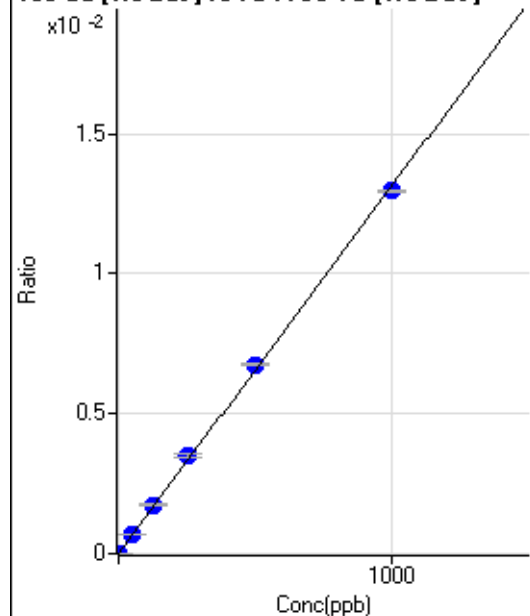
$$R = 0.9995$$

$$DL = 0.01849$$

$$BEC = 0.00886$$

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

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

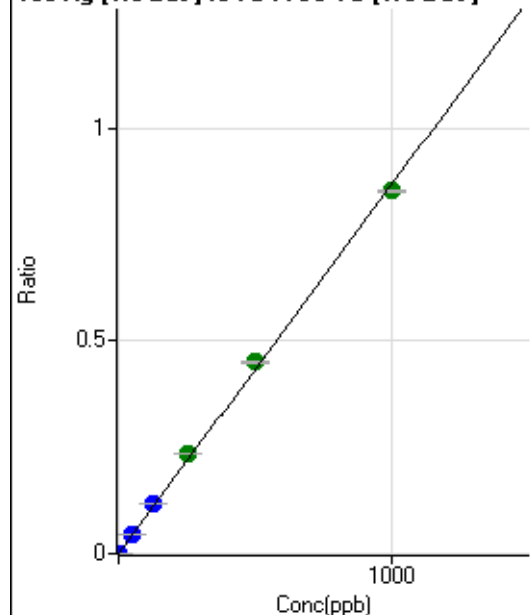
$$R = 0.9997$$

$$DL = 0.1845$$

$$BEC = 0.07101$$

Weight: <None>

Min Conc: 0

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

	R _j 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

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

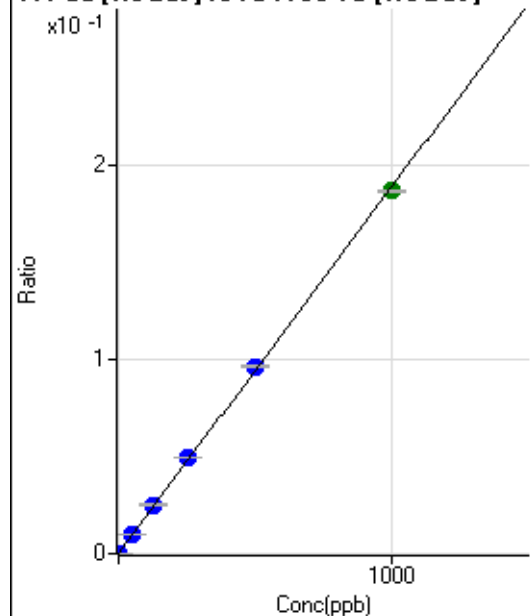
$$R = 0.9994$$

$$DL = 0.00805$$

$$BEC = 0.007866$$

Weight: <None>

Min Conc: 0

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

	R _j 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

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

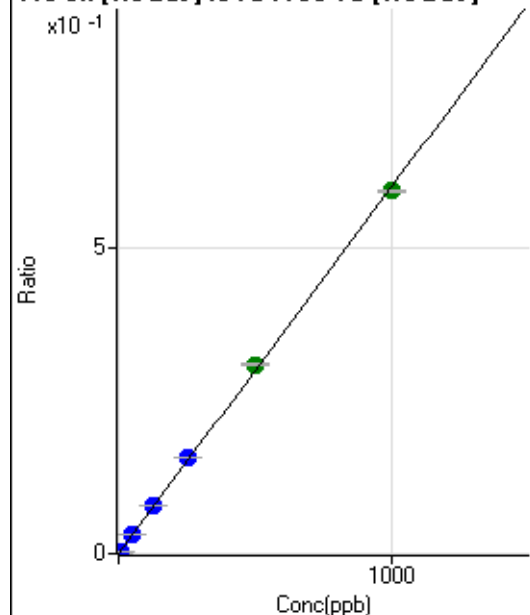
$$R = 0.9998$$

$$DL = 0.0726$$

$$BEC = 0.6285$$

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

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

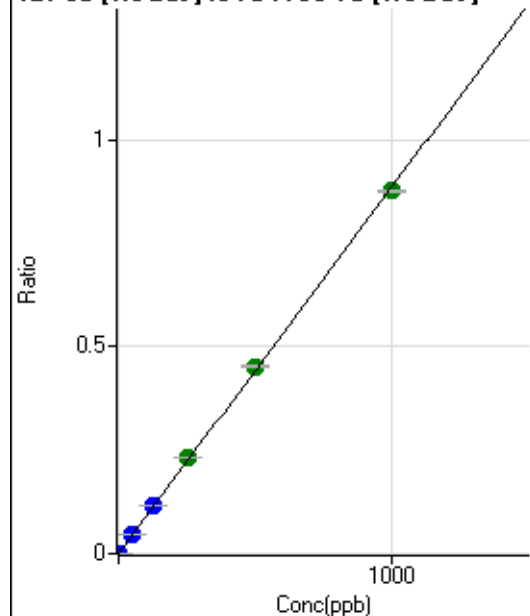
$$R = 0.9998$$

$$DL = 0.03918$$

$$BEC = 0.09259$$

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

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

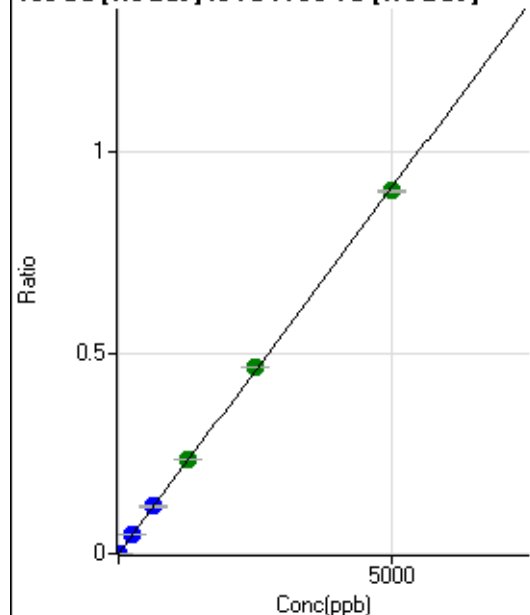
$$R = 0.9998$$

$$DL = 0.004785$$

$$BEC = 0.01016$$

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

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

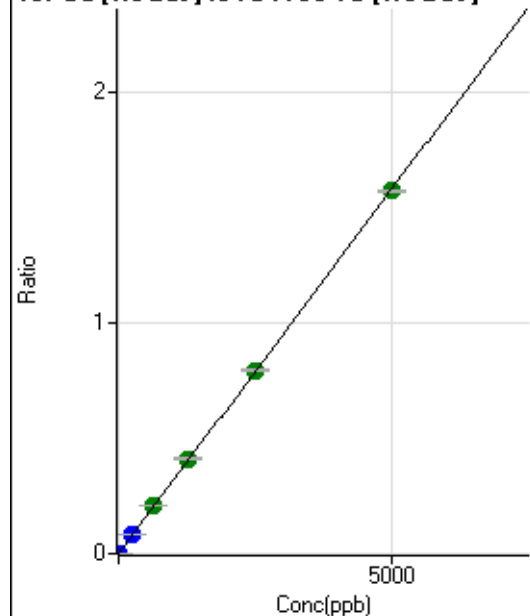
