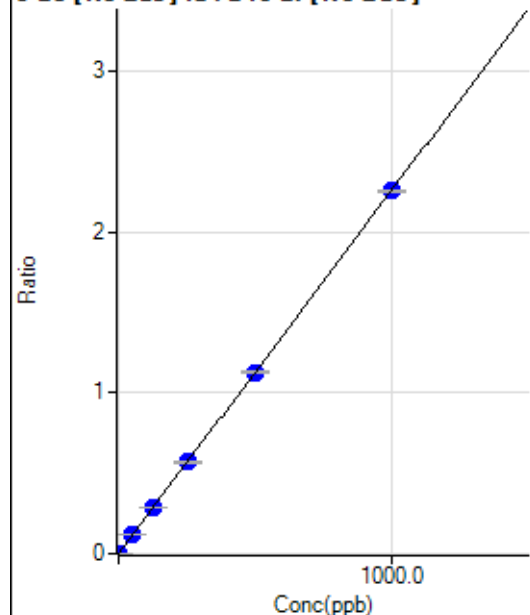


Calibration for 006CALS.d

Batch Folder: D:\ICP-MS Data\P7031617-MS .b\
 Analysis File: P7031617-MS .batch.bin
 DA Date-Time: 2017-03-16 18:02:20
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-03-16 15:29:05
2			
3	004CALS.d	S02	2017-03-16 15:37:25
4	005CALS.d	S03	2017-03-16 15:41:14
5	006CALS.d	S04	2017-03-16 15:45:14
6	007CALS.d	S05	2017-03-16 15:48:57
7	008CALS.d	S06	2017-03-16 15:52:36
8	009CALS.d	S07	2017-03-16 15:56:11
9	010CALS.d	S08	2017-03-16 15:59:42

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	51.85	0.0001	P	30.7
2	☐	0.100					
3	☐	1.000	1.048	1589.01	0.0024	P	11.4
4	☐	50.000	50.833	75991.50	0.1148	P	0.7
5	☐	125.000	128.238	191218.45	0.2894	P	0.6
6	☐	250.000	252.343	378724.76	0.5694	P	0.7
7	☐	500.000	499.606	743026.48	1.1272	P	0.9
8	☐	1000.000	999.165	1433245.74	2.2543	P	0.8
9	☐			288.90	0.0005	P	15.2

$$y = 0.0023 * x + 8.0082E-005$$

$$R = 1.0000$$

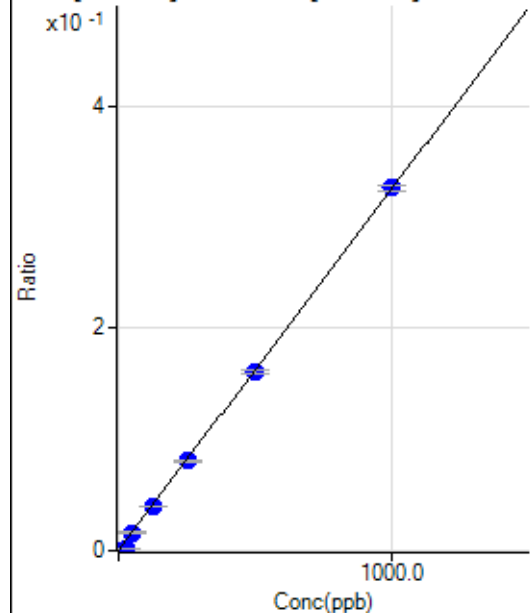
$$DL = 0.0327$$

$$BEC = 0.0355$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.78	0.0003	P	5.1
2	☐	2.500					
3	☐	25.000	4.562	1141.76	0.0018	P	6.9
4	☐	50.000	49.366	10795.94	0.0163	P	3.1
5	☐	125.000	123.192	26610.41	0.0403	P	1.5
6	☐	250.000	248.408	53827.48	0.0809	P	1.7
7	☐	500.000	495.355	106194.00	0.1611	P	2.2
8	☐	1000.000	1003.489	207321.40	0.3261	P	1.7
9	☐			3536.67	0.0061	P	11.5

$$y = 3.2468E-004 * x + 2.7472E-004$$

$$R = 0.9998$$

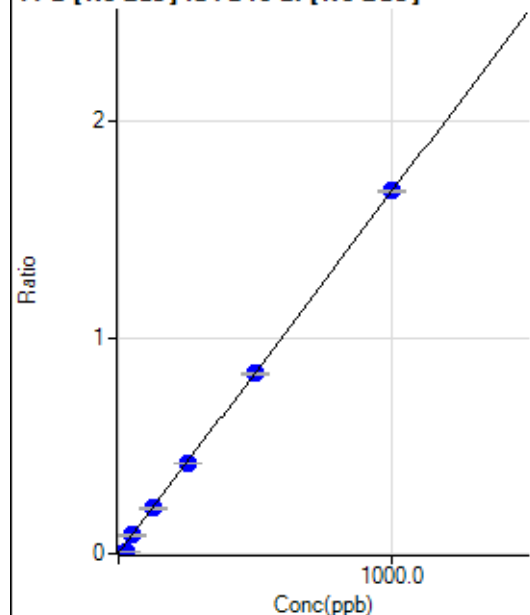
$$DL = 0.1302$$

$$BEC = 0.8461$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	955.63	0.0015	P	12.9
2	☐	2.500					
3	☐	25.000	5.219	6632.27	0.0102	P	1.4
4	☐	50.000	49.748	56029.72	0.0846	P	0.4
5	☐	125.000	124.574	138543.16	0.2097	P	1.1
6	☐	250.000	248.076	276750.08	0.4161	P	0.8
7	☐	500.000	496.530	547982.25	0.8313	P	1.1
8	☐	1000.000	1002.777	1066492.65	1.6774	P	0.9
9	☐			17816.72	0.0308	P	6.3

$$y = 0.0017 * x + 0.0015$$

$$R = 0.9998$$

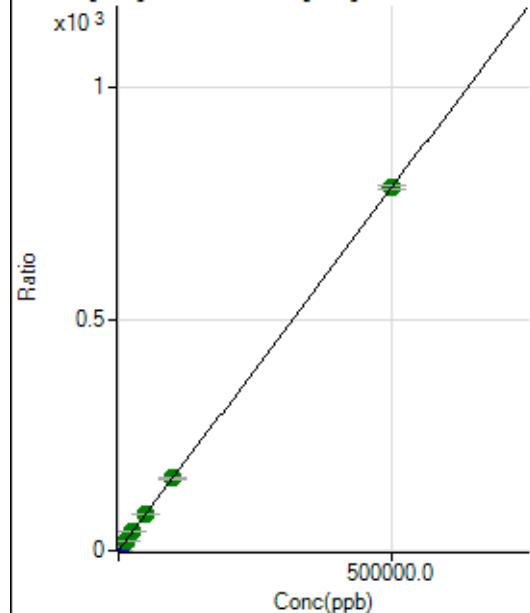
$$DL = 0.3409$$

$$BEC = 0.8839$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29872.21	0.0807	P	0.5
2	☐	50.000					
3	☐	500.000	537.343	342625.05	0.9229	P	0.5
4	☐	5000.000	5230.219	3090237.74	8.2779	P	0.8
5	☐	12500.000	12885.243	7557656.85	20.2755	A	0.9
6	☐	25000.000	25621.429	14826768.73	40.2367	A	1.4
7	☐	50000.000	50826.830	29452903.09	79.7407	A	0.4
8	☐	100000.00	99588.539	58612876.31	156.1641	A	0.7
9	☐	500000.00	499956.56	303049692.89	783.6538	A	1.0

$$y = 0.0016 * x + 0.0807$$

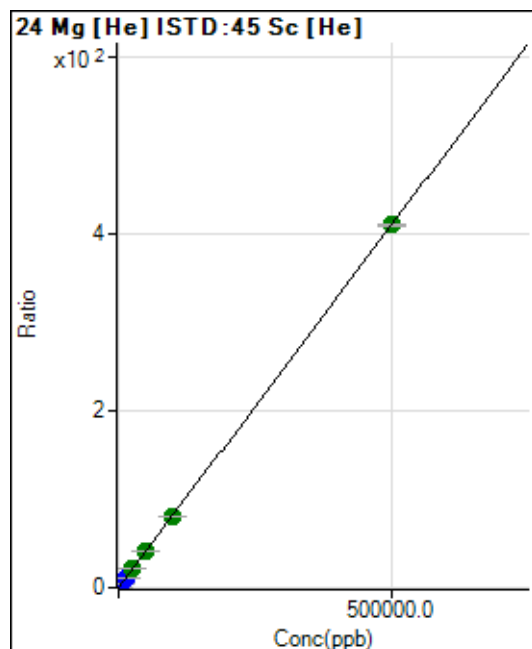
$$R = 1.0000$$

$$DL = 0.7181$$

$$BEC = 51.5$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0004	P	24.2
2	☐	50.000					
3	☐	500.000	535.188	162868.00	0.4387	P	0.9
4	☐	5000.000	5205.941	1591857.78	4.2642	P	0.7
5	☐	12500.000	12951.257	3954034.38	10.6078	P	0.8
6	☐	25000.000	25573.797	7718973.87	20.9460	A	0.5
7	☐	50000.000	50376.430	15239660.24	41.2600	A	0.5
8	☐	100000.00	98750.539	30356054.85	80.8796	A	1.0
9	☐	500000.00	500170.18	158419916.04	409.6527	A	0.6

$$y = 8.1903\text{E-}004 * x + 3.5278\text{E-}004$$

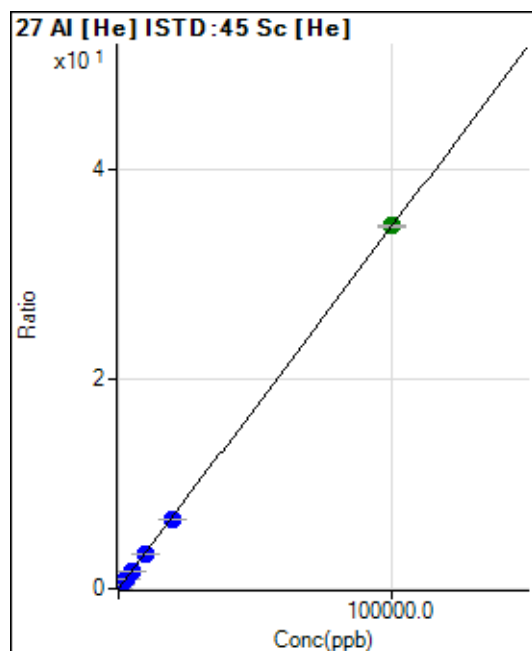
$$R = 1.0000$$

$$DL = 0.3126$$

$$BEC = 0.4307$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0002	P	24.1
2	☐	2.000					
3	☐	20.000	23.343	3083.79	0.0083	P	9.2
4	☐	1000.000	1006.105	129792.26	0.3477	P	1.2
5	☐	2500.000	2478.024	319056.84	0.8560	P	1.3
6	☐	5000.000	4904.667	624218.91	1.6940	P	1.0
7	☐	10000.000	9677.853	1234478.48	3.3423	P	0.8
8	☐	20000.000	19040.722	2467898.21	6.5755	P	1.2
9	☐	100000.00	100229.32	13385092.83	34.6120	A	0.3

$$y = 3.4533\text{E-}004 * x + 2.4770\text{E-}004$$

$$R = 0.9999$$

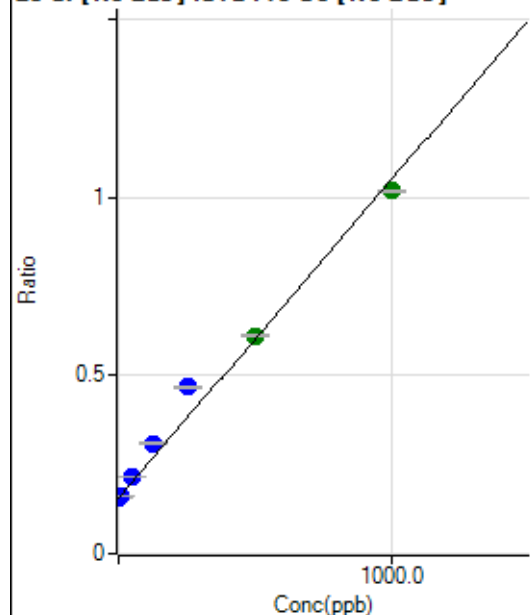
$$DL = 0.5181$$

$$BEC = 0.7173$$

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	1027490.99	0.1563	P	0.7
2	☐	1.000					
3	☐	10.000	6.719	1072946.05	0.1624	P	0.9
4	☐	50.000	68.284	1449208.64	0.2175	P	0.5
5	☐	125.000	172.401	2077569.82	0.3107	P	0.8
6	☐	250.000	349.008	3118837.72	0.4688	P	0.8
7	☐	500.000	508.673	4107358.08	0.6117	A	0.8
8	☐	1000.000	964.105	6865524.98	1.0194	A	0.3
9	☐			1071503.32	0.1608	P	0.8

$$y = 8.9517E-004 * x + 0.1563$$

$$R = 0.9935$$

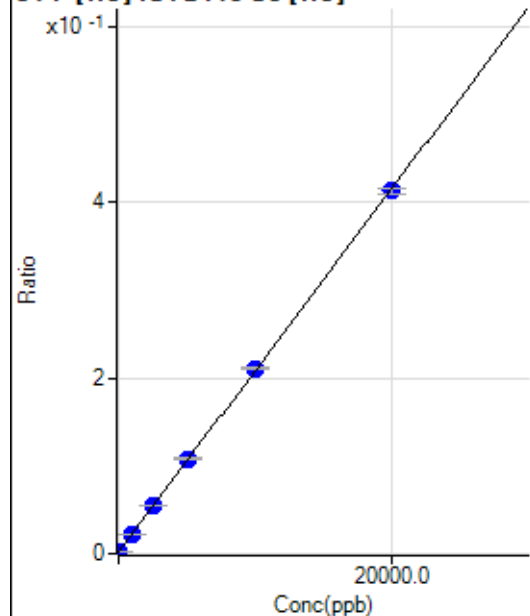
$$DL = 3.824$$

$$BEC = 174.7$$

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	-14.898	547.25	0.0015	P	18.2
2	☐	0.000					
3	☐	0.000	14.898	777.84	0.0021	P	9.6
4	☐	1000.000	1009.312	8463.88	0.0227	P	1.7
5	☐	2500.000	2542.920	20281.22	0.0544	P	1.4
6	☐	5000.000	5148.037	39915.68	0.1083	P	0.5
7	☐	10000.000	10121.759	78020.79	0.2112	P	1.1
8	☐	20000.000	19896.281	155193.32	0.4135	P	1.3
9	☐			700.05	0.0018	P	10.5

$$y = 2.0693E-005 * x + 0.0018$$

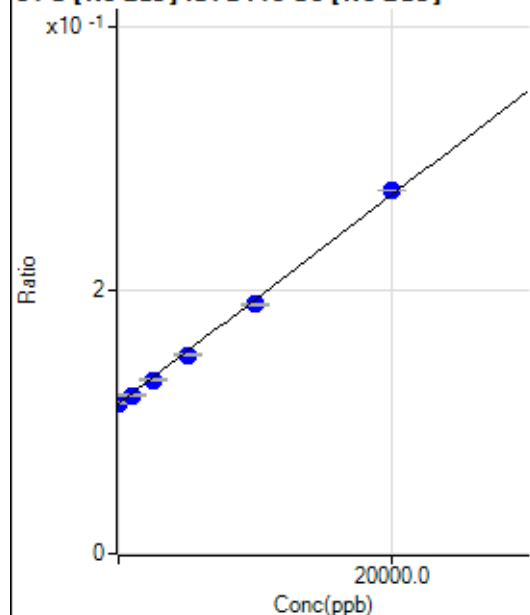
$$R = 0.9999$$

$$DL = 34.16$$

$$BEC = 86.38$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-9.206	748892.57	0.1140	P	0.7
2	☐	0.000					
3	☐	0.000	9.206	754010.81	0.1141	P	1.2
4	☐	1000.000	788.168	801537.18	0.1203	P	0.7
5	☐	2500.000	2267.940	882833.19	0.1320	P	1.3
6	☐	5000.000	4619.809	1002505.99	0.1507	P	1.0
7	☐	10000.000	9504.802	1271987.37	0.1894	P	0.8
8	☐	20000.000	20382.246	1857051.63	0.2757	P	0.1
9	☐			649039.22	0.0974	P	0.7

$$y = 7.9336\text{E-}006 * x + 0.1140$$

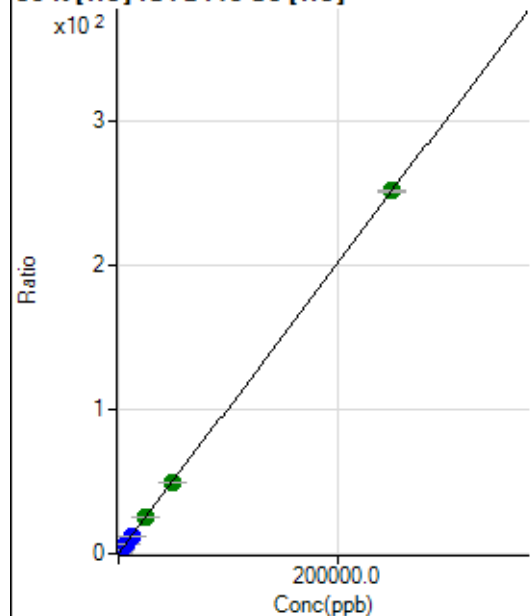
$$R = 0.9994$$

$$DL = 412.4$$

$$BEC = 1.437\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70314.13	0.1900	P	0.9
2	☐	50.000					
3	☐	500.000	509.944	260576.76	0.7019	P	1.3
4	☐	2500.000	2492.111	1004800.21	2.6916	P	0.8
5	☐	6250.000	6204.152	2392264.14	6.4178	P	0.4
6	☐	12500.000	12326.393	4629770.59	12.5634	P	0.3
7	☐	25000.000	24436.826	9130518.35	24.7199	A	0.4
8	☐	50000.000	48480.245	18336548.33	48.8550	A	0.6
9	☐	250000.00	250370.15	97265504.95	251.5143	A	0.4

$$y = 0.0010 * x + 0.1900$$

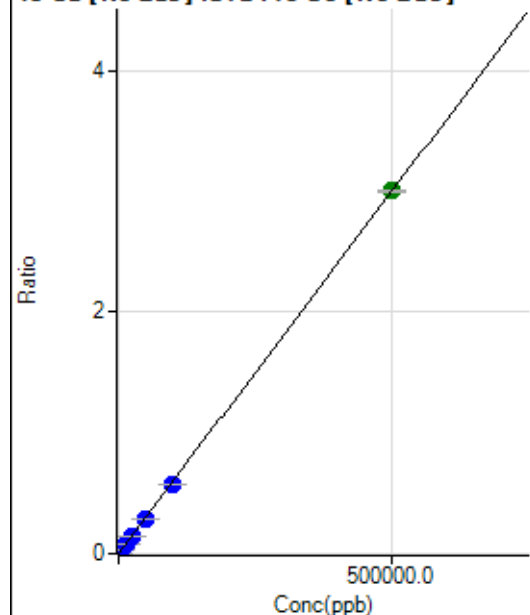
$$R = 1.0000$$

$$DL = 5.21$$

$$BEC = 189.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	955.63	0.0001	P	9.9
2	☐	50.000					
3	☐	500.000	493.490	20506.49	0.0031	P	3.9
4	☐	5000.000	4885.467	196083.61	0.0294	P	1.6
5	☐	12500.000	12103.194	486042.06	0.0727	P	1.0
6	☐	25000.000	24228.342	967065.61	0.1454	P	0.4
7	☐	50000.000	47949.495	1930643.88	0.2875	P	0.3
8	☐	100000.00	95010.811	3836029.17	0.5696	P	0.1
9	☐	500000.00	501252.54	20013358.95	3.0043	A	0.6

$$y = 5.9932\text{E-}006 * x + 1.4547\text{E-}004$$

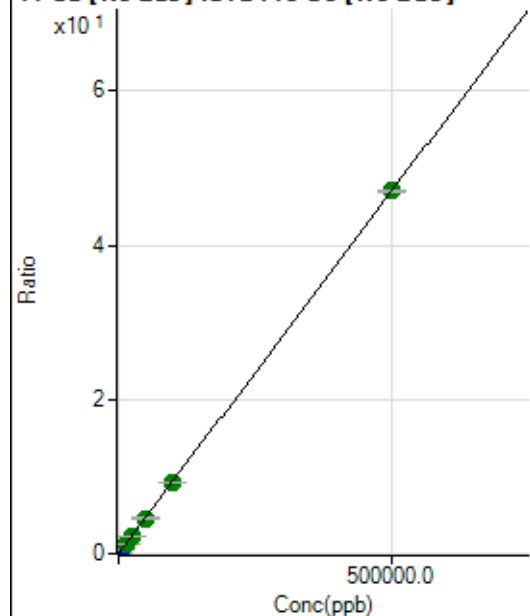
$$R = 0.9999$$

$$DL = 7.195$$

$$BEC = 24.27$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	32169.37	0.0049	P	2.0
2	☐	50.000					
3	☐	500.000	505.460	346249.78	0.0524	P	0.5
4	☐	5000.000	4980.037	3151241.85	0.4729	P	0.2
5	☐	12500.000	12336.924	7785545.14	1.1642	A	0.9
6	☐	25000.000	24547.695	15380217.18	2.3117	A	1.3
7	☐	50000.000	48908.488	30894842.70	4.6010	A	0.7
8	☐	100000.00	97409.015	61683911.79	9.1587	A	0.2
9	☐	500000.00	500654.23	313453993.12	47.0531	A	0.3

$$y = 9.3973\text{E-}005 * x + 0.0049$$

$$R = 1.0000$$

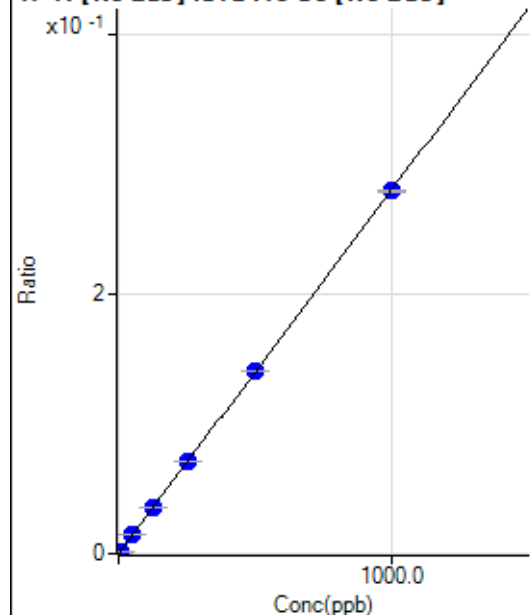
$$DL = 3.194$$

$$BEC = 52.09$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.79	0.0000	P	27.1
2	☐	0.500					
3	☐	5.000	5.081	9600.73	0.0015	P	3.7
4	☐	50.000	50.719	94804.01	0.0142	P	1.4
5	☐	125.000	126.293	236588.96	0.0354	P	0.7
6	☐	250.000	252.815	470995.47	0.0708	P	0.9
7	☐	500.000	502.474	944542.35	0.1407	P	0.7
8	☐	1000.000	997.861	1881210.63	0.2793	P	0.4
9	☐			1725.46	0.0003	P	22.8

$$y = 2.7989\text{E-}004 * x + 3.0842\text{E-}005$$

$$R = 1.0000$$

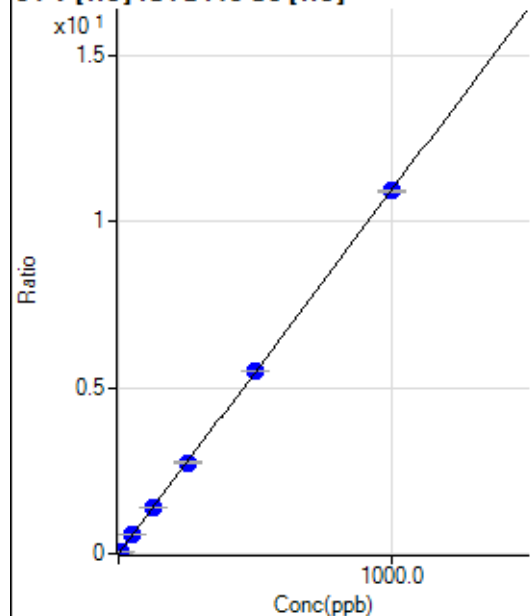
$$DL = 0.08952$$

$$BEC = 0.1102$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0001	P	35.5
2	☐	0.500					
3	☐	5.000	5.176	21051.88	0.0567	P	0.3
4	☐	50.000	50.783	207336.10	0.5554	P	0.9
5	☐	125.000	126.393	515201.27	1.3822	P	1.1
6	☐	250.000	251.230	1012398.81	2.7473	P	0.3
7	☐	500.000	502.149	2028148.74	5.4910	P	0.4
8	☐	1000.000	998.404	4097638.27	10.9174	P	0.4
9	☐			1410.09	0.0036	P	7.8

$$y = 0.0109 * x + 1.0502\text{E-}004$$

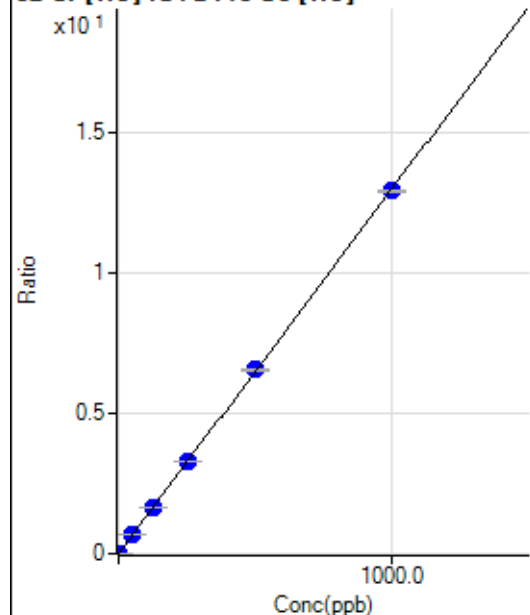
$$R = 1.0000$$

$$DL = 0.01023$$

$$BEC = 0.009604$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1070.06	0.0029	P	5.2
2	☐	0.200					
3	☐	2.000	2.244	11872.71	0.0320	P	2.6
4	☐	50.000	51.341	249510.06	0.6684	P	0.9
5	☐	125.000	127.603	617605.25	1.6569	P	0.8
6	☐	250.000	254.327	1215899.62	3.2995	P	0.5
7	☐	500.000	504.956	2418623.92	6.5482	P	0.5
8	☐	1000.000	996.048	4846938.02	12.9138	P	0.3
9	☐			123051.57	0.3182	P	0.5

$$y = 0.0130 * x + 0.0029$$

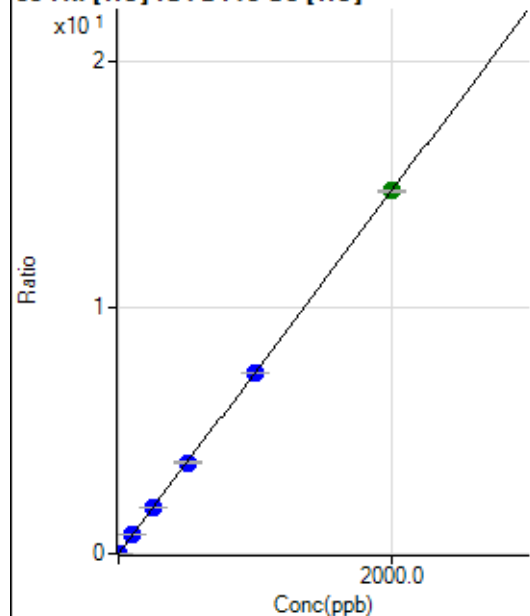
$$R = 1.0000$$

$$DL = 0.03473$$

$$BEC = 0.2231$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0002	P	28.2
2	☐	0.100					
3	☐	1.000	1.087	3054.81	0.0082	P	7.2
4	☐	100.000	101.563	279455.08	0.7486	P	1.1
5	☐	250.000	253.120	695322.91	1.8654	P	0.4
6	☐	500.000	503.311	1366781.59	3.7089	P	0.4
7	☐	1000.000	997.301	2714389.92	7.3490	P	0.5
8	☐	2000.000	2000.053	5531487.49	14.7379	A	0.7
9	☐			18120.32	0.0469	P	3.2

$$y = 0.0074 * x + 2.1926E-004$$

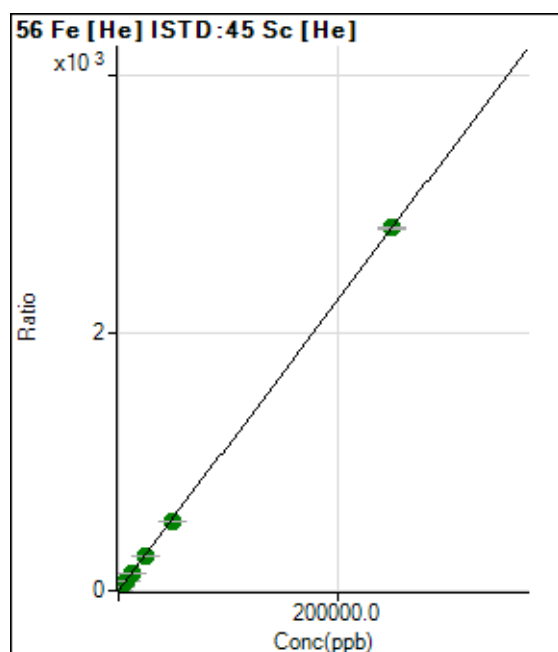
$$R = 1.0000$$

$$DL = 0.02518$$

$$BEC = 0.02976$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7650.35	0.0207	P	5.4
2	☐	5.000					
3	☐	50.000	50.343	217523.32	0.5859	P	0.5
4	☐	2500.000	2477.523	10392044.79	27.8376	A	0.8
5	☐	6250.000	6168.925	25825765.62	69.2837	A	0.4
6	☐	12500.000	12317.386	50970021.51	138.3170	A	1.0
7	☐	25000.000	24342.677	100958078.18	273.3337	A	0.4
8	☐	50000.000	48061.044	202538430.45	539.6372	A	0.8
9	☐	250000.00	250464.90	1087525431.7	2,812.173	A	0.3

$$y = 0.0112 * x + 0.0207$$

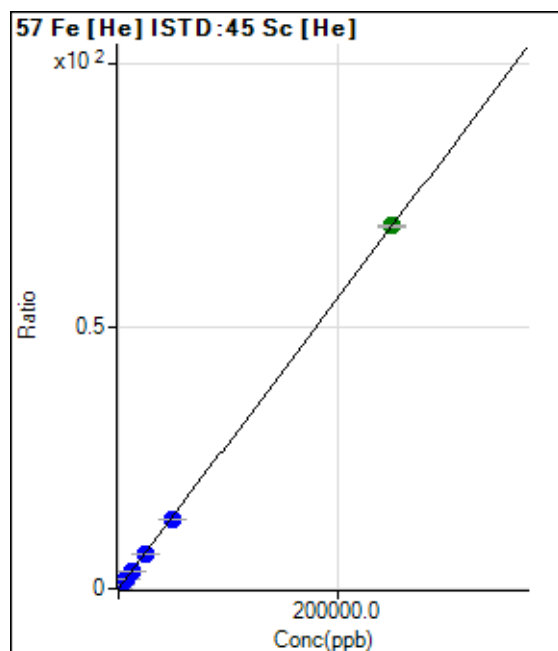
$$R = 1.0000$$

$$DL = 0.3003$$

$$BEC = 1.841$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	151.86	0.0004	P	4.2
2	☐	5.000					
3	☐	50.000	53.122	5599.36	0.0151	P	4.7
4	☐	2500.000	2460.855	253855.81	0.6800	P	1.0
5	☐	6250.000	6094.523	627533.59	1.6835	P	0.4
6	☐	12500.000	12174.743	1239152.42	3.3627	P	0.8
7	☐	25000.000	24070.164	2455401.91	6.6478	P	0.4
8	☐	50000.000	47686.552	4943013.13	13.1698	P	0.5
9	☐	250000.00	250576.21	26761728.38	69.2009	A	0.5

$$y = 2.7617E-004 * x + 4.1031E-004$$

$$R = 1.0000$$

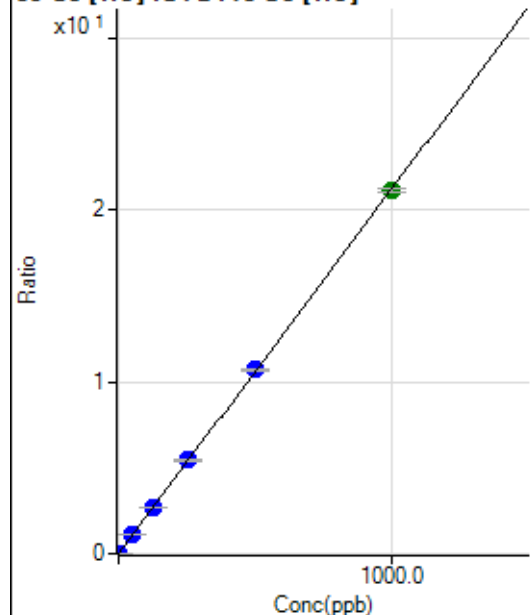
$$DL = 0.1867$$

$$BEC = 1.486$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0004	P	21.2
2	☐	0.100					
3	☐	1.000	1.070	8568.18	0.0231	P	0.8
4	☐	50.000	51.899	410395.53	1.0993	P	0.6
5	☐	125.000	128.227	1012212.64	2.7155	P	0.9
6	☐	250.000	256.090	1998402.18	5.4229	P	0.5
7	☐	500.000	504.817	3948257.48	10.6896	P	0.7
8	☐	1000.000	995.570	7912073.49	21.0809	A	1.1
9	☐			10383.83	0.0269	P	2.4

$$y = 0.0212 * x + 4.2017E-004$$

$$R = 1.0000$$

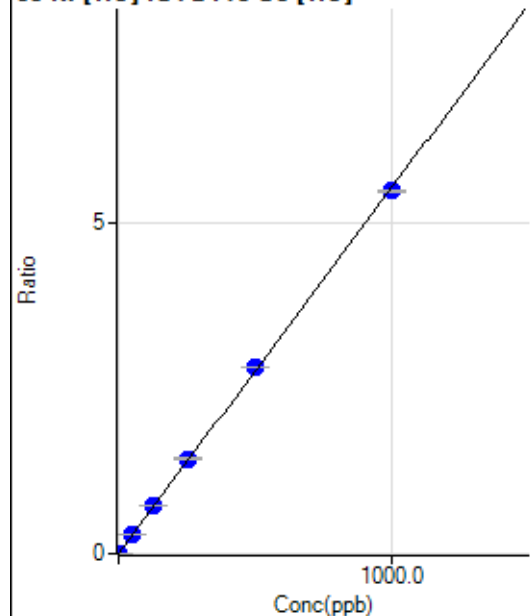
$$DL = 0.01262$$

$$BEC = 0.01984$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	160.00	0.0004	P	7.4
2	☐	0.100					
3	☐	1.000	1.103	2431.35	0.0065	P	4.2
4	☐	50.000	52.916	109674.00	0.2938	P	0.5
5	☐	125.000	130.107	269026.50	0.7217	P	0.2
6	☐	250.000	260.012	531342.73	1.4419	P	0.6
7	☐	500.000	509.716	1043868.66	2.8262	P	0.7
8	☐	1000.000	991.855	2063945.49	5.4990	P	0.5
9	☐			31089.83	0.0804	P	0.9