$$R = 0.9999$$

$$DL = 0.02336$$

$$BEC = 0.02386$$

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

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

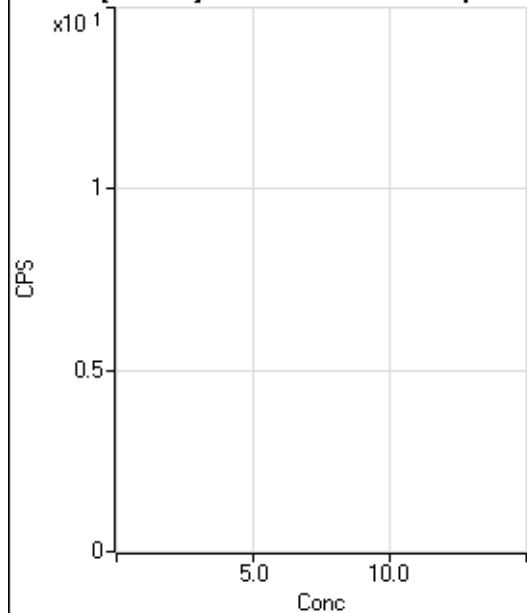
$$R = 0.9999$$

$$DL = 0.03353$$

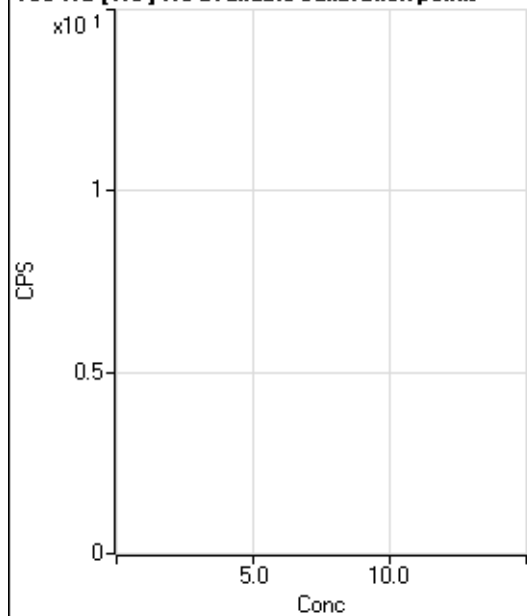
$$BEC = 0.01867$$

Weight: <None>

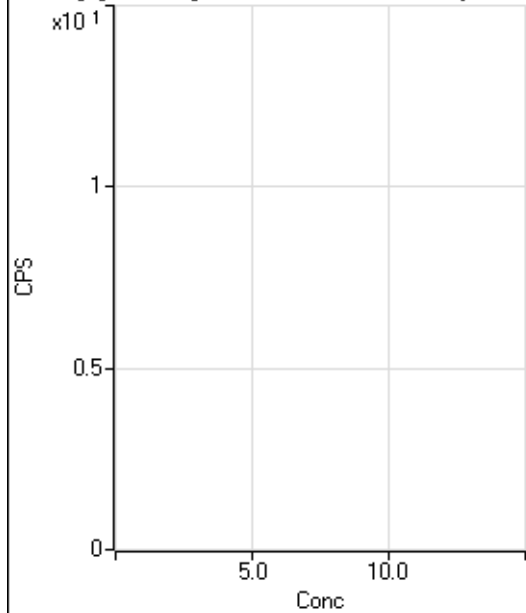
Min Conc: 0

150 Nd [No Gas] No available calibration points

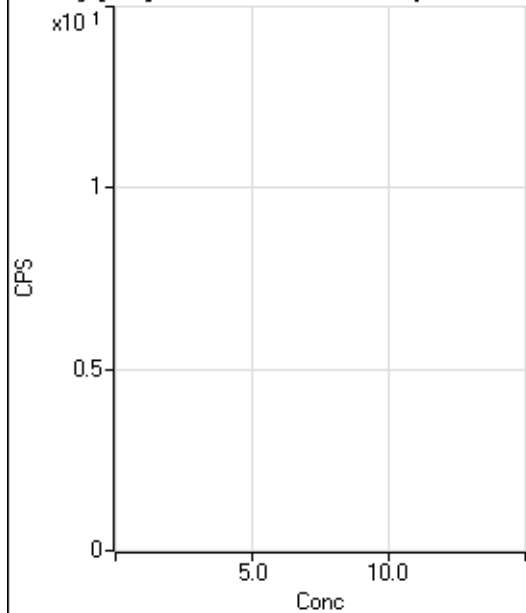
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	107.9
2	☐						
3	☐			11.11		P	69.3
4	☐			15.56		P	65.5
5	☐			33.33		P	20.0
6	☐			77.78		P	4.9
7	☐			177.79		P	5.7
8	☐			286.68		P	16.3
9	☐			102.23		P	39.3

150 Nd [He] No available calibration points

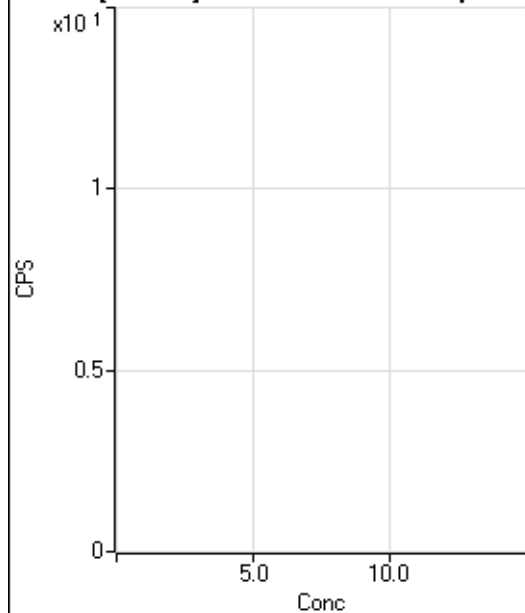
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			1.11		P	173.2
6	☐			2.22		P	86.6
7	☐			10.00		P	57.8
8	☐			4.44		P	43.4
9	☐			15.56		P	32.7

156 Dy [No Gas] No available calibration points

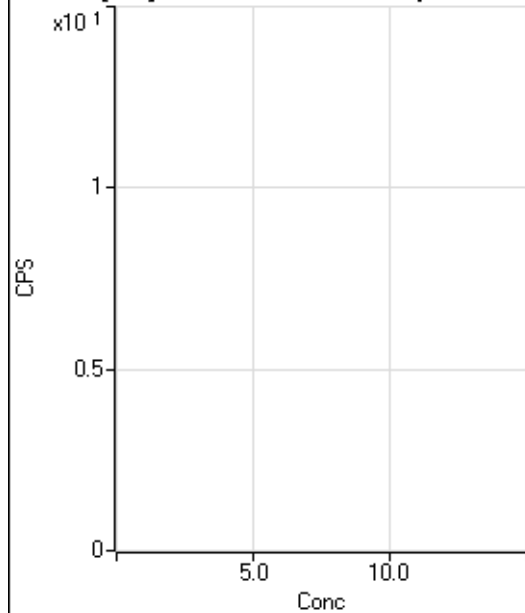
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			13.89		P	124.9
4	☐			22.22		P	21.6
5	☐			36.11		P	58.1
6	☐			27.78		P	45.8
7	☐			69.45		P	30.2
8	☐			136.12		P	28.3
9	☐			100.00		P	8.3

156 Dy [He] No available calibration points

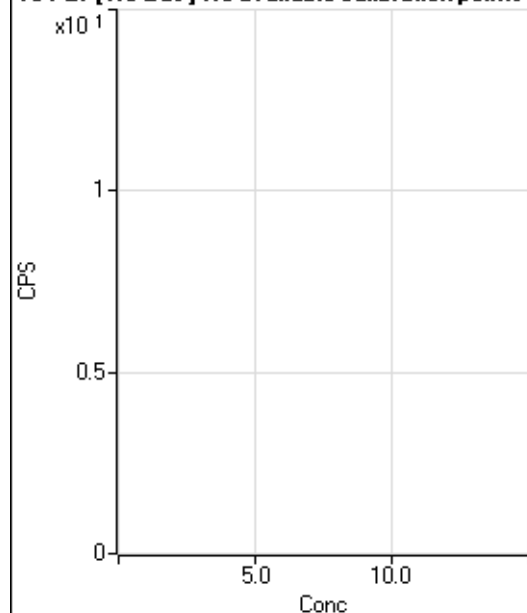
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	100.1
4	☐			3.33		P	0.0
5	☐			6.67		P	86.6
6	☐			5.56		P	91.6
7	☐			12.22		P	41.7
8	☐			17.78		P	65.8
9	☐			17.78		P	39.0

160 Gd [No Gas] No available calibration poin_

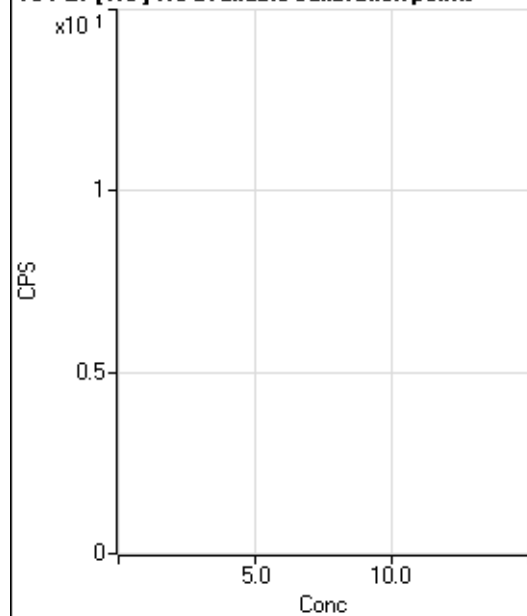
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	43.3
2	☐						
3	☐			55.56		P	22.9
4	☐			38.89		P	32.7
5	☐			52.78		P	36.5
6	☐			69.45		P	61.6
7	☐			72.22		P	29.0
8	☐			130.56		P	24.2
9	☐			75.00		P	29.4

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

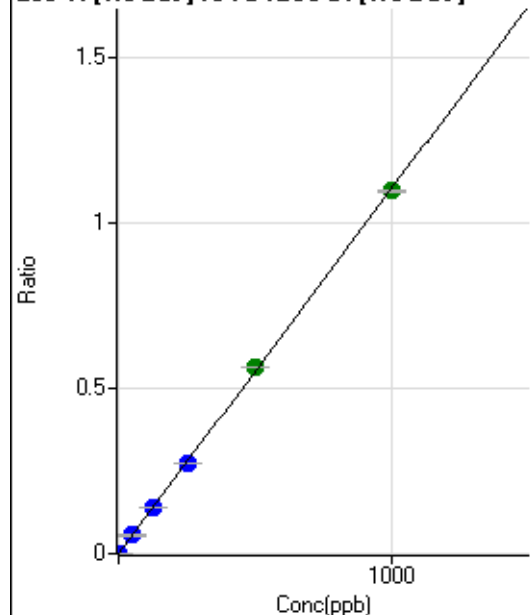
164 Er [No Gas] No available calibration points