$$y = 0.0055 * x + 4.3238E-004$$

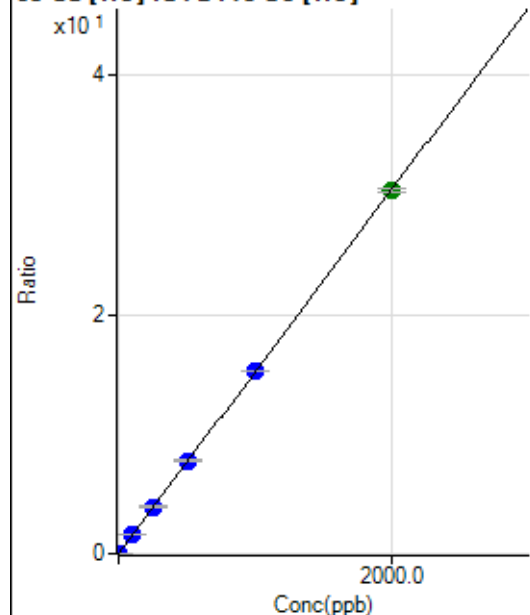
$$R = 0.9999$$

$$DL = 0.01742$$

$$BEC = 0.07799$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	775.59	0.0021	P	4.3
2	☐	0.200					
3	☐	2.000	2.258	13529.77	0.0364	P	1.8
4	☐	100.000	104.270	592892.00	1.5882	P	1.1
5	☐	250.000	258.184	1464738.85	3.9295	P	0.6
6	☐	500.000	511.432	2867654.58	7.7819	P	0.7
7	☐	1000.000	1003.543	5639229.50	15.2677	P	0.8
8	☐	2000.000	1994.134	11385872.19	30.3364	A	1.0
9	☐			18938.03	0.0490	P	0.8

$$y = 0.0152 * x + 0.0021$$

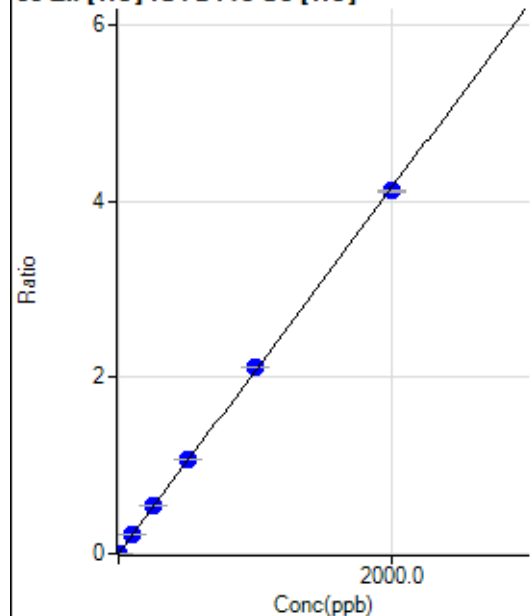
$$R = 1.0000$$

$$DL = 0.01781$$

$$BEC = 0.1378$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	124.45	0.0003	P	8.1
2	☐	0.200					
3	☐	2.000	2.270	1873.49	0.0050	P	2.4
4	☐	100.000	104.296	80905.82	0.2167	P	0.1
5	☐	250.000	260.949	201932.71	0.5417	P	0.7
6	☐	500.000	516.964	395368.06	1.0729	P	0.7
7	☐	1000.000	1019.572	781439.12	2.1157	P	0.8
8	☐	2000.000	1984.389	1545389.70	4.1174	P	0.4
9	☐			5487.79	0.0142	P	4.0

$$y = 0.0021 * x + 3.3624E-004$$

$$R = 0.9999$$

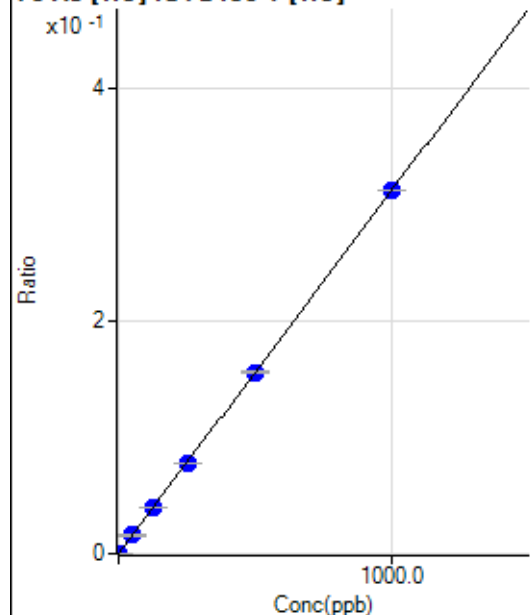
$$DL = 0.03918$$

$$BEC = 0.1621$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.7
2	☐	0.100					
3	☐	1.000	1.025	655.58	0.0003	P	4.8
4	☐	50.000	50.362	31331.87	0.0157	P	0.4
5	☐	125.000	125.987	77933.72	0.0392	P	0.5
6	☐	250.000	250.437	153897.17	0.0780	P	0.6
7	☐	500.000	500.070	308304.49	0.1557	P	0.5
8	☐	1000.000	999.714	623267.93	0.3113	P	0.2
9	☐			1004.98	0.0005	P	10.0

$$y = 3.1139\text{E-}004 * x + 1.1234\text{E-}005$$

$$R = 1.0000$$

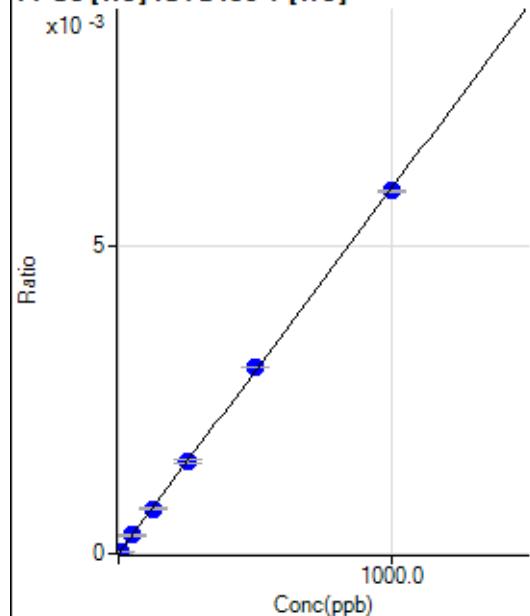
$$DL = 0.02346$$

$$BEC = 0.03608$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.825	57.78	0.0000	P	39.1
4	☐	50.000	50.322	596.69	0.0003	P	3.2
5	☐	125.000	123.251	1452.32	0.0007	P	6.9
6	☐	250.000	253.387	2964.80	0.0015	P	3.8
7	☐	500.000	511.868	6008.02	0.0030	P	0.3
8	☐	1000.000	993.423	11790.52	0.0059	P	0.8
9	☐			27.78	0.0000	P	18.3

$$y = 5.9275\text{E-}006 * x + 5.6293\text{E-}007$$

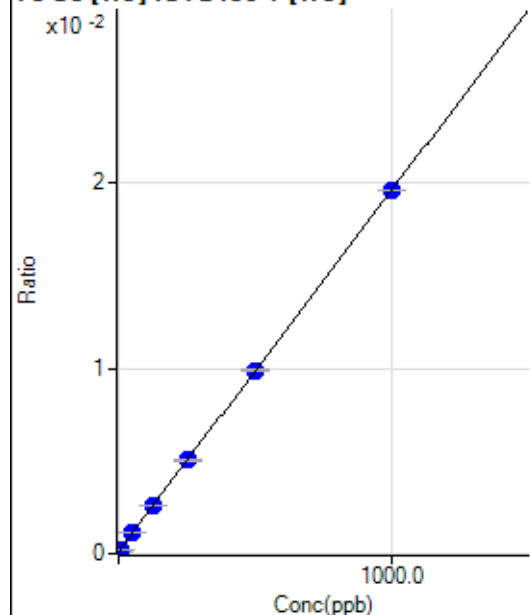
$$R = 0.9999$$

$$DL = 0.4935$$

$$BEC = 0.09497$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.43	0.0001	P	6.0
2	☐	0.500					
3	☐	5.000	4.565	413.59	0.0002	P	3.0
4	☐	50.000	51.054	2221.80	0.0011	P	4.0
5	☐	125.000	126.165	5112.67	0.0026	P	0.6
6	☐	250.000	252.865	9944.22	0.0050	P	0.9
7	☐	500.000	500.633	19521.86	0.0099	P	1.1
8	☐	1000.000	998.771	39146.48	0.0196	P	0.1
9	☐			367.29	0.0002	P	5.8

$$y = 1.9457\text{E-}005 * x + 1.1956\text{E-}004$$

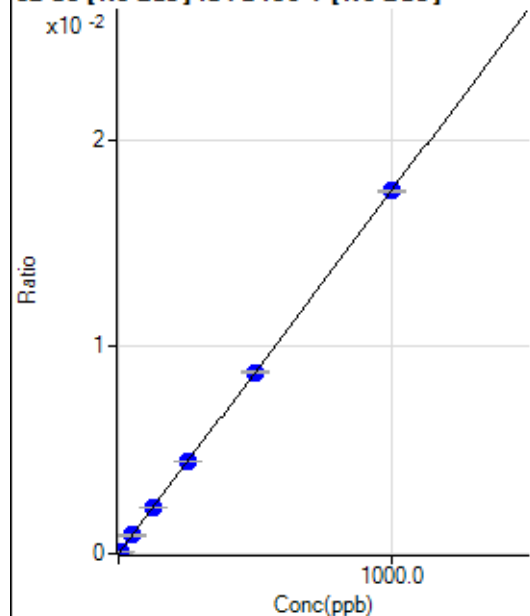
$$R = 1.0000$$

$$DL = 1.103$$

$$BEC = 6.145$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.74	0.0000	P	41.3
2	☐	0.500					
3	☐	5.000	4.325	952.93	0.0001	P	24.6
4	☐	50.000	50.036	10336.33	0.0009	P	1.3
5	☐	125.000	125.420	25857.49	0.0022	P	1.1
6	☐	250.000	252.518	51952.40	0.0044	P	0.6
7	☐	500.000	498.977	103883.56	0.0088	P	0.7
8	☐	1000.000	999.831	208001.01	0.0175	P	0.5
9	☐			339.26	0.0000	P	6.2

$$y = 1.7539\text{E-}005 * x + 6.6203\text{E-}006$$

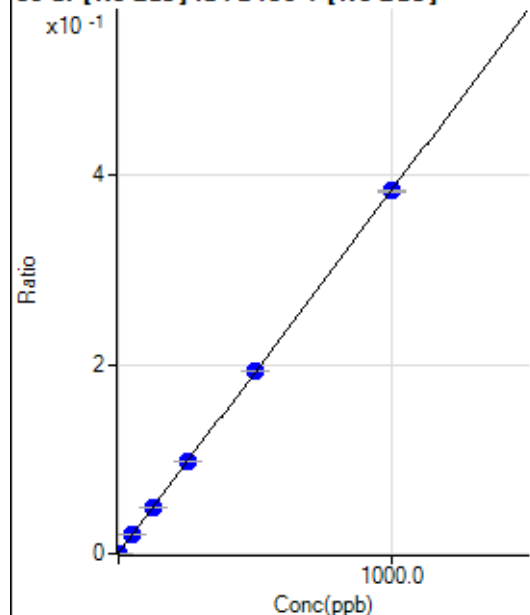
$$R = 1.0000$$

$$DL = 0.4672$$

$$BEC = 0.3775$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5253.95	0.0005	P	0.9
2	☐	0.100					
3	☐	1.000	0.982	9659.25	0.0008	P	2.1
4	☐	50.000	50.572	232315.63	0.0199	P	0.9
5	☐	125.000	127.391	578495.97	0.0494	P	1.4
6	☐	250.000	252.019	1138546.32	0.0972	P	0.6
7	☐	500.000	500.381	2283850.08	0.1926	P	0.2
8	☐	1000.000	998.977	4552565.77	0.3840	P	0.3
9	☐			146585.70	0.0127	P	0.4

$$y = 3.8389\text{E-}004 * x + 4.5973\text{E-}004$$

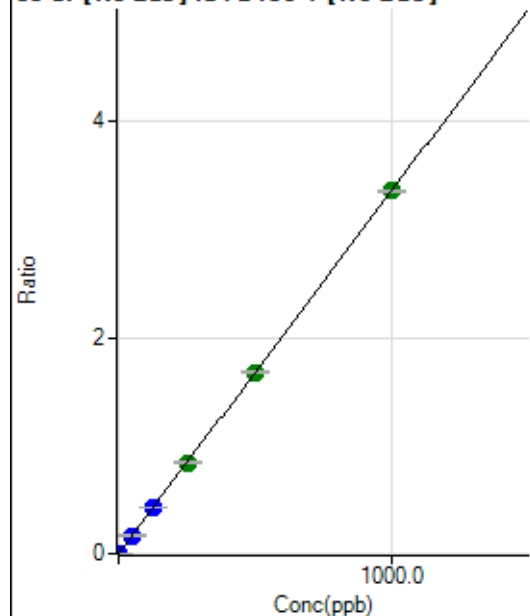
$$R = 1.0000$$

$$DL = 0.03206$$

$$BEC = 1.198$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0000	P	11.6
2	☐	0.100					
3	☐	1.000	1.084	42294.14	0.0037	P	0.4
4	☐	50.000	50.279	1973934.44	0.1689	P	0.5
5	☐	125.000	125.684	4946437.44	0.4221	P	0.7
6	☐	250.000	250.060	9835215.58	0.8397	A	1.5
7	☐	500.000	499.534	19895880.13	1.6775	A	1.1
8	☐	1000.000	1000.119	39820931.10	3.3585	A	0.3
9	☐			1239897.06	0.1077	P	0.6

$$y = 0.0034 * x + 2.4542\text{E-}005$$

$$R = 1.0000$$

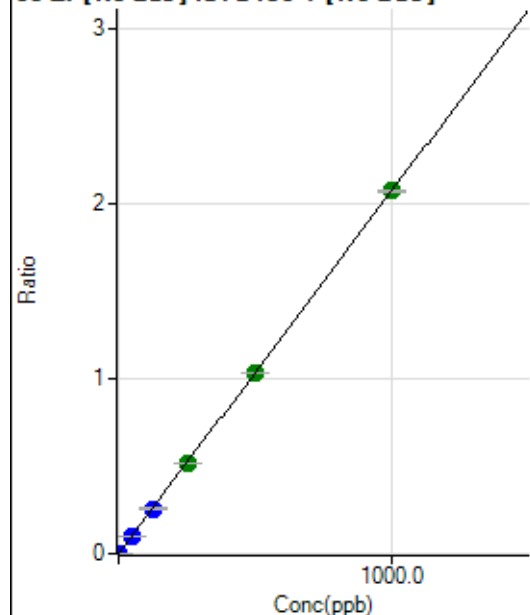
$$DL = 0.002533$$

$$BEC = 0.007308$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1314.01	0.0001	P	1.2
2	☐	0.100					
3	☐	1.000	0.846	21575.24	0.0019	P	2.0
4	☐	50.000	49.410	1199032.86	0.1026	P	0.4
5	☐	125.000	124.306	3022134.42	0.2579	P	0.5
6	☐	250.000	250.993	6097254.00	0.5206	A	0.4
7	☐	500.000	498.421	12259814.08	1.0336	A	0.7
8	☐	1000.000	1000.658	24603191.00	2.0751	A	0.6
9	☐			6207.20	0.0005	P	3.9

$$y = 0.0021 * x + 1.1497E-004$$

$$R = 1.0000$$

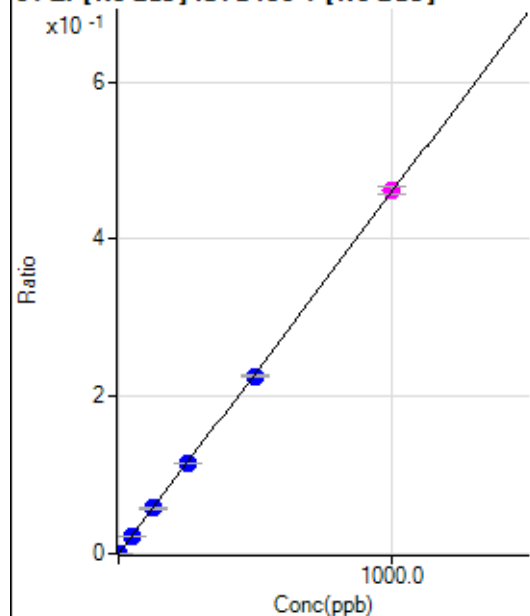
$$DL = 0.002035$$

$$BEC = 0.05545$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	361.13	0.0000	P	9.9
2	☐	0.100					
3	☐	1.000	0.816	4689.87	0.0004	P	0.9
4	☐	50.000	49.280	264778.61	0.0227	P	1.0
5	☐	125.000	125.379	674799.86	0.0576	P	0.6
6	☐	250.000	249.032	1339149.20	0.1143	P	0.3
7	☐	500.000	491.290	2674902.06	0.2255	P	1.1
8	☐	1000.000	1004.586	5466840.31	0.4611	M	2.1
9	☐			1361.24	0.0001	P	8.8

$$y = 4.5898E-004 * x + 3.1613E-005$$

$$R = 0.9999$$

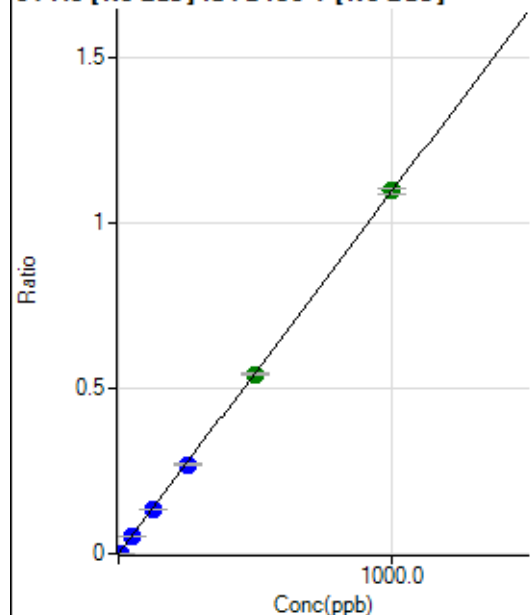
$$DL = 0.0205$$

$$BEC = 0.06888$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	758.39	0.0001	P	10.9
2	☐	0.500					
3	☐	5.000	2.080	26973.52	0.0023	P	0.3
4	☐	50.000	48.468	619176.46	0.0530	P	1.3
5	☐	125.000	122.547	1568385.41	0.1338	P	0.4
6	☐	250.000	246.753	3155345.88	0.2694	P	0.5
7	☐	500.000	496.214	6424768.59	0.5417	A	1.0
8	☐	1000.000	1003.103	12982037.62	1.0950	A	1.3
9	☐			27193.64	0.0024	P	7.0

$$y = 0.0011 * x + 6.6400E-005$$

$$R = 1.0000$$

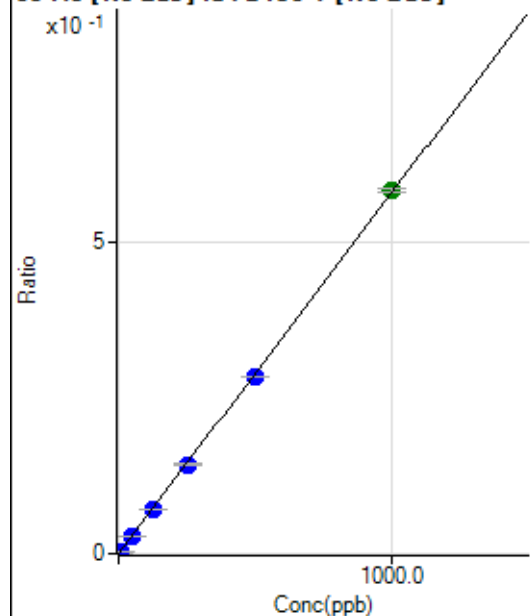
$$DL = 0.01993$$

$$BEC = 0.06083$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	397.25	0.0000	P	30.4
2	☐	0.500					
3	☐	5.000	4.998	33874.45	0.0029	P	0.7
4	☐	50.000	48.519	329429.61	0.0282	P	1.5
5	☐	125.000	122.509	833344.92	0.0711	P	0.4
6	☐	250.000	247.260	1680489.21	0.1435	P	0.8
7	☐	500.000	490.779	3377406.11	0.2848	P	0.7
8	☐	1000.000	1005.681	6917833.83	0.5835	A	0.9
9	☐			43899.37	0.0038	P	6.7

$$y = 5.8014E-004 * x + 3.4774E-005$$

$$R = 0.9999$$

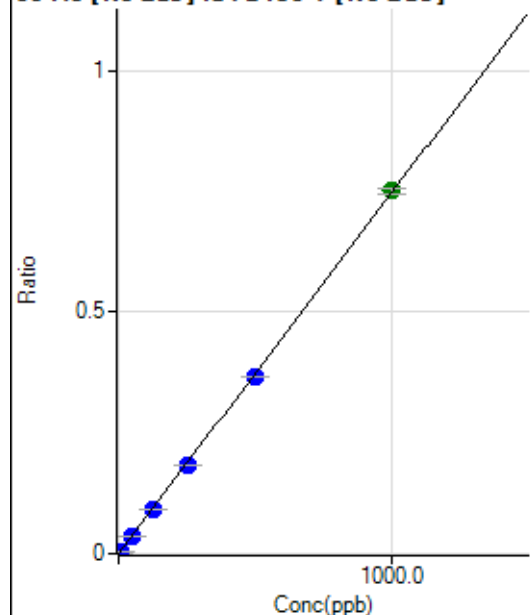
$$DL = 0.05472$$

$$BEC = 0.05994$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.15	0.0001	P	3.5
2	☐	0.500					
3	☐	5.000	4.292	37614.63	0.0033	P	1.7
4	☐	50.000	48.700	425707.15	0.0364	P	1.3
5	☐	125.000	122.625	1073716.45	0.0916	P	0.5
6	☐	250.000	246.996	2160806.50	0.1845	P	0.4
7	☐	500.000	490.071	4340995.80	0.3660	P	0.5
8	☐	1000.000	1006.081	8907333.19	0.7513	A	1.8
9	☐			52986.05	0.0046	P	6.6

$$y = 7.4671\text{E-}004 * x + 5.3468\text{E-}005$$

$$R = 0.9999$$

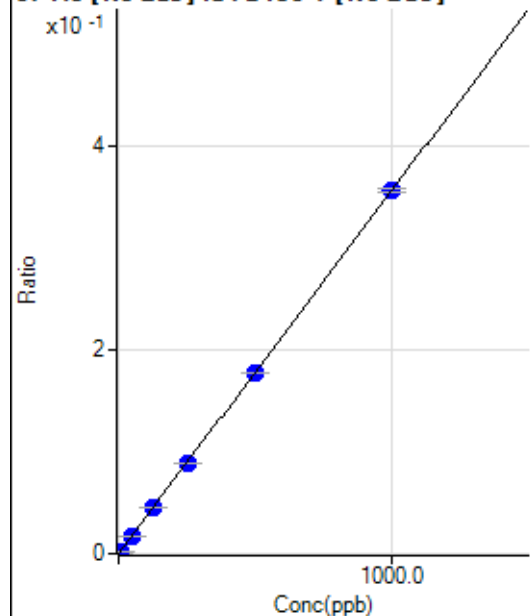
$$DL = 0.007588$$

$$BEC = 0.0716$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.91	0.0000	P	13.4
2	☐	0.500					
3	☐	5.000	5.002	20893.86	0.0018	P	1.5
4	☐	50.000	48.929	203699.93	0.0174	P	1.4
5	☐	125.000	125.310	522455.33	0.0446	P	0.6
6	☐	250.000	250.779	1044590.60	0.0892	P	0.4
7	☐	500.000	499.593	2106977.37	0.1776	P	0.2
8	☐	1000.000	1000.024	4215538.85	0.3555	P	1.1
9	☐			27399.50	0.0024	P	7.4

$$y = 3.5551\text{E-}004 * x + 3.1845\text{E-}005$$

$$R = 1.0000$$

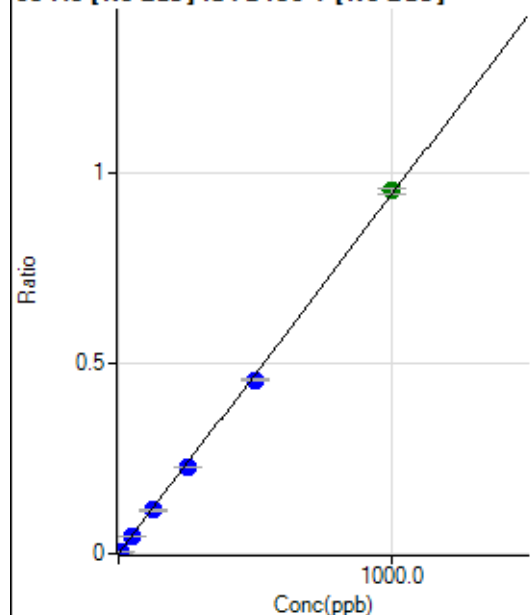
$$DL = 0.03606$$

$$BEC = 0.08958$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	655.60	0.0001	P	15.6
2	☐	0.500					
3	☐	5.000	4.891	53995.28	0.0047	P	1.8
4	☐	50.000	47.679	527132.36	0.0451	P	1.0
5	☐	125.000	120.911	1339161.67	0.1143	P	0.8
6	☐	250.000	242.468	2683282.85	0.2291	P	0.2
7	☐	500.000	483.876	5421836.19	0.4571	P	0.8
8	☐	1000.000	1010.573	11318508.85	0.9546	A	1.4
9	☐			69523.75	0.0060	P	8.3

$$y = 9.4460\text{E-}004 * x + 5.7412\text{E-}005$$

$$R = 0.9998$$

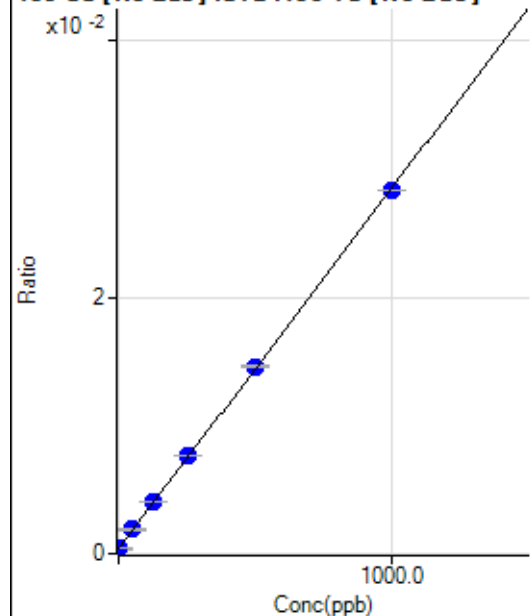
$$DL = 0.02836$$

$$BEC = 0.06078$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4795.45	0.0004	P	3.9
2	☐	0.100					
3	☐	1.000	0.975	5176.16	0.0004	P	2.5
4	☐	50.000	53.561	24246.73	0.0019	P	1.8
5	☐	125.000	132.277	53245.46	0.0041	P	1.0
6	☐	250.000	260.420	100636.12	0.0077	P	0.6
7	☐	500.000	505.581	194189.65	0.0146	P	0.6
8	☐	1000.000	993.517	377160.87	0.0283	P	0.1
9	☐			4684.30	0.0004	P	4.0

$$y = 2.8107\text{E-}005 * x + 3.8115\text{E-}004$$

$$R = 0.9999$$

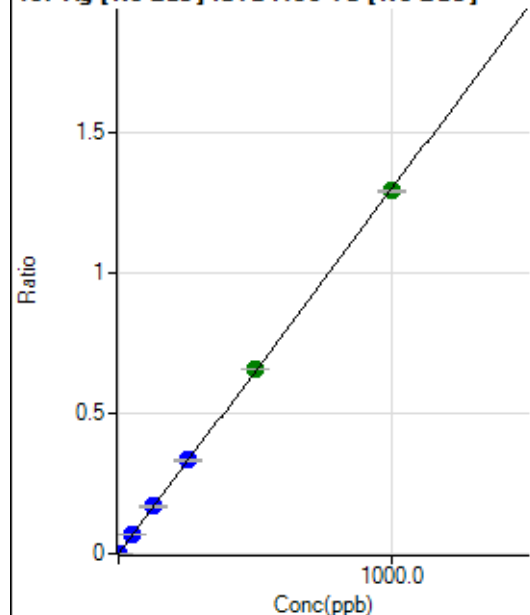
$$DL = 1.603$$

$$BEC = 13.56$$

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	141.67	0.0000	P	5.6
2	☐	0.100					
3	☐	1.000	1.294	21464.20	0.0017	P	1.5
4	☐	50.000	52.414	876356.75	0.0682	P	0.6
5	☐	125.000	129.335	2185518.52	0.1682	P	0.3
6	☐	250.000	255.867	4349642.24	0.3328	P	0.8
7	☐	500.000	505.220	8746221.29	0.6572	A	0.2
8	☐	1000.000	995.261	17249816.01	1.2946	A	0.7
9	☐			2539.23	0.0002	P	1.5

$$y = 0.0013 * x + 1.1259E-005$$

$$R = 1.0000$$

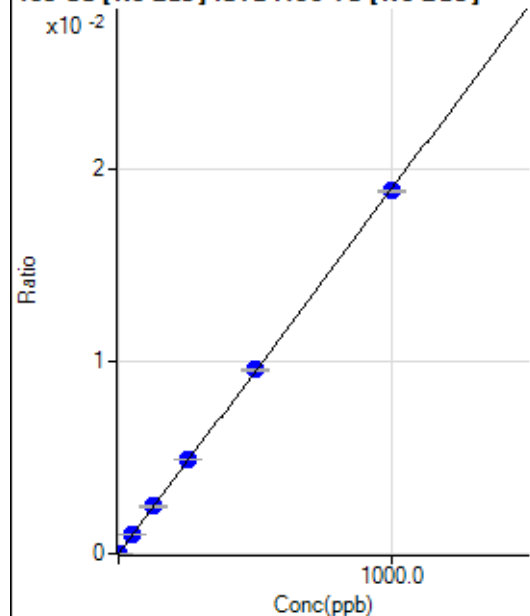
$$DL = 0.001465$$

$$BEC = 0.008656$$

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	16.67	0.0000	P	74.9
2	☐	0.100					
3	☐	1.000	1.222	309.73	0.0000	P	4.3
4	☐	50.000	52.612	12818.52	0.0010	P	1.9
5	☐	125.000	130.226	32043.48	0.0025	P	1.7
6	☐	250.000	256.938	63589.55	0.0049	P	0.3
7	☐	500.000	504.691	127175.59	0.0096	P	0.7
8	☐	1000.000	995.136	251046.19	0.0188	P	0.8
9	☐			75.00	0.0000	P	16.1

$$y = 1.8932E-005 * x + 1.3233E-006$$

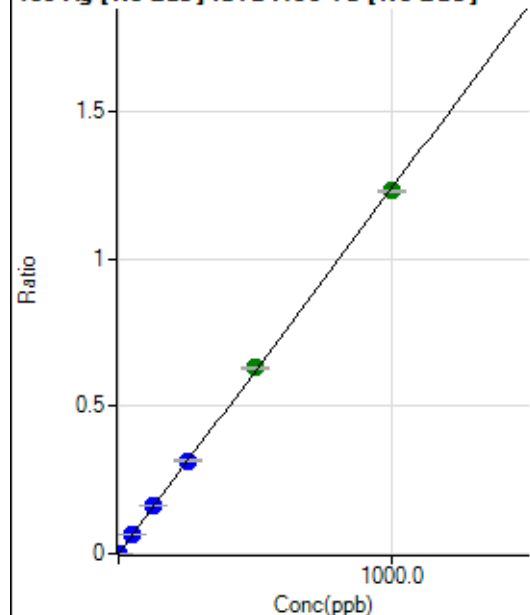
$$R = 1.0000$$

$$DL = 0.1571$$

$$BEC = 0.0699$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.23	0.0000	P	17.9
2	☐	0.100					
3	☐	1.000	1.310	20657.44	0.0016	P	0.4
4	☐	50.000	52.205	832296.98	0.0648	P	1.2
5	☐	125.000	129.603	2088422.44	0.1608	P	0.4
6	☐	250.000	254.980	4133527.74	0.3163	P	0.6
7	☐	500.000	509.032	8403343.07	0.6314	A	0.9
8	☐	1000.000	993.553	16421998.46	1.2325	A	0.2
9	☐			2178.04	0.0002	P	4.7

$$y = 0.0012 * x + 5.7426E-006$$

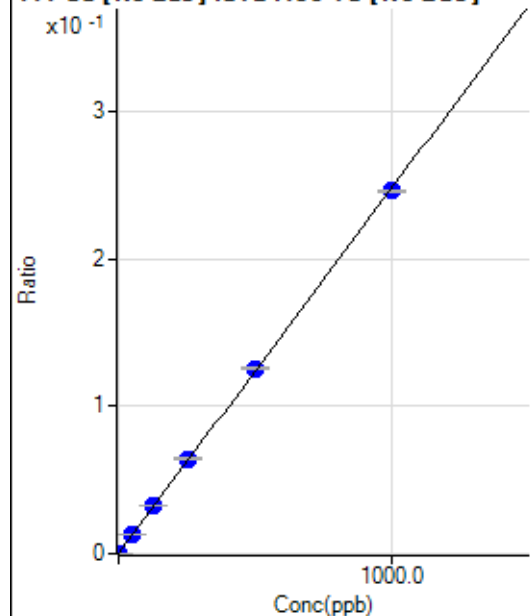
$$R = 0.9999$$

$$DL = 0.002487$$

$$BEC = 0.004629$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2410.50	0.0002	P	3.8
2	☐	0.100					
3	☐	1.000	1.066	5768.16	0.0005	P	1.6
4	☐	50.000	52.883	170637.64	0.0133	P	0.6
5	☐	125.000	131.726	425895.99	0.0328	P	0.5
6	☐	250.000	259.370	841244.63	0.0644	P	0.6
7	☐	500.000	506.680	1671119.54	0.1256	P	0.7
8	☐	1000.000	993.332	3277654.91	0.2460	P	0.3
9	☐			2974.67	0.0002	P	1.7

$$y = 2.4745E-004 * x + 1.9159E-004$$

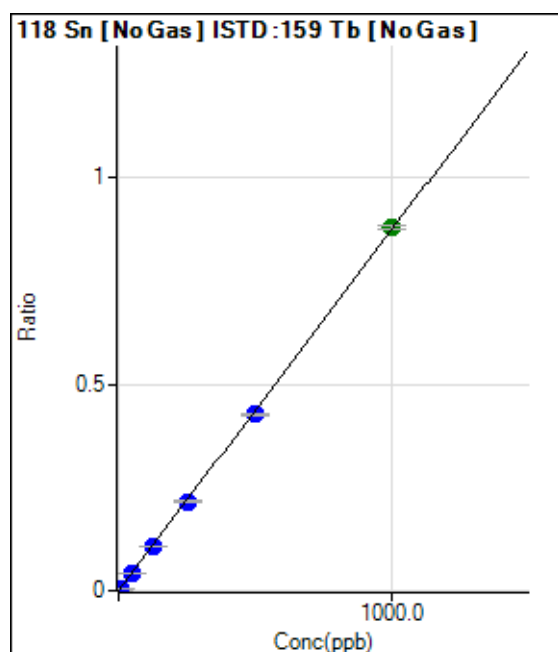
$$R = 0.9999$$

$$DL = 0.08875$$

$$BEC = 0.7743$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	988.97	0.0001	P	5.4
2	☐	0.500					
3	☐	5.000	5.165	58040.27	0.0046	P	1.4
4	☐	50.000	49.694	557831.31	0.0434	P	0.1
5	☐	125.000	124.259	1408298.43	0.1084	P	0.3
6	☐	250.000	246.994	2815172.48	0.2154	P	1.3
7	☐	500.000	488.438	5668477.43	0.4259	P	0.4
8	☐	1000.000	1006.639	11694838.80	0.8777	A	1.1
9	☐			12823.09	0.0010	P	13.4