	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

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

$$R = 0.9999$$

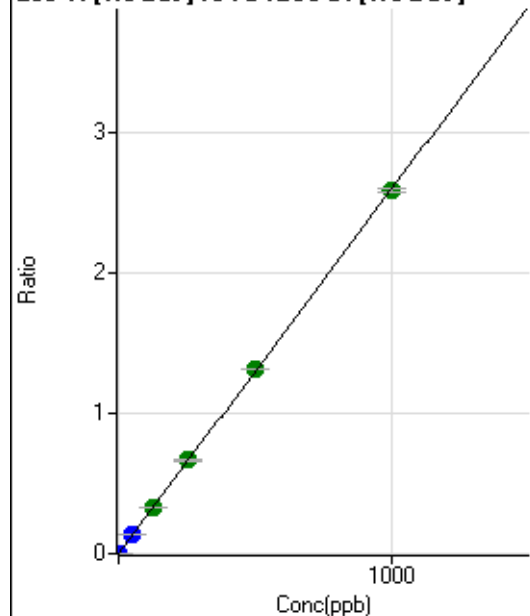
$$DL = 0.01481$$

$$BEC = 0.02682$$

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

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

$$R = 1.0000$$

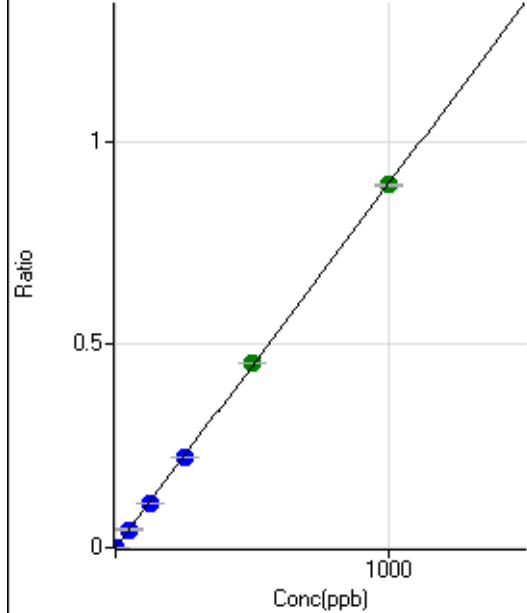
$$DL = 0.01106$$

$$BEC = 0.03704$$

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

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

$$R = 1.0000$$

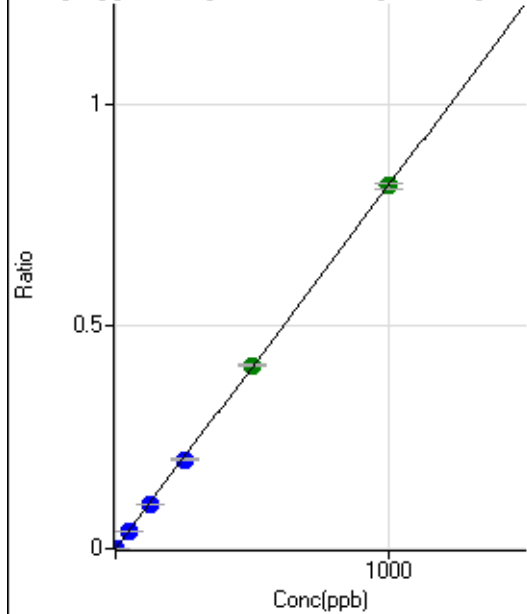
$$DL = 0.02553$$

$$BEC = 0.08953$$

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

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

$$R = 1.0000$$

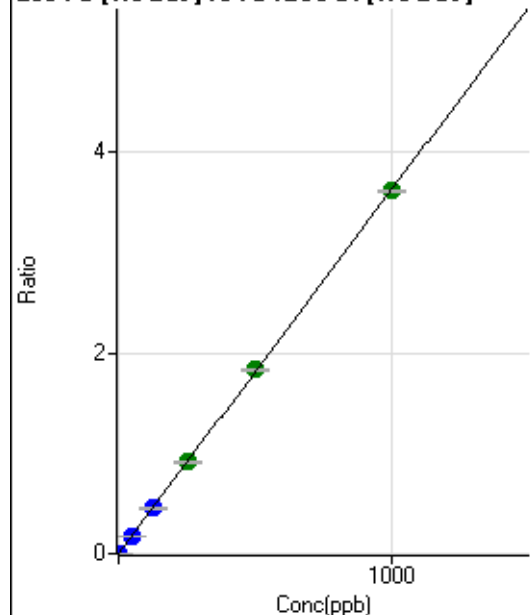
$$DL = 0.01144$$

$$BEC = 0.09943$$

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

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

$$R = 1.0000$$

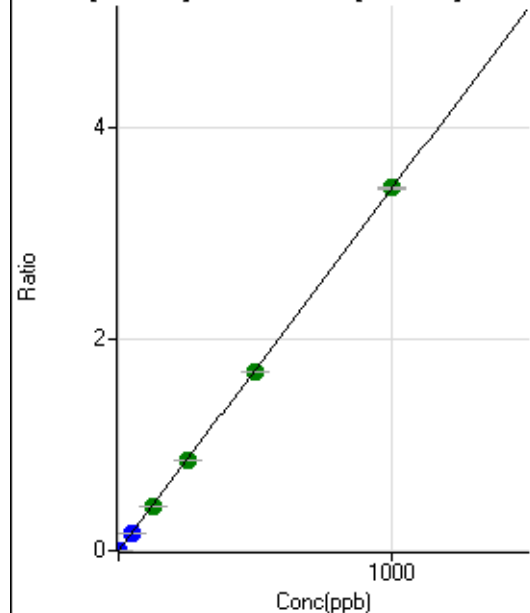
$$DL = 0.01284$$

$$BEC = 0.09474$$

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

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

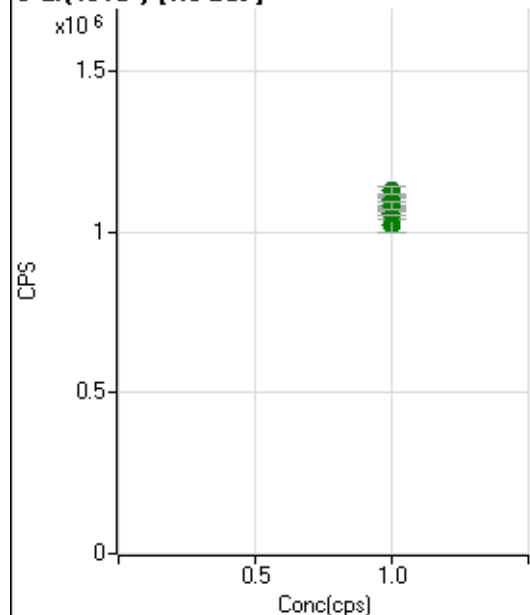
$$R = 1.0000$$

$$DL = 0.001705$$

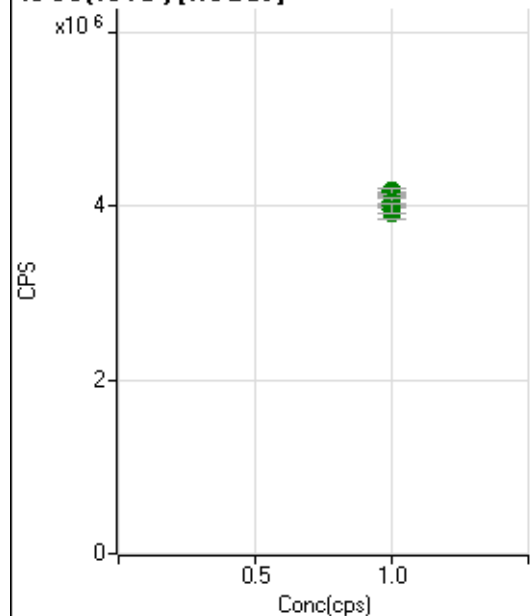
$$BEC = 0.007592$$

Weight: <None>

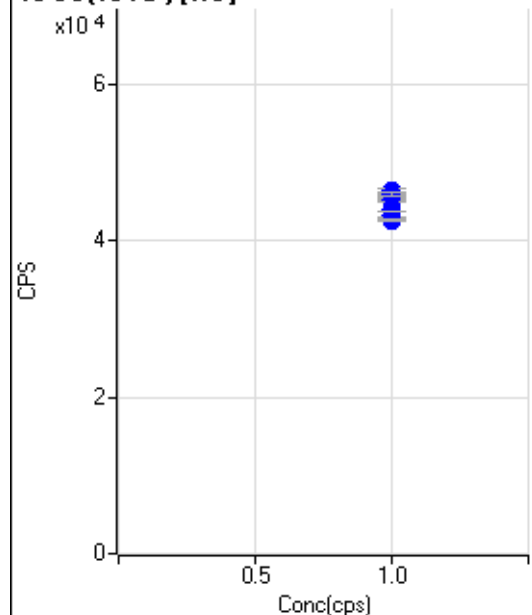
Min Conc: 0

6 Li(ISTD) [No Gas]

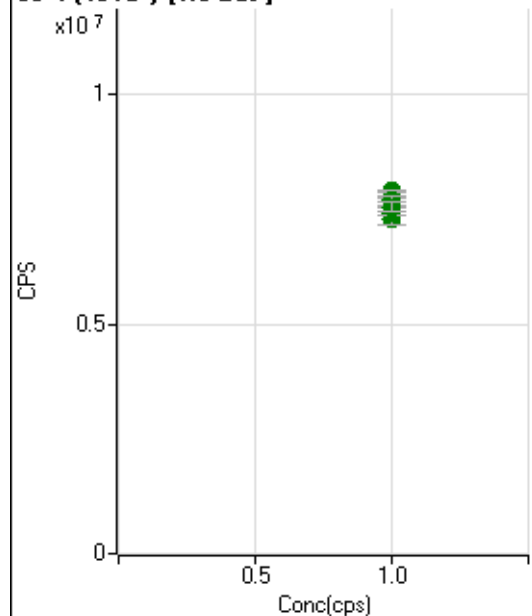
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1067357.11		A	1.1
2	☐	1.000					
3	☐	1.000		1019404.71		A	4.1
4	☐	1.000		1059004.52		A	1.1
5	☐	1.000		1081893.24		A	0.3
6	☐	1.000		1101207.14		A	1.0
7	☐	1.000		1114486.44		A	0.5
8	☐	1.000		1127207.33		A	2.2
9	☐	1.000		1081071.60		A	2.3

45 Sc(ISTD) [No Gas]

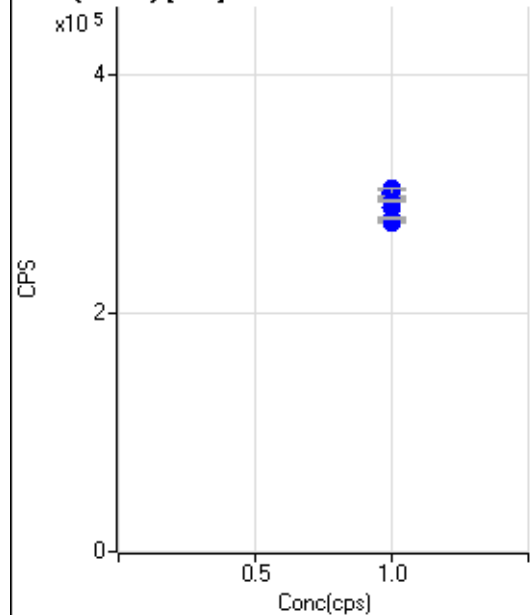
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3998885.11		A	0.1
2	☐	1.000					
3	☐	1.000		3914371.70		A	3.6
4	☐	1.000		4012497.35		A	1.0
5	☐	1.000		4116770.97		A	0.3
6	☐	1.000		4177013.63		A	1.0
7	☐	1.000		4170615.33		A	1.4
8	☐	1.000		4061558.73		A	1.8
9	☐	1.000		3968290.06		A	2.6

45 Sc(ISTD) [He]

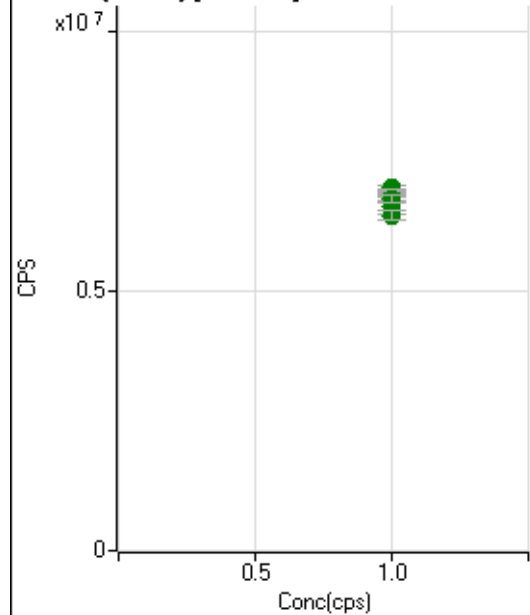
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		43940.09		P	5.9
2	☐	1.000					
3	☐	1.000		45335.22		P	1.7
4	☐	1.000		45716.47		P	0.9
5	☐	1.000		46348.56		P	1.5
6	☐	1.000		46419.94		P	1.7
7	☐	1.000		45942.84		P	1.0
8	☐	1.000		43374.81		P	1.6
9	☐	1.000		42662.57		P	0.7