$$y = 8.7187\text{E-}004 * x + 7.8602\text{E-}005$$

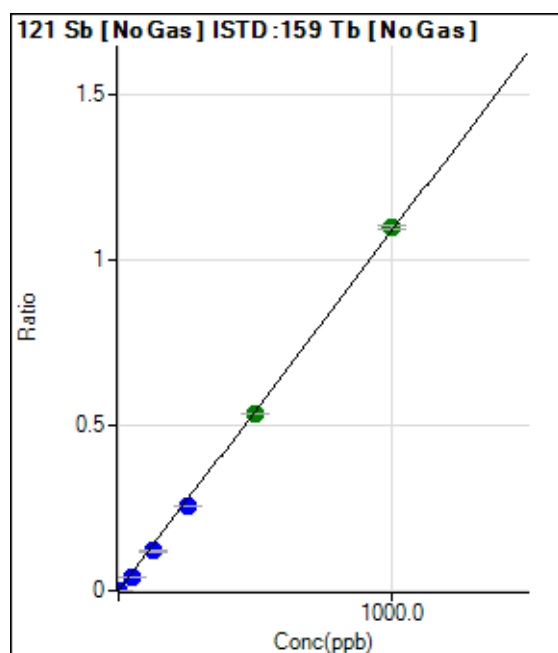
$$R = 0.9999$$

$$DL = 0.01449$$

$$BEC = 0.09015$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3000.46	0.0002	P	4.8
2	☐	0.200					
3	☐	2.000	1.932	29626.68	0.0023	P	0.9
4	☐	50.000	38.360	538865.28	0.0419	P	1.3
5	☐	125.000	109.940	1555242.81	0.1197	P	1.3
6	☐	250.000	234.639	3335757.74	0.2553	P	1.4
7	☐	500.000	493.224	7137348.94	0.5363	A	0.7
8	☐	1000.000	1009.693	14624734.01	1.0976	A	1.0
9	☐			74029.99	0.0060	P	8.2

$$y = 0.0011 * x + 2.3847\text{E-}004$$

$$R = 0.9998$$

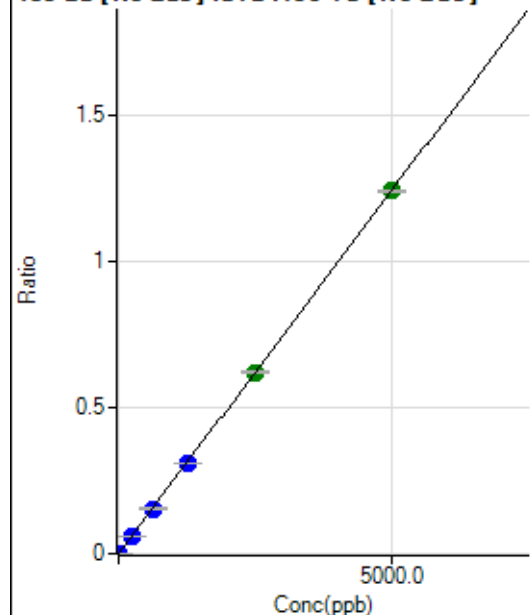
$$DL = 0.03155$$

$$BEC = 0.2194$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	43.7
2	☐	1.000					
3	☐	10.000	10.349	32644.85	0.0026	P	1.8
4	☐	250.000	248.356	793533.24	0.0617	P	1.3
5	☐	625.000	621.326	2006563.39	0.1545	P	0.5
6	☐	1250.000	1248.566	4056542.19	0.3104	P	0.7
7	☐	2500.000	2503.453	8283033.35	0.6224	A	0.8
8	☐	5000.000	4999.173	16560150.89	1.2429	A	0.3
9	☐			5559.70	0.0005	P	5.5

$$y = 2.4861\text{E-}004 * x + 4.4201\text{E-}006$$

$$R = 1.0000$$

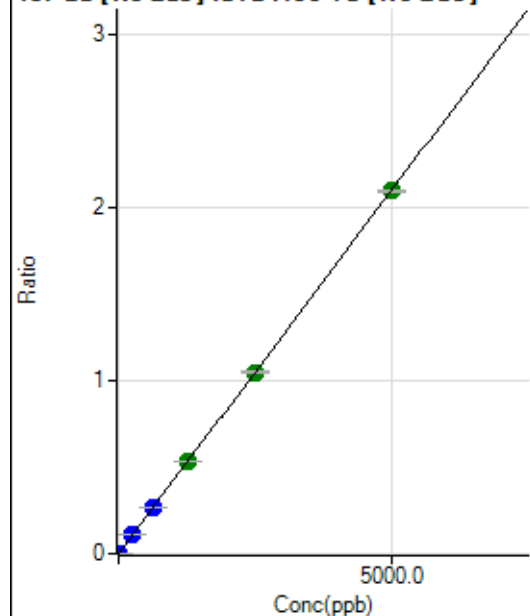
$$DL = 0.02329$$

$$BEC = 0.01778$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	26.0
2	☐	1.000					
3	☐	10.000	10.560	56226.02	0.0044	P	1.8
4	☐	250.000	254.739	1373670.94	0.1069	P	1.2
5	☐	625.000	635.134	3461749.08	0.2665	P	0.8
6	☐	1250.000	1270.596	6967253.63	0.5331	A	0.2
7	☐	2500.000	2499.718	13958326.70	1.0488	A	0.2
8	☐	5000.000	4993.487	27916473.89	2.0952	A	0.6
9	☐			9214.61	0.0008	P	3.9

$$y = 4.1958\text{E-}004 * x + 8.1684\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01517$$

$$BEC = 0.01947$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐						
3	☐			6.67		P	100.
4	☐			46.67		P	37.8
5	☐			97.78		P	14.2
6	☐			197.79		P	19.5
7	☐			482.25		P	12.4
8	☐			840.06		P	4.0
9	☐			175.56		P	15.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			5.55		P	124.
5	☐			11.11		P	75.5
6	☐			33.33		P	10.0
7	☐			52.22		P	7.4
8	☐			125.56		P	31.0
9	☐			84.44		P	17.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			25.00		P	57.7
4	☐			25.00		P	66.7
5	☐			41.67		P	52.9
6	☐			77.78		P	43.3
7	☐			116.67		P	39.8
8	☐			316.69		P	30.3
9	☐			258.35		P	6.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			2.22		P	86.6
4	☐			6.67		P	0.0
5	☐			8.89		P	78.1
6	☐			25.55		P	52.7
7	☐			28.89		P	33.3
8	☐			74.44		P	15.7
9	☐			94.45		P	20.7

160 Gd [No Gas] Noavailable calibration poin...

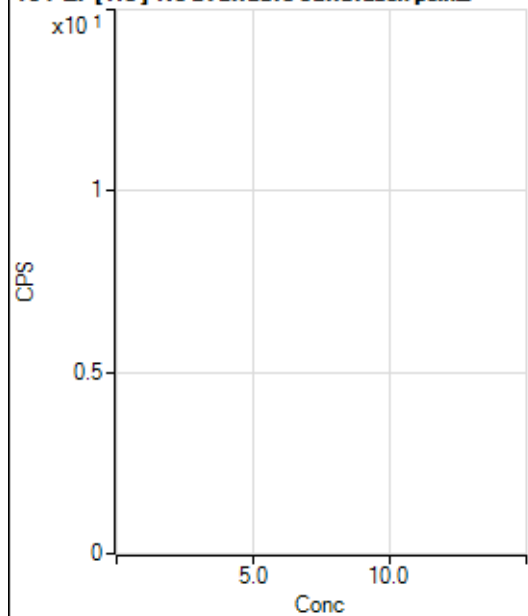
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	46.2
2	☐						
3	☐			80.56		P	39.2
4	☐			83.34		P	20.0
5	☐			80.56		P	23.9
6	☐			111.11		P	47.6
7	☐			138.90		P	13.9
8	☐			177.79		P	7.2
9	☐			247.23		P	24.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	27.7
2	☐						
3	☐			42.22		P	4.6
4	☐			35.56		P	14.3
5	☐			40.00		P	22.0
6	☐			53.33		P	33.1
7	☐			54.44		P	43.4
8	☐			53.33		P	25.0
9	☐			128.89		P	17.6

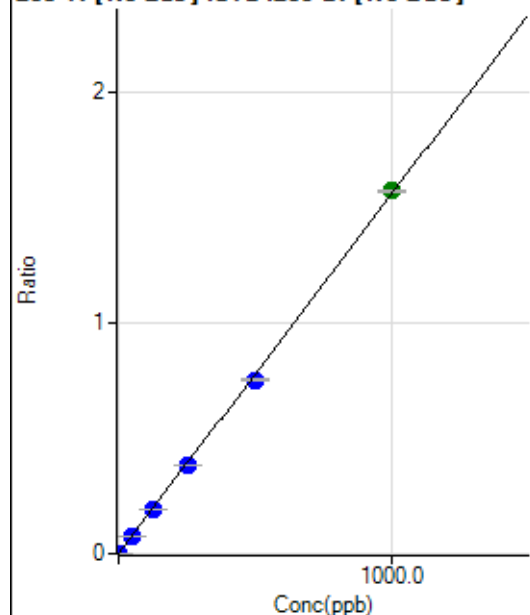
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	92.5
2	☐						
3	☐			75.00		P	40.1
4	☐			33.33		P	25.0
5	☐			36.11		P	35.3
6	☐			58.34		P	28.6
7	☐			55.56		P	45.8
8	☐			88.89		P	37.9
9	☐			88.89		P	44.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	32.7
2	☐						
3	☐			37.78		P	35.7
4	☐			24.45		P	64.4
5	☐			17.78		P	60.3
6	☐			27.78		P	42.1
7	☐			43.33		P	27.7
8	☐			37.78		P	5.1
9	☐			50.00		P	24.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	269.46	0.0000	P	2.9
2	☐	0.100					
3	☐	1.000	0.966	11411.05	0.0015	P	1.9
4	☐	50.000	47.835	558936.71	0.0747	P	0.7
5	☐	125.000	122.714	1422475.14	0.1915	P	1.2
6	☐	250.000	245.769	2888764.74	0.3835	P	1.7
7	☐	500.000	484.093	5778643.92	0.7553	P	1.2
8	☐	1000.000	1009.405	11668370.31	1.5749	A	0.9
9	☐			6271.21	0.0010	P	13.0

$$y = 0.0016 * x + 3.6614E-005$$

$$R = 0.9998$$

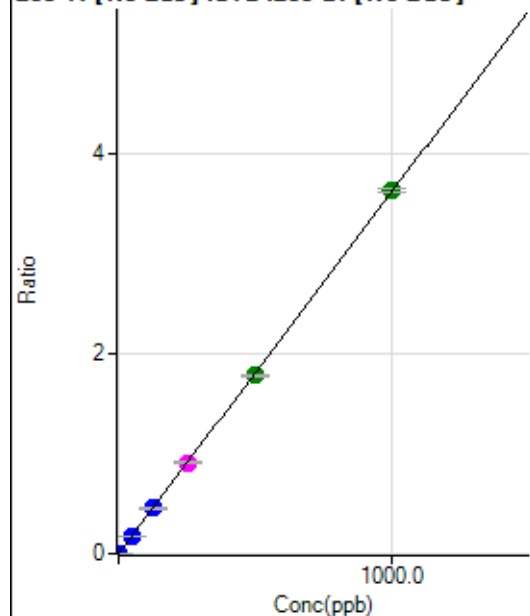
$$DL = 0.002056$$

$$BEC = 0.02347$$

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	594.49	0.0001	P	22.5
2	☐	0.100					
3	☐	1.000	1.027	28080.87	0.0038	P	3.1
4	☐	50.000	49.451	1340594.66	0.1791	P	0.7
5	☐	125.000	125.952	3387229.90	0.4560	P	2.0
6	☐	250.000	251.052	6846334.22	0.9088	M	1.8
7	☐	500.000	492.119	13629510.72	1.7814	A	1.3
8	☐	1000.000	1003.586	26916278.55	3.6328	A	1.0
9	☐			14397.27	0.0023	P	8.7

$$y = 0.0036 * x + 8.0767E-005$$

$$R = 1.0000$$

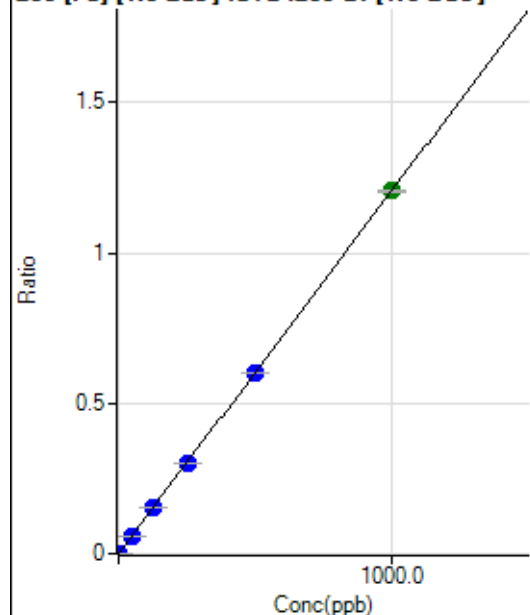
$$DL = 0.01503$$

$$BEC = 0.02231$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1329.74	0.0002	P	7.7
2	☐	0.100					
3	☐	1.000	1.050	10693.51	0.0014	P	1.4
4	☐	50.000	49.727	450190.96	0.0601	P	0.4
5	☐	125.000	126.422	1133673.36	0.1526	P	1.1
6	☐	250.000	250.925	2280702.95	0.3027	P	0.6
7	☐	500.000	498.069	4596268.68	0.6007	P	0.8
8	☐	1000.000	1000.570	8940145.86	1.2066	A	0.4
9	☐			12893.61	0.0020	P	2.1

$$y = 0.0012 * x + 1.8066E-004$$

$$R = 1.0000$$

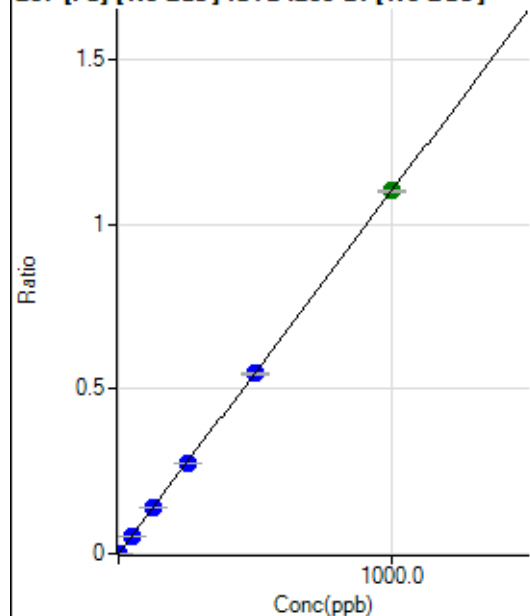
$$DL = 0.03457$$

$$BEC = 0.1498$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1292.70	0.0002	P	9.7
2	☐	0.100					
3	☐	1.000	0.994	9381.34	0.0013	P	2.0
4	☐	50.000	49.626	410094.19	0.0548	P	0.6
5	☐	125.000	125.506	1027176.52	0.1383	P	1.1
6	☐	250.000	249.616	2070571.10	0.2748	P	0.5
7	☐	500.000	497.887	4192915.11	0.5480	P	1.1
8	☐	1000.000	1001.108	8163214.25	1.1018	A	0.2
9	☐			10925.17	0.0017	P	4.3

$$y = 0.0011 * x + 1.7560E-004$$

$$R = 1.0000$$

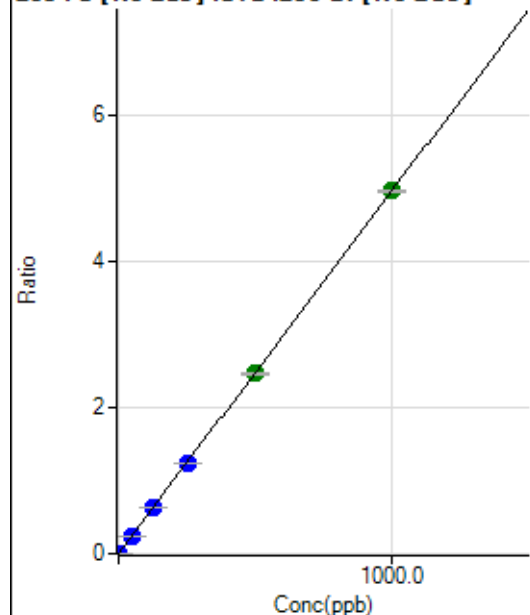
$$DL = 0.04635$$

$$BEC = 0.1596$$

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	5821.07	0.0008	P	4.8
2	☐	0.100					
3	☐	1.000	1.010	42809.64	0.0058	P	1.8
4	☐	50.000	49.542	1841246.11	0.2460	P	0.4
5	☐	125.000	125.209	4608804.74	0.6204	P	0.9
6	☐	250.000	249.270	9299117.44	1.2344	P	0.8
7	☐	500.000	497.438	18840205.78	2.4625	A	1.1
8	☐	1000.000	1001.460	36725710.54	4.9568	A	0.5
9	☐			51104.75	0.0081	P	0.7

$$y = 0.0049 * x + 7.9089E-004$$

$$R = 1.0000$$

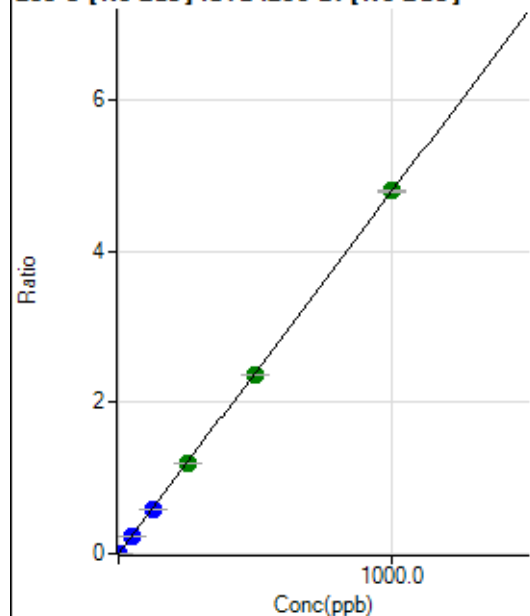
$$DL = 0.02294$$

$$BEC = 0.1598$$

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	480.59	0.0001	P	25.7
2	☐	0.100					
3	☐	1.000	0.995	35694.22	0.0048	P	2.3
4	☐	50.000	48.299	1730499.39	0.2312	P	0.7
5	☐	125.000	122.501	4354712.99	0.5862	P	0.7
6	☐	250.000	249.198	8983438.31	1.1925	A	0.9
7	☐	500.000	495.028	18124214.29	2.3687	A	0.4
8	☐	1000.000	1003.084	35562308.43	4.7997	A	0.6
9	☐			4142.55	0.0007	P	8.2

$$y = 0.0048 * x + 6.5314E-005$$

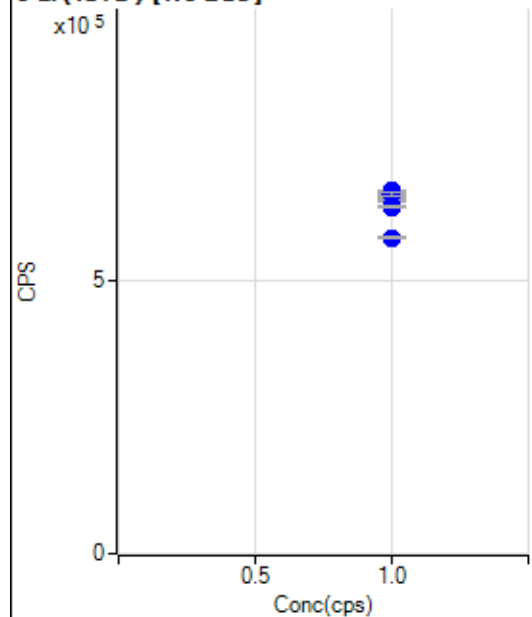
$$R = 1.0000$$

$$DL = 0.01051$$

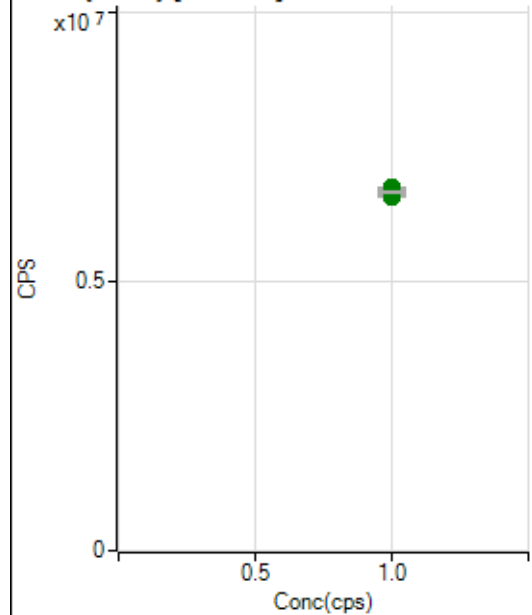
$$BEC = 0.01365$$

Weight: <None>

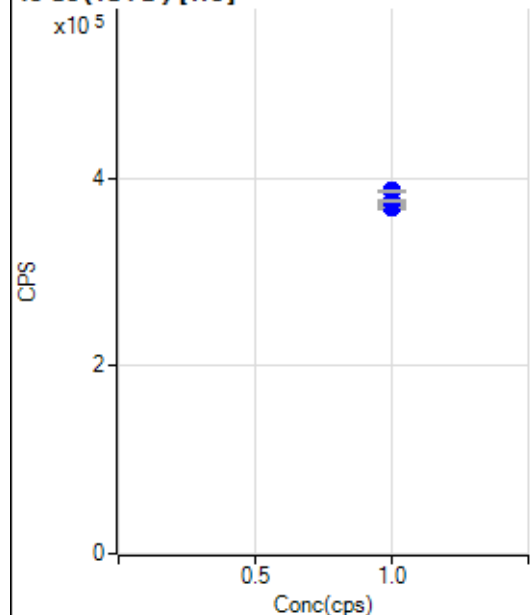
Min Conc: 0

6 Li (ISTD) [No Gas]

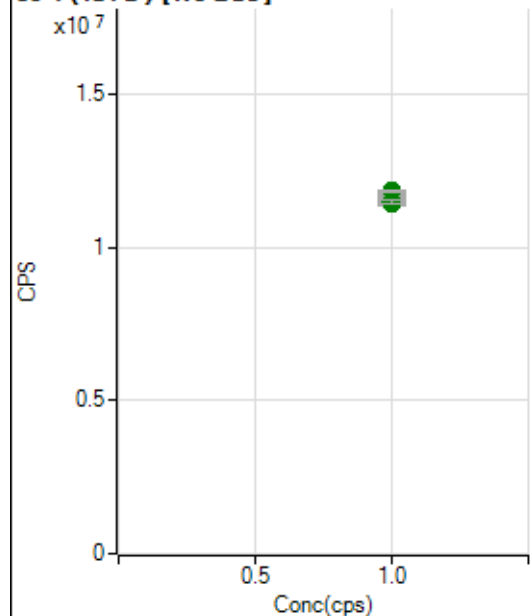
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		647074.83		P	0.3
2	☐	1.000					
3	☐	1.000		650231.61		P	0.1
4	☐	1.000		662140.04		P	0.7
5	☐	1.000		660754.75		P	0.1
6	☐	1.000		665140.51		P	0.1
7	☐	1.000		659192.79		P	0.8
8	☐	1.000		635809.18		P	0.6
9	☐	1.000		579129.45		P	0.7

45 Sc (ISTD) [No Gas]

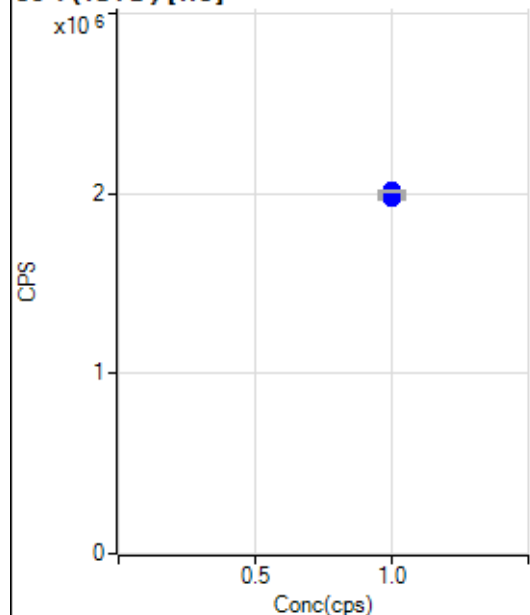
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6572027.14		A	0.7
2	☐	1.000					
3	☐	1.000		6608488.82		A	0.4
4	☐	1.000		6663874.50		A	0.2
5	☐	1.000		6687551.97		A	0.8
6	☐	1.000		6653383.44		A	0.4
7	☐	1.000		6715000.15		A	1.0
8	☐	1.000		6735010.57		A	0.4
9	☐	1.000		6661786.52		A	0.6

45 Sc (ISTD) [He]

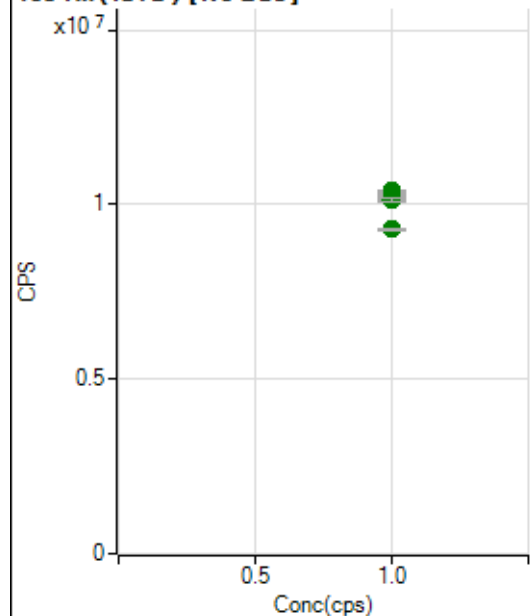
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		370096.17		P	0.3
2	☐	1.000					
3	☐	1.000		371256.23		P	0.5
4	☐	1.000		373316.13		P	0.4
5	☐	1.000		372760.97		P	0.7
6	☐	1.000		368519.57		P	0.9
7	☐	1.000		369361.29		P	0.3
8	☐	1.000		375333.99		P	0.5
9	☐	1.000		386721.84		P	0.4

89 Y (ISTD) [No Gas]

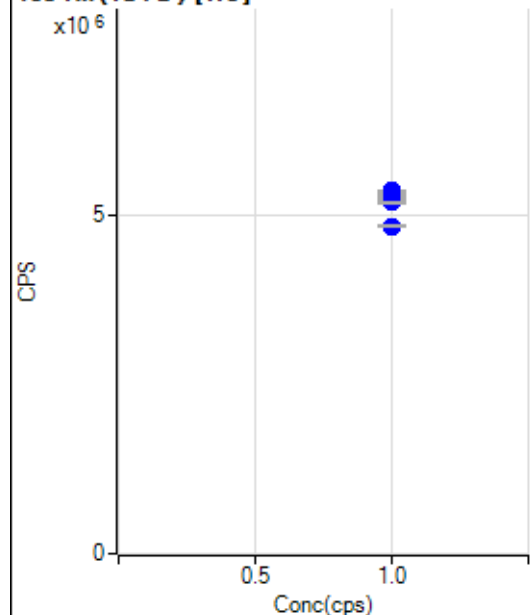
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11428225.39		A	1.0
2	☐	1.000					
3	☐	1.000		11544066.35		A	0.5
4	☐	1.000		11689781.63		A	0.6
5	☐	1.000		11719623.85		A	0.6
6	☐	1.000		11712610.94		A	0.3
7	☐	1.000		11860965.38		A	0.5
8	☐	1.000		11857034.41		A	0.9
9	☐	1.000		11510073.16		A	0.7

89 Y(ISTD) [He]

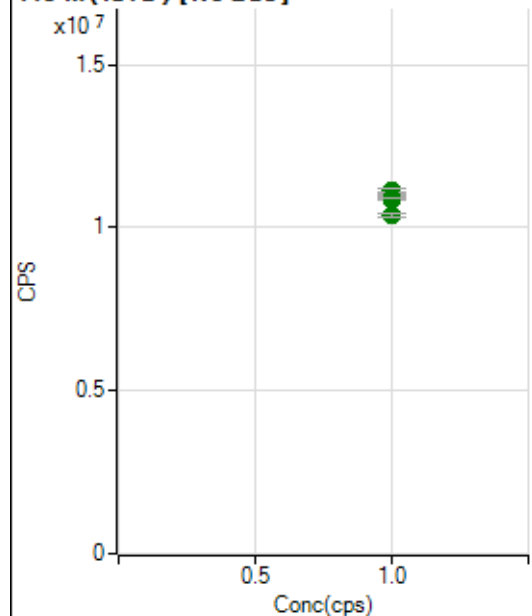
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1977170.11		P	0.4
2	☐	1.000					
3	☐	1.000		1984563.39		P	0.7
4	☐	1.000		1996501.55		P	0.3
5	☐	1.000		1986002.31		P	0.6
6	☐	1.000		1973194.19		P	0.2
7	☐	1.000		1979794.94		P	0.4
8	☐	1.000		2002099.31		P	0.5
9	☐	1.000		2017495.09		P	0.4

103 Rh(ISTD) [No Gas]

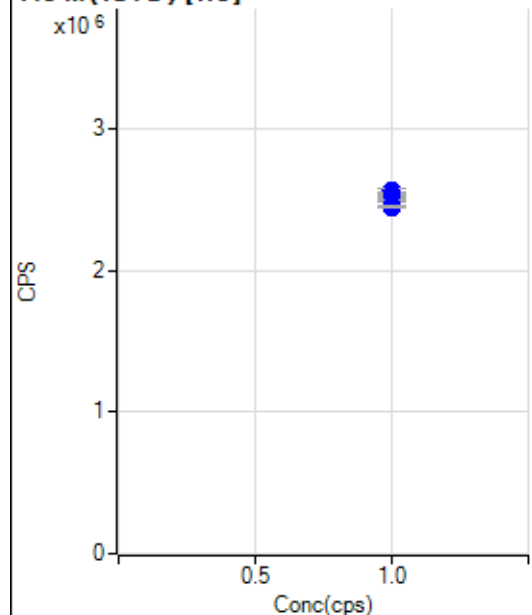
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10201209.17		A	0.8
2	☐	1.000					
3	☐	1.000		10288672.36		A	0.2
4	☐	1.000		10393621.67		A	0.4
5	☐	1.000		10348284.43		A	0.4
6	☐	1.000		10226856.04		A	1.3
7	☐	1.000		10198612.12		A	0.5
8	☐	1.000		10143601.36		A	1.1
9	☐	1.000		9295190.14		A	0.5

103 Rh (ISTD) [He]

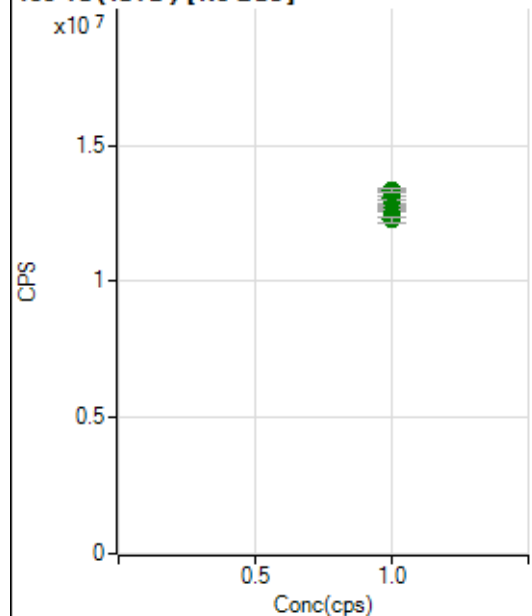
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5306521.62		P	0.3
2	☐	1.000					
3	☐	1.000		5348448.81		P	0.6
4	☐	1.000		5349158.74		P	0.2
5	☐	1.000		5304865.96		P	0.1
6	☐	1.000		5258617.53		P	0.5
7	☐	1.000		5232321.03		P	0.8
8	☐	1.000		5176433.81		P	0.4
9	☐	1.000		4827469.68		P	0.6

115 In (ISTD) [No Gas]

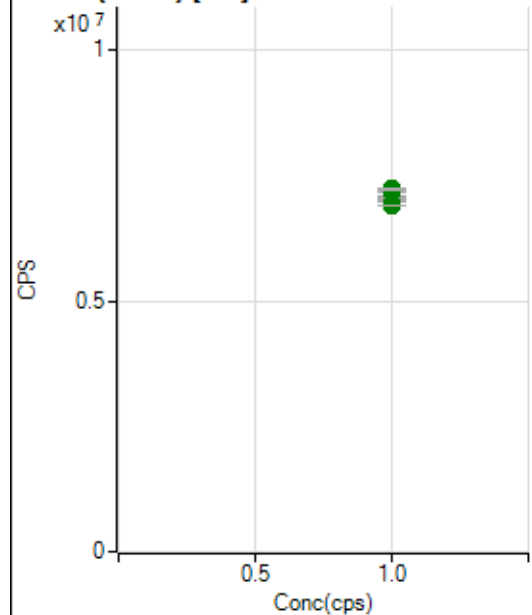
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10872185.52		A	0.3
2	☐	1.000					
3	☐	1.000		11027760.91		A	0.8
4	☐	1.000		11019655.37		A	0.9
5	☐	1.000		11121306.02		A	1.0
6	☐	1.000		11026009.25		A	0.5
7	☐	1.000		11114175.35		A	1.0
8	☐	1.000		10909548.09		A	0.2
9	☐	1.000		10362944.69		A	1.0

115 In (ISTD) [He]

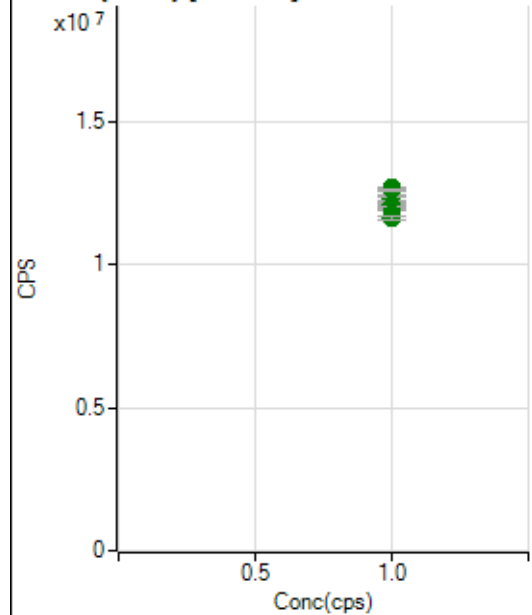
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2534803.83		P	0.8
2	☐	1.000					
3	☐	1.000		2546812.82		P	0.5
4	☐	1.000		2565434.09		P	1.0
5	☐	1.000		2540347.00		P	0.3
6	☐	1.000		2517285.73		P	0.3
7	☐	1.000		2498605.17		P	0.5
8	☐	1.000		2463649.60		P	0.3
9	☐	1.000		2452789.70		P	0.4