89 Y(ISTD) [No Gas]

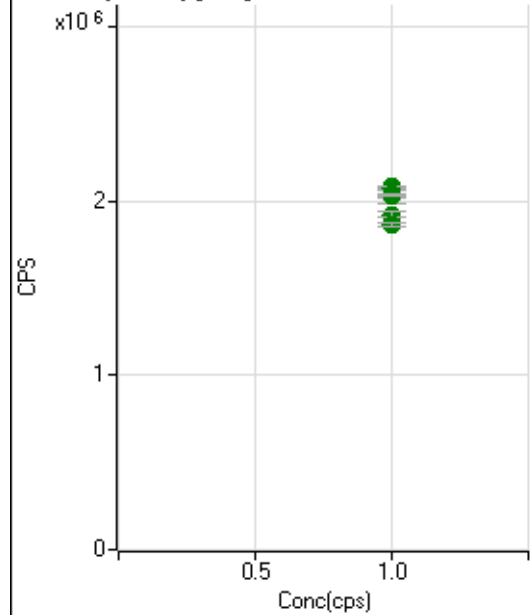
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7559055.44		A	0.3
2	☐	1.000					
3	☐	1.000		7269655.24		A	3.1
4	☐	1.000		7423971.21		A	1.3
5	☐	1.000		7775291.97		A	0.6
6	☐	1.000		7861221.48		A	1.3
7	☐	1.000		7904821.48		A	0.6
8	☐	1.000		7726055.37		A	1.4
9	☐	1.000		7562177.53		A	2.3

89 Y (ISTD) [He]

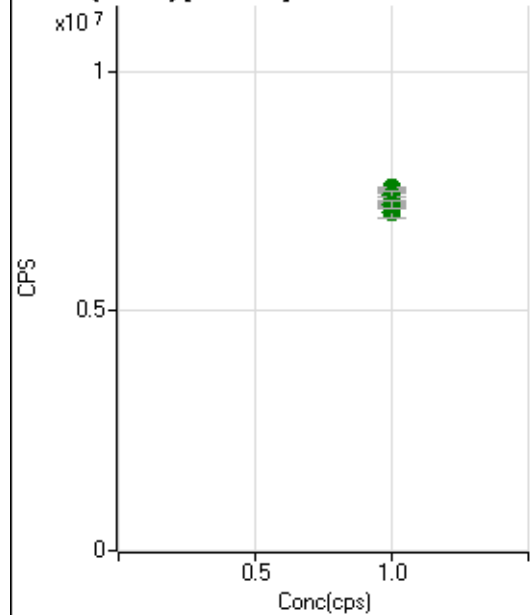
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		288174.09		P	5.2
2	☐	1.000					
3	☐	1.000		294886.77		P	0.7
4	☐	1.000		299891.15		P	1.6
5	☐	1.000		304174.47		P	0.3
6	☐	1.000		301298.03		P	1.9
7	☐	1.000		293444.00		P	0.5
8	☐	1.000		276186.47		P	0.9
9	☐	1.000		279642.81		P	0.6

103 Rh (ISTD) [NoGas]

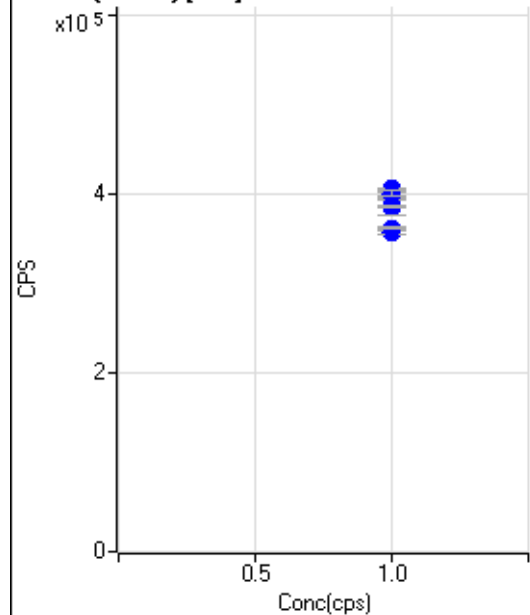
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6893922.64		A	0.2
2	☐	1.000					
3	☐	1.000		6610722.06		A	4.2
4	☐	1.000		6762953.71		A	1.6
5	☐	1.000		6986338.44		A	1.0
6	☐	1.000		6951879.93		A	0.2
7	☐	1.000		6932961.70		A	0.5
8	☐	1.000		6782267.78		A	2.2
9	☐	1.000		6453917.94		A	3.0

103Rh(ISTD)[He]

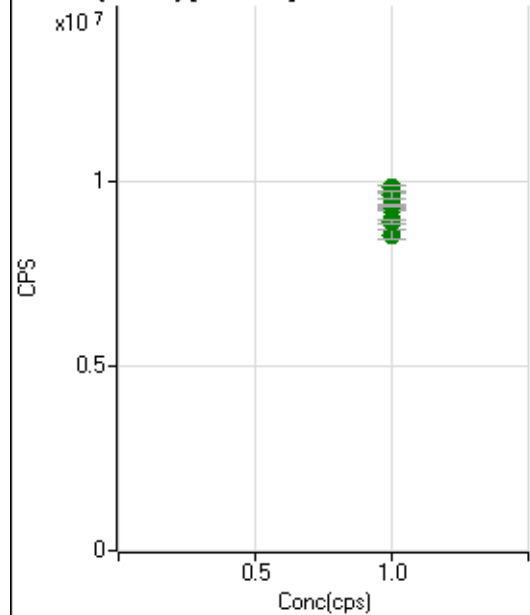
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2035935.47		A	5.1
2	☐	1.000					
3	☐	1.000		2029706.01		A	1.1
4	☐	1.000		2060421.08		A	2.3
5	☐	1.000		2080067.68		A	0.7
6	☐	1.000		2071975.42		A	0.9
7	☐	1.000		2035267.31		A	0.5
8	☐	1.000		1923647.49		A	1.4
9	☐	1.000		1865449.07		A	1.3

115In(ISTD)[NoGas]

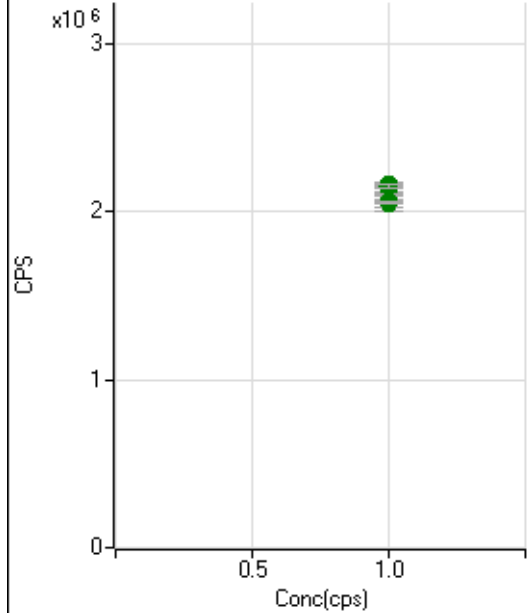
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7263861.73		A	1.1
2	☐	1.000					
3	☐	1.000		7054703.14		A	3.6
4	☐	1.000		7213785.25		A	1.0
5	☐	1.000		7487515.69		A	0.8
6	☐	1.000		7497682.07		A	1.0
7	☐	1.000		7563980.46		A	0.3
8	☐	1.000		7424521.40		A	1.5
9	☐	1.000		7215189.72		A	2.7