159 Tb (ISTD) [No Gas]

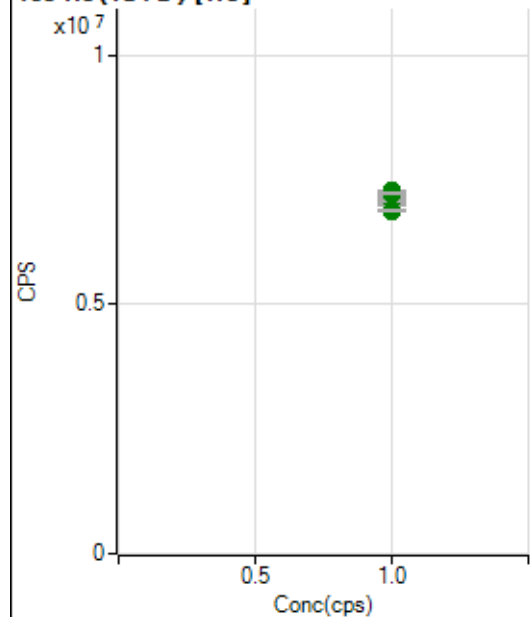
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12581755.09		A	0.3
2	☐	1.000					
3	☐	1.000		12667306.06		A	0.8
4	☐	1.000		12851591.06		A	0.6
5	☐	1.000		12989730.50		A	0.2
6	☐	1.000		13068793.69		A	0.8
7	☐	1.000		13308357.58		A	0.3
8	☐	1.000		13324535.91		A	0.9
9	☐	1.000		12254562.73		A	1.9

159 Tb (ISTD) [He]

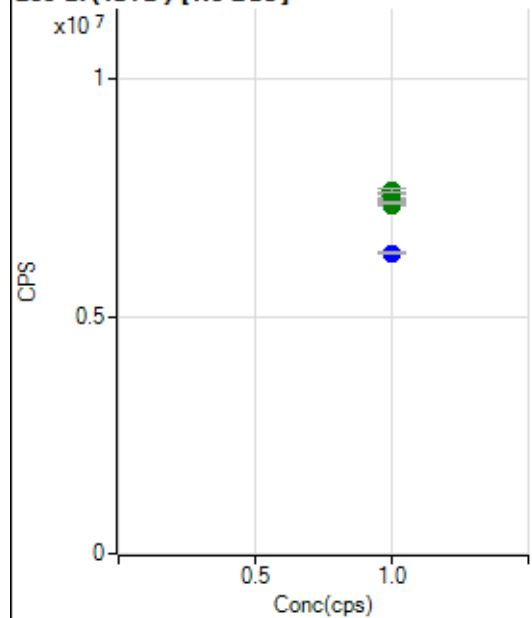
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7025770.80		A	0.8
2	☐	1.000					
3	☐	1.000		7032200.80		A	0.9
4	☐	1.000		7092364.68		A	0.6
5	☐	1.000		7236372.88		A	0.4
6	☐	1.000		7211940.10		A	0.4
7	☐	1.000		7179780.38		A	0.3
8	☐	1.000		7226895.73		A	0.3
9	☐	1.000		6905293.51		A	0.5

165 Ho (ISTD) [No Gas]

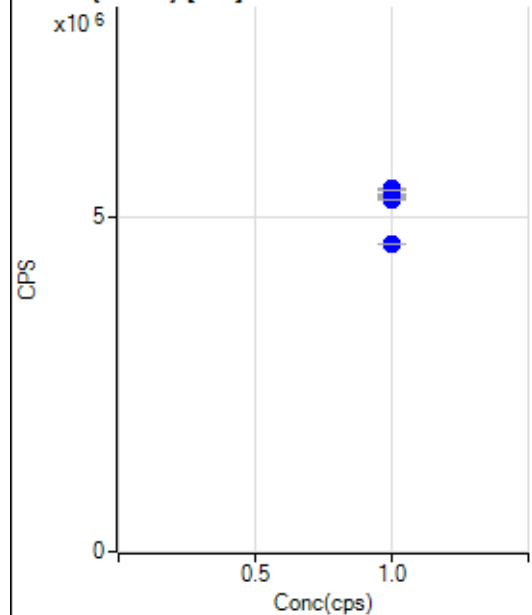
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		11870168.75		A	0.1
2	☐	1.000					
3	☐	1.000		12046166.67		A	1.0
4	☐	1.000		12121196.10		A	1.0
5	☐	1.000		12284051.92		A	1.0
6	☐	1.000		12411775.62		A	0.7
7	☐	1.000		12678634.48		A	0.6
8	☐	1.000		12628775.98		A	0.5
9	☐	1.000		11598667.19		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6984279.34		A	0.5
2	☐	1.000					
3	☐	1.000		7007413.72		A	0.7
4	☐	1.000		7099096.84		A	1.1
5	☐	1.000		7083077.53		A	0.4
6	☐	1.000		7199765.72		A	0.7
7	☐	1.000		7272955.80		A	0.2
8	☐	1.000		7224973.85		A	0.3
9	☐	1.000		6873988.23		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7358526.97		A	0.7
2	☐	1.000					
3	☐	1.000		7392595.51		A	0.4
4	☐	1.000		7485907.74		A	0.4
5	☐	1.000		7428739.06		A	0.8
6	☐	1.000		7533834.61		A	0.9
7	☐	1.000		7651384.54		A	1.0
8	☐	1.000		7409246.42		A	0.3
9	☐	1.000		6332315.81		P	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5310250.41		P	1.0
2	☐	1.000					
3	☐	1.000		5331738.08		P	0.6
4	☐	1.000		5400503.08		P	0.7
5	☐	1.000		5407070.06		P	0.2
6	☐	1.000		5410319.02		P	0.5
7	☐	1.000		5390713.36		P	0.4
8	☐	1.000		5250766.21		P	0.4
9	☐	1.000		4589080.56		P	0.2

US EPA Tune Check Sample Report

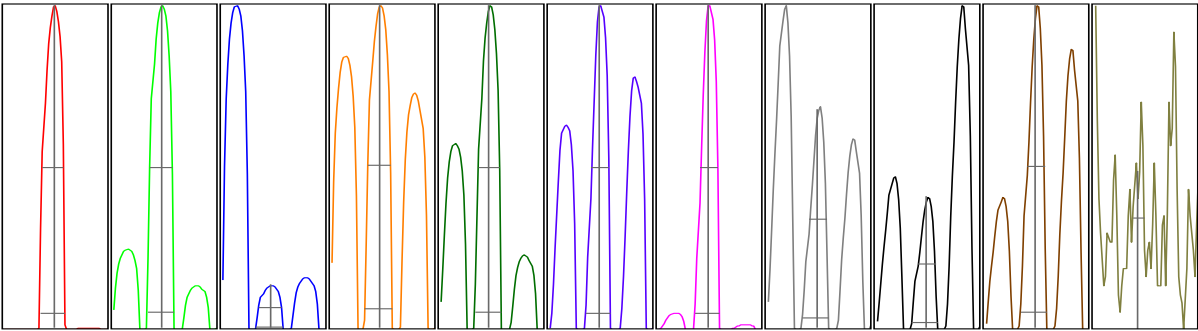
Batch Folder D:\ICP-MS Data\P7031617-MS .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	44681	0.40	5.00	
24	2196088	0.60	5.00	
25	301895	0.66	5.00	
26	355341	0.55	5.00	
59	783923	0.28	5.00	
113	127527	0.48	5.00	
115	1974041	0.56	5.00	
206	224705	0.78	5.00	
207	196441	0.96	5.00	
208	479096	0.64	5.00	
220	12	23.46		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	44669	44640	44459	44678	44959
24	2185430	2186771	2187892	2205674	2214670
25	299031	300815	302379	303124	304126
26	352905	353923	355676	356338	357865
59	781259	783655	783807	783464	787432
113	127444	127868	128174	126563	127588
115	1979841	1990503	1964730	1965159	1969973
206	222689	225690	223638	224332	227179
207	195366	195497	195931	195607	199805
208	476729	479790	475644	479839	483479
220	16	12	11	15	9

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	7671	9.00	8.9 - 9.1		0.739	0.900	
24	360198	23.95	23.9 - 24.1		0.784	0.900	
25	48991	24.95	24.9 - 25.1		0.786	0.900	
26	57927	25.95	25.9 - 26.1		0.786	0.900	
59	135590	58.95	58.9 - 59.1		0.777	0.900	
113	25217	113.00	112.9 - 113.1		0.714	0.900	
115	392462	115.00	114.9 - 115.1		0.714	0.900	
206	46202	206.00	205.9 - 206.1		0.756	0.900	
207	40177	207.00	206.9 - 207.1		0.738	0.900	
208	98792	208.00	207.9 - 208.1		0.757	0.900	
220	1	219.80	-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	10.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	°C						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.8	V			
Extract 2	-200.0	V	Cell Entrance	-30	V			
Omega Bias	-90	V	Cell Exit	-50	V			
Deflect	13.2	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	200	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	240527	0.57	
89	190575	0.17	
205	241665	0.27	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	238362	240604	241509	241845	240318
89	190800	190404	190164	190537	190970
205	240848	241221	241913	242549	241797

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	10.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	°C						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V			
Extract 2	-200.0	V	Cell Entrance	-40	V			
Omega Bias	-90	V	Cell Exit	-60	V			
Deflect	2.8	V						

Cell Parameters

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

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P7
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 15:29:05 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	0.13	0.06	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.02	-0.05	0.03	0.00	N/A	ppb
Boron	11-1	-0.08	0.13	-0.04	0.00	N/A	ppb
Cadmium	106-1	-0.61	0.26	0.36	0.00	N/A	ppb
Cadmium	108-1	0.05	-0.05	0.00	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.01	0.02	0.00	N/A	ppb
Calcium	43-1	2.55	-0.34	-2.21	0.00	N/A	ppb
Calcium	44-1	0.16	-1.14	0.98	0.00	N/A	ppb
Chromium	52-2	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.12	-0.07	-0.05	0.00	N/A	ppb
Iron	57-2	-0.07	0.04	0.03	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.02	0.02	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.12	-0.07	-0.05	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:29:05	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-6.90	-7.85	-29.94	-14.90		ppb
Potassium	39-2	1.05	-2.00	0.95	0.00	N/A	ppb
Rhodium	103-2				100		%
Rhodium	103-1				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.19	-0.09	-0.09	0.00	N/A	ppb
Selenium	78-2	-0.01	0.37	-0.36	0.00	N/A	ppb
Selenium	82-1	0.17	-0.05	-0.13	0.00	N/A	ppb
Silicon	28-1	1.40	-0.31	-1.09	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.05	0.26	-0.21	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	101.03	-29.65	-99.00	-9.21		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.03	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	0.00	0.00	0.00	N/A	ppb
Yttrium	89-2				100		%
Yttrium	89-1				100		%
Zinc	66-2	-0.01	0.00	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:29:05	DataFile Name :	002CALB.d

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

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 15:37:25 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.88	22.30	21.84	23.34	9.48	ppb
Antimony	121-1	1.95	1.93	1.91	1.93	1.02	ppb
Arsenic	75-2	1.07	1.04	0.97	1.02	4.96	ppb
Barium	135-1	10.23	10.26	10.56	10.35	1.77	ppb
Barium	137-1	10.64	10.34	10.70	10.56	1.81	ppb
Beryllium	9-1	0.92	1.07	1.16	1.05	11.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	4.17	4.59	4.92	4.56	8.15	ppb
Boron	11-1	5.29	5.13	5.24	5.22	1.59	ppb
Cadmium	106-1	1.00	1.32	0.60	0.98	36.69	ppb
Cadmium	108-1	1.29	1.19	1.19	1.22	4.53	ppb
Cadmium	111-1	1.03	1.08	1.08	1.07	2.71	ppb
Calcium	43-1	484.54	516.83	479.10	493.49	4.13	ppb
Calcium	44-1	505.28	508.21	502.89	505.46	0.53	ppb
Chromium	52-2	2.17	2.27	2.29	2.24	2.87	ppb
Cobalt	59-2	1.06	1.08	1.07	1.07	0.79	ppb
Copper	63-2	2.28	2.28	2.21	2.26	1.89	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	50.26	50.14	50.63	50.34	0.51	ppb
Iron	57-2	51.31	51.98	56.07	53.12	4.85	ppb
Lead	206-1	1.07	1.04	1.04	1.05	1.65	ppb
Lead	207-1	1.01	0.97	1.00	0.99	2.26	ppb
Lead	208-1	1.03	0.99	1.01	1.01	2.03	ppb
Lithium	6-1				100		%
Magnesium	24-2	530.95	540.58	534.04	535.19	0.92	ppb
Manganese	55-2	1.13	1.14	0.99	1.09	7.39	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:37:25	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.07	2.08	2.09	2.08	0.33	ppb
Molybdenum	95-1	4.98	5.04	4.98	5.00	0.70	ppb
Molybdenum	96-1	4.25	4.38	4.25	4.29	1.71	ppb
Molybdenum	97-1	4.92	5.03	5.06	5.00	1.48	ppb
Molybdenum	98-1	4.95	4.93	4.79	4.89	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.13	1.13	1.10	4.52	ppb
Phosphorus	31-2	23.78	16.42	4.49	14.90	65.33	ppb
Potassium	39-2	508.12	519.53	502.19	509.94	1.73	ppb
Rhodium	103-2				101		%
Rhodium	103-1				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	7.04	3.85	3.58	4.82	39.91	ppb
Selenium	78-2	4.20	4.73	4.77	4.56	7.01	ppb
Selenium	82-1	4.88	5.09	3.00	4.32	26.70	ppb
Silicon	28-1	5.44	6.18	8.54	6.72	24.11	ppb
Silver	109-1	1.31	1.32	1.31	1.31	0.39	ppb
Silver	107-1	1.29	1.28	1.32	1.29	1.52	ppb
Sodium	23-2	537.91	539.93	534.19	537.34	0.54	ppb
Strontium	86-1	0.96	0.95	1.04	0.98	4.73	ppb
Strontium	88-1	1.09	1.08	1.08	1.08	0.44	ppb
Sulfur	34-1	-185.04	64.39	148.27	9.21	1883.20	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.99	0.96	0.95	0.97	1.95	ppb
Thallium	205-1	0.99	1.03	1.06	1.03	3.13	ppb
Tin	118-1	5.08	5.20	5.21	5.17	1.43	ppb
Titanium	47-1	4.94	5.30	5.00	5.08	3.74	ppb
Uranium	238-1	1.02	0.98	0.99	1.00	2.30	ppb
Vanadium	51-2	5.19	5.16	5.18	5.18	0.35	ppb
Yttrium	89-2				100		%
Yttrium	89-1				101		%
Zinc	66-2	2.31	2.29	2.20	2.27	2.60	ppb
Zirconium	90-1	0.85	0.86	0.83	0.85	2.13	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:37:25	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.83	0.81	0.81	0.82	0.99	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:41:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1008.30	993.44	1016.57	1006.11	1.16	ppb
Antimony	121-1	38.94	38.16	37.98	38.36	1.34	ppb
Arsenic	75-2	50.58	50.32	50.18	50.36	0.40	ppb
Barium	135-1	248.67	244.97	251.44	248.36	1.31	ppb
Barium	137-1	255.68	251.26	257.28	254.74	1.22	ppb
Beryllium	9-1	50.45	51.01	51.04	50.83	0.65	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	48.73	48.23	51.14	49.37	3.16	ppb
Boron	11-1	49.61	49.96	49.67	49.75	0.38	ppb
Cadmium	106-1	52.20	54.28	54.21	53.56	2.21	ppb
Cadmium	108-1	51.44	53.30	53.10	52.61	1.94	ppb
Cadmium	111-1	52.54	52.97	53.14	52.88	0.58	ppb
Calcium	43-1	4809.21	4884.82	4962.37	4885.47	1.57	ppb
Calcium	44-1	4966.25	4984.94	4988.92	4980.04	0.24	ppb
Chromium	52-2	51.23	50.94	51.86	51.34	0.91	ppb
Cobalt	59-2	51.61	51.88	52.21	51.90	0.58	ppb
Copper	63-2	103.21	104.19	105.41	104.27	1.06	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				102		%
Holmium	165-1				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2473.67	2460.14	2498.77	2477.52	0.79	ppb
Iron	57-2	2467.10	2434.83	2480.63	2460.86	0.96	ppb
Lead	206-1	49.82	49.50	49.86	49.73	0.39	ppb
Lead	207-1	49.93	49.57	49.38	49.63	0.56	ppb
Lead	208-1	49.58	49.32	49.73	49.54	0.42	ppb
Lithium	6-1				102		%
Magnesium	24-2	5214.66	5165.59	5237.57	5205.94	0.71	ppb
Manganese	55-2	101.07	100.78	102.83	101.56	1.09	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:41:14	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.68	48.95	47.78	48.47	1.26	ppb
Molybdenum	95-1	49.10	48.78	47.68	48.52	1.54	ppb
Molybdenum	96-1	49.31	48.75	48.04	48.70	1.31	ppb
Molybdenum	97-1	49.17	49.44	48.18	48.93	1.35	ppb
Molybdenum	98-1	47.96	47.95	47.13	47.68	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.63	52.91	53.21	52.92	0.54	ppb
Phosphorus	31-2	1008.03	990.81	1029.09	1009.31	1.90	ppb
Potassium	39-2	2495.49	2468.37	2512.48	2492.11	0.89	ppb
Rhodium	103-2				101		%
Rhodium	103-1				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	51.61	48.49	50.86	50.32	3.24	ppb
Selenium	78-2	48.84	53.38	50.94	51.05	4.44	ppb
Selenium	82-1	49.28	50.30	50.53	50.04	1.33	ppb
Silicon	28-1	66.93	69.16	68.77	68.28	1.74	ppb
Silver	109-1	52.17	51.61	52.83	52.21	1.17	ppb
Silver	107-1	52.41	52.10	52.73	52.41	0.59	ppb
Sodium	23-2	5232.30	5185.21	5273.14	5230.22	0.84	ppb
Strontium	86-1	50.67	51.01	50.04	50.57	0.97	ppb
Strontium	88-1	50.19	50.56	50.09	50.28	0.49	ppb
Sulfur	34-1	875.76	822.24	666.50	788.17	13.79	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	47.77	47.52	48.21	47.83	0.73	ppb
Thallium	205-1	49.29	49.21	49.86	49.45	0.72	ppb
Tin	118-1	49.74	49.70	49.64	49.69	0.11	ppb
Titanium	47-1	51.44	50.70	50.01	50.72	1.41	ppb
Uranium	238-1	48.12	48.10	48.68	48.30	0.68	ppb
Vanadium	51-2	50.54	50.52	51.29	50.78	0.86	ppb
Yttrium	89-2				101		%
Yttrium	89-1				102		%
Zinc	66-2	104.30	104.14	104.44	104.30	0.14	ppb
Zirconium	90-1	49.19	49.55	49.50	49.41	0.39	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:41:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.70	49.53	49.61	49.28	1.02	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:45:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2444.33	2506.89	2482.84	2478.02	1.27	ppb
Antimony	121-1	111.46	109.73	108.63	109.94	1.30	ppb
Arsenic	75-2	126.57	125.33	126.06	125.99	0.49	ppb
Barium	135-1	618.11	622.26	623.60	621.33	0.46	ppb
Barium	137-1	629.24	637.83	638.33	635.13	0.80	ppb
Beryllium	9-1	128.33	127.37	129.01	128.24	0.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	121.54	122.83	125.21	123.19	1.51	ppb
Boron	11-1	123.37	124.33	126.02	124.57	1.08	ppb
Cadmium	106-1	133.89	131.51	131.43	132.28	1.05	ppb
Cadmium	108-1	129.63	128.31	132.74	130.23	1.75	ppb
Cadmium	111-1	131.43	131.26	132.49	131.73	0.50	ppb
Calcium	43-1	12234.89	12008.03	12066.66	12103.19	0.97	ppb
Calcium	44-1	12445.27	12346.51	12219.00	12336.92	0.92	ppb
Chromium	52-2	126.39	128.39	128.04	127.60	0.84	ppb
Cobalt	59-2	127.28	127.81	129.59	128.23	0.94	ppb
Copper	63-2	256.59	258.58	259.38	258.18	0.56	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				101		%
Holmium	165-1				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	6138.10	6184.60	6184.07	6168.93	0.43	ppb
Iron	57-2	6066.02	6097.49	6120.06	6094.52	0.45	ppb
Lead	206-1	124.86	127.51	126.90	126.42	1.10	ppb
Lead	207-1	123.95	126.20	126.37	125.51	1.08	ppb
Lead	208-1	124.04	125.44	126.14	125.21	0.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	12840.02	13031.56	12982.19	12951.26	0.77	ppb
Manganese	55-2	251.82	253.90	253.64	253.12	0.45	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:45:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	122.04	123.08	122.52	122.55	0.42	ppb
Molybdenum	95-1	122.79	122.78	121.96	122.51	0.39	ppb
Molybdenum	96-1	122.75	123.18	121.95	122.62	0.51	ppb
Molybdenum	97-1	125.43	126.06	124.44	125.31	0.65	ppb
Molybdenum	98-1	120.85	121.95	119.94	120.91	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.95	129.95	130.43	130.11	0.21	ppb
Phosphorus	31-2	2541.05	2579.48	2508.22	2542.92	1.40	ppb
Potassium	39-2	6179.04	6225.79	6207.62	6204.15	0.38	ppb
Rhodium	103-2				100		%
Rhodium	103-1				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	130.93	124.66	114.17	123.25	6.87	ppb
Selenium	78-2	125.34	126.42	126.73	126.16	0.58	ppb
Selenium	82-1	123.88	125.75	126.63	125.42	1.12	ppb
Silicon	28-1	175.54	170.10	171.56	172.40	1.63	ppb
Silver	109-1	129.57	129.08	130.16	129.60	0.42	ppb
Silver	107-1	129.61	128.96	129.43	129.33	0.26	ppb
Sodium	23-2	12772.06	12891.96	12991.71	12885.24	0.85	ppb
Strontium	86-1	125.50	129.14	127.53	127.39	1.43	ppb
Strontium	88-1	124.90	126.65	125.50	125.68	0.71	ppb
Sulfur	34-1	2507.56	2176.18	2120.08	2267.94	9.23	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	121.21	122.72	124.22	122.71	1.23	ppb
Thallium	205-1	123.21	126.50	128.15	125.95	2.00	ppb
Tin	118-1	124.59	124.37	123.81	124.26	0.32	ppb
Titanium	47-1	127.34	125.75	125.80	126.29	0.72	ppb
Uranium	238-1	121.48	122.96	123.06	122.50	0.72	ppb
Vanadium	51-2	124.83	127.02	127.34	126.39	1.08	ppb
Yttrium	89-2				100		%
Yttrium	89-1				103		%
Zinc	66-2	258.95	262.73	261.17	260.95	0.73	ppb
Zirconium	90-1	123.61	124.63	124.67	124.31	0.48	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:45:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.78	125.14	126.22	125.38	0.60	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:48:57	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4956.69	4865.66	4891.65	4904.67	0.96	ppb
Antimony	121-1	236.44	236.64	230.84	234.64	1.40	ppb
Arsenic	75-2	249.10	251.98	250.23	250.44	0.58	ppb
Barium	135-1	1244.51	1259.14	1242.04	1248.57	0.74	ppb
Barium	137-1	1268.71	1273.41	1269.67	1270.60	0.20	ppb
Beryllium	9-1	254.33	250.85	251.85	252.34	0.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	245.15	253.31	246.76	248.41	1.74	ppb
Boron	11-1	246.31	247.83	250.09	248.08	0.77	ppb
Cadmium	106-1	260.17	262.25	258.84	260.42	0.66	ppb
Cadmium	108-1	256.36	256.58	257.87	256.94	0.32	ppb
Cadmium	111-1	259.77	260.70	257.64	259.37	0.61	ppb
Calcium	43-1	24269.71	24128.96	24286.35	24228.34	0.36	ppb
Calcium	44-1	24773.53	24166.83	24702.72	24547.69	1.35	ppb
Chromium	52-2	255.80	254.12	253.07	254.33	0.54	ppb
Cobalt	59-2	257.63	255.69	254.95	256.09	0.54	ppb
Copper	63-2	515.50	509.56	509.23	511.43	0.69	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				103		%
Holmium	165-1				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	12416.72	12186.39	12349.05	12317.39	0.96	ppb
Iron	57-2	12257.68	12068.74	12197.82	12174.74	0.79	ppb
Lead	206-1	249.80	252.62	250.35	250.92	0.59	ppb
Lead	207-1	250.11	250.48	248.26	249.62	0.48	ppb
Lead	208-1	249.36	251.10	247.35	249.27	0.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	25611.43	25667.34	25442.62	25573.80	0.46	ppb
Manganese	55-2	505.62	502.44	501.88	503.31	0.40	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:48:57	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	246.77	245.42	248.07	246.75	0.54	ppb
Molybdenum	95-1	246.60	245.60	249.58	247.26	0.84	ppb
Molybdenum	96-1	246.80	246.22	247.97	247.00	0.36	ppb
Molybdenum	97-1	251.64	249.58	251.12	250.78	0.43	ppb
Molybdenum	98-1	242.83	242.53	242.04	242.47	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.80	259.14	259.09	260.01	0.60	ppb
Phosphorus	31-2	5161.06	5118.66	5164.40	5148.04	0.50	ppb
Potassium	39-2	12367.05	12319.07	12293.06	12326.39	0.30	ppb
Rhodium	103-2				99		%
Rhodium	103-1				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	244.56	263.68	251.92	253.39	3.81	ppb
Selenium	78-2	250.28	253.18	255.13	252.87	0.97	ppb
Selenium	82-1	254.31	251.33	251.91	252.52	0.63	ppb
Silicon	28-1	349.52	344.70	352.81	349.01	1.17	ppb
Silver	109-1	254.99	256.41	253.54	254.98	0.56	ppb
Silver	107-1	254.92	258.33	254.35	255.87	0.84	ppb
Sodium	23-2	26028.24	25350.63	25485.41	25621.43	1.40	ppb
Strontium	86-1	252.05	250.60	253.40	252.02	0.56	ppb
Strontium	88-1	248.60	247.30	254.28	250.06	1.48	ppb
Sulfur	34-1	4809.64	4426.29	4623.49	4619.81	4.15	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	247.36	248.98	240.97	245.77	1.72	ppb
Thallium	205-1	252.81	254.40	245.94	251.05	1.79	ppb
Tin	118-1	246.32	250.45	244.20	246.99	1.29	ppb
Titanium	47-1	255.34	251.50	251.61	252.81	0.87	ppb
Uranium	238-1	247.16	251.64	248.79	249.20	0.91	ppb
Vanadium	51-2	252.05	250.48	251.16	251.23	0.31	ppb
Yttrium	89-2				100		%
Yttrium	89-1				102		%
Zinc	66-2	521.15	514.42	515.33	516.96	0.71	ppb
Zirconium	90-1	250.76	252.03	250.19	250.99	0.38	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:48:57	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.79	249.19	248.12	249.03	0.34	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:52:36	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9632.25	9763.62	9637.69	9677.85	0.77	ppb
Antimony	121-1	496.85	492.68	490.15	493.22	0.69	ppb
Arsenic	75-2	502.22	497.71	500.29	500.07	0.45	ppb
Barium	135-1	2518.68	2481.67	2510.01	2503.45	0.77	ppb
Barium	137-1	2502.32	2502.78	2494.06	2499.72	0.20	ppb
Beryllium	9-1	499.53	494.92	504.37	499.61	0.95	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	486.51	492.00	507.55	495.35	2.20	ppb
Boron	11-1	491.88	495.24	502.47	496.53	1.09	ppb
Cadmium	106-1	501.86	506.75	508.14	505.58	0.65	ppb
Cadmium	108-1	504.05	508.63	501.40	504.69	0.72	ppb
Cadmium	111-1	502.42	509.63	507.99	506.68	0.75	ppb
Calcium	43-1	48030.21	47806.52	48011.76	47949.50	0.26	ppb
Calcium	44-1	49282.16	48800.17	48643.13	48908.49	0.68	ppb
Chromium	52-2	502.99	507.76	504.12	504.96	0.49	ppb
Cobalt	59-2	501.67	508.37	504.41	504.82	0.67	ppb
Copper	63-2	996.87	1011.81	1001.94	1003.54	0.76	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				107		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	24340.63	24438.58	24248.82	24342.68	0.39	ppb
Iron	57-2	23977.71	24184.86	24047.92	24070.16	0.44	ppb
Lead	206-1	501.91	494.44	497.86	498.07	0.75	ppb
Lead	207-1	504.23	493.85	495.58	497.89	1.12	ppb
Lead	208-1	502.62	497.91	491.78	497.44	1.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	50167.44	50677.16	50284.68	50376.43	0.53	ppb
Manganese	55-2	993.65	1003.10	995.15	997.30	0.51	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:52:36	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.79	491.06	500.79	496.21	0.99	ppb
Molybdenum	95-1	490.25	487.64	494.45	490.78	0.70	ppb
Molybdenum	96-1	488.74	488.74	492.73	490.07	0.47	ppb
Molybdenum	97-1	499.95	498.57	500.26	499.59	0.18	ppb
Molybdenum	98-1	484.77	479.83	487.03	483.88	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.35	513.09	509.71	509.72	0.66	ppb
Phosphorus	31-2	10044.89	10246.73	10073.65	10121.76	1.08	ppb
Potassium	39-2	24325.05	24545.84	24439.58	24436.83	0.45	ppb
Rhodium	103-2				99		%
Rhodium	103-1				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	512.11	513.18	510.32	511.87	0.28	ppb
Selenium	78-2	495.54	506.41	499.95	500.63	1.09	ppb
Selenium	82-1	495.06	502.09	499.78	498.98	0.72	ppb
Silicon	28-1	511.85	502.74	511.43	508.67	1.01	ppb
Silver	109-1	508.15	513.74	505.21	509.03	0.85	ppb
Silver	107-1	504.36	506.13	505.17	505.22	0.17	ppb
Sodium	23-2	50686.39	51036.15	50757.94	50826.83	0.36	ppb
Strontium	86-1	499.75	500.08	501.31	500.38	0.16	ppb
Strontium	88-1	502.15	493.08	503.37	499.53	1.13	ppb
Sulfur	34-1	9681.58	9287.22	9545.60	9504.80	2.11	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	489.58	484.56	478.14	484.09	1.18	ppb
Thallium	205-1	499.32	486.54	490.49	492.12	1.33	ppb
Tin	118-1	487.22	490.89	487.20	488.44	0.43	ppb
Titanium	47-1	505.12	498.32	503.98	502.47	0.72	ppb
Uranium	238-1	493.51	497.11	494.46	495.03	0.38	ppb
Vanadium	51-2	500.08	504.08	502.28	502.15	0.40	ppb
Yttrium	89-2				100		%
Yttrium	89-1				104		%
Zinc	66-2	1011.46	1027.18	1020.07	1019.57	0.77	ppb
Zirconium	90-1	495.26	497.62	502.39	498.42	0.73	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:52:36	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.87	487.69	497.31	491.29	1.07	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:56:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19252.13	19080.04	18790.00	19040.72	1.23	ppb
Antimony	121-1	1021.37	1003.79	1003.91	1009.69	1.00	ppb
Arsenic	75-2	1001.25	998.13	999.77	999.71	0.16	ppb
Barium	135-1	5016.31	4999.36	4981.85	4999.17	0.34	ppb
Barium	137-1	5021.78	4965.83	4992.85	4993.49	0.56	ppb
Beryllium	9-1	995.72	993.71	1008.07	999.16	0.78	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	985.91	1005.08	1019.48	1003.49	1.68	ppb
Boron	11-1	992.93	1007.40	1008.00	1002.78	0.85	ppb
Cadmium	106-1	994.48	993.97	992.10	993.52	0.13	ppb
Cadmium	108-1	1000.05	999.06	986.30	995.14	0.77	ppb
Cadmium	111-1	996.57	992.68	990.74	993.33	0.30	ppb
Calcium	43-1	94933.55	94978.00	95120.89	95010.81	0.10	ppb
Calcium	44-1	97545.15	97132.61	97549.29	97409.02	0.25	ppb
Chromium	52-2	999.75	994.92	993.47	996.05	0.33	ppb
Cobalt	59-2	999.28	1004.44	982.99	995.57	1.12	ppb
Copper	63-2	2010.20	1999.42	1972.79	1994.13	0.97	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				103		%
Holmium	165-1				106		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	48376.90	48168.49	47637.74	48061.04	0.79	ppb
Iron	57-2	47646.60	47918.75	47494.31	47686.55	0.45	ppb
Lead	206-1	996.03	1003.08	1002.60	1000.57	0.39	ppb
Lead	207-1	1003.58	999.73	1000.01	1001.11	0.21	ppb
Lead	208-1	997.85	999.80	1006.73	1001.46	0.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	99874.88	98346.32	98030.41	98750.54	1.00	ppb
Manganese	55-2	2008.21	2007.36	1984.59	2000.05	0.67	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:56:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1010.82	1010.73	987.76	1003.10	1.32	ppb
Molybdenum	95-1	1012.45	1009.51	995.09	1005.68	0.92	ppb
Molybdenum	96-1	1014.16	1018.35	985.73	1006.08	1.76	ppb
Molybdenum	97-1	1000.52	1010.65	988.91	1000.02	1.09	ppb
Molybdenum	98-1	1012.27	1023.94	995.51	1010.57	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.74	993.10	986.72	991.85	0.47	ppb
Phosphorus	31-2	20055.85	20043.96	19589.02	19896.28	1.34	ppb
Potassium	39-2	48722.31	48560.20	48158.23	48480.25	0.60	ppb
Rhodium	103-2				98		%
Rhodium	103-1				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	994.62	1001.12	984.52	993.42	0.84	ppb
Selenium	78-2	999.83	998.41	998.07	998.77	0.09	ppb
Selenium	82-1	1002.13	1002.94	994.42	999.83	0.47	ppb
Silicon	28-1	965.98	959.60	966.74	964.10	0.41	ppb
Silver	109-1	995.15	994.02	991.48	993.55	0.19	ppb
Silver	107-1	1002.96	993.61	989.21	995.26	0.71	ppb
Sodium	23-2	100335.81	99185.73	99244.07	99588.54	0.65	ppb
Strontium	86-1	998.61	1002.26	996.06	998.98	0.31	ppb
Strontium	88-1	1003.69	999.24	997.43	1000.12	0.32	ppb
Sulfur	34-1	20429.42	20367.67	20349.65	20382.25	0.21	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	1000.94	1008.69	1018.58	1009.41	0.88	ppb
Thallium	205-1	999.68	996.40	1014.68	1003.59	0.97	ppb
Tin	118-1	1017.35	996.01	1006.56	1006.64	1.06	ppb
Titanium	47-1	1003.02	995.47	995.09	997.86	0.45	ppb
Uranium	238-1	1006.18	995.77	1007.30	1003.08	0.63	ppb
Vanadium	51-2	1003.41	996.33	995.48	998.40	0.44	ppb
Yttrium	89-2				101		%
Yttrium	89-1				104		%
Zinc	66-2	1985.25	1991.37	1976.55	1984.39	0.38	ppb
Zirconium	90-1	1004.91	1002.75	994.31	1000.66	0.56	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:56:11	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1019.35	1014.34	980.07	1004.59	2.13	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:59:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99934.20	100589.17	100164.60	100229.32	0.33	ppb
Antimony	121-1	4.88	5.37	5.79	5.34	8.56	ppb
Arsenic	75-2	1.39	1.71	1.59	1.56	10.28	ppb
Barium	135-1	1.87	1.86	1.69	1.81	5.51	ppb
Barium	137-1	1.84	1.77	1.70	1.77	3.98	ppb
Beryllium	9-1	0.21	0.20	0.15	0.19	18.15	ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Boron	10-1	20.43	16.38	17.04	17.95	12.09	ppb
Boron	11-1	18.30	18.07	16.20	17.52	6.57	ppb
Cadmium	106-1	-0.58	0.34	0.37	0.04	1253.09	ppb
Cadmium	108-1	0.20	0.27	0.30	0.25	20.48	ppb
Cadmium	111-1	0.19	0.22	0.21	0.21	8.11	ppb
Calcium	43-1	501490.78	498314.53	503952.32	501252.54	0.56	ppb
Calcium	44-1	501629.22	499047.62	501285.87	500654.23	0.28	ppb
Chromium	52-2	24.18	24.36	24.43	24.32	0.52	ppb
Cobalt	59-2	1.22	1.28	1.25	1.25	2.45	ppb
Copper	63-2	3.07	3.11	3.06	3.08	0.86	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				98		%
Holmium	165-1				98		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	251094.67	250736.26	249563.78	250464.91	0.32	ppb
Iron	57-2	251945.27	249528.73	250254.64	250576.21	0.49	ppb
Lead	206-1	1.50	1.54	1.58	1.54	2.34	ppb
Lead	207-1	1.47	1.34	1.41	1.41	4.76	ppb
Lead	208-1	1.48	1.46	1.47	1.47	0.82	ppb
Lithium	6-1				89		%
Magnesium	24-2	496549.78	502743.76	501217.01	500170.18	0.65	ppb
Manganese	55-2	6.30	6.14	6.54	6.33	3.17	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:59:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.94	2.13	2.24	2.10	7.19	ppb
Molybdenum	95-1	6.15	6.39	7.01	6.52	6.78	ppb
Molybdenum	96-1	5.69	6.08	6.51	6.09	6.71	ppb
Molybdenum	97-1	6.21	6.44	7.17	6.61	7.54	ppb
Molybdenum	98-1	5.82	6.31	6.88	6.34	8.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.54	14.44	14.29	14.42	0.86	ppb
Phosphorus	31-2	-9.46	6.74	6.07	1.11	822.48	ppb
Potassium	39-2	249138.65	251088.31	250883.51	250370.15	0.43	ppb
Rhodium	103-2				91		%
Rhodium	103-1				91		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	2.13	2.69	1.86	2.23	19.04	ppb
Selenium	78-2	2.64	3.72	3.28	3.21	16.90	ppb
Selenium	82-1	1.31	1.40	1.19	1.30	8.05	ppb
Silicon	28-1	5.26	3.57	6.25	5.03	26.98	ppb
Silver	109-1	0.14	0.14	0.13	0.14	4.91	ppb
Silver	107-1	0.15	0.15	0.15	0.15	1.62	ppb
Sodium	23-2	494674.14	504746.19	500449.38	499956.57	1.01	ppb
Strontium	86-1	32.05	32.05	31.83	31.98	0.41	ppb
Strontium	88-1	31.96	31.95	32.31	32.07	0.63	ppb
Sulfur	34-1	-2183.73	-2067.53	-2026.58	-2092.61		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.69	0.62	0.53	0.61	13.48	ppb
Thallium	205-1	0.66	0.60	0.55	0.61	9.01	ppb
Tin	118-1	0.98	1.06	1.29	1.11	14.44	ppb
Titanium	47-1	1.02	0.60	0.83	0.82	25.85	ppb
Uranium	238-1	0.14	0.12	0.11	0.12	9.13	ppb
Vanadium	51-2	0.35	0.31	0.31	0.32	8.05	ppb
Yttrium	89-2				102		%
Yttrium	89-1				101		%
Zinc	66-2	6.50	6.99	6.54	6.68	4.09	ppb
Zirconium	90-1	0.19	0.20	0.21	0.20	4.91	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:59:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.21	0.17	0.19	12.07	ppb