115 In(ISTD) [He]

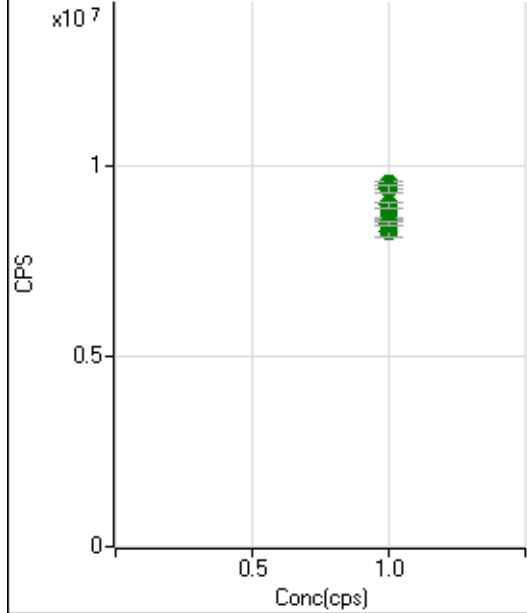
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		385740.09		P	5.1
2	☐	1.000					
3	☐	1.000		393373.36		P	0.3
4	☐	1.000		400321.20		P	0.8
5	☐	1.000		405771.98		P	0.4
6	☐	1.000		400618.61		P	1.7
7	☐	1.000		386453.66		P	0.4
8	☐	1.000		357250.10		P	1.5
9	☐	1.000		361712.54		P	0.6

159 Tb(ISTD) [NoGas]

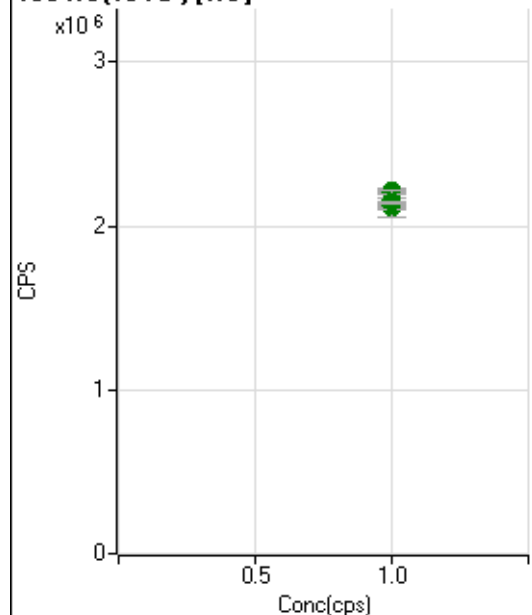
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8951319.66		A	0.3
2	☐	1.000					
3	☐	1.000		8560683.83		A	3.1
4	☐	1.000		8897265.77		A	1.0
5	☐	1.000		9247429.79		A	0.4
6	☐	1.000		9353517.85		A	0.4
7	☐	1.000		9704155.83		A	0.9
8	☐	1.000		9821763.05		A	1.5
9	☐	1.000		9640710.14		A	2.0

159 Tb(ISTD) [He]

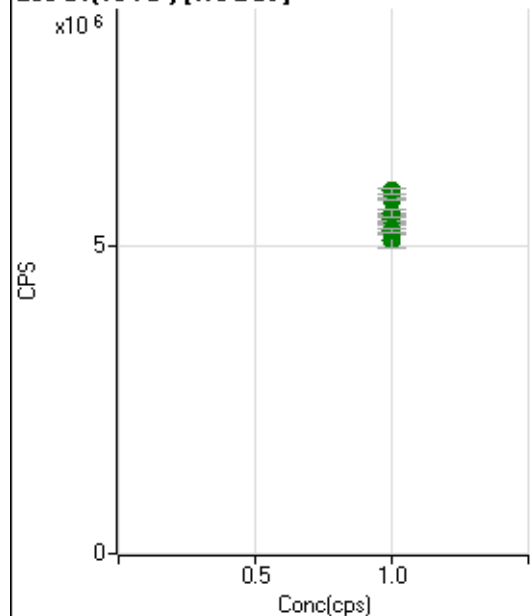
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2056664.19		A	5.4
2	☐	1.000					
3	☐	1.000		2055172.40		A	0.4
4	☐	1.000		2103627.77		A	0.6
5	☐	1.000		2146206.04		A	0.2
6	☐	1.000		2159155.85		A	1.8
7	☐	1.000		2152138.68		A	0.9
8	☐	1.000		2048270.68		A	1.7
9	☐	1.000		2058103.65		A	0.4

165 Ho(ISTD) [NoGas]

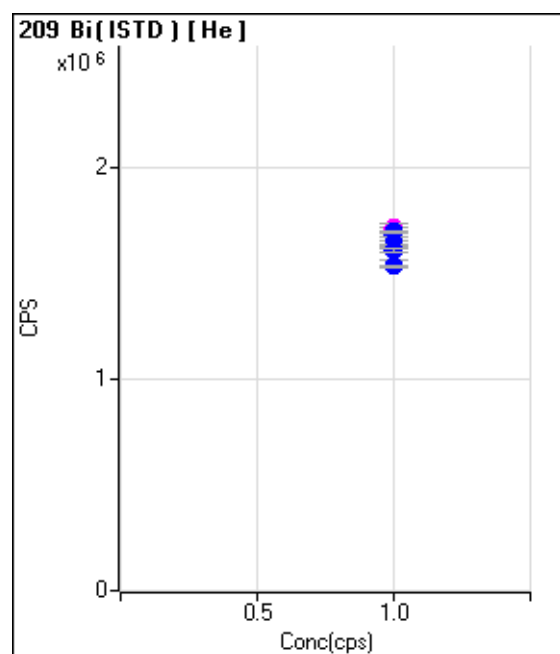
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8607581.70		A	0.6
2	☐	1.000					
3	☐	1.000		8254519.45		A	3.8
4	☐	1.000		8488105.75		A	1.0
5	☐	1.000		8868130.84		A	0.3
6	☐	1.000		8961694.56		A	1.6
7	☐	1.000		9447130.77		A	1.0
8	☐	1.000		9517919.23		A	0.9
9	☐	1.000		9400897.09		A	2.2

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

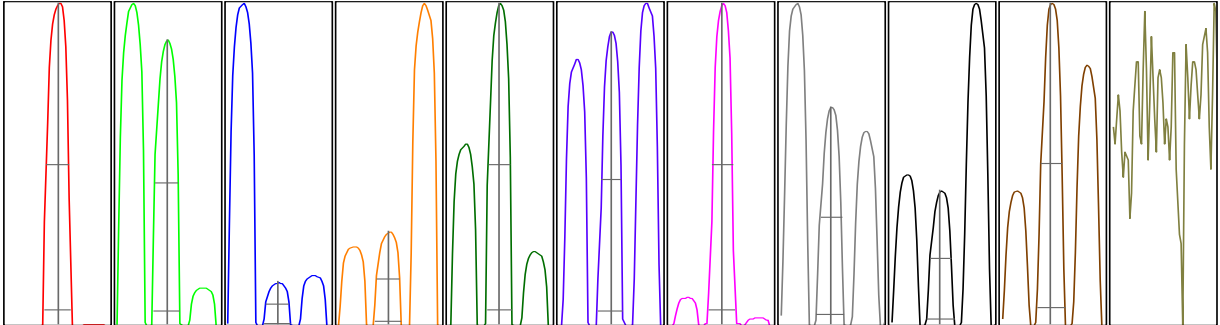
US EPA Tune Check Sample Report

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	V
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	V
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:40:41	DataFile Name :	017SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8989.98	8990.90	8870.19	8950.36	0.78	ppb
Antimony	121-1	0.14	0.15	0.18	0.16	14.24	ppb
Arsenic	75-2	0.04	-0.06	-0.02	-0.01		ppb
Barium	135-1	0.13	0.15	0.15	0.14	7.51	ppb
Barium	137-1	0.14	0.20	0.16	0.17	18.66	ppb
Beryllium	9-1	0.06	0.08	0.07	0.07	12.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	5.30	6.29	5.65	5.75	8.75	ppb
Boron	10-1	6.53	6.12	5.24	5.97	11.02	ppb
Cadmium	106-1	-1.15	-0.39	-0.95	-0.83		ppb
Cadmium	108-1	0.70	0.56	0.67	0.64	10.77	ppb
Cadmium	111-1	-0.04	0.01	-0.03	-0.02		ppb
Calcium	43-1	9479.86	9547.41	9502.19	9509.82	0.36	ppb
Calcium	44-1	9610.34	9783.07	9719.57	9704.33	0.90	ppb
Chromium	52-2	2.13	2.17	1.93	2.08	6.18	ppb
Cobalt	59-2	0.12	0.11	0.12	0.12	4.63	ppb
Copper	63-2	0.90	0.87	0.90	0.89	1.93	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				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	10112.66	9878.15	9816.87	9935.90	1.57	ppb
Iron	57-2	10234.57	9925.23	9686.73	9948.84	2.76	ppb
Lead	206-1	0.61	0.65	0.67	0.64	4.55	ppb
Lead	207-1	0.57	0.55	0.54	0.55	3.09	ppb
Lead	208-1	0.61	0.60	0.60	0.60	0.88	ppb
Lithium	6-1				98		%
Magnesium	24-2	9855.40	9663.08	9476.53	9665.00	1.96	ppb
Manganese	55-2	0.87	0.76	0.84	0.82	7.24	ppb