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 16:08:40 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	482.33	469.99	476.15	476.16	1.30	ppb
Antimony	121-1	183.28	189.66	187.41	186.78	1.73	ppb
Arsenic	75-2	196.25	194.99	197.34	196.19	0.60	ppb
Barium	135-1	99.46	101.50	102.82	101.26	1.67	ppb
Barium	137-1	100.81	105.25	104.41	103.49	2.28	ppb
Beryllium	9-1	99.57	97.55	98.04	98.39	1.07	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	518.11	515.89	504.46	512.82	1.43	ppb
Boron	11-1	522.95	513.07	512.47	516.16	1.14	ppb
Cadmium	106-1	187.57	187.21	189.79	188.19	0.74	ppb
Cadmium	108-1	152.00	155.72	149.26	152.33	2.13	ppb
Cadmium	111-1	106.39	109.51	109.49	108.46	1.66	ppb
Calcium	43-1	2054.98	2069.26	2071.27	2065.17	0.43	ppb
Calcium	44-1	2037.48	2055.89	2014.28	2035.88	1.02	ppb
Chromium	52-2	95.87	95.70	94.76	95.44	0.63	ppb
Cobalt	59-2	99.60	97.33	98.30	98.41	1.16	ppb
Copper	63-2	97.69	97.96	98.89	98.18	0.64	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				102		%
Holmium	165-1				98		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	935.90	923.14	922.68	927.24	0.81	ppb
Iron	57-2	946.88	917.90	927.47	930.75	1.59	ppb
Lead	206-1	198.69	195.87	192.74	195.76	1.52	ppb
Lead	207-1	188.88	187.02	184.67	186.86	1.13	ppb
Lead	208-1	193.05	189.77	188.82	190.54	1.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	1169.67	1154.28	1149.52	1157.82	0.91	ppb
Manganese	55-2	97.39	97.16	96.30	96.95	0.59	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:08:40	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	479.36	478.77	474.58	477.57	0.55	ppb
Molybdenum	95-1	473.13	472.94	474.84	473.64	0.22	ppb
Molybdenum	96-1	469.64	470.95	469.85	470.15	0.15	ppb
Molybdenum	97-1	480.45	474.92	476.88	477.42	0.59	ppb
Molybdenum	98-1	468.82	461.19	466.54	465.52	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.77	99.35	100.43	100.18	0.74	ppb
Phosphorus	31-2	-6.21	-9.27	-5.32	-6.93		ppb
Potassium	39-2	1923.16	1914.58	1914.73	1917.49	0.26	ppb
Rhodium	103-2				103		%
Rhodium	103-1				103		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	191.38	185.22	193.98	190.19	2.37	ppb
Selenium	78-2	199.72	201.86	197.01	199.53	1.22	ppb
Selenium	82-1	196.50	193.36	194.63	194.83	0.81	ppb
Silicon	28-1	461.72	465.45	464.36	463.85	0.41	ppb
Silver	109-1	93.61	97.07	95.68	95.46	1.82	ppb
Silver	107-1	95.94	97.00	95.25	96.06	0.91	ppb
Sodium	23-2	2000.88	1982.57	1984.16	1989.20	0.51	ppb
Strontium	86-1	491.31	490.12	491.50	490.98	0.15	ppb
Strontium	88-1	486.10	487.06	489.13	487.43	0.32	ppb
Sulfur	34-1	-1888.17	-1707.20	-1932.78	-1842.72		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	193.05	185.97	185.87	188.30	2.19	ppb
Thallium	205-1	197.29	189.74	190.20	192.41	2.20	ppb
Tin	118-1	493.06	512.81	507.41	504.43	2.02	ppb
Titanium	47-1	485.21	489.18	484.41	486.27	0.53	ppb
Uranium	238-1	456.88	447.56	452.46	452.30	1.03	ppb
Vanadium	51-2	95.45	94.53	94.96	94.98	0.49	ppb
Yttrium	89-2				105		%
Yttrium	89-1				105		%
Zinc	66-2	201.69	195.51	199.90	199.03	1.60	ppb
Zirconium	90-1	482.11	481.62	488.14	483.96	0.75	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:08:40	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	473.82	468.96	475.29	472.69	0.70	ppb

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 16:17:47 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.47	0.21	0.28	58.79	ppb
Antimony	121-1	0.85	1.07	1.23	1.05	18.53	ppb
Arsenic	75-2	0.15	0.17	0.22	0.18	19.39	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	505.12	ppb
Barium	137-1	0.01	0.00	0.00	0.00	175.09	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	63.11	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	3.64	2.87	3.99	3.50	16.34	ppb
Boron	11-1	3.75	3.27	3.62	3.55	6.99	ppb
Cadmium	106-1	0.67	0.91	-0.45	0.38	191.49	ppb
Cadmium	108-1	0.02	0.12	0.03	0.06	98.23	ppb
Cadmium	111-1	0.05	0.05	-0.01	0.03	117.88	ppb
Calcium	43-1	-2.50	0.40	-5.73	-2.61		ppb
Calcium	44-1	-2.63	-1.74	-1.33	-1.90		ppb
Chromium	52-2	-0.01	0.00	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.01	-0.01	-0.01	-0.01		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				101		%
Holmium	165-1				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	0.81	0.87	0.73	0.81	8.93	ppb
Iron	57-2	0.55	0.28	1.25	0.69	72.34	ppb
Lead	206-1	0.11	0.12	0.11	0.11	3.73	ppb
Lead	207-1	0.10	0.09	0.10	0.09	5.27	ppb
Lead	208-1	0.09	0.10	0.10	0.10	6.35	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.97	1.36	0.98	1.10	20.01	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	108.29	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:17:47	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.11	0.16	0.12	34.23	ppb
Molybdenum	95-1	0.24	0.36	0.45	0.35	30.40	ppb
Molybdenum	96-1	0.24	0.31	0.37	0.31	20.37	ppb
Molybdenum	97-1	0.26	0.35	0.47	0.36	28.23	ppb
Molybdenum	98-1	0.28	0.40	0.43	0.37	22.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	-10.11	-22.92	-20.14	-17.72		ppb
Potassium	39-2	-5.20	-9.32	-5.86	-6.79		ppb
Rhodium	103-2				102		%
Rhodium	103-1				104		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	0.18	0.18	0.46	0.27	59.12	ppb
Selenium	78-2	1.03	0.50	0.92	0.82	34.33	ppb
Selenium	82-1	-1.07	-1.60	-0.87	-1.18		ppb
Silicon	28-1	-14.72	-15.33	-16.92	-15.66		ppb
Silver	109-1	0.02	0.02	0.01	0.01	22.56	ppb
Silver	107-1	0.01	0.01	0.02	0.01	21.79	ppb
Sodium	23-2	23.45	20.68	21.34	21.83	6.62	ppb
Strontium	86-1	0.01	-0.13	-0.10	-0.07		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	47.49	ppb
Sulfur	34-1	-2000.20	-1876.14	-1973.85	-1950.06		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.08	0.05	0.06	30.98	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	3.54	ppb
Tin	118-1	0.10	0.16	0.18	0.14	28.65	ppb
Titanium	47-1	0.01	-0.01	0.05	0.02	173.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	548.14	ppb
Yttrium	89-2				103		%
Yttrium	89-1				105		%
Zinc	66-2	0.08	0.03	0.04	0.05	56.92	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	63.66	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:17:47	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.02	0.01	193.95	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:21:18	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92898.31	93415.36	93691.84	93335.17	0.43	ppb
Antimony	121-1	1.46	1.48	1.55	1.50	3.00	ppb
Arsenic	75-2	0.48	0.38	0.41	0.42	11.75	ppb
Barium	135-1	1.42	1.46	1.54	1.47	4.31	ppb
Barium	137-1	1.65	1.45	1.46	1.52	7.41	ppb
Beryllium	9-1	0.27	0.20	0.35	0.27	27.75	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	3.31	3.53	3.69	3.51	5.54	ppb
Boron	11-1	3.52	3.70	3.63	3.62	2.51	ppb
Cadmium	106-1	-0.09	-0.58	-1.41	-0.70		ppb
Cadmium	108-1	11.17	10.37	10.98	10.84	3.88	ppb
Cadmium	111-1	0.34	0.30	0.26	0.30	14.57	ppb
Calcium	43-1	94031.54	93965.33	93648.95	93881.94	0.22	ppb
Calcium	44-1	97665.34	95915.58	96329.49	96636.80	0.95	ppb
Chromium	52-2	19.39	19.68	19.69	19.59	0.87	ppb
Cobalt	59-2	1.14	1.17	1.20	1.17	2.67	ppb
Copper	63-2	8.09	8.02	8.07	8.06	0.45	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				102		%
Holmium	165-1				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	96641.13	95815.51	95891.84	96116.16	0.47	ppb
Iron	57-2	96851.33	96568.71	96987.63	96802.55	0.22	ppb
Lead	206-1	4.93	4.71	5.05	4.89	3.54	ppb
Lead	207-1	4.20	4.10	4.23	4.18	1.60	ppb
Lead	208-1	4.45	4.36	4.53	4.45	1.91	ppb
Lithium	6-1				97		%
Magnesium	24-2	96124.66	95886.13	96526.81	96179.20	0.34	ppb
Manganese	55-2	7.81	7.95	7.92	7.89	0.95	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:21:18	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	592.63	593.41	592.96	593.00	0.07	ppb
Molybdenum	95-1	1959.00	1965.63	1981.78	1968.80	0.59	ppb
Molybdenum	96-1	1630.91	1628.80	1631.20	1630.30	0.08	ppb
Molybdenum	97-1	2023.74	2020.12	2034.75	2026.20	0.38	ppb
Molybdenum	98-1	1965.04	1960.66	1993.37	1973.03	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.48	5.53	5.48	5.49	0.52	ppb
Phosphorus	31-2	98292.76	98425.06	98808.06	98508.63	0.27	ppb
Potassium	39-2	97365.45	97466.45	98411.96	97747.95	0.59	ppb
Rhodium	103-2				96		%
Rhodium	103-1				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.76	0.19	0.19	0.38	86.74	ppb
Selenium	78-2	0.40	-0.48	0.35	0.09	548.43	ppb
Selenium	82-1	-0.45	0.49	-0.22	-0.06		ppb
Silicon	28-1	13.27	11.44	11.55	12.09	8.51	ppb
Silver	109-1	0.14	0.14	0.19	0.16	19.27	ppb
Silver	107-1	0.13	0.13	0.15	0.14	11.89	ppb
Sodium	23-2	100310.37	99785.05	99241.34	99778.92	0.54	ppb
Strontium	86-1	33.19	33.37	33.57	33.38	0.57	ppb
Strontium	88-1	32.94	33.00	33.43	33.13	0.81	ppb
Sulfur	34-1	80964.98	80533.00	79548.68	80348.89	0.90	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.18	0.20	0.18	0.19	4.42	ppb
Thallium	205-1	0.18	0.19	0.17	0.18	5.32	ppb
Tin	118-1	0.17	0.21	0.23	0.21	14.63	ppb
Titanium	47-1	1969.55	1952.97	1958.96	1960.49	0.43	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	10.54	ppb
Vanadium	51-2	0.19	0.16	0.15	0.17	11.87	ppb
Yttrium	89-2				100		%
Yttrium	89-1				104		%
Zinc	66-2	11.83	11.87	11.95	11.88	0.50	ppb
Zirconium	90-1	0.14	0.13	0.17	0.15	11.91	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:21:18	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.15	0.16	0.14	17.80	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:24:46	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92602.17	93349.41	92442.55	92798.04	0.52	ppb
Antimony	121-1	20.28	19.80	19.81	19.96	1.36	ppb
Arsenic	75-2	19.24	19.93	19.34	19.50	1.91	ppb
Barium	135-1	21.69	21.60	20.94	21.41	1.91	ppb
Barium	137-1	22.27	22.24	21.66	22.06	1.58	ppb
Beryllium	9-1	19.88	19.88	19.86	19.87	0.07	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	50.84	52.04	53.75	52.21	2.80	ppb
Boron	11-1	49.80	50.78	51.31	50.63	1.51	ppb
Cadmium	106-1	25.41	24.30	25.43	25.05	2.58	ppb
Cadmium	108-1	34.37	35.52	33.58	34.49	2.83	ppb
Cadmium	111-1	20.37	20.00	20.03	20.13	1.02	ppb
Calcium	43-1	93118.45	93021.37	92101.62	92747.15	0.61	ppb
Calcium	44-1	96696.12	97282.84	96113.93	96697.63	0.60	ppb
Chromium	52-2	39.19	39.37	39.19	39.25	0.27	ppb
Cobalt	59-2	21.20	21.40	21.08	21.23	0.75	ppb
Copper	63-2	27.94	28.30	27.97	28.07	0.72	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				102		%
Holmium	165-1				104		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	95908.05	96549.29	95450.64	95969.32	0.58	ppb
Iron	57-2	96459.79	96930.08	96029.38	96473.09	0.47	ppb
Lead	206-1	25.09	24.81	24.96	24.95	0.56	ppb
Lead	207-1	22.96	22.35	22.85	22.72	1.44	ppb
Lead	208-1	23.76	23.34	23.74	23.62	1.00	ppb
Lithium	6-1				98		%
Magnesium	24-2	95367.64	96840.98	95808.52	96005.71	0.79	ppb
Manganese	55-2	27.62	27.98	27.83	27.81	0.65	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:24:46	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	637.32	645.29	638.28	640.30	0.68	ppb
Molybdenum	95-1	1989.70	2001.35	1984.61	1991.89	0.43	ppb
Molybdenum	96-1	1676.88	1666.56	1653.15	1665.53	0.71	ppb
Molybdenum	97-1	2063.09	2092.83	2072.00	2075.97	0.74	ppb
Molybdenum	98-1	1999.72	2008.96	1997.85	2002.18	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.21	25.41	25.42	25.35	0.47	ppb
Phosphorus	31-2	97561.16	98954.93	98064.09	98193.39	0.72	ppb
Potassium	39-2	97238.14	97683.48	97190.81	97370.81	0.28	ppb
Rhodium	103-2				96		%
Rhodium	103-1				99		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	19.84	21.65	21.03	20.84	4.40	ppb
Selenium	78-2	19.79	19.76	19.26	19.60	1.53	ppb
Selenium	82-1	18.47	19.25	17.76	18.49	4.01	ppb
Silicon	28-1	78.14	77.00	75.05	76.73	2.03	ppb
Silver	109-1	19.39	19.03	18.68	19.03	1.86	ppb
Silver	107-1	19.28	19.21	18.69	19.06	1.70	ppb
Sodium	23-2	98851.78	99897.11	98411.04	99053.31	0.77	ppb
Strontium	86-1	80.95	81.03	80.46	80.81	0.38	ppb
Strontium	88-1	80.44	80.33	79.96	80.24	0.31	ppb
Sulfur	34-1	78779.29	78550.87	77739.12	78356.43	0.70	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	19.84	19.30	19.41	19.52	1.44	ppb
Thallium	205-1	19.88	19.74	19.72	19.78	0.45	ppb
Tin	118-1	47.87	47.86	46.68	47.47	1.45	ppb
Titanium	47-1	1981.73	1996.30	1991.61	1989.88	0.37	ppb
Uranium	238-1	47.81	46.66	47.67	47.38	1.33	ppb
Vanadium	51-2	19.74	19.84	19.98	19.85	0.60	ppb
Yttrium	89-2				100		%
Yttrium	89-1				105		%
Zinc	66-2	32.28	32.87	32.10	32.42	1.24	ppb
Zirconium	90-1	47.18	47.24	46.77	47.06	0.55	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:24:46	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.22	47.04	46.77	47.01	0.48	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:28:14	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9678.05	9563.58	9635.12	9625.58	0.60	ppb
Antimony	121-1	506.49	501.49	498.39	502.12	0.81	ppb
Arsenic	75-2	502.04	502.21	501.20	501.82	0.11	ppb
Barium	135-1	2589.10	2551.16	2538.39	2559.55	1.03	ppb
Barium	137-1	2619.05	2592.98	2569.93	2593.98	0.95	ppb
Beryllium	9-1	503.47	504.85	499.89	502.74	0.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	489.13	489.19	495.99	491.44	0.80	ppb
Boron	11-1	481.89	491.22	493.75	488.95	1.28	ppb
Cadmium	106-1	515.45	528.58	524.98	523.01	1.30	ppb
Cadmium	108-1	519.87	527.37	519.78	522.34	0.83	ppb
Cadmium	111-1	517.17	528.41	523.91	523.17	1.08	ppb
Calcium	43-1	47771.68	47822.64	48264.08	47952.80	0.56	ppb
Calcium	44-1	49224.69	49180.41	49760.88	49388.66	0.65	ppb
Chromium	52-2	509.76	506.50	504.03	506.76	0.57	ppb
Cobalt	59-2	504.87	501.09	500.04	502.00	0.51	ppb
Copper	63-2	1007.77	1024.37	1036.64	1022.93	1.42	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				103		%
Holmium	165-1				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	24917.83	24539.13	24463.84	24640.27	0.99	ppb
Iron	57-2	24334.90	24081.63	23994.14	24136.89	0.73	ppb
Lead	206-1	490.17	504.72	504.26	499.72	1.66	ppb
Lead	207-1	492.34	500.31	502.65	498.44	1.09	ppb
Lead	208-1	494.54	501.64	503.84	500.01	0.97	ppb
Lithium	6-1				97		%
Magnesium	24-2	50981.58	49942.95	50420.65	50448.39	1.03	ppb
Manganese	55-2	1007.13	1004.73	1001.36	1004.40	0.29	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:28:14	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	511.30	503.98	503.72	506.33	0.85	ppb
Molybdenum	95-1	498.02	496.21	491.58	495.27	0.67	ppb
Molybdenum	96-1	497.86	494.05	492.29	494.74	0.58	ppb
Molybdenum	97-1	504.07	505.07	500.09	503.08	0.52	ppb
Molybdenum	98-1	489.07	488.60	508.80	495.49	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.66	511.07	508.44	511.05	0.51	ppb
Phosphorus	31-2	10104.83	10250.79	10109.58	10155.07	0.82	ppb
Potassium	39-2	25244.89	25093.44	24983.04	25107.12	0.52	ppb
Rhodium	103-2				100		%
Rhodium	103-1				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	513.82	526.88	476.82	505.84	5.13	ppb
Selenium	78-2	512.22	504.84	504.26	507.10	0.88	ppb
Selenium	82-1	507.13	509.75	505.86	507.58	0.39	ppb
Silicon	28-1	502.82	505.32	506.59	504.91	0.38	ppb
Silver	109-1	521.23	535.25	527.26	527.91	1.33	ppb
Silver	107-1	527.28	530.99	523.88	527.38	0.67	ppb
Sodium	23-2	51022.96	50274.81	50342.14	50546.64	0.82	ppb
Strontium	86-1	507.62	505.53	504.98	506.04	0.27	ppb
Strontium	88-1	510.29	511.02	506.91	509.41	0.43	ppb
Sulfur	34-1	8678.85	8764.02	8716.90	8719.93	0.49	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	481.08	492.62	494.24	489.31	1.47	ppb
Thallium	205-1	499.77	506.25	511.50	505.84	1.16	ppb
Tin	118-1	498.61	503.00	499.58	500.39	0.46	ppb
Titanium	47-1	500.41	502.70	502.39	501.83	0.25	ppb
Uranium	238-1	487.00	487.11	494.50	489.54	0.88	ppb
Vanadium	51-2	506.77	505.28	501.00	504.35	0.59	ppb
Yttrium	89-2				103		%
Yttrium	89-1				105		%
Zinc	66-2	1021.30	1013.09	1012.80	1015.73	0.48	ppb
Zirconium	90-1	508.45	506.35	503.76	506.19	0.46	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:28:14	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.87	494.92	494.43	495.41	0.26	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:37:40	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.25	-0.20	0.08	299.73	ppb
Antimony	121-1	1.14	1.43	1.60	1.39	16.63	ppb
Arsenic	75-2	0.14	0.15	0.15	0.15	5.50	ppb
Barium	135-1	0.01	0.01	0.03	0.01	74.39	ppb
Barium	137-1	0.00	0.00	0.02	0.01	120.65	ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	72.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	3.73	3.87	3.32	3.64	7.83	ppb
Boron	11-1	3.57	3.18	2.89	3.21	10.60	ppb
Cadmium	106-1	-0.36	-0.92	-0.87	-0.72		ppb
Cadmium	108-1	0.03	0.00	-0.02	0.00	538.54	ppb
Cadmium	111-1	-0.01	-0.04	-0.04	-0.03		ppb
Calcium	43-1	-1.24	-1.79	-2.74	-1.92		ppb
Calcium	44-1	1.57	-0.51	0.02	0.36	301.52	ppb
Chromium	52-2	0.00	0.00	0.00	0.00		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.08	0.10	0.12	0.10	19.51	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				101		%
Holmium	165-1				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	1.09	1.15	1.17	1.14	3.79	ppb
Iron	57-2	0.66	1.37	1.34	1.12	35.65	ppb
Lead	206-1	0.02	0.01	0.01	0.02	36.32	ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				96		%
Magnesium	24-2	0.87	1.01	1.27	1.05	19.30	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:37:40	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.18	0.20	0.17	21.25	ppb
Molybdenum	95-1	0.38	0.57	0.67	0.54	27.47	ppb
Molybdenum	96-1	0.28	0.47	0.53	0.42	30.18	ppb
Molybdenum	97-1	0.40	0.51	0.75	0.55	32.31	ppb
Molybdenum	98-1	0.40	0.50	0.65	0.52	24.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.02	0.01	87.28	ppb
Phosphorus	31-2	-17.57	-1.12	-29.78	-16.16		ppb
Potassium	39-2	-0.41	1.67	3.96	1.74	125.53	ppb
Rhodium	103-2				100		%
Rhodium	103-1				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	0.47	-0.09	-0.09	0.09	348.41	ppb
Selenium	78-2	-0.63	0.15	-0.06	-0.18		ppb
Selenium	82-1	-0.75	-0.94	0.13	-0.52		ppb
Silicon	28-1	-14.85	-11.15	-13.91	-13.30		ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.48	ppb
Silver	107-1	0.03	0.02	0.03	0.03	17.76	ppb
Sodium	23-2	23.66	26.54	26.86	25.69	6.85	ppb
Strontium	86-1	-0.02	-0.02	-0.16	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	138.04	ppb
Sulfur	34-1	-2375.34	-2366.14	-2424.64	-2388.71		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.05	0.05	9.75	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	6.52	ppb
Tin	118-1	0.04	0.07	0.10	0.07	42.48	ppb
Titanium	47-1	-0.01	-0.01	0.03	0.00	493.71	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	515.68	ppb
Yttrium	89-2				100		%
Yttrium	89-1				103		%
Zinc	66-2	0.01	0.04	0.04	0.03	72.17	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	29.22	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:37:40	DataFile Name :	017CCBE.d

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

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:41:09	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.25	18.37	23.50	20.04	14.94	ppb
Antimony	121-1	2.16	2.28	2.26	2.23	2.94	ppb
Arsenic	75-2	1.12	1.02	1.15	1.09	6.31	ppb
Barium	135-1	9.93	10.03	9.85	9.94	0.95	ppb
Barium	137-1	10.34	10.32	10.08	10.25	1.41	ppb
Beryllium	9-1	1.07	1.07	0.95	1.03	6.49	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	7.79	6.74	7.73	7.42	7.96	ppb
Boron	11-1	6.93	7.27	7.01	7.07	2.55	ppb
Cadmium	106-1	0.18	1.00	-0.01	0.39	136.33	ppb
Cadmium	108-1	1.14	1.32	1.15	1.20	8.45	ppb
Cadmium	111-1	0.97	1.07	0.94	0.99	6.85	ppb
Calcium	43-1	455.63	459.51	463.50	459.55	0.86	ppb
Calcium	44-1	481.53	482.38	486.09	483.33	0.50	ppb
Chromium	52-2	2.19	2.19	2.08	2.15	2.78	ppb
Cobalt	59-2	1.04	1.04	1.05	1.04	0.64	ppb
Copper	63-2	2.16	2.20	2.17	2.17	0.97	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	49.20	50.09	50.19	49.83	1.10	ppb
Iron	57-2	51.30	53.53	51.32	52.05	2.47	ppb
Lead	206-1	0.95	0.95	0.96	0.96	0.78	ppb
Lead	207-1	0.95	0.96	0.91	0.94	2.85	ppb
Lead	208-1	0.95	0.96	0.94	0.95	0.89	ppb
Lithium	6-1				95		%
Magnesium	24-2	504.28	516.10	511.91	510.76	1.17	ppb
Manganese	55-2	1.06	1.03	0.95	1.02	5.55	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:41:09	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.16	2.09	2.04	2.10	2.90	ppb
Molybdenum	95-1	5.02	5.02	5.11	5.05	0.97	ppb
Molybdenum	96-1	4.37	4.30	4.40	4.36	1.19	ppb
Molybdenum	97-1	5.19	5.06	5.10	5.12	1.24	ppb
Molybdenum	98-1	5.08	4.98	5.04	5.03	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.07	1.13	1.06	6.74	ppb
Phosphorus	31-2	5.45	9.29	-7.72	2.34	381.10	ppb
Potassium	39-2	484.23	494.12	500.53	492.96	1.67	ppb
Rhodium	103-2				101		%
Rhodium	103-1				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	3.88	3.01	4.97	3.96	24.90	ppb
Selenium	78-2	6.17	5.46	3.53	5.05	27.00	ppb
Selenium	82-1	3.62	3.57	4.41	3.87	12.26	ppb
Silicon	28-1	-10.14	-8.54	-8.51	-9.06		ppb
Silver	109-1	1.58	1.61	1.57	1.59	1.20	ppb
Silver	107-1	1.60	1.59	1.60	1.60	0.23	ppb
Sodium	23-2	530.66	538.97	538.68	536.10	0.88	ppb
Strontium	86-1	0.93	0.96	0.90	0.93	3.01	ppb
Strontium	88-1	1.03	1.02	1.00	1.01	1.77	ppb
Sulfur	34-1	-2402.75	-2263.31	-2102.06	-2256.04		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.99	0.98	0.95	0.97	2.06	ppb
Thallium	205-1	0.98	0.99	0.98	0.99	0.79	ppb
Tin	118-1	5.07	5.18	5.07	5.11	1.23	ppb
Titanium	47-1	4.87	4.90	5.09	4.96	2.43	ppb
Uranium	238-1	0.93	0.99	0.99	0.97	3.90	ppb
Vanadium	51-2	5.01	5.02	4.91	4.98	1.26	ppb
Yttrium	89-2				101		%
Yttrium	89-1				103		%
Zinc	66-2	1.99	2.18	2.27	2.15	6.52	ppb
Zirconium	90-1	0.85	0.87	0.81	0.84	3.45	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:41:09	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.78	0.85	0.73	0.78	7.70	ppb

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : PB97516BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 16:44:40 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	-0.07	0.51	0.08	478.42	ppb
Antimony	121-1	0.00	0.04	0.08	0.04	100.74	ppb
Arsenic	75-2	0.04	0.07	0.07	0.06	27.24	ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	46.66	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	1.91	2.50	1.67	2.03	20.86	ppb
Boron	11-1	1.94	1.87	1.80	1.87	3.70	ppb
Cadmium	106-1	-0.90	0.15	-0.07	-0.27		ppb
Cadmium	108-1	0.07	0.11	0.00	0.06	92.38	ppb
Cadmium	111-1	-0.05	0.00	0.00	-0.02		ppb
Calcium	43-1	-0.31	-2.09	-0.71	-1.03		ppb
Calcium	44-1	-0.63	-0.79	0.73	-0.23		ppb
Chromium	52-2	0.00	-0.01	0.01	0.00	621.49	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.05	0.05	0.05	0.05	5.38	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-2				100		%
Indium	115-1				103		%
Iron	56-2	0.39	0.46	0.45	0.43	9.34	ppb
Iron	57-2	0.57	0.55	0.94	0.69	31.99	ppb
Lead	206-1	0.00	0.02	0.02	0.01	115.25	ppb
Lead	207-1	0.00	0.00	0.00	0.00	1049.82	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	2542.02	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.47	0.38	0.50	0.45	13.20	ppb
Manganese	55-2	0.01	0.00	0.00	0.00		ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:44:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.08	0.07	0.06	23.14	ppb
Molybdenum	95-1	0.13	0.21	0.28	0.21	36.79	ppb
Molybdenum	96-1	0.11	0.17	0.22	0.17	32.90	ppb
Molybdenum	97-1	0.14	0.20	0.28	0.21	34.03	ppb
Molybdenum	98-1	0.15	0.23	0.26	0.21	26.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-15.01	-12.32	-0.09	-9.14		ppb
Potassium	39-2	-0.22	0.90	-1.44	-0.25		ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-2				101		%
Scandium	45-1				102		%
Selenium	82-1	-0.98	-1.22	-0.27	-0.82		ppb
Selenium	77-2	-0.09	0.19	-0.09	0.00		ppb
Selenium	78-2	-0.47	0.86	-0.45	-0.02		ppb
Silicon	28-1	-13.86	-12.56	-13.89	-13.43		ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.63	ppb
Silver	107-1	0.01	0.02	0.01	0.01	17.00	ppb
Sodium	23-2	21.72	20.07	20.10	20.63	4.58	ppb
Strontium	86-1	-0.12	-0.06	-0.01	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2120.51	-2098.01	-1992.68	-2070.40		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	17.03	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.67	ppb
Tin	118-1	0.01	0.02	0.06	0.03	83.09	ppb
Titanium	47-1	0.01	0.00	-0.04	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-2				101		%
Yttrium	89-1				103		%
Zinc	66-2	0.04	0.00	-0.01	0.01	194.30	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:44:40	DataFile Name :	019CCBE.d

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

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:48:11	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.72	39.84	38.66	39.74	2.60	ppb
Antimony	121-1	3.98	3.93	4.06	3.99	1.62	ppb
Arsenic	75-2	2.03	2.02	1.98	2.01	1.41	ppb
Barium	135-1	19.62	20.08	19.67	19.79	1.28	ppb
Barium	137-1	19.58	20.21	19.61	19.80	1.79	ppb
Beryllium	9-1	2.15	2.13	1.96	2.08	4.82	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	11.73	11.56	11.16	11.48	2.53	ppb
Boron	11-1	11.32	11.40	11.81	11.51	2.28	ppb
Cadmium	106-1	1.41	2.18	0.97	1.52	40.07	ppb
Cadmium	108-1	2.34	1.95	2.18	2.16	8.91	ppb
Cadmium	111-1	2.01	2.08	2.07	2.05	1.81	ppb
Calcium	43-1	917.45	941.30	898.54	919.10	2.33	ppb
Calcium	44-1	942.53	940.59	950.08	944.40	0.53	ppb
Chromium	52-2	4.28	4.19	4.20	4.22	1.14	ppb
Cobalt	59-2	2.05	2.02	2.02	2.03	0.78	ppb
Copper	63-2	4.11	4.22	4.19	4.17	1.30	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				99		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	436.53	442.83	437.69	439.02	0.76	ppb
Iron	57-2	440.95	449.68	441.46	444.03	1.10	ppb
Lead	206-1	1.94	1.96	2.08	1.99	3.80	ppb
Lead	207-1	1.94	1.94	1.95	1.94	0.32	ppb
Lead	208-1	1.91	1.91	1.99	1.94	2.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	993.11	985.20	988.65	988.98	0.40	ppb
Manganese	55-2	2.02	2.05	2.04	2.04	0.66	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:48:11	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.02	4.05	4.05	4.04	0.51	ppb
Molybdenum	95-1	9.42	9.56	9.40	9.46	0.91	ppb
Molybdenum	96-1	7.84	8.06	8.16	8.02	2.07	ppb
Molybdenum	97-1	9.57	9.72	9.54	9.61	0.99	ppb
Molybdenum	98-1	9.33	9.15	9.24	9.24	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.22	2.23	2.22	0.50	ppb
Phosphorus	31-2	21.88	30.71	21.52	24.70	21.08	ppb
Potassium	39-2	966.47	957.53	955.05	959.68	0.63	ppb
Rhodium	103-2				100		%
Rhodium	103-1				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	8.71	11.75	7.00	9.15	26.26	ppb
Selenium	78-2	11.78	8.94	10.34	10.35	13.71	ppb
Selenium	82-1	9.48	9.07	8.80	9.12	3.76	ppb
Silicon	28-1	-2.66	-0.03	-0.93	-1.20		ppb
Silver	109-1	2.21	2.29	2.32	2.27	2.55	ppb
Silver	107-1	2.30	2.28	2.29	2.29	0.27	ppb
Sodium	23-2	1039.83	1028.98	1017.86	1028.89	1.07	ppb
Strontium	86-1	1.95	1.97	2.03	1.98	2.05	ppb
Strontium	88-1	2.01	1.98	1.98	1.99	0.64	ppb
Sulfur	34-1	-1672.66	-1531.85	-1607.51	-1604.01		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	1.84	2.01	2.03	1.96	5.10	ppb
Thallium	205-1	1.96	1.93	1.96	1.95	0.91	ppb
Tin	118-1	9.91	10.00	9.79	9.90	1.07	ppb
Titanium	47-1	9.34	9.86	9.83	9.68	2.99	ppb
Uranium	238-1	1.89	1.90	1.93	1.91	1.20	ppb
Vanadium	51-2	9.56	9.54	9.85	9.65	1.81	ppb
Yttrium	89-2				100		%
Yttrium	89-1				103		%
Zinc	66-2	4.50	4.57	4.24	4.44	3.90	ppb
Zirconium	90-1	1.74	1.68	1.66	1.69	2.21	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:48:11	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.72	1.68	1.67	1.69	1.61	ppb

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : PB97517BL Instrumnet Name : P7
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 16:51:42 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.32	-0.26	0.00		ppb
Antimony	121-1	-0.09	-0.08	-0.05	-0.07		ppb
Arsenic	75-2	0.05	0.03	0.06	0.04	34.67	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	0.01	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	362.98	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	1.47	1.49	1.72	1.56	8.78	ppb
Boron	11-1	1.30	1.34	1.44	1.36	5.30	ppb
Cadmium	106-1	-0.51	-0.07	0.00	-0.19		ppb
Cadmium	108-1	0.00	0.02	0.00	0.01	141.65	ppb
Cadmium	111-1	-0.03	0.00	0.00	-0.01		ppb
Calcium	43-1	-1.73	-4.82	-4.79	-3.78		ppb
Calcium	44-1	-2.35	-1.10	-2.41	-1.95		ppb
Chromium	52-2	0.02	-0.02	-0.01	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	0.01	0.03	0.02	37.90	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				98		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	0.34	0.28	0.39	0.34	15.61	ppb
Iron	57-2	0.02	0.68	0.14	0.28	124.54	ppb
Lead	206-1	0.02	0.01	0.01	0.01	7.96	ppb
Lead	207-1	0.02	0.00	0.00	0.01	130.01	ppb
Lead	208-1	0.01	0.00	0.01	0.00	128.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.20	0.25	0.45	0.30	44.01	ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:51:42	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.07	0.05	45.86	ppb
Molybdenum	95-1	0.08	0.13	0.16	0.12	34.61	ppb
Molybdenum	96-1	0.07	0.13	0.15	0.12	35.15	ppb
Molybdenum	97-1	0.07	0.15	0.20	0.14	47.70	ppb
Molybdenum	98-1	0.09	0.14	0.18	0.14	30.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.01	129.31	ppb
Phosphorus	31-2	-21.66	-26.82	-12.58	-20.36		ppb
Potassium	39-2	-1.74	-1.39	5.93	0.94	462.83	ppb
Rhodium	103-2				99		%
Rhodium	103-1				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	-0.09	-0.09	0.19	0.00	241845.37	ppb
Selenium	78-2	0.56	-0.43	0.52	0.22	256.31	ppb
Selenium	82-1	-0.34	-1.14	0.54	-0.31		ppb
Silicon	28-1	-12.78	-12.91	-14.72	-13.47		ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.22	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.22	ppb
Sodium	23-2	17.80	18.81	18.69	18.43	3.02	ppb
Strontium	86-1	-0.06	-0.01	-0.06	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	500.77	ppb
Sulfur	34-1	-1600.28	-1699.69	-1631.49	-1643.82		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.01	0.00	0.01	127.42	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	37.27	ppb
Tin	118-1	0.01	0.03	0.04	0.03	48.14	ppb
Titanium	47-1	-0.03	0.00	0.01	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-2				99		%
Yttrium	89-1				103		%
Zinc	66-2	0.00	0.00	0.00	0.00	532.42	ppb
Zirconium	90-1	-0.01	0.01	0.02	0.01	157.80	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:51:42	DataFile Name :	021CCBE.d

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

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:55:13	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.46	38.66	37.74	39.62	6.31	ppb
Antimony	121-1	3.97	3.96	3.91	3.95	0.79	ppb
Arsenic	75-2	2.08	1.91	1.99	1.99	4.32	ppb
Barium	135-1	20.00	19.92	20.02	19.98	0.28	ppb
Barium	137-1	20.32	19.85	19.67	19.95	1.68	ppb
Beryllium	9-1	2.02	1.89	2.07	1.99	4.70	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	10.81	11.00	11.18	11.00	1.72	ppb
Boron	11-1	10.42	10.71	10.93	10.69	2.39	ppb
Cadmium	106-1	1.34	2.03	0.21	1.19	77.17	ppb
Cadmium	108-1	2.19	2.07	2.10	2.12	3.16	ppb
Cadmium	111-1	2.03	1.98	2.00	2.00	1.23	ppb
Calcium	43-1	939.60	927.10	930.13	932.28	0.70	ppb
Calcium	44-1	955.26	963.51	976.92	965.23	1.13	ppb
Chromium	52-2	4.39	4.40	4.29	4.36	1.42	ppb
Cobalt	59-2	2.08	2.04	2.05	2.06	1.12	ppb
Copper	63-2	4.16	4.32	4.32	4.26	2.11	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	460.25	459.93	455.96	458.71	0.52	ppb
Iron	57-2	467.73	466.94	456.87	463.85	1.31	ppb
Lead	206-1	2.03	2.01	1.97	2.00	1.57	ppb
Lead	207-1	1.99	1.93	1.92	1.95	2.02	ppb
Lead	208-1	1.99	1.94	1.95	1.96	1.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	1020.46	1030.29	1000.57	1017.10	1.49	ppb
Manganese	55-2	2.08	2.07	2.04	2.06	1.05	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:55:13	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.08	4.03	4.02	4.04	0.83	ppb
Molybdenum	95-1	9.75	9.64	9.44	9.61	1.64	ppb
Molybdenum	96-1	8.35	8.17	8.10	8.21	1.60	ppb
Molybdenum	97-1	9.94	9.74	9.55	9.74	1.98	ppb
Molybdenum	98-1	9.35	9.19	9.33	9.29	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	2.39	2.28	2.27	5.61	ppb
Phosphorus	31-2	32.78	35.47	12.50	26.92	46.64	ppb
Potassium	39-2	977.82	985.57	972.18	978.52	0.69	ppb
Rhodium	103-2				100		%
Rhodium	103-1				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	7.34	11.84	9.86	9.68	23.30	ppb
Selenium	78-2	9.48	8.76	11.04	9.76	11.91	ppb
Selenium	82-1	8.50	9.70	9.29	9.17	6.70	ppb
Silicon	28-1	-1.80	0.27	1.72	0.06	2783.52	ppb
Silver	109-1	2.30	2.19	2.16	2.22	3.11	ppb
Silver	107-1	2.21	2.22	2.17	2.20	1.28	ppb
Sodium	23-2	1061.08	1046.37	1027.79	1045.08	1.60	ppb
Strontium	86-1	1.99	1.90	1.93	1.94	2.48	ppb
Strontium	88-1	2.00	2.01	2.01	2.00	0.43	ppb
Sulfur	34-1	-1572.68	-1419.74	-1411.54	-1467.99		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	1.85	1.85	1.84	1.85	0.21	ppb
Thallium	205-1	1.92	1.95	1.85	1.91	2.68	ppb
Tin	118-1	10.00	9.96	9.77	9.91	1.25	ppb
Titanium	47-1	9.60	9.85	9.71	9.72	1.28	ppb
Uranium	238-1	1.90	1.93	1.89	1.91	1.15	ppb
Vanadium	51-2	9.88	9.89	9.77	9.85	0.68	ppb
Yttrium	89-2				100		%
Yttrium	89-1				103		%
Zinc	66-2	4.50	4.46	4.64	4.53	2.19	ppb
Zirconium	90-1	1.76	1.74	1.69	1.73	2.06	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:55:13	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.73	1.66	1.62	1.67	3.46	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01	Instrumnet Name :	P7
Client Sample ID :	MX2877	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:58:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	0.70	0.71	0.74	9.03	ppb
Antimony	121-1	14.72	14.17	13.53	14.14	4.19	ppb
Arsenic	75-2	11.07	10.80	11.55	11.14	3.42	ppb
Barium	135-1	51.90	51.33	50.61	51.28	1.27	ppb
Barium	137-1	52.33	52.27	52.30	52.30	0.06	ppb
Beryllium	9-1	4.38	3.91	4.14	4.14	5.70	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	1.49	0.74	1.00	1.08	35.37	ppb
Boron	11-1	1.16	0.96	1.08	1.07	9.46	ppb
Cadmium	106-1	5.70	4.48	4.32	4.83	15.61	ppb
Cadmium	108-1	6.61	7.51	6.74	6.95	6.95	ppb
Cadmium	111-1	7.31	7.27	7.37	7.31	0.68	ppb
Calcium	43-1	693.86	695.60	703.06	697.51	0.70	ppb
Calcium	44-1	712.99	719.63	728.75	720.46	1.10	ppb
Chromium	52-2	-0.02	0.00	0.02	0.00	1658.29	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	11.67	11.86	11.81	11.78	0.85	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	1.22	1.51	1.38	1.37	10.39	ppb
Iron	57-2	2.15	2.01	0.84	1.67	43.11	ppb
Lead	206-1	6.29	6.17	6.00	6.15	2.32	ppb
Lead	207-1	5.83	5.86	5.84	5.84	0.29	ppb
Lead	208-1	5.95	5.98	5.91	5.95	0.60	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.65	1.04	0.75	0.81	24.80	ppb
Manganese	55-2	15.34	15.66	15.72	15.57	1.32	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01	Instrumnet Name :	P7
Client Sample ID :	MX2877	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:58:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.08	0.05	48.31	ppb
Molybdenum	95-1	0.06	0.13	0.13	0.11	34.80	ppb
Molybdenum	96-1	0.05	0.08	0.11	0.08	36.24	ppb
Molybdenum	97-1	0.04	0.07	0.14	0.08	64.02	ppb
Molybdenum	98-1	0.07	0.14	0.17	0.12	41.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.58	7.48	7.67	7.57	1.21	ppb
Phosphorus	31-2	-23.23	-8.91	-21.39	-17.84		ppb
Potassium	39-2	450.28	450.67	453.94	451.63	0.44	ppb
Rhodium	103-2				100		%
Rhodium	103-1				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	24.49	21.07	23.98	23.18	7.96	ppb
Selenium	78-2	26.08	26.91	22.32	25.10	9.73	ppb
Selenium	82-1	24.77	24.79	24.84	24.80	0.15	ppb
Silicon	28-1	-15.08	-14.77	-12.37	-14.07		ppb
Silver	109-1	11.69	11.80	11.58	11.69	0.96	ppb
Silver	107-1	11.68	11.60	11.58	11.62	0.46	ppb
Sodium	23-2	794.10	808.07	798.23	800.13	0.90	ppb
Strontium	86-1	-0.02	-0.01	-0.11	-0.05		ppb
Strontium	88-1	0.03	0.02	0.03	0.02	6.59	ppb
Sulfur	34-1	-1856.31	-1679.14	-1551.83	-1695.76		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	4.78	5.03	4.88	4.89	2.61	ppb
Thallium	205-1	5.01	4.99	5.05	5.02	0.62	ppb
Tin	118-1	0.04	0.05	0.05	0.05	11.52	ppb
Titanium	47-1	-0.04	0.00	0.01	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	410.68	ppb
Yttrium	89-2				100		%
Yttrium	89-1				103		%
Zinc	66-2	21.63	21.64	21.30	21.52	0.92	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	51.27	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01	Instrumnet Name :	P7
Client Sample ID :	MX2877	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:58:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.00	0.00	3056.42	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-02	Instrumnet Name :	P7
Client Sample ID :	MX2877D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:02:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.52	0.95	0.64	42.43	ppb
Antimony	121-1	15.41	15.10	15.04	15.18	1.31	ppb
Arsenic	75-2	11.17	11.33	10.89	11.13	2.03	ppb
Barium	135-1	50.41	51.44	52.03	51.30	1.60	ppb
Barium	137-1	52.78	51.89	52.65	52.44	0.91	ppb
Beryllium	9-1	4.29	4.14	4.10	4.18	2.35	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	1.01	0.67	1.18	0.95	27.49	ppb
Boron	11-1	0.97	0.88	0.84	0.90	7.32	ppb
Cadmium	106-1	6.31	4.87	5.57	5.58	12.86	ppb
Cadmium	108-1	6.85	6.42	6.35	6.54	4.08	ppb
Cadmium	111-1	7.54	7.37	7.37	7.43	1.34	ppb
Calcium	43-1	710.56	711.05	702.76	708.12	0.66	ppb
Calcium	44-1	730.91	726.04	723.99	726.98	0.49	ppb
Chromium	52-2	0.01	-0.01	-0.01	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	11.71	11.87	12.04	11.88	1.38	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	1.26	1.29	1.30	1.29	1.95	ppb
Iron	57-2	0.95	1.71	1.51	1.39	28.19	ppb
Lead	206-1	5.94	6.20	6.25	6.13	2.69	ppb
Lead	207-1	5.90	5.98	5.88	5.92	0.82	ppb
Lead	208-1	5.89	6.01	6.01	5.97	1.18	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.94	0.86	1.14	0.98	14.89	ppb
Manganese	55-2	15.42	15.82	15.46	15.56	1.41	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-02	Instrumnet Name :	P7
Client Sample ID :	MX2877D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:02:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.02	0.02	0.01	205.09	ppb
Molybdenum	95-1	0.02	0.07	0.09	0.06	64.02	ppb
Molybdenum	96-1	-0.01	0.03	0.06	0.03	122.77	ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	19.70	ppb
Molybdenum	98-1	0.04	0.03	0.09	0.05	60.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.61	7.47	7.52	7.54	0.92	ppb
Phosphorus	31-2	-13.65	-21.29	-12.36	-15.77		ppb
Potassium	39-2	460.34	459.27	452.84	457.48	0.89	ppb
Rhodium	103-2				99		%
Rhodium	103-1				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	26.10	19.24	22.10	22.48	15.33	ppb
Selenium	78-2	28.54	23.40	24.39	25.45	10.72	ppb
Selenium	82-1	25.52	25.37	25.09	25.33	0.86	ppb
Silicon	28-1	-11.08	-11.35	-11.70	-11.37		ppb
Silver	109-1	11.94	11.49	11.82	11.75	1.95	ppb
Silver	107-1	11.73	11.48	11.65	11.62	1.09	ppb
Sodium	23-2	798.82	805.72	807.65	804.06	0.58	ppb
Strontium	86-1	-0.01	-0.08	-0.08	-0.06		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	17.92	ppb
Sulfur	34-1	-1428.46	-1483.17	-1471.69	-1461.11		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	4.72	4.84	4.94	4.83	2.26	ppb
Thallium	205-1	4.94	5.04	4.98	4.99	0.94	ppb
Tin	118-1	0.01	0.01	0.04	0.02	70.37	ppb
Titanium	47-1	0.00	-0.04	-0.06	-0.04		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	203.61	ppb
Yttrium	89-2				100		%
Yttrium	89-1				102		%
Zinc	66-2	21.62	20.94	20.97	21.18	1.81	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-02	Instrumnet Name :	P7
Client Sample ID :	MX2877D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:02:15	DataFile Name :	024SMPL.d

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

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01LX5	Instrumnet Name :	P7
Client Sample ID :	MX2877L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:05:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.06	0.00	-0.04		ppb
Antimony	121-1	3.05	3.07	3.05	3.06	0.52	ppb
Arsenic	75-2	2.29	2.12	2.43	2.28	6.75	ppb
Barium	135-1	10.32	10.23	10.40	10.32	0.81	ppb
Barium	137-1	10.69	10.64	10.52	10.61	0.83	ppb
Beryllium	9-1	0.84	0.86	0.80	0.83	3.78	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	0.48	0.76	0.39	0.55	35.15	ppb
Boron	11-1	0.48	0.71	0.47	0.56	24.33	ppb
Cadmium	106-1	1.51	0.52	1.74	1.25	51.76	ppb
Cadmium	108-1	1.41	1.06	1.27	1.25	14.08	ppb
Cadmium	111-1	1.57	1.51	1.64	1.57	4.19	ppb
Calcium	43-1	144.51	149.93	146.51	146.98	1.87	ppb
Calcium	44-1	146.64	151.13	147.62	148.46	1.59	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	2.39	2.44	2.34	2.39	2.01	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				98		%
Holmium	165-1				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	0.54	0.50	0.53	0.52	3.70	ppb
Iron	57-2	0.47	0.75	1.12	0.78	41.90	ppb
Lead	206-1	1.25	1.24	1.27	1.25	1.19	ppb
Lead	207-1	1.23	1.16	1.29	1.22	5.23	ppb
Lead	208-1	1.24	1.19	1.24	1.23	2.36	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.56	0.86	0.78	0.73	21.47	ppb
Manganese	55-2	3.24	3.05	3.23	3.17	3.23	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01LX5	Instrumnet Name :	P7
Client Sample ID :	MX2877L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:05:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.01	0.01	0.00	315.81	ppb
Molybdenum	95-1	0.02	0.04	0.05	0.04	37.10	ppb
Molybdenum	96-1	0.00	0.02	0.06	0.03	114.61	ppb
Molybdenum	97-1	-0.01	0.03	0.03	0.02	116.76	ppb
Molybdenum	98-1	0.00	0.04	0.06	0.03	101.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.53	1.53	1.58	1.55	1.68	ppb
Phosphorus	31-2	-9.10	0.91	-12.37	-6.85		ppb
Potassium	39-2	93.58	91.28	99.27	94.71	4.34	ppb
Rhodium	103-2				99		%
Rhodium	103-1				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	6.83	5.09	8.48	6.80	24.94	ppb
Selenium	78-2	4.36	5.99	6.04	5.46	17.50	ppb
Selenium	82-1	5.03	4.66	4.33	4.67	7.48	ppb
Silicon	28-1	-13.51	-10.99	-9.51	-11.34		ppb
Silver	109-1	2.38	2.37	2.37	2.37	0.31	ppb
Silver	107-1	2.35	2.27	2.36	2.32	2.12	ppb
Sodium	23-2	173.38	174.30	172.58	173.42	0.50	ppb
Strontium	86-1	-0.03	-0.01	-0.05	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.81	ppb
Sulfur	34-1	-1324.10	-1229.37	-1158.00	-1237.16		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	1.00	0.97	0.95	0.97	2.76	ppb
Thallium	205-1	1.00	0.99	1.01	1.00	1.22	ppb
Tin	118-1	0.01	0.03	0.04	0.03	49.84	ppb
Titanium	47-1	-0.03	-0.01	-0.02	-0.02		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-2				99		%
Yttrium	89-1				102		%
Zinc	66-2	4.17	4.46	4.44	4.36	3.71	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01LX5	Instrumnet Name :	P7
Client Sample ID :	MX2877L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:05:46	DataFile Name :	025SMPL.d