LB Number :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:40:41	DataFile Name :	017SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	184.85	185.59	189.89	186.78	1.46	ppb
Molybdenum	94-1	57.33	57.56	58.21	57.70	0.79	ppb
Molybdenum	95-1	184.92	185.84	189.75	186.84	1.37	ppb
Molybdenum	96-1	151.45	154.16	156.30	153.97	1.58	ppb
Molybdenum	97-1	183.20	186.77	188.22	186.06	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.30	0.32	0.36	24.04	ppb
Phosphorus	31-2	9948.82	9733.05	9637.47	9773.12	1.63	ppb
Potassium	39-2	9955.62	9693.52	9501.69	9716.94	2.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-0.64	0.01	0.02	-0.20		ppb
Selenium	82-1	-0.58	0.05	-0.54	-0.36		ppb
Silicon	28-1	-10.48	-9.01	-9.19	-9.56		ppb
Silver	109-1	0.04	0.05	0.05	0.05	11.25	ppb
Silver	107-1	0.04	0.05	0.05	0.05	8.97	ppb
Sodium	23-2	9855.30	9688.97	9548.76	9697.68	1.58	ppb
Strontium	86-1	3.29	3.17	3.34	3.27	2.66	ppb
Strontium	88-1	3.29	3.30	3.34	3.31	0.81	ppb
Sulfur	34-1	6391.62	6430.13	6803.48	6541.74	3.48	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.03	0.02	53.20	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.78	ppb
Tin	118-1	0.06	0.06	0.05	0.06	2.93	ppb
Titanium	47-1	188.71	192.87	192.52	191.37	1.21	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	50.80	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.93	1.20	1.13	1.09	13.19	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	58.72	ppb

LB Number :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:40:41	DataFile Name :	017SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	79.04	ppb

LB Number : LB90142 Operator : Jaswal
 Lab Sample ID : ICSABDLX10 Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 10
 Date & Time Acquired :: 2017-09-15 14:43:48 DataFile Name : 018SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8954.43	9089.50	8985.91	9009.95	0.78	ppb
Antimony	121-1	2.11	2.06	2.13	2.10	1.64	ppb
Arsenic	75-2	2.27	2.05	2.00	2.11	6.70	ppb
Barium	135-1	2.13	2.12	2.09	2.12	1.00	ppb
Barium	137-1	2.31	2.13	2.26	2.23	4.25	ppb
Beryllium	9-1	2.21	2.03	2.05	2.09	4.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	10.62	10.25	9.85	10.24	3.74	ppb
Boron	10-1	10.58	11.64	11.42	11.21	5.01	ppb
Cadmium	106-1	1.63	0.74	1.06	1.14	39.39	ppb
Cadmium	108-1	3.59	3.09	3.13	3.27	8.44	ppb
Cadmium	111-1	2.00	1.92	1.82	1.91	4.62	ppb
Calcium	43-1	9497.75	9627.24	9552.27	9559.08	0.68	ppb
Calcium	44-1	9698.56	9904.00	9734.11	9778.89	1.12	ppb
Chromium	52-2	4.07	4.15	4.08	4.10	1.07	ppb
Cobalt	59-2	2.09	2.30	2.15	2.18	4.96	ppb
Copper	63-2	3.03	3.08	3.01	3.04	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	10037.84	9966.99	10016.44	10007.09	0.36	ppb
Iron	57-2	9957.68	10002.90	10095.80	10018.79	0.70	ppb
Lead	206-1	2.65	2.70	2.65	2.67	1.16	ppb
Lead	207-1	2.33	2.40	2.43	2.39	2.33	ppb
Lead	208-1	2.50	2.53	2.52	2.52	0.75	ppb
Lithium	6-1				98		%
Magnesium	24-2	9611.83	9687.84	9797.63	9699.10	0.96	ppb
Manganese	55-2	3.16	2.99	2.53	2.89	11.20	ppb

LB Number :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:43:48	DataFile Name :	018SMPL_P8091517- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	193.81	194.51	195.02	194.45	0.31	ppb
Molybdenum	94-1	63.90	63.57	64.22	63.90	0.51	ppb
Molybdenum	95-1	194.09	195.05	196.38	195.17	0.59	ppb
Molybdenum	96-1	162.50	160.52	162.44	161.82	0.70	ppb
Molybdenum	97-1	193.77	193.35	196.46	194.52	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.58	2.42	2.85	2.62	8.26	ppb
Phosphorus	31-2	9335.35	9552.12	10694.64	9860.71	7.41	ppb
Potassium	39-2	9664.48	9877.00	9828.02	9789.84	1.14	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	2.61	2.75	-1.48	1.29	185.75	ppb
Selenium	78-2	1.93	4.67	-0.64	1.99	133.34	ppb
Selenium	82-1	1.67	2.65	2.71	2.34	24.72	ppb
Silicon	28-1	-2.40	-2.28	-2.69	-2.45		ppb
Silver	109-1	1.91	1.99	1.95	1.95	2.07	ppb
Silver	107-1	1.99	1.97	1.95	1.97	1.18	ppb
Sodium	23-2	9658.73	9726.43	9777.86	9721.01	0.61	ppb
Strontium	86-1	9.25	8.96	9.06	9.09	1.65	ppb
Strontium	88-1	9.16	9.09	9.16	9.14	0.40	ppb
Sulfur	34-1	6656.33	6787.43	6602.96	6682.24	1.42	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	2.02	2.08	2.09	2.06	1.88	ppb
Thallium	205-1	2.01	2.09	2.04	2.04	1.98	ppb
Tin	118-1	5.77	5.57	5.60	5.64	1.88	ppb
Titanium	47-1	197.12	202.04	200.83	200.00	1.28	ppb
Uranium	238-1	5.45	5.51	5.54	5.50	0.81	ppb
Vanadium	51-2	2.04	1.85	1.97	1.95	4.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	3.38	3.24	3.31	3.31	2.12	ppb
Zirconium	90-1	5.61	5.50	5.63	5.58	1.28	ppb

LB Number :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:43:48	DataFile Name :	018SMPL_P8091517- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.81	5.56	5.41	5.60	3.60	ppb

LB Number :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.10	0.13	0.11	12.99	ppb

LB Number :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 : LB90142 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
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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:40:41	DataFile Name :	017SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65318	66138	66422	65959	0.87	cps
Antimony	121-1	1275	1317	1609	1400	12.97	cps
Arsenic	75-2	13	2	6	7	83.30	cps
Barium	135-1	267	292	300	286	6.06	cps
Barium	137-1	467	650	542	553	16.67	cps
Beryllium	9-1	172	189	178	180	4.73	cps
Bismuth	209-1	5723587	5682421	5700070	5702026	0.36	cps
Bismuth	209-2	1648973	1660776	1659695	1656482	0.39	cps
Boron	11-1	3784	4326	3967	4026	6.85	cps
Boron	10-1	933	875	767	858	9.85	cps
Cadmium	106-1	1400	1534	1425	1453	4.88	cps
Cadmium	108-1	96	79	92	89	9.76	cps
Cadmium	111-1	1055	1135	1063	1084	4.07	cps
Calcium	43-1	166526	166332	164874	165911	0.54	cps
Calcium	44-1	2763707	2790015	2760695	2771473	0.58	cps
Chromium	52-2	2804	2870	2700	2791	3.07	cps
Cobalt	59-2	307	297	323	309	4.36	cps
Copper	63-2	1740	1713	1793	1749	2.33	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	42	0	50	31	87.67	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	67	75	33	58	37.79	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	9189784	9187657	9116141	9164527	0.46	cps
Holmium	165-2	2198857	2170650	2137864	2169124	1.41	cps
Indium	115-1	7575194	7494191	7542729	7537371	0.54	cps
Indium	115-2	384201	389349	384894	386148	0.72	cps
Iron	56-2	6182003	6113876	6185065	6160315	0.65	cps
Iron	57-2	156743	153900	152901	154515	1.29	cps
Lead	206-1	3584	3773	3856	3738	3.73	cps
Lead	207-1	3134	3000	2967	3034	2.91	cps
Lead	208-1	14537	14215	14381	14378	1.12	cps
Lithium	6-1	1054628	1045802	1047792	1049407	0.44	cps
Magnesium	24-2	344675	342165	341593	342811	0.48	cps
Manganese	55-2	280	253	280	271	5.68	cps