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

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-03	Instrumnet Name :	P7
Client Sample ID :	MX2877S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:09:18	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1981.36	1951.04	1959.10	1963.83	0.80	ppb
Antimony	121-1	124.24	123.10	121.03	122.79	1.33	ppb
Arsenic	75-2	51.53	51.58	51.85	51.65	0.34	ppb
Barium	135-1	2162.89	2200.13	2150.73	2171.25	1.19	ppb
Barium	137-1	2170.01	2208.45	2171.53	2183.33	1.00	ppb
Beryllium	9-1	54.84	55.68	54.94	55.15	0.83	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	0.58	0.23	0.56	0.46	42.81	ppb
Boron	11-1	0.56	0.71	0.65	0.64	11.41	ppb
Cadmium	106-1	52.11	50.16	49.82	50.70	2.44	ppb
Cadmium	108-1	54.73	54.78	53.72	54.41	1.10	ppb
Cadmium	111-1	62.31	62.15	60.59	61.68	1.54	ppb
Calcium	43-1	671.34	712.26	686.77	690.12	2.99	ppb
Calcium	44-1	727.80	718.97	732.26	726.34	0.93	ppb
Chromium	52-2	207.46	206.06	206.72	206.75	0.34	ppb
Cobalt	59-2	525.04	526.11	528.08	526.41	0.29	ppb
Copper	63-2	279.11	277.77	276.59	277.82	0.45	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				98		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	990.56	980.54	984.30	985.14	0.51	ppb
Iron	57-2	994.72	983.29	1004.90	994.30	1.09	ppb
Lead	206-1	26.14	26.04	26.47	26.22	0.87	ppb
Lead	207-1	25.52	25.51	25.57	25.54	0.12	ppb
Lead	208-1	25.76	25.70	25.80	25.76	0.19	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.76	0.77	0.92	0.81	10.83	ppb
Manganese	55-2	535.17	527.28	532.54	531.66	0.76	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-03	Instrumnet Name :	P7
Client Sample ID :	MX2877S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:09:18	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	27.80	ppb
Molybdenum	95-1	0.08	0.10	0.11	0.10	18.44	ppb
Molybdenum	96-1	0.06	0.09	0.11	0.08	27.78	ppb
Molybdenum	97-1	0.07	0.10	0.12	0.09	28.90	ppb
Molybdenum	98-1	0.06	0.09	0.12	0.09	35.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.70	541.29	542.64	541.88	0.13	ppb
Phosphorus	31-2	1.23	-14.16	-4.81	-5.91		ppb
Potassium	39-2	466.26	462.03	468.44	465.58	0.70	ppb
Rhodium	103-2				99		%
Rhodium	103-1				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	121.38	127.67	124.13	124.39	2.53	ppb
Selenium	78-2	128.79	131.01	129.00	129.60	0.95	ppb
Selenium	82-1	128.50	125.45	126.30	126.75	1.24	ppb
Silicon	28-1	-5.54	-8.87	-6.23	-6.88		ppb
Silver	109-1	61.80	60.28	60.25	60.78	1.46	ppb
Silver	107-1	60.83	60.07	60.27	60.39	0.66	ppb
Sodium	23-2	804.24	795.23	806.17	801.88	0.73	ppb
Strontium	86-1	0.02	-0.01	0.04	0.02	141.11	ppb
Strontium	88-1	0.06	0.06	0.06	0.06	3.29	ppb
Sulfur	34-1	-1512.78	-1870.97	-1806.59	-1730.11		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	53.29	52.17	52.67	52.71	1.06	ppb
Thallium	205-1	53.82	53.69	54.39	53.96	0.69	ppb
Tin	118-1	0.01	0.02	0.02	0.02	35.37	ppb
Titanium	47-1	-0.03	0.03	0.03	0.01	311.68	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	511.60	504.65	508.31	508.19	0.68	ppb
Yttrium	89-2				99		%
Yttrium	89-1				101		%
Zinc	66-2	553.51	550.56	546.54	550.20	0.64	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	62.79	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-03	Instrumnet Name :	P7
Client Sample ID :	MX2877S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:09:18	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.01	79.80	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:13:31	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	217.04	219.86	229.92	222.27	3.05	ppb
Antimony	121-1	17.63	17.57	17.62	17.61	0.18	ppb
Arsenic	75-2	16.82	16.87	16.39	16.69	1.57	ppb
Barium	135-1	49.82	50.23	49.29	49.78	0.94	ppb
Barium	137-1	51.15	50.73	51.32	51.06	0.59	ppb
Beryllium	9-1	5.59	5.44	5.97	5.67	4.82	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	1.55	1.42	1.62	1.53	6.48	ppb
Boron	11-1	1.31	1.68	1.46	1.48	12.74	ppb
Cadmium	106-1	6.23	8.06	7.31	7.20	12.76	ppb
Cadmium	108-1	8.39	7.49	9.05	8.31	9.42	ppb
Cadmium	111-1	9.80	9.69	9.82	9.77	0.71	ppb
Calcium	43-1	211.71	213.71	215.97	213.80	1.00	ppb
Calcium	44-1	210.53	211.11	215.05	212.23	1.16	ppb
Chromium	52-2	13.50	13.29	13.62	13.47	1.23	ppb
Cobalt	59-2	4.01	4.04	4.09	4.05	1.02	ppb
Copper	63-2	11.61	11.60	11.95	11.72	1.68	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	208.02	211.63	212.38	210.68	1.11	ppb
Iron	57-2	208.71	210.34	211.50	210.18	0.67	ppb
Lead	206-1	4.46	4.44	4.60	4.50	1.94	ppb
Lead	207-1	4.33	4.11	4.34	4.26	3.09	ppb
Lead	208-1	4.40	4.28	4.45	4.38	2.04	ppb
Lithium	6-1				95		%
Magnesium	24-2	71.05	70.70	70.81	70.85	0.25	ppb
Manganese	55-2	8.76	8.91	8.59	8.75	1.83	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:13:31	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.49	0.43	0.45	6.64	ppb
Molybdenum	95-1	0.03	0.08	0.08	0.07	40.88	ppb
Molybdenum	96-1	0.16	0.17	0.16	0.16	2.18	ppb
Molybdenum	97-1	0.06	0.07	0.09	0.07	21.97	ppb
Molybdenum	98-1	0.04	0.07	0.09	0.06	40.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.18	8.22	8.31	8.24	0.84	ppb
Phosphorus	31-2	-21.09	-18.35	-8.89	-16.11		ppb
Potassium	39-2	97.39	97.16	101.41	98.65	2.42	ppb
Rhodium	103-2				99		%
Rhodium	103-1				101		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	18.87	18.35	19.37	18.86	2.69	ppb
Selenium	78-2	21.36	21.51	22.08	21.65	1.75	ppb
Selenium	82-1	20.83	20.99	19.95	20.59	2.71	ppb
Silicon	28-1	283.35	283.21	280.23	282.26	0.62	ppb
Silver	109-1	7.96	7.97	8.03	7.98	0.46	ppb
Silver	107-1	7.94	8.00	8.12	8.02	1.14	ppb
Sodium	23-2	80.20	78.32	81.47	79.99	1.98	ppb
Strontium	86-1	1.98	1.97	1.83	1.93	4.36	ppb
Strontium	88-1	1.90	1.94	1.89	1.91	1.55	ppb
Sulfur	34-1	-2046.21	-2137.69	-2363.39	-2182.43		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	5.48	5.27	5.53	5.42	2.54	ppb
Thallium	205-1	5.67	5.47	5.69	5.61	2.15	ppb
Tin	118-1	0.10	0.13	0.15	0.13	22.83	ppb
Titanium	47-1	2.44	2.43	2.24	2.37	4.63	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.04	ppb
Vanadium	51-2	23.74	23.27	23.64	23.55	1.03	ppb
Yttrium	89-2				98		%
Yttrium	89-1				102		%
Zinc	66-2	19.04	18.75	19.65	19.15	2.38	ppb
Zirconium	90-1	0.66	0.66	0.61	0.64	4.90	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:13:31	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.63	0.66	0.61	0.63	3.86	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:17:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	224.17	218.04	218.65	220.29	1.53	ppb
Antimony	121-1	17.66	17.21	17.16	17.34	1.58	ppb
Arsenic	75-2	17.00	17.27	16.50	16.92	2.30	ppb
Barium	135-1	49.82	49.89	48.91	49.54	1.10	ppb
Barium	137-1	51.41	51.29	51.42	51.38	0.14	ppb
Beryllium	9-1	5.64	5.32	5.16	5.37	4.58	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	1.75	1.57	1.89	1.74	9.47	ppb
Boron	11-1	1.58	1.55	1.50	1.54	2.74	ppb
Cadmium	106-1	7.70	8.54	6.71	7.65	11.93	ppb
Cadmium	108-1	8.55	8.81	8.88	8.74	1.97	ppb
Cadmium	111-1	9.82	9.45	9.73	9.67	1.99	ppb
Calcium	43-1	214.15	204.83	219.06	212.68	3.40	ppb
Calcium	44-1	219.60	212.50	213.84	215.31	1.75	ppb
Chromium	52-2	13.66	13.47	13.75	13.63	1.07	ppb
Cobalt	59-2	4.19	4.08	4.14	4.14	1.26	ppb
Copper	63-2	11.70	11.76	11.88	11.78	0.80	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	213.81	212.29	213.13	213.08	0.36	ppb
Iron	57-2	210.95	212.23	214.01	212.40	0.72	ppb
Lead	206-1	4.42	4.42	4.41	4.42	0.11	ppb
Lead	207-1	4.26	4.29	4.19	4.25	1.20	ppb
Lead	208-1	4.31	4.26	4.30	4.29	0.56	ppb
Lithium	6-1				97		%
Magnesium	24-2	70.59	72.05	73.99	72.21	2.36	ppb
Manganese	55-2	8.99	8.89	8.79	8.89	1.15	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:17:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.48	0.45	0.50	0.47	5.74	ppb
Molybdenum	95-1	0.04	0.04	0.07	0.05	36.38	ppb
Molybdenum	96-1	0.15	0.14	0.15	0.15	4.87	ppb
Molybdenum	97-1	0.02	0.04	0.04	0.03	26.92	ppb
Molybdenum	98-1	0.03	0.06	0.06	0.05	33.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.56	8.20	8.47	8.41	2.21	ppb
Phosphorus	31-2	-1.08	-19.63	-21.04	-13.92		ppb
Potassium	39-2	90.26	92.87	99.22	94.11	4.90	ppb
Rhodium	103-2				98		%
Rhodium	103-1				102		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	19.33	19.16	23.77	20.76	12.58	ppb
Selenium	78-2	23.30	19.98	21.68	21.65	7.66	ppb
Selenium	82-1	20.81	19.16	20.98	20.32	4.94	ppb
Silicon	28-1	284.93	275.90	279.91	280.25	1.61	ppb
Silver	109-1	8.06	8.04	7.96	8.02	0.65	ppb
Silver	107-1	8.16	8.04	8.09	8.10	0.75	ppb
Sodium	23-2	77.84	77.37	76.19	77.13	1.10	ppb
Strontium	86-1	1.85	1.79	1.92	1.85	3.31	ppb
Strontium	88-1	1.89	1.90	1.92	1.90	0.60	ppb
Sulfur	34-1	-2364.28	-2566.92	-2473.44	-2468.22		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	5.34	5.33	5.52	5.39	1.95	ppb
Thallium	205-1	5.55	5.43	5.51	5.50	1.11	ppb
Tin	118-1	0.11	0.11	0.12	0.12	4.31	ppb
Titanium	47-1	2.25	2.53	2.60	2.46	7.53	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	9.95	ppb
Vanadium	51-2	23.77	23.82	23.82	23.80	0.12	ppb
Yttrium	89-2				96		%
Yttrium	89-1				103		%
Zinc	66-2	19.78	20.37	20.44	20.20	1.81	ppb
Zirconium	90-1	0.68	0.66	0.66	0.67	1.80	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:17:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.71	0.67	0.70	0.69	3.15	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13LX5	Instrumnet Name :	P7
Client Sample ID :	MX2881L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:20:31	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.20	43.67	41.99	44.29	6.00	ppb
Antimony	121-1	3.43	3.47	3.29	3.40	2.73	ppb
Arsenic	75-2	3.40	3.39	3.59	3.46	3.17	ppb
Barium	135-1	10.02	9.97	9.80	9.93	1.18	ppb
Barium	137-1	10.47	10.15	9.95	10.19	2.57	ppb
Beryllium	9-1	0.98	1.09	0.99	1.02	5.63	ppb
Bismuth	209-2				96		%
Bismuth	209-1				99		%
Boron	10-1	0.15	0.61	0.50	0.42	56.86	ppb
Boron	11-1	0.45	0.59	0.41	0.48	19.45	ppb
Cadmium	111-1	1.85	2.00	1.93	1.92	3.86	ppb
Cadmium	106-1	0.30	1.81	0.71	0.94	82.92	ppb
Cadmium	108-1	1.75	1.43	1.46	1.54	11.49	ppb
Calcium	43-1	38.14	35.06	36.98	36.73	4.24	ppb
Calcium	44-1	40.66	40.62	40.26	40.51	0.55	ppb
Chromium	52-2	2.82	2.71	2.71	2.75	2.45	ppb
Cobalt	59-2	0.85	0.85	0.82	0.84	1.86	ppb
Copper	63-2	2.59	2.61	2.63	2.61	0.80	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-2				97		%
Indium	115-1				103		%
Iron	56-2	43.17	42.91	42.54	42.87	0.74	ppb
Iron	57-2	39.75	44.53	43.70	42.66	5.98	ppb
Lead	206-1	0.99	1.03	1.04	1.02	2.21	ppb
Lead	207-1	0.95	0.92	0.94	0.94	1.43	ppb
Lead	208-1	0.97	0.98	0.96	0.97	0.99	ppb
Lithium	6-1				97		%
Magnesium	24-2	15.63	14.32	15.44	15.13	4.67	ppb
Manganese	55-2	1.70	1.77	1.70	1.72	2.36	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13LX5	Instrumnet Name :	P7
Client Sample ID :	MX2881L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:20:31	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	0.00	0.02	0.02	0.01	57.75	ppb
Molybdenum	97-1	0.00	0.01	0.05	0.02	134.62	ppb
Molybdenum	98-1	0.00	0.01	0.04	0.01	155.54	ppb
Molybdenum	94-1	0.07	0.08	0.07	0.07	11.47	ppb
Molybdenum	95-1	-0.01	0.00	0.03	0.00	741.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.67	1.60	1.61	3.30	ppb
Phosphorus	31-2	-18.62	-24.38	0.62	-14.13		ppb
Potassium	39-2	21.72	19.72	14.07	18.51	21.44	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	3.25	3.95	3.65	3.61	9.76	ppb
Selenium	77-2	4.88	3.39	4.57	4.28	18.45	ppb
Selenium	78-2	3.57	4.41	2.89	3.62	21.05	ppb
Silicon	28-1	40.93	42.04	40.74	41.24	1.70	ppb
Silver	109-1	1.69	1.59	1.59	1.62	3.73	ppb
Silver	107-1	1.67	1.60	1.60	1.62	2.33	ppb
Sodium	23-2	26.45	26.12	25.43	26.00	2.01	ppb
Strontium	86-1	0.30	0.22	0.30	0.27	16.91	ppb
Strontium	88-1	0.38	0.38	0.37	0.38	0.75	ppb
Sulfur	34-1	-2281.62	-2355.42	-2368.01	-2335.02		ppb
Terbium	159-2				100		%
Terbium	159-1				101		%
Thallium	203-1	1.07	1.04	1.06	1.06	1.75	ppb
Thallium	205-1	1.10	1.09	1.04	1.08	2.84	ppb
Tin	118-1	0.04	0.03	0.04	0.04	23.46	ppb
Titanium	47-1	0.43	0.33	0.52	0.43	22.69	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	4.79	4.66	4.81	4.75	1.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	3.83	3.94	3.89	3.89	1.30	ppb
Zirconium	90-1	0.14	0.13	0.13	0.13	2.81	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13LX5	Instrumnet Name :	P7
Client Sample ID :	MX2881L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:20:31	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.10	0.12	0.11	5.10	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13RE	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:24:57	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	219.03	220.80	221.60	220.48	0.60	ppb
Antimony	121-1	17.32	17.11	17.37	17.27	0.80	ppb
Arsenic	75-2	16.81	16.51	16.80	16.71	1.00	ppb
Barium	135-1	49.88	49.96	49.60	49.81	0.38	ppb
Barium	137-1	51.65	51.16	50.34	51.05	1.29	ppb
Beryllium	9-1	5.58	5.43	5.70	5.57	2.40	ppb
Bismuth	209-2				95		%
Bismuth	209-1				99		%
Boron	10-1	1.73	1.20	1.64	1.53	18.53	ppb
Boron	11-1	1.09	1.27	1.12	1.16	8.20	ppb
Cadmium	111-1	9.95	9.64	9.44	9.68	2.63	ppb
Cadmium	106-1	8.43	7.30	6.93	7.55	10.35	ppb
Cadmium	108-1	8.50	9.23	8.35	8.69	5.41	ppb
Calcium	43-1	207.85	213.97	194.68	205.50	4.80	ppb
Calcium	44-1	213.48	215.73	212.59	213.93	0.76	ppb
Chromium	52-2	13.47	13.66	13.99	13.70	1.93	ppb
Cobalt	59-2	4.12	4.04	4.08	4.08	0.98	ppb
Copper	63-2	11.63	11.72	12.02	11.79	1.73	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-2				96		%
Indium	115-1				103		%
Iron	56-2	211.85	214.14	216.24	214.08	1.03	ppb
Iron	57-2	217.64	221.87	209.95	216.49	2.79	ppb
Lead	206-1	4.35	4.42	4.35	4.37	0.94	ppb
Lead	207-1	4.16	4.14	4.17	4.16	0.35	ppb
Lead	208-1	4.27	4.23	4.25	4.25	0.48	ppb
Lithium	6-1				97		%
Magnesium	24-2	70.35	73.68	72.85	72.29	2.40	ppb
Manganese	55-2	8.79	8.82	8.81	8.81	0.17	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13RE	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:24:57	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.47	0.47	0.47	0.43	ppb
Molybdenum	95-1	0.02	0.06	0.07	0.05	45.54	ppb
Molybdenum	96-1	0.14	0.11	0.18	0.14	22.69	ppb
Molybdenum	97-1	0.03	0.05	0.06	0.05	31.55	ppb
Molybdenum	98-1	0.03	0.06	0.05	0.04	34.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.18	8.01	8.40	8.20	2.40	ppb
Phosphorus	31-2	4.85	-5.84	-20.26	-7.08		ppb
Potassium	39-2	97.04	93.64	97.23	95.97	2.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	19.18	20.28	19.23	19.56	3.20	ppb
Selenium	77-2	23.55	20.10	24.38	22.68	10.00	ppb
Selenium	78-2	19.92	21.25	19.84	20.34	3.92	ppb
Silicon	28-1	279.64	285.22	274.84	279.90	1.86	ppb
Silver	109-1	7.97	8.07	7.94	8.00	0.88	ppb
Silver	107-1	7.83	7.79	7.91	7.84	0.83	ppb
Sodium	23-2	69.99	70.83	73.49	71.44	2.56	ppb
Strontium	86-1	1.86	1.86	1.75	1.82	3.58	ppb
Strontium	88-1	1.92	1.89	1.86	1.89	1.60	ppb
Sulfur	34-1	-2437.90	-2146.97	-2356.85	-2313.90		ppb
Terbium	159-2				98		%
Terbium	159-1				100		%
Thallium	203-1	5.30	5.19	5.27	5.26	1.09	ppb
Thallium	205-1	5.47	5.50	5.35	5.44	1.46	ppb
Tin	118-1	0.10	0.10	0.12	0.10	9.58	ppb
Titanium	47-1	2.26	2.55	2.47	2.42	6.27	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	5.00	ppb
Vanadium	51-2	23.53	23.55	23.94	23.67	0.99	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	18.85	19.24	19.48	19.19	1.66	ppb
Zirconium	90-1	0.69	0.66	0.64	0.66	3.69	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13RE	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:24:57	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.69	0.72	0.69	0.70	2.50	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14RE	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:28:27	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	218.68	216.19	218.06	217.64	0.60	ppb
Antimony	121-1	17.08	16.80	16.73	16.87	1.09	ppb
Arsenic	75-2	16.60	16.85	16.19	16.55	2.02	ppb
Barium	135-1	49.84	49.62	48.83	49.43	1.08	ppb
Barium	137-1	50.86	49.85	50.07	50.26	1.06	ppb
Beryllium	9-1	5.50	5.50	5.67	5.56	1.75	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	1.57	1.57	1.96	1.70	13.22	ppb
Boron	11-1	1.23	1.30	1.16	1.23	5.52	ppb
Cadmium	106-1	6.07	8.31	7.34	7.24	15.50	ppb
Cadmium	108-1	8.42	8.17	7.83	8.14	3.61	ppb
Cadmium	111-1	9.55	9.65	9.80	9.67	1.28	ppb
Calcium	43-1	204.43	210.71	216.73	210.62	2.92	ppb
Calcium	44-1	210.69	211.07	213.10	211.62	0.61	ppb
Chromium	52-2	13.42	13.35	13.68	13.48	1.27	ppb
Cobalt	59-2	4.08	4.06	4.07	4.07	0.18	ppb
Copper	63-2	11.59	11.75	11.49	11.61	1.11	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				98		%
Holmium	165-1				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	210.14	212.21	211.21	211.19	0.49	ppb
Iron	57-2	205.66	214.85	211.16	210.56	2.20	ppb
Lead	206-1	4.52	4.43	4.27	4.40	2.86	ppb
Lead	207-1	4.26	4.10	4.20	4.19	1.99	ppb
Lead	208-1	4.31	4.22	4.22	4.25	1.29	ppb
Lithium	6-1				97		%
Magnesium	24-2	69.96	72.36	73.04	71.79	2.25	ppb
Manganese	55-2	8.87	8.74	9.01	8.87	1.50	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14RE	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:28:27	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.46	0.49	0.47	2.70	ppb
Molybdenum	95-1	0.01	0.01	0.03	0.02	60.35	ppb
Molybdenum	96-1	0.11	0.12	0.12	0.12	6.68	ppb
Molybdenum	97-1	0.04	0.04	0.07	0.05	34.66	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	18.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.36	8.14	8.49	8.33	2.12	ppb
Phosphorus	31-2	-15.65	-19.95	-35.09	-23.57		ppb
Potassium	39-2	87.83	85.00	87.47	86.77	1.78	ppb
Rhodium	103-2				98		%
Rhodium	103-1				102		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	19.16	21.13	18.85	19.71	6.28	ppb
Selenium	78-2	20.78	17.90	20.16	19.61	7.71	ppb
Selenium	82-1	20.45	18.76	20.56	19.92	5.06	ppb
Silicon	28-1	275.43	270.77	276.16	274.12	1.07	ppb
Silver	109-1	7.80	7.72	7.70	7.74	0.72	ppb
Silver	107-1	7.69	7.77	7.63	7.70	0.91	ppb
Sodium	23-2	67.49	67.50	68.54	67.84	0.89	ppb
Strontium	86-1	1.79	1.75	1.76	1.77	1.38	ppb
Strontium	88-1	1.88	1.82	1.87	1.86	1.57	ppb
Sulfur	34-1	-2463.60	-2458.43	-2380.92	-2434.31		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	5.33	5.37	5.29	5.33	0.78	ppb
Thallium	205-1	5.39	5.46	5.43	5.43	0.69	ppb
Tin	118-1	0.09	0.10	0.14	0.11	21.23	ppb
Titanium	47-1	2.34	2.12	2.32	2.26	5.37	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	9.86	ppb
Vanadium	51-2	23.12	23.54	23.27	23.31	0.90	ppb
Yttrium	89-2				96		%
Yttrium	89-1				102		%
Zinc	66-2	20.21	20.03	19.69	19.98	1.32	ppb
Zirconium	90-1	0.69	0.67	0.66	0.67	2.49	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14RE	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:28:27	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.67	0.62	0.68	0.66	4.46	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-15	Instrumnet Name :	P7
Client Sample ID :	MX2881S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:31:57	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	604.13	604.52	601.23	603.29	0.30	ppb
Antimony	121-1	38.09	38.45	38.65	38.40	0.74	ppb
Arsenic	75-2	25.13	24.95	24.02	24.70	2.41	ppb
Barium	135-1	455.58	455.27	460.57	457.14	0.65	ppb
Barium	137-1	465.29	461.68	471.79	466.26	1.10	ppb
Beryllium	9-1	15.77	15.55	15.59	15.64	0.75	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	1.88	1.96	1.17	1.67	26.16	ppb
Boron	11-1	1.27	1.08	1.72	1.36	24.49	ppb
Cadmium	106-1	15.39	15.41	18.66	16.49	11.45	ppb
Cadmium	108-1	18.28	17.85	18.42	18.18	1.65	ppb
Cadmium	111-1	19.97	20.05	20.25	20.09	0.72	ppb
Calcium	43-1	207.96	205.03	206.61	206.53	0.71	ppb
Calcium	44-1	212.96	216.97	214.41	214.78	0.95	ppb
Chromium	52-2	55.72	55.63	55.67	55.67	0.08	ppb
Cobalt	59-2	111.54	111.43	112.84	111.94	0.71	ppb
Copper	63-2	65.89	66.86	66.38	66.38	0.73	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				98		%
Holmium	165-1				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	407.43	407.53	411.38	408.78	0.55	ppb
Iron	57-2	414.33	417.64	415.67	415.88	0.40	ppb
Lead	206-1	8.40	8.27	8.42	8.36	1.00	ppb
Lead	207-1	8.05	7.81	8.08	7.98	1.88	ppb
Lead	208-1	8.13	8.06	8.19	8.13	0.83	ppb
Lithium	6-1				95		%
Magnesium	24-2	68.32	72.18	70.07	70.19	2.75	ppb
Manganese	55-2	111.62	111.81	112.76	112.06	0.55	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-15	Instrumnet Name :	P7
Client Sample ID :	MX2881S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:31:57	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.47	0.48	0.47	1.79	ppb
Molybdenum	95-1	0.03	0.05	0.06	0.05	36.98	ppb
Molybdenum	96-1	0.15	0.16	0.18	0.16	7.46	ppb
Molybdenum	97-1	0.07	0.06	0.07	0.06	5.55	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.05	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.54	118.27	119.13	118.65	0.37	ppb
Phosphorus	31-2	-6.02	6.42	2.07	0.82	768.88	ppb
Potassium	39-2	83.94	81.80	85.39	83.71	2.16	ppb
Rhodium	103-2				97		%
Rhodium	103-1				101		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	39.81	37.31	41.42	39.51	5.23	ppb
Selenium	78-2	41.19	41.90	39.98	41.02	2.37	ppb
Selenium	82-1	40.73	39.26	39.38	39.79	2.05	ppb
Silicon	28-1	276.88	275.87	268.30	273.68	1.71	ppb
Silver	109-1	17.35	17.25	17.57	17.39	0.96	ppb
Silver	107-1	17.21	17.39	17.72	17.44	1.46	ppb
Sodium	23-2	63.74	65.30	65.56	64.87	1.52	ppb
Strontium	86-1	1.92	1.77	1.80	1.83	4.32	ppb
Strontium	88-1	1.91	1.90	1.85	1.89	1.93	ppb
Sulfur	34-1	-2264.48	-2196.02	-2524.27	-2328.25		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	14.87	14.70	14.83	14.80	0.59	ppb
Thallium	205-1	15.30	14.95	15.19	15.15	1.15	ppb
Tin	118-1	0.10	0.14	0.13	0.12	15.88	ppb
Titanium	47-1	2.54	2.28	2.28	2.37	6.23	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	0.83	ppb
Vanadium	51-2	125.98	126.95	125.73	126.22	0.51	ppb
Yttrium	89-2				95		%
Yttrium	89-1				101		%
Zinc	66-2	128.72	129.93	129.64	129.43	0.49	ppb
Zirconium	90-1	0.68	0.68	0.68	0.68	0.59	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-15	Instrumnet Name :	P7
Client Sample ID :	MX2881S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:31:57	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.62	0.61	0.63	0.62	1.29	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:36:00	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9717.16	9695.62	9600.15	9670.98	0.64	ppb
Antimony	121-1	496.24	492.49	486.93	491.89	0.95	ppb
Arsenic	75-2	506.68	507.76	504.72	506.39	0.30	ppb
Barium	135-1	2526.40	2527.82	2527.23	2527.15	0.03	ppb
Barium	137-1	2541.38	2551.69	2554.94	2549.34	0.28	ppb
Beryllium	9-1	511.62	508.04	507.43	509.03	0.44	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	488.07	489.91	507.66	495.21	2.18	ppb
Boron	11-1	489.92	494.63	502.83	495.79	1.32	ppb
Cadmium	111-1	510.38	515.83	509.25	511.82	0.69	ppb
Cadmium	106-1	520.65	511.90	507.94	513.50	1.27	ppb
Cadmium	108-1	512.02	510.45	513.46	511.98	0.29	ppb
Calcium	43-1	47448.32	47892.73	47933.80	47758.29	0.56	ppb
Calcium	44-1	49555.64	49822.03	50077.39	49818.36	0.52	ppb
Chromium	52-2	515.02	517.05	510.11	514.06	0.69	ppb
Cobalt	59-2	516.39	517.50	515.01	516.30	0.24	ppb
Copper	63-2	1027.61	1031.46	1019.61	1026.23	0.59	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-2				95		%
Indium	115-1				100		%
Iron	56-2	25300.13	25058.25	24719.06	25025.82	1.17	ppb
Iron	57-2	24589.54	24589.03	24265.39	24481.32	0.76	ppb
Lead	206-1	497.28	501.29	499.97	499.51	0.41	ppb
Lead	207-1	493.87	501.56	495.40	496.94	0.82	ppb
Lead	208-1	503.01	502.90	497.63	501.18	0.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	52234.16	51058.27	50660.51	51317.65	1.59	ppb
Manganese	55-2	1014.33	1016.01	1004.22	1011.52	0.63	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:36:00	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	505.75	504.97	504.26	504.99	0.15	ppb
Molybdenum	95-1	493.24	494.77	488.31	492.11	0.69	ppb
Molybdenum	96-1	490.64	489.54	484.86	488.35	0.63	ppb
Molybdenum	97-1	502.12	496.76	497.19	498.69	0.60	ppb
Molybdenum	98-1	484.67	485.05	482.45	484.06	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.86	524.27	518.28	521.13	0.58	ppb
Phosphorus	31-2	10276.20	10114.42	10348.86	10246.49	1.17	ppb
Potassium	39-2	25154.87	25008.66	25094.04	25085.85	0.29	ppb
Rhodium	103-2				95		%
Rhodium	103-1				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	502.59	498.42	498.48	499.83	0.48	ppb
Selenium	77-2	500.23	485.67	497.87	494.59	1.58	ppb
Selenium	78-2	505.30	506.88	508.43	506.87	0.31	ppb
Silicon	28-1	498.77	504.04	509.58	504.13	1.07	ppb
Silver	109-1	522.06	519.70	516.28	519.35	0.56	ppb
Silver	107-1	522.52	513.00	518.02	517.85	0.92	ppb
Sodium	23-2	51932.53	51766.44	51422.43	51707.13	0.50	ppb
Strontium	86-1	497.78	503.28	497.69	499.58	0.64	ppb
Strontium	88-1	502.15	504.93	502.03	503.03	0.33	ppb
Sulfur	34-1	9554.33	9513.76	9552.26	9540.12	0.24	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	482.91	490.11	479.90	484.31	1.08	ppb
Thallium	205-1	505.81	508.18	506.44	506.81	0.24	ppb
Tin	118-1	490.92	489.62	486.83	489.12	0.43	ppb
Titanium	47-1	504.43	504.98	508.31	505.90	0.41	ppb
Uranium	238-1	502.21	502.85	493.49	499.52	1.05	ppb
Vanadium	51-2	514.63	516.97	509.15	513.59	0.78	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	1039.39	1040.20	1030.67	1036.75	0.51	ppb
Zirconium	91-1	490.59	493.48	489.92	491.33	0.38	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:36:00	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.84	505.98	502.27	506.03	0.75	ppb

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : CCB006 Instrumnet Name : P7
 Client Sample ID : CCB006 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 17:49:46 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.10	-0.24	-0.06		ppb
Antimony	121-1	1.21	1.28	1.47	1.32	10.28	ppb
Arsenic	75-2	0.07	0.13	0.09	0.10	30.69	ppb
Barium	135-1	0.00	0.01	0.01	0.01	51.82	ppb
Barium	137-1	0.00	0.01	0.01	0.01	59.43	ppb
Beryllium	9-1	0.01	0.00	-0.02	0.00		ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	1.38	1.15	1.20	1.24	9.57	ppb
Boron	11-1	1.27	1.00	1.25	1.17	12.70	ppb
Cadmium	106-1	-1.03	-0.95	-0.16	-0.71		ppb
Cadmium	108-1	0.01	0.02	-0.05	-0.01		ppb
Cadmium	111-1	-0.05	-0.05	0.00	-0.03		ppb
Calcium	43-1	0.20	-1.08	-4.16	-1.68		ppb
Calcium	44-1	6.47	-0.26	-0.18	2.01	192.04	ppb
Chromium	52-2	0.02	0.01	0.03	0.02	68.11	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.11	0.12	0.13	0.12	7.28	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				94		%
Holmium	165-2				99		%
Indium	115-2				96		%
Indium	115-1				95		%
Iron	56-2	0.34	0.25	0.28	0.29	16.48	ppb
Iron	57-2	0.56	0.39	0.34	0.43	27.42	ppb
Lead	206-1	-0.02	-0.03	-0.02	-0.02		ppb
Lead	207-1	-0.05	-0.04	-0.03	-0.04		ppb
Lead	208-1	-0.03	-0.04	-0.03	-0.03		ppb
Lithium	6-1				89		%
Magnesium	24-2	0.49	0.35	0.46	0.43	17.61	ppb
Manganese	55-2	0.00	0.01	0.01	0.01	50.05	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:49:46	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.07	0.06	14.20	ppb
Molybdenum	95-1	0.16	0.18	0.26	0.20	26.69	ppb
Molybdenum	96-1	0.11	0.14	0.18	0.14	22.63	ppb
Molybdenum	97-1	0.17	0.18	0.24	0.20	18.72	ppb
Molybdenum	98-1	0.17	0.17	0.23	0.19	17.89	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.01	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-11.16	-3.18	-23.66	-12.67		ppb
Potassium	39-2	2.40	-1.35	3.56	1.54	167.19	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	-1.26	0.05	0.00	-0.40		ppb
Selenium	77-2	0.20	0.49	0.20	0.30	56.57	ppb
Selenium	78-2	0.59	-0.31	-0.27	0.00	10321.71	ppb
Silicon	28-1	10.09	-9.23	-11.84	-3.66		ppb
Silver	109-1	0.03	0.02	0.02	0.02	25.29	ppb
Silver	107-1	0.03	0.02	0.02	0.02	19.94	ppb
Sodium	23-2	6.42	9.30	8.83	8.18	18.89	ppb
Strontium	86-1	0.18	0.00	-0.08	0.03	413.25	ppb
Strontium	88-1	0.00	0.00	0.01	0.01	36.77	ppb
Sulfur	34-1	575.70	-1047.59	-1347.82	-606.57		ppb
Terbium	159-2				97		%
Terbium	159-1				93		%
Thallium	203-1	0.01	0.01	0.01	0.01	17.88	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	45.58	ppb
Tin	118-1	0.04	0.05	0.06	0.05	16.98	ppb
Titanium	47-1	0.03	0.01	-0.03	0.00	2240.09	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	0.05	0.04	0.10	0.06	49.81	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	87.16	ppb

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:49:46	DataFile Name :	034CCBE.d

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

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:29:05	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	108	100	92	24.05	cps
Antimony	121-1	2859	2992	3150	3000	4.87	cps
Arsenic	75-2	20	28	19	22	22.05	cps
Barium	135-1	42	83	42	56	43.30	cps
Barium	137-1	133	92	83	103	26.06	cps
Beryllium	9-1	61	33	61	52	30.93	cps
Bismuth	209-1	7375240	7301875	7398466	7358527	0.69	cps
Bismuth	209-2	5246853	5332950	5350949	5310250	1.05	cps
Boron	10-1	183	167	183	178	5.41	cps
Boron	11-1	867	1092	908	956	12.53	cps
Cadmium	106-1	4584	4868	4934	4795	3.88	cps
Cadmium	108-1	29	4	17	17	74.99	cps
Cadmium	111-1	2308	2447	2477	2411	3.75	cps
Calcium	43-1	1050	942	875	956	9.24	cps
Calcium	44-1	32069	31443	32996	32169	2.43	cps
Chromium	52-2	1007	1110	1093	1070	5.18	cps
Cobalt	59-2	143	130	193	156	21.47	cps
Copper	63-2	787	800	740	776	4.06	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Erbium	164-1	25	92	17	44	92.49	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-2	57	33	40	43	27.74	cps
Gadolinium	160-1	108	42	117	89	46.24	cps
Holmium	165-2	6962671	7025953	6964214	6984279	0.52	cps
Holmium	165-1	11854609	11867260	11888636	11870169	0.14	cps
Indium	115-1	10907227	10862526	10846803	10872186	0.29	cps
Indium	115-2	2524970	2521159	2558283	2534804	0.81	cps
Iron	56-2	8125	7358	7469	7650	5.42	cps
Iron	57-2	144	156	156	152	4.22	cps
Lead	206-1	1439	1222	1328	1330	8.15	cps
Lead	207-1	1300	1156	1422	1293	10.33	cps
Lead	208-1	5984	5456	6023	5821	5.44	cps
Lithium	6-1	649037	644877	647310	647075	0.32	cps
Magnesium	24-2	167	108	117	131	24.16	cps
Manganese	55-2	73	107	63	81	27.98	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:29:05	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	692	742	842	758	10.07	cps
Molybdenum	95-1	258	467	467	397	30.28	cps
Molybdenum	96-1	600	642	592	611	4.38	cps
Molybdenum	97-1	308	400	383	364	13.42	cps
Molybdenum	98-1	567	642	758	656	14.73	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	167	167	147	160	7.22	cps
Phosphorus	31-2	608	600	433	547	18.04	cps
Potassium	39-2	70669	69413	70861	70314	1.12	cps
Rhodium	103-2	5291332	5309888	5318345	5306522	0.26	cps
Rhodium	103-1	10165847	10144082	10293698	10201209	0.79	cps
Scandium	45-1	6531933	6566966	6617183	6572027	0.65	cps
Scandium	45-2	369910	369266	371112	370096	0.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	235	252	222	236	6.28	cps
Selenium	82-1	111	67	50	76	41.54	cps
Silicon	28-1	1029455	1024879	1028139	1027491	0.23	cps
Silver	109-1	75	83	58	72	17.62	cps
Silver	107-1	150	133	142	142	5.88	cps
Sodium	23-2	29830	29955	29831	29872	0.24	cps
Strontium	86-1	5318	5276	5168	5254	1.47	cps
Strontium	88-1	317	275	250	281	12.01	cps
Sulfur	34-1	750059	747273	749346	748893	0.19	cps
Terbium	159-1	12598020	12534131	12613114	12581755	0.33	cps
Terbium	159-2	6960768	7074190	7042355	7025771	0.83	cps
Thallium	203-1	275	258	275	269	3.57	cps
Thallium	205-1	750	517	517	594	22.66	cps
Tin	118-1	1050	967	950	989	5.42	cps
Titanium	47-1	217	142	250	203	27.36	cps
Uranium	238-1	617	450	375	481	25.74	cps
Vanadium	51-2	43	23	50	39	35.69	cps
Yttrium	89-2	1971834	1985348	1974329	1977170	0.36	cps
Yttrium	89-1	11449510	11531581	11303585	11428225	1.01	cps
Zinc	66-2	113	127	133	124	8.18	cps
Zirconium	90-1	1317	1342	1283	1314	2.23	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:29:05	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	367	392	361	9.33	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:37:25	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3392	2959	2900	3084	8.71	cps
Antimony	121-1	29916	29824	29140	29627	1.43	cps
Arsenic	75-2	678	667	622	656	4.48	cps
Barium	135-1	32255	32648	33032	32645	1.19	cps
Barium	137-1	56642	55546	56491	56226	1.06	cps
Beryllium	9-1	1395	1617	1756	1589	11.46	cps
Bismuth	209-1	7390422	7421143	7366221	7392596	0.37	cps
Bismuth	209-2	5303185	5365505	5326525	5331738	0.59	cps
Boron	10-1	1058	1150	1217	1142	6.96	cps
Boron	11-1	6702	6543	6652	6632	1.22	cps
Cadmium	106-1	5185	5343	5001	5176	3.30	cps
Cadmium	108-1	325	304	300	310	4.32	cps
Cadmium	111-1	5663	5873	5769	5768	1.82	cps
Calcium	43-1	20239	21416	19864	20506	3.95	cps
Calcium	44-1	347635	347716	343398	346250	0.71	cps
Chromium	52-2	11455	12048	12115	11873	3.06	cps
Cobalt	59-2	8476	8666	8563	8568	1.11	cps
Copper	63-2	13600	13700	13290	13530	1.58	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Dysprosium	156-1	8	33	33	25	57.75	cps
Erbium	164-1	108	50	67	75	40.06	cps
Erbium	164-2	30	30	53	38	35.66	cps
Gadolinium	160-2	40	43	43	42	4.55	cps
Gadolinium	160-1	117	67	58	81	39.17	cps
Holmium	165-2	6956388	7045797	7020056	7007414	0.66	cps
Holmium	165-1	11965853	12183483	11989164	12046167	0.99	cps
Indium	115-1	11126468	10993619	10963196	11027761	0.79	cps
Indium	115-2	2535645	2543368	2561426	2546813	0.52	cps
Iron	56-2	216027	217218	219325	217523	0.77	cps
Iron	57-2	5384	5496	5918	5599	5.03	cps
Lead	206-1	10866	10621	10593	10694	1.40	cps
Lead	207-1	9515	9209	9420	9381	1.67	cps
Lead	208-1	43507	42188	42734	42810	1.55	cps
Lithium	6-1	649236	651079	650380	650232	0.14	cps
Magnesium	24-2	160713	164922	162969	162868	1.29	cps
Manganese	55-2	3144	3210	2810	3055	7.02	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:37:25	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26918	27102	26901	26974	0.41	cps
Molybdenum	95-1	33782	34309	33532	33874	1.17	cps
Molybdenum	96-1	37300	38528	37016	37615	2.14	cps
Molybdenum	97-1	20574	21108	20999	20894	1.35	cps
Molybdenum	98-1	54715	54707	52564	53995	2.29	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2300	2500	2494	2431	4.67	cps
Phosphorus	31-2	842	792	700	778	9.24	cps
Potassium	39-2	258505	264821	258405	260577	1.41	cps
Rhodium	103-2	5313006	5354991	5377350	5348449	0.61	cps
Rhodium	103-1	10294099	10303365	10268554	10288672	0.18	cps
Scandium	45-1	6637123	6603941	6584402	6608489	0.40	cps
Scandium	45-2	369272	372202	372295	371256	0.46	cps
Selenium	77-2	83	47	43	58	38.42	cps
Selenium	78-2	396	422	422	414	3.62	cps
Selenium	82-1	1067	1113	679	953	25.00	cps
Silicon	28-1	1070022	1069022	1079794	1072946	0.55	cps
Silver	109-1	20624	20925	20424	20657	1.22	cps
Silver	107-1	21400	21359	21634	21464	0.69	cps
Sodium	23-2	341121	345009	341745	342625	0.61	cps
Strontium	86-1	9579	9562	9837	9659	1.60	cps
Strontium	88-1	42523	42305	42055	42294	0.55	cps
Sulfur	34-1	747074	756407	758551	754011	0.81	cps
Terbium	159-1	12665172	12775655	12561091	12667306	0.85	cps
Terbium	159-2	6995714	6995703	7105185	7032201	0.90	cps
Thallium	203-1	11639	11422	11172	11411	2.05	cps
Thallium	205-1	27213	28189	28841	28081	2.92	cps
Tin	118-1	57092	58933	58096	58040	1.59	cps
Titanium	47-1	9387	9995	9420	9601	3.56	cps
Uranium	238-1	36577	35148	35357	35694	2.16	cps
Vanadium	51-2	21008	21029	21119	21052	0.28	cps
Yttrium	89-2	1969695	1996361	1987634	1984563	0.69	cps
Yttrium	89-1	11557174	11599606	11475418	11544066	0.55	cps
Zinc	66-2	1897	1897	1827	1873	2.16	cps
Zirconium	90-1	21634	22093	20999	21575	2.54	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:37:25	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4743	4701	4626	4690	1.26	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:41:14	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130439	128389	130548	129792	0.94	cps
Antimony	121-1	544538	539629	532429	538865	1.13	cps
Arsenic	75-2	31540	31221	31235	31332	0.58	cps
Barium	135-1	790975	787838	801786	793533	0.92	cps
Barium	137-1	1372581	1363787	1384645	1373671	0.76	cps
Beryllium	9-1	74918	76229	76828	75992	1.29	cps
Bismuth	209-1	7466222	7519932	7471569	7485908	0.40	cps
Bismuth	209-2	5370746	5390866	5439898	5400503	0.66	cps
Boron	10-1	10587	10546	11255	10796	3.68	cps
Boron	11-1	55511	56247	56331	56030	0.81	cps
Cadmium	106-1	23646	24664	24430	24247	2.20	cps
Cadmium	108-1	12477	13069	12910	12819	2.39	cps
Cadmium	111-1	168793	172024	171096	170638	0.97	cps
Calcium	43-1	193439	195528	199284	196084	1.51	cps
Calcium	44-1	3149130	3145768	3158828	3151242	0.22	cps
Chromium	52-2	249658	248011	250862	249510	0.57	cps
Cobalt	59-2	409238	410992	410957	410396	0.24	cps
Copper	63-2	588522	593487	596667	592892	0.69	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Dysprosium	156-1	25	8	42	25	66.68	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	37	7	30	24	64.43	cps
Gadolinium	160-2	40	30	37	36	14.32	cps
Gadolinium	160-1	83	67	100	83	20.00	cps
Holmium	165-2	7063006	7042132	7192153	7099097	1.14	cps
Holmium	165-1	12261908	12023915	12077765	12121196	1.03	cps
Indium	115-1	10917534	11119625	11021807	11019655	0.92	cps
Indium	115-2	2538538	2568106	2589658	2565434	1.00	cps
Iron	56-2	10404889	10337609	10433636	10392045	0.47	cps
Iron	57-2	255211	251621	254736	253856	0.77	cps
Lead	206-1	449869	450212	450492	450191	0.07	cps
Lead	207-1	411485	411528	407270	410094	0.60	cps
Lead	208-1	1837977	1841262	1844500	1841246	0.18	cps
Lithium	6-1	657762	661886	666772	662140	0.68	cps
Magnesium	24-2	1598973	1582332	1594269	1591858	0.54	cps
Manganese	55-2	278892	277809	281664	279455	0.71	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:41:14	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	621232	622230	614068	619176	0.72	cps
Molybdenum	95-1	333073	329551	325665	329430	1.12	cps
Molybdenum	96-1	430602	424039	422481	425707	1.01	cps
Molybdenum	97-1	204486	204812	201802	203700	0.81	cps
Molybdenum	98-1	529669	527559	524168	527132	0.53	cps
Neodymium	150-1	33	40	67	47	37.80	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	109388	109861	109773	109674	0.23	cps
Phosphorus	31-2	8478	8336	8578	8464	1.44	cps
Potassium	39-2	1008875	997681	1007845	1004800	0.62	cps
Rhodium	103-2	5340608	5344042	5362826	5349159	0.22	cps
Rhodium	103-1	10357877	10441925	10381063	10393622	0.42	cps
Scandium	45-1	6677686	6645811	6668126	6663875	0.25	cps
Scandium	45-2	374353	373976	371619	373316	0.40	cps
Selenium	77-2	613	573	603	597	3.49	cps
Selenium	78-2	2141	2306	2219	2222	3.71	cps
Selenium	82-1	10170	10339	10500	10336	1.59	cps
Silicon	28-1	1444135	1450477	1453013	1449209	0.32	cps
Silver	109-1	828037	828238	840616	832297	0.87	cps
Silver	107-1	872381	876864	879825	876357	0.43	cps
Sodium	23-2	3100095	3069377	3101241	3090238	0.58	cps
Strontium	86-1	232511	233121	231315	232316	0.40	cps
Strontium	88-1	1968553	1975070	1978181	1973934	0.25	cps
Sulfur	34-1	807839	801161	795612	801537	0.76	cps
Terbium	159-1	12793719	12935384	12825669	12851591	0.58	cps
Terbium	159-2	7057628	7080384	7139082	7092365	0.59	cps
Thallium	203-1	556719	557840	562252	558937	0.52	cps
Thallium	205-1	1332758	1340001	1349025	1340595	0.61	cps
Tin	118-1	555836	561585	556073	557831	0.58	cps
Titanium	47-1	96348	94519	93546	94804	1.50	cps
Uranium	238-1	1719545	1731278	1740675	1730499	0.61	cps
Vanadium	51-2	206933	206632	208443	207336	0.47	cps
Yttrium	89-2	2001093	1990977	1997435	1996502	0.26	cps
Yttrium	89-1	11677595	11631956	11759794	11689782	0.55	cps
Zinc	66-2	81137	80929	80651	80906	0.30	cps
Zirconium	90-1	1192369	1196387	1208342	1199033	0.69	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:41:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	261386	264808	268142	264779	1.28	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:45:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317166	321770	318235	319057	0.76	cps
Antimony	121-1	1576597	1549309	1539823	1555243	1.23	cps
Arsenic	75-2	78345	77959	77497	77934	0.54	cps
Barium	135-1	1996007	2005761	2017922	2006563	0.55	cps
Barium	137-1	3429334	3469813	3486100	3461749	0.84	cps
Beryllium	9-1	191132	190153	192370	191218	0.58	cps
Bismuth	209-1	7492751	7371459	7422008	7428739	0.82	cps
Bismuth	209-2	5417187	5402026	5401997	5407070	0.16	cps
Boron	10-1	26224	26566	27042	26610	1.54	cps
Boron	11-1	137050	138445	140134	138543	1.11	cps
Cadmium	106-1	53828	52866	53042	53245	0.96	cps
Cadmium	108-1	31895	31510	32726	32043	1.94	cps
Cadmium	111-1	424900	423598	429189	425896	0.69	cps
Calcium	43-1	486544	484310	487272	486042	0.32	cps
Calcium	44-1	7777236	7825146	7754254	7785545	0.46	cps
Chromium	52-2	616477	619449	616890	617605	0.26	cps
Cobalt	59-2	1012559	1005731	1018348	1012213	0.62	cps
Copper	63-2	1466969	1462391	1464857	1464739	0.16	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Dysprosium	156-1	50	58	17	42	52.91	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	10	13	30	18	60.28	cps
Gadolinium	160-2	30	43	47	40	22.05	cps
Gadolinium	160-1	58	92	92	81	23.89	cps
Holmium	165-2	7071070	7060731	7117432	7083078	0.43	cps
Holmium	165-1	12221930	12209970	12420255	12284052	0.96	cps
Indium	115-1	11089199	11031948	11242771	11121306	0.98	cps
Indium	115-2	2536795	2534338	2549908	2540347	0.33	cps
Iron	56-2	25895626	25810141	25771530	25825766	0.25	cps
Iron	57-2	629433	625869	627299	627534	0.29	cps
Lead	206-1	1129358	1134647	1137015	1133673	0.35	cps
Lead	207-1	1023226	1024932	1033371	1027177	0.53	cps
Lead	208-1	4605365	4582014	4639035	4608805	0.62	cps
Lithium	6-1	659967	661559	660738	660755	0.12	cps
Magnesium	24-2	3950463	3966119	3945521	3954034	0.27	cps
Manganese	55-2	697115	695266	693588	695323	0.25	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:45:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1569867	1564075	1571214	1568385	0.24	cps
Molybdenum	95-1	839477	829285	831273	833345	0.65	cps
Molybdenum	96-1	1080264	1070953	1069932	1073716	0.53	cps
Molybdenum	97-1	525600	521870	519897	522455	0.55	cps
Molybdenum	98-1	1345230	1341163	1331092	1339162	0.54	cps
Neodymium	150-1	113	87	93	98	14.19	cps
Neodymium	150-2	20	10	3	11	75.52	cps
Nickel	60-2	270776	267847	268457	269026	0.57	cps
Phosphorus	31-2	20423	20498	19922	20281	1.54	cps
Potassium	39-2	2401296	2392820	2382676	2392264	0.39	cps
Rhodium	103-2	5307693	5297034	5309871	5304866	0.13	cps
Rhodium	103-1	10392067	10305028	10347758	10348284	0.42	cps
Scandium	45-1	6622202	6716072	6724382	6687552	0.85	cps
Scandium	45-2	375638	371584	371060	372761	0.67	cps
Selenium	77-2	1543	1477	1337	1452	7.26	cps
Selenium	78-2	5084	5151	5103	5113	0.67	cps
Selenium	82-1	25669	25744	26159	25857	1.02	cps
Silicon	28-1	2075954	2072714	2084041	2077570	0.28	cps
Silver	109-1	2087741	2076004	2101523	2088422	0.61	cps
Silver	107-1	2190024	2175033	2191498	2185519	0.42	cps
Sodium	23-2	7549632	7537980	7585359	7557657	0.33	cps
Strontium	86-1	572914	582241	580333	578496	0.85	cps
Strontium	88-1	4940631	4949402	4949279	4946437	0.10	cps
Sulfur	34-1	886857	881772	879870	882833	0.41	cps
Terbium	159-1	12988571	12965043	13015577	12989731	0.19	cps
Terbium	159-2	7236500	7205720	7266898	7236373	0.42	cps
Thallium	203-1	1417153	1411592	1438680	1422475	1.01	cps
Thallium	205-1	3342248	3375960	3443482	3387230	1.52	cps
Tin	118-1	1411949	1406896	1406050	1408298	0.23	cps
Titanium	47-1	236220	236579	236967	236589	0.16	cps
Uranium	238-1	4355889	4337363	4370887	4354713	0.39	cps
Vanadium	51-2	512765	516141	516698	515201	0.41	cps
Yttrium	89-2	1987298	1997031	1973678	1986002	0.59	cps
Yttrium	89-1	11778777	11636973	11743122	11719624	0.63	cps
Zinc	66-2	201942	202671	201185	201933	0.37	cps
Zirconium	90-1	3020454	3008747	3037203	3022134	0.47	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:45:14	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	674993	668739	680667	674800	0.88	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:48:57	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	624382	623512	624762	624219	0.10	cps
Antimony	121-1	3367734	3334433	3305106	3335758	0.94	cps
Arsenic	75-2	152832	154774	154085	153897	0.64	cps
Barium	135-1	4050928	4054741	4063958	4056542	0.17	cps
Barium	137-1	6969683	6920731	7011347	6967254	0.65	cps
Beryllium	9-1	382212	375988	377975	378725	0.84	cps
Bismuth	209-1	7534574	7468197	7598733	7533835	0.87	cps
Bismuth	209-2	5383207	5415440	5432310	5410319	0.46	cps
Boron	10-1	53194	54817	53471	53827	1.61	cps
Boron	11-1	275152	276120	278978	276750	0.72	cps
Cadmium	106-1	100731	100412	100765	100636	0.19	cps
Cadmium	108-1	63563	62935	64270	63590	1.05	cps
Cadmium	111-1	844109	838067	841557	841245	0.36	cps
Calcium	43-1	967063	967795	966339	967066	0.08	cps
Calcium	44-1	15495366	15216266	15429019	15380217	0.95	cps
Chromium	52-2	1210364	1223224	1214111	1215900	0.54	cps
Cobalt	59-2	1989801	2008927	1996478	1998402	0.49	cps
Copper	63-2	2860828	2876784	2865351	2867655	0.29	cps
Dysprosium	156-2	23	13	40	26	52.73	cps
Dysprosium	156-1	58	117	58	78	43.30	cps
Erbium	164-1	42	75	58	58	28.57	cps
Erbium	164-2	40	27	17	28	42.13	cps
Gadolinium	160-2	67	60	33	53	33.08	cps
Gadolinium	160-1	142	142	50	111	47.63	cps
Holmium	165-2	7224232	7232555	7142510	7199766	0.69	cps
Holmium	165-1	12439652	12478870	12316805	12411776	0.68	cps
Indium	115-1	11083134	11026573	10968320	11026009	0.52	cps
Indium	115-2	2509656	2515841	2526360	2517286	0.34	cps
Iron	56-2	50854653	50774294	51281118	50970022	0.53	cps
Iron	57-2	1234802	1236789	1245866	1239152	0.48	cps
Lead	206-1	2270782	2276140	2295187	2280703	0.56	cps
Lead	207-1	2074938	2059686	2077089	2070571	0.46	cps
Lead	208-1	9303704	9286310	9307338	9299117	0.12	cps
Lithium	6-1	666019	664279	665124	665141	0.13	cps
Magnesium	24-2	7650789	7800044	7706088	7718974	0.98	cps
Manganese	55-2	1358949	1373742	1367653	1366782	0.54	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:48:57	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3159414	3146254	3160370	3155346	0.25	cps
Molybdenum	95-1	1678051	1673430	1689987	1680489	0.51	cps
Molybdenum	96-1	2161671	2159503	2161245	2160806	0.05	cps
Molybdenum	97-1	1049426	1042212	1042134	1044591	0.40	cps
Molybdenum	98-1	2690512	2690768	2668568	2683283	0.47	cps
Neodymium	150-1	220	220	153	198	19.46	cps
Neodymium	150-2	30	33	37	33	10.01	cps
Nickel	60-2	529514	533197	531317	531343	0.35	cps
Phosphorus	31-2	39604	39963	40180	39916	0.73	cps
Potassium	39-2	4597075	4658676	4633561	4629771	0.67	cps
Rhodium	103-2	5228407	5267349	5280096	5258618	0.51	cps
Rhodium	103-1	10325519	10275724	10079325	10226856	1.27	cps
Scandium	45-1	6641972	6685727	6632451	6653383	0.43	cps
Scandium	45-2	364727	371032	369800	368520	0.91	cps
Selenium	77-2	2857	3084	2954	2965	3.84	cps
Selenium	78-2	9829	9952	10052	9944	1.12	cps
Selenium	82-1	52384	51839	51634	51952	0.75	cps
Silicon	28-1	3116593	3108282	3131639	3118838	0.38	cps
Silver	109-1	4141401	4119875	4139307	4133528	0.29	cps
Silver	107-1	4341743	4352664	4354520	4349642	0.16	cps
Sodium	23-2	14907951	14771635	14800720	14826769	0.48	cps
Strontium	86-1	1140074	1135043	1140522	1138546	0.27	cps
Strontium	88-1	9789778	9751554	9964315	9835216	1.15	cps
Sulfur	34-1	1010812	997138	999568	1002506	0.73	cps
Terbium	159-1	13092675	12952738	13160968	13068794	0.81	cps
Terbium	159-2	7203407	7243306	7189108	7211940	0.39	cps
Thallium	203-1	2907983	2901282	2857029	2888765	0.96	cps
Thallium	205-1	6895617	6877874	6765511	6846334	1.03	cps
Tin	118-1	2812862	2829448	2803208	2815172	0.47	cps
Titanium	47-1	474885	470829	467273	470995	0.81	cps
Uranium	238-1	8911169	8992904	9046242	8983438	0.76	cps
Vanadium	51-2	1005255	1016274	1015667	1012399	0.61	cps
Yttrium	89-2	1970064	1972291	1977228	1973194	0.19	cps
Yttrium	89-1	11726716	11742109	11669009	11712611	0.33	cps
Zinc	66-2	394483	396119	395502	395368	0.21	cps
Zirconium	90-1	6098894	6137867	6055001	6097254	0.68	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:48:57	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1344857	1343340	1329251	1339149	0.64	cps