LB Number :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:40:41	DataFile Name :	017SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1065314	1070453	1079516	1071761	0.67	cps
Molybdenum	94-1	380421	382239	381016	381226	0.24	cps
Molybdenum	95-1	660126	663979	668200	664102	0.61	cps
Molybdenum	96-1	700378	713539	713023	708980	1.05	cps
Molybdenum	97-1	408655	416957	414146	413253	1.02	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	600	520	543	554	7.42	cps
Phosphorus	31-2	5276	5226	5268	5257	0.51	cps
Potassium	39-2	206778	203940	203569	204762	0.86	cps
Rhodium	103-1	6927775	6978832	6973947	6960185	0.40	cps
Rhodium	103-2	2037533	2076641	2047768	2053980	0.99	cps
Scandium	45-1	4088818	4055436	4038827	4061027	0.63	cps
Scandium	45-2	43785	44330	45126	44413	1.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-105	-35	-99	-80	-48.38	cps
Silicon	28-1	314730	316401	314603	315245	0.32	cps
Silver	109-1	425	450	508	461	9.27	cps
Silver	107-1	467	542	508	506	7.43	cps
Sodium	23-2	837794	834014	836796	836201	0.23	cps
Strontium	86-1	8295	8044	8311	8217	1.82	cps
Strontium	88-1	63724	64001	63834	63853	0.22	cps
Sulfur	34-1	489250	486155	492847	489417	0.68	cps
Terbium	159-1	9516895	9485717	9442138	9481583	0.40	cps
Terbium	159-2	2123598	2134750	2077104	2111817	1.45	cps
Thallium	203-1	283	217	333	278	21.07	cps
Thallium	205-1	633	625	667	642	3.44	cps
Tin	118-1	858	850	833	847	1.50	cps
Titanium	47-1	163130	165365	164388	164295	0.68	cps
Uranium	238-1	142	142	142	142	0.00	cps
Vanadium	51-2	23	30	23	26	15.07	cps
Yttrium	89-1	7810186	7816848	7704329	7777121	0.81	cps
Yttrium	89-2	289312	293794	289336	290814	0.89	cps
Zinc	66-2	183	227	220	210	11.11	cps
Zirconium	90-1	508	525	475	503	5.06	cps

LB Number :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:40:41	DataFile Name :	017SMPL_P8091517- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	167	133	142	15.56	cps

LB Number :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:43:48	DataFile Name :	018SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66590	65627	66406	66208	0.77	cps
Antimony	121-1	17237	17662	17804	17568	1.68	cps
Arsenic	75-2	276	243	243	254	7.58	cps
Barium	135-1	3609	3767	3626	3667	2.37	cps
Barium	137-1	6769	6535	6777	6694	2.05	cps
Beryllium	9-1	2339	2261	2234	2278	2.40	cps
Bismuth	209-1	5525356	5712196	5606680	5614744	1.67	cps
Bismuth	209-2	1675826	1620185	1677608	1657873	1.97	cps
Boron	11-1	6643	6735	6377	6585	2.83	cps
Boron	10-1	1392	1592	1533	1506	6.83	cps
Cadmium	106-1	1842	1767	1784	1797	2.19	cps
Cadmium	108-1	442	400	396	413	6.14	cps
Cadmium	111-1	4552	4637	4347	4512	3.30	cps
Calcium	43-1	162337	167470	166384	165397	1.64	cps
Calcium	44-1	2713643	2820206	2775637	2769829	1.93	cps
Chromium	52-2	4668	4604	4648	4640	0.70	cps
Cobalt	59-2	4154	4431	4244	4276	3.30	cps
Copper	63-2	5291	5218	5234	5248	0.73	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	50	42	50	47	10.18	cps
Gadolinium	160-2	3	13	17	11	62.48	cps
Holmium	165-1	8964936	9178343	9113992	9085757	1.20	cps
Holmium	165-2	2215845	2117853	2185707	2173135	2.31	cps
Indium	115-1	7366907	7473984	7458705	7433199	0.78	cps
Indium	115-2	391421	381012	387321	386584	1.36	cps
Iron	56-2	6280616	6054836	6227969	6187807	1.91	cps
Iron	57-2	156092	152238	157264	155198	1.69	cps
Lead	206-1	13541	14275	13747	13854	2.73	cps
Lead	207-1	10938	11667	11594	11400	3.52	cps
Lead	208-1	51871	54380	53167	53139	2.36	cps
Lithium	6-1	1017774	1065150	1044620	1042515	2.28	cps
Magnesium	24-2	344075	336701	348520	343098	1.74	cps
Manganese	55-2	890	820	720	810	10.55	cps

LB Number :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:43:48	DataFile Name :	018SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1072191	1115067	1103746	1097001	2.03	cps
Molybdenum	94-1	407006	419569	418473	415016	1.68	cps
Molybdenum	95-1	665102	692596	688449	682049	2.17	cps
Molybdenum	96-1	721392	738404	737746	732514	1.32	cps
Molybdenum	97-1	414900	429002	430364	424755	2.02	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1787	1653	1927	1789	7.64	cps
Phosphorus	31-2	5068	5034	5768	5290	7.83	cps
Potassium	39-2	205564	203890	207669	205707	0.92	cps
Rhodium	103-1	6802964	6940346	6801318	6848209	1.17	cps
Rhodium	103-2	2073420	1997236	2046322	2038992	1.89	cps
Scandium	45-1	3978521	4049661	4054669	4027617	1.06	cps
Scandium	45-2	44815	43511	44534	44286	1.55	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	7	15	0	7	99.98	cps
Selenium	82-1	140	253	256	216	30.53	cps
Silicon	28-1	329130	335346	334595	333024	1.02	cps
Silver	109-1	15284	16694	16027	16002	4.41	cps
Silver	107-1	16786	17362	16786	16978	1.96	cps
Sodium	23-2	840523	821743	845482	835916	1.50	cps
Strontium	86-1	20942	21033	21009	20995	0.22	cps
Strontium	88-1	170098	174992	173940	173010	1.49	cps
Sulfur	34-1	482117	493794	490098	488670	1.22	cps
Terbium	159-1	9196717	9640196	9414623	9417179	2.35	cps
Terbium	159-2	2139365	2038338	2133870	2103858	2.70	cps
Thallium	203-1	12440	13249	13066	12918	3.28	cps
Thallium	205-1	29377	31565	30270	30404	3.62	cps
Tin	118-1	32323	32733	32156	32404	0.92	cps
Titanium	47-1	165803	172972	172148	170308	2.30	cps
Uranium	238-1	102897	107503	106092	105498	2.24	cps
Vanadium	51-2	1440	1273	1387	1367	6.23	cps
Yttrium	89-1	7497377	7768960	7670167	7645501	1.80	cps
Yttrium	89-2	293661	284400	291277	289779	1.66	cps
Zinc	66-2	557	520	543	540	3.44	cps
Zirconium	90-1	67267	68314	69059	68213	1.32	cps

LB Number :	LB90142	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	10
Date & Time Acquired ::	2017-09-15 14:43:48	DataFile Name :	018SMPL_P8091517- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	15743	15610	15009	15454	2.53	cps

LB Number :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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
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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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
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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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
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 :	LB90142	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 :	LB90142	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 : LB90142 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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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 :	LB90142	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