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P7
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 15:52:36 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1230530	1240651	1232255	1234478	0.44	cps
Antimony	121-1	7182345	7115976	7113725	7137349	0.55	cps
Arsenic	75-2	308451	306743	309720	308304	0.48	cps
Barium	135-1	8324695	8195322	8329082	8283033	0.92	cps
Barium	137-1	13958352	13948941	13967686	13958327	0.07	cps
Beryllium	9-1	740868	742891	745320	743026	0.30	cps
Bismuth	209-1	7566782	7674472	7712899	7651385	0.99	cps
Bismuth	209-2	5371550	5415652	5384938	5390713	0.42	cps
Boron	10-1	104015	106458	108110	106194	1.94	cps
Boron	11-1	541357	551624	550966	547982	1.05	cps
Cadmium	106-1	192595	194256	195718	194190	0.80	cps
Cadmium	108-1	126882	127925	126719	127176	0.51	cps
Cadmium	111-1	1655356	1677639	1680364	1671120	0.82	cps
Calcium	43-1	1917465	1944878	1929589	1930644	0.71	cps
Calcium	44-1	30866507	31146910	30671111	30894843	0.77	cps
Chromium	52-2	2412843	2422714	2420314	2418624	0.21	cps
Cobalt	59-2	3929624	3960821	3954328	3948257	0.42	cps
Copper	63-2	5610270	5663925	5643493	5639230	0.48	cps
Dysprosium	156-2	40	23	23	29	33.32	cps
Dysprosium	156-1	167	75	108	117	39.77	cps
Erbium	164-1	33	83	50	56	45.83	cps
Erbium	164-2	33	57	40	43	27.74	cps
Gadolinium	160-2	80	33	50	54	43.44	cps
Gadolinium	160-1	150	117	150	139	13.86	cps
Holmium	165-2	7260363	7292419	7266086	7272956	0.24	cps
Holmium	165-1	12637759	12634201	12763944	12678634	0.58	cps
Indium	115-1	11063656	11034413	11244457	11114175	1.02	cps
Indium	115-2	2485294	2506615	2503906	2498605	0.46	cps
Iron	56-2	101102197	100966930	100805108	100958078	0.15	cps
Iron	57-2	2449671	2457638	2458897	2455402	0.20	cps
Lead	206-1	4580650	4576691	4631466	4596269	0.66	cps
Lead	207-1	4199685	4171731	4207329	4192915	0.45	cps
Lead	208-1	18827114	18916458	18777046	18840206	0.37	cps
Lithium	6-1	657348	665283	654947	659193	0.82	cps
Magnesium	24-2	15199427	15271867	15247687	15239660	0.24	cps
Manganese	55-2	2708559	2719709	2714901	2714390	0.21	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:52:36	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6411790	6394276	6468240	6424769	0.60	cps
Molybdenum	95-1	3363050	3374835	3394334	3377406	0.47	cps
Molybdenum	96-1	4315383	4353780	4353824	4340996	0.51	cps
Molybdenum	97-1	2101732	2114576	2104624	2106977	0.32	cps
Molybdenum	98-1	5414612	5407039	5443857	5421836	0.36	cps
Neodymium	150-1	513	520	413	482	12.39	cps
Neodymium	150-2	57	50	50	52	7.37	cps
Nickel	60-2	1038539	1046758	1046309	1043869	0.44	cps
Phosphorus	31-2	77552	78674	77837	78021	0.75	cps
Potassium	39-2	9102814	9135752	9152989	9130518	0.28	cps
Rhodium	103-2	5210226	5280234	5206504	5232321	0.79	cps
Rhodium	103-1	10141734	10207345	10246757	10198612	0.52	cps
Scandium	45-1	6657854	6784621	6702525	6715000	0.96	cps
Scandium	45-2	369917	367941	370226	369361	0.34	cps
Selenium	77-2	5988	6021	6015	6008	0.29	cps
Selenium	78-2	19252	19738	19576	19522	1.27	cps
Selenium	82-1	102737	105121	103792	103884	1.15	cps
Silicon	28-1	4091539	4114108	4116427	4107358	0.33	cps
Silver	109-1	8380134	8465078	8364817	8403343	0.64	cps
Silver	107-1	8722341	8745302	8771021	8746221	0.28	cps
Sodium	23-2	29415994	29460606	29482109	29452903	0.11	cps
Strontium	86-1	2273681	2295397	2282472	2283850	0.48	cps
Strontium	88-1	19936945	19750633	20000062	19895880	0.65	cps
Sulfur	34-1	1270568	1273533	1271862	1271987	0.12	cps
Terbium	159-1	13294516	13283091	13347466	13308358	0.26	cps
Terbium	159-2	7190242	7193373	7155726	7179780	0.29	cps
Thallium	203-1	5779939	5802086	5753906	5778644	0.42	cps
Thallium	205-1	13677166	13516767	13694599	13629511	0.72	cps
Tin	118-1	5648524	5686107	5670802	5668477	0.33	cps
Titanium	47-1	941479	946497	945651	944542	0.28	cps
Uranium	238-1	17868477	18255230	18248936	18124214	1.22	cps
Vanadium	51-2	2022848	2028151	2033448	2028149	0.26	cps
Yttrium	89-2	1972262	1979117	1988006	1979795	0.40	cps
Yttrium	89-1	11822989	11928115	11831792	11860965	0.49	cps
Zinc	66-2	776402	784253	783663	781439	0.56	cps
Zirconium	90-1	12143026	12309363	12327054	12259814	0.83	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:52:36	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2653261	2670372	2701073	2674902	0.91	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:56:11	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2485694	2467453	2450548	2467898	0.71	cps
Antimony	121-1	14641766	14624557	14607879	14624734	0.12	cps
Arsenic	75-2	620531	623665	625607	623268	0.41	cps
Barium	135-1	16445374	16657146	16577933	16560151	0.65	cps
Barium	137-1	27785194	27923807	28040420	27916474	0.46	cps
Beryllium	9-1	1429727	1433563	1436447	1433246	0.24	cps
Bismuth	209-1	7433717	7405805	7388217	7409246	0.31	cps
Bismuth	209-2	5273196	5246013	5233090	5250766	0.39	cps
Boron	10-1	203897	208838	209230	207321	1.43	cps
Boron	11-1	1057054	1077501	1064923	1066493	0.97	cps
Cadmium	106-1	373618	379523	378341	377161	0.83	cps
Cadmium	108-1	249682	253504	249952	251046	0.85	cps
Cadmium	111-1	3254392	3294562	3284010	3277655	0.64	cps
Calcium	43-1	3815383	3849859	3842846	3836029	0.47	cps
Calcium	44-1	61488006	61752460	61811270	61683912	0.28	cps
Chromium	52-2	4846081	4830425	4864308	4846938	0.35	cps
Cobalt	59-2	7910920	7964645	7860655	7912073	0.66	cps
Copper	63-2	11433318	11390349	11333949	11385872	0.44	cps
Dysprosium	156-2	73	87	63	74	15.73	cps
Dysprosium	156-1	283	242	425	317	30.35	cps
Erbium	164-1	108	108	50	89	37.89	cps
Erbium	164-2	37	40	37	38	5.09	cps
Gadolinium	160-2	40	67	53	53	25.00	cps
Gadolinium	160-1	175	192	167	178	7.16	cps
Holmium	165-2	7223117	7204616	7247189	7224974	0.30	cps
Holmium	165-1	12605067	12581676	12699585	12628776	0.49	cps
Indium	115-1	10887730	10916666	10924249	10909548	0.18	cps
Indium	115-2	2455450	2470347	2465152	2463650	0.31	cps
Iron	56-2	203081760	202533416	202000116	202538430	0.27	cps
Iron	57-2	4919703	4955793	4953544	4943013	0.41	cps
Lead	206-1	8929055	8958457	8932926	8940146	0.18	cps
Lead	207-1	8210345	8148193	8131105	8163214	0.51	cps
Lead	208-1	36714463	36648117	36814552	36725711	0.23	cps
Lithium	6-1	636423	639422	631582	635809	0.62	cps
Magnesium	24-2	30583002	30163566	30321597	30356055	0.70	cps
Manganese	55-2	5532567	5539144	5522752	5531487	0.15	cps

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 15:56:11 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12988144	13047040	12910928	12982038	0.53	cps
Molybdenum	95-1	6914348	6926110	6913043	6917834	0.10	cps
Molybdenum	96-1	8914731	8992916	8814353	8907333	1.00	cps
Molybdenum	97-1	4187281	4249214	4210122	4215539	0.74	cps
Molybdenum	98-1	11256177	11438488	11260861	11318509	0.92	cps
Neodymium	150-1	807	840	873	840	3.97	cps
Neodymium	150-2	83	160	133	126	31.00	cps
Nickel	60-2	2064006	2061855	2065975	2063945	0.10	cps
Phosphorus	31-2	155831	155991	153758	155193	0.80	cps
Potassium	39-2	18356417	18325119	18328109	18336548	0.09	cps
Rhodium	103-2	5159406	5170334	5199561	5176434	0.40	cps
Rhodium	103-1	10033405	10250000	10147399	10143601	1.07	cps
Scandium	45-1	6704218	6761634	6739179	6735011	0.43	cps
Scandium	45-2	373873	374477	377652	375334	0.54	cps
Selenium	77-2	11735	11908	11728	11791	0.87	cps
Selenium	78-2	38956	39219	39264	39146	0.43	cps
Selenium	82-1	206976	208098	208928	208001	0.47	cps
Silicon	28-1	6845415	6865446	6885714	6865525	0.29	cps
Silver	109-1	16278439	16525256	16462300	16421998	0.78	cps
Silver	107-1	17204222	17321784	17223442	17249816	0.37	cps
Sodium	23-2	58823433	58243422	58771774	58612876	0.55	cps
Strontium	86-1	4517997	4555460	4584241	4552566	0.73	cps
Strontium	88-1	39674419	39680978	40107397	39820931	0.62	cps
Sulfur	34-1	1851075	1863616	1856463	1857052	0.34	cps
Terbium	159-1	13186754	13401860	13384993	13324536	0.90	cps
Terbium	159-2	7245976	7199989	7234722	7226896	0.33	cps
Thallium	203-1	11608984	11654882	11741245	11668370	0.58	cps
Thallium	205-1	26900423	26711463	27136950	26916279	0.79	cps
Tin	118-1	11697658	11639205	11747653	11694839	0.46	cps
Titanium	47-1	1882312	1884144	1877176	1881211	0.19	cps
Uranium	238-1	35789983	35286695	35610248	35562308	0.72	cps
Vanadium	51-2	4102192	4079818	4110904	4097638	0.39	cps
Yttrium	89-2	1990242	2006554	2009502	2002099	0.52	cps
Yttrium	89-1	11771213	11825566	11974324	11857034	0.89	cps
Zinc	66-2	1540057	1547305	1548807	1545390	0.30	cps
Zirconium	90-1	24529768	24589919	24689886	24603191	0.33	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:56:11	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5507702	5505941	5386878	5466840	1.27	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:59:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13372372	13371076	13411831	13385093	0.17	cps
Antimony	121-1	68685	75119	78287	74030	6.61	cps
Arsenic	75-2	902	1098	1015	1005	9.80	cps
Barium	135-1	5818	5768	5093	5560	7.29	cps
Barium	137-1	9695	9287	8661	9215	5.65	cps
Beryllium	9-1	328	300	239	289	15.74	cps
Bismuth	209-1	6354746	6360244	6281957	6332316	0.69	cps
Bismuth	209-2	4582604	4584970	4599668	4589081	0.20	cps
Boron	10-1	4034	3225	3351	3537	12.31	cps
Boron	11-1	18721	18262	16468	17817	6.68	cps
Cadmium	106-1	4526	4834	4693	4684	3.30	cps
Cadmium	108-1	63	79	83	75	14.70	cps
Cadmium	111-1	2953	3042	2930	2975	1.99	cps
Calcium	43-1	19933853	20027542	20078683	20013359	0.37	cps
Calcium	44-1	312666032	314510949	313184999	313453993	0.30	cps
Chromium	52-2	122595	122648	123912	123052	0.61	cps
Cobalt	59-2	10137	10564	10451	10384	2.13	cps
Copper	63-2	18902	19029	18882	18938	0.42	cps
Dysprosium	156-2	80	117	87	94	20.68	cps
Dysprosium	156-1	258	275	242	258	6.45	cps
Erbium	164-1	75	58	133	89	44.30	cps
Erbium	164-2	63	47	40	50	24.03	cps
Gadolinium	160-2	137	103	147	129	17.60	cps
Gadolinium	160-1	317	200	225	247	24.85	cps
Holmium	165-2	6817047	6929522	6875396	6873988	0.82	cps
Holmium	165-1	11747107	11587517	11461378	11598667	1.23	cps
Indium	115-1	10387342	10448095	10253397	10362945	0.96	cps
Indium	115-2	2449065	2445441	2463864	2452790	0.40	cps
Iron	56-2	1092435047	1083667624	1086473624	1087525432	0.41	cps
Iron	57-2	26961301	26526261	26797623	26761728	0.82	cps
Lead	206-1	12667	12945	13068	12894	1.59	cps
Lead	207-1	11427	10499	10849	10925	4.29	cps
Lead	208-1	51691	50985	50639	51105	1.05	cps
Lithium	6-1	583965	576592	576831	579129	0.72	cps
Magnesium	24-2	157588216	158499699	159171833	158419916	0.50	cps
Manganese	55-2	18075	17511	18776	18120	3.50	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:59:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25156	27711	28713	27194	6.74	cps
Molybdenum	95-1	41453	43401	46845	43899	6.22	cps
Molybdenum	96-1	49546	53242	56170	52986	6.27	cps
Molybdenum	97-1	25783	26934	29481	27400	6.91	cps
Molybdenum	98-1	63886	69797	74888	69524	7.92	cps
Neodymium	150-1	180	200	147	176	15.35	cps
Neodymium	150-2	70	83	100	84	17.80	cps
Nickel	60-2	31397	30983	30889	31090	0.87	cps
Phosphorus	31-2	617	742	742	700	10.31	cps
Potassium	39-2	96980806	97093340	97722369	97265505	0.41	cps
Rhodium	103-2	4858708	4805150	4818551	4827470	0.58	cps
Rhodium	103-1	9321356	9326274	9237940	9295190	0.53	cps
Scandium	45-1	6632054	6705694	6647612	6661787	0.58	cps
Scandium	45-2	387492	384932	387742	386722	0.40	cps
Selenium	77-2	27	33	23	28	18.33	cps
Selenium	78-2	346	387	369	367	5.55	cps
Selenium	82-1	341	362	315	339	6.96	cps
Silicon	28-1	1068158	1069832	1076520	1071503	0.41	cps
Silver	109-1	2234	2284	2017	2178	6.51	cps
Silver	107-1	2525	2592	2500	2539	1.87	cps
Sodium	23-2	300451632	304542790	304154657	303049693	0.75	cps
Strontium	86-1	146886	148006	144866	146586	1.09	cps
Strontium	88-1	1235368	1244340	1239984	1239897	0.36	cps
Sulfur	34-1	641341	654644	651133	649039	1.06	cps
Terbium	159-1	12403563	12372425	11987700	12254563	1.89	cps
Terbium	159-2	6874961	6896466	6944454	6905294	0.52	cps
Thallium	203-1	7077	6352	5385	6271	13.54	cps
Thallium	205-1	15760	14325	13107	14397	9.22	cps
Tin	118-1	11597	12431	14441	12823	11.40	cps
Titanium	47-1	2101	1333	1742	1725	22.26	cps
Uranium	238-1	4534	4068	3826	4143	8.69	cps
Vanadium	51-2	1540	1347	1343	1410	7.99	cps
Yttrium	89-2	2026157	2016660	2009669	2017495	0.41	cps
Yttrium	89-1	11508329	11594619	11427272	11510073	0.73	cps
Zinc	66-2	5358	5715	5391	5488	3.59	cps
Zirconium	90-1	5968	6252	6402	6207	3.55	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 15:59:42	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1342	1500	1242	1361	9.57	cps

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 16:08:40 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65369	65377	65453	65400	0.07	cps
Antimony	121-1	2498805	2518275	2509198	2508759	0.39	cps
Arsenic	75-2	126206	126798	126983	126663	0.32	cps
Barium	135-1	309852	307985	314577	310805	1.09	cps
Barium	137-1	530058	538968	539118	536048	0.97	cps
Beryllium	9-1	137910	137007	138352	137757	0.50	cps
Bismuth	209-1	6972825	7166144	7192145	7110371	1.69	cps
Bismuth	209-2	5206840	5288504	5286691	5260678	0.89	cps
Boron	10-1	103402	104409	102581	103464	0.89	cps
Boron	11-1	537257	534547	536436	536080	0.26	cps
Cadmium	106-1	70829	68860	70326	70005	1.46	cps
Cadmium	108-1	36071	35992	34785	35616	2.02	cps
Cadmium	111-1	332242	333018	335698	333653	0.54	cps
Calcium	43-1	86922	86377	86477	86592	0.34	cps
Calcium	44-1	1369691	1363732	1337076	1356833	1.28	cps
Chromium	52-2	488110	500061	489357	492510	1.33	cps
Cobalt	59-2	826619	829063	827444	827709	0.15	cps
Copper	63-2	583164	600198	598716	594026	1.59	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Erbium	164-1	125	117	133	125	6.67	cps
Erbium	164-2	67	53	70	63	13.93	cps
Gadolinium	160-2	43	60	70	58	23.32	cps
Gadolinium	160-1	167	117	142	142	17.65	cps
Holmium	165-2	7150725	7116762	7122876	7130121	0.25	cps
Holmium	165-1	11577341	11751136	11583119	11637199	0.85	cps
Indium	115-1	11122551	11145561	11063618	11110576	0.38	cps
Indium	115-2	2574663	2633765	2611245	2606557	1.14	cps
Iron	56-2	4125972	4177014	4125831	4142939	0.71	cps
Iron	57-2	102635	102120	101969	102241	0.34	cps
Lead	206-1	1671721	1693709	1672736	1679389	0.74	cps
Lead	207-1	1450412	1476007	1462768	1463063	0.87	cps
Lead	208-1	6666927	6735578	6726091	6709532	0.55	cps
Lithium	6-1	613684	622327	625254	620421	0.97	cps
Magnesium	24-2	375553	380378	374352	376761	0.85	cps
Manganese	55-2	281310	288024	282118	283817	1.29	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:08:40	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6259540	6294723	6199308	6251191	0.77	cps
Molybdenum	95-1	3283710	3304857	3296762	3295110	0.32	cps
Molybdenum	96-1	4195493	4235981	4198796	4210090	0.53	cps
Molybdenum	97-1	2043527	2033816	2029051	2035465	0.36	cps
Molybdenum	98-1	5297990	5247401	5274054	5273149	0.48	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	219085	221696	221459	220747	0.65	cps
Phosphorus	31-2	650	642	667	653	1.95	cps
Potassium	39-2	830965	849391	839463	839940	1.10	cps
Rhodium	103-2	5464167	5524346	5484377	5490964	0.56	cps
Rhodium	103-1	10607272	10501607	10363742	10490874	1.16	cps
Scandium	45-1	6975300	6884268	6885642	6915070	0.75	cps
Scandium	45-2	391877	402200	397470	397183	1.30	cps
Selenium	77-2	2344	2294	2377	2338	1.79	cps
Selenium	78-2	8271	8451	8167	8296	1.73	cps
Selenium	82-1	41305	40924	40926	41052	0.53	cps
Silicon	28-1	3973614	3944726	3938806	3952382	0.47	cps
Silver	109-1	1455021	1469464	1460409	1461631	0.50	cps
Silver	107-1	1563702	1539765	1524661	1542709	1.28	cps
Sodium	23-2	1260537	1282201	1268109	1270282	0.87	cps
Strontium	86-1	2261627	2271615	2263308	2265517	0.24	cps
Strontium	88-1	19526358	19698881	19654676	19626638	0.46	cps
Sulfur	34-1	690890	691757	679572	687406	0.99	cps
Terbium	159-1	12529287	12202693	12304043	12345341	1.35	cps
Terbium	159-2	7148194	7269481	7142527	7186734	1.00	cps
Thallium	203-1	2100382	2079472	2085916	2088590	0.51	cps
Thallium	205-1	4980308	4922489	4952258	4951685	0.58	cps
Tin	118-1	5387153	5456851	5444269	5429424	0.68	cps
Titanium	47-1	947487	942787	933782	941352	0.74	cps
Uranium	238-1	15243849	15347125	15571218	15387397	1.09	cps
Vanadium	51-2	409074	415764	412740	412526	0.81	cps
Yttrium	89-2	2064870	2088004	2066158	2073011	0.63	cps
Yttrium	89-1	11961891	12043765	11966033	11990563	0.38	cps
Zinc	66-2	164114	163277	164983	164124	0.52	cps
Zirconium	90-1	11959557	12029144	12113351	12034017	0.64	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:08:40	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2601801	2592757	2610763	2601774	0.35	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:17:47	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	158	125	133	16.54	cps
Antimony	121-1	14516	17595	20332	17481	16.64	cps
Arsenic	75-2	117	131	159	136	15.92	cps
Barium	135-1	67	33	83	61	41.67	cps
Barium	137-1	133	100	108	114	15.23	cps
Beryllium	9-1	61	89	72	74	18.88	cps
Bismuth	209-1	7388825	7265139	7282599	7312188	0.92	cps
Bismuth	209-2	5183825	5287729	5224109	5231888	1.00	cps
Boron	10-1	942	775	1008	908	13.23	cps
Boron	11-1	5009	4459	4834	4768	5.90	cps
Cadmium	106-1	5018	5126	4751	4965	3.89	cps
Cadmium	108-1	21	46	25	31	43.84	cps
Cadmium	111-1	2544	2580	2436	2520	2.97	cps
Calcium	43-1	900	1025	775	900	13.89	cps
Calcium	44-1	32061	32796	33272	32709	1.87	cps
Chromium	52-2	1067	1137	1140	1115	3.72	cps
Cobalt	59-2	127	127	97	117	14.85	cps
Copper	63-2	747	750	763	753	1.17	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	7	37	27	23	65.46	cps
Gadolinium	160-2	27	30	50	36	35.49	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Holmium	165-2	7106056	7113907	7028673	7082879	0.67	cps
Holmium	165-1	12000352	11975534	12089863	12021916	0.50	cps
Indium	115-1	11385275	11296385	11294010	11325223	0.46	cps
Indium	115-2	2578670	2605308	2605526	2596501	0.59	cps
Iron	56-2	11488	11805	11238	11510	2.47	cps
Iron	57-2	217	189	294	233	23.45	cps
Lead	206-1	2317	2345	2289	2317	1.20	cps
Lead	207-1	2089	1989	2067	2048	2.56	cps
Lead	208-1	9207	9418	9491	9372	1.57	cps
Lithium	6-1	646983	642409	642613	644002	0.40	cps
Magnesium	24-2	442	567	450	486	14.38	cps
Manganese	55-2	97	100	83	93	9.45	cps

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 16:17:47 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1817	2259	2925	2334	23.91	cps
Molybdenum	95-1	2084	2867	3642	2864	27.21	cps
Molybdenum	96-1	2792	3359	3992	3381	17.76	cps
Molybdenum	97-1	1500	1834	2409	1914	24.01	cps
Molybdenum	98-1	3784	5160	5701	4882	20.25	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	110	103	83	99	14.03	cps
Phosphorus	31-2	608	508	533	550	9.46	cps
Potassium	39-2	71230	69932	71640	70934	1.26	cps
Rhodium	103-2	5391876	5486600	5419207	5432561	0.90	cps
Rhodium	103-1	10642526	10511894	10704672	10619697	0.93	cps
Scandium	45-1	6898620	6932226	6975606	6935484	0.56	cps
Scandium	45-2	385512	387146	389119	387259	0.47	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	283	267	280	277	3.16	cps
Selenium	82-1	-145	-254	-105	-168	-46.03	cps
Silicon	28-1	987698	988718	984949	987122	0.20	cps
Silver	109-1	325	342	250	306	15.98	cps
Silver	107-1	325	358	433	372	14.91	cps
Sodium	23-2	45286	43798	44425	44503	1.68	cps
Strontium	86-1	5526	4859	5126	5171	6.49	cps
Strontium	88-1	608	400	533	514	20.53	cps
Sulfur	34-1	677163	687285	686179	683542	0.81	cps
Terbium	159-1	12547362	12601994	12888306	12679221	1.44	cps
Terbium	159-2	7161130	7077133	7095164	7111142	0.62	cps
Thallium	203-1	825	1142	783	917	21.38	cps
Thallium	205-1	2150	2084	2017	2084	3.20	cps
Tin	118-1	2059	2717	3009	2595	18.76	cps
Titanium	47-1	242	192	308	247	23.67	cps
Uranium	238-1	383	392	400	392	2.13	cps
Vanadium	51-2	77	30	30	46	59.15	cps
Yttrium	89-2	2030960	2063313	2033283	2042518	0.88	cps
Yttrium	89-1	11917315	11855438	12202458	11991737	1.54	cps
Zinc	66-2	197	153	163	171	13.26	cps
Zirconium	90-1	1433	1684	1742	1620	10.11	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:17:47	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	342	475	411	16.26	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:21:18	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11803355	11939573	11966135	11903021	0.73	cps
Antimony	121-1	23170	23804	24606	23860	3.02	cps
Arsenic	75-2	317	256	276	283	11.01	cps
Barium	135-1	4526	4718	4968	4737	4.68	cps
Barium	137-1	8887	7944	7944	8258	6.59	cps
Beryllium	9-1	428	328	539	432	24.47	cps
Bismuth	209-1	7034751	7108044	6966133	7036309	1.01	cps
Bismuth	209-2	5026463	5007131	4997691	5010429	0.29	cps
Boron	10-1	850	892	925	889	4.23	cps
Boron	11-1	4643	4809	4734	4729	1.77	cps
Cadmium	106-1	4801	4693	4376	4623	4.78	cps
Cadmium	108-1	2700	2542	2679	2641	3.26	cps
Cadmium	111-1	3508	3405	3269	3394	3.54	cps
Calcium	43-1	3788076	3837747	3804731	3810185	0.66	cps
Calcium	44-1	61709297	61442228	61382989	61511505	0.28	cps
Chromium	52-2	93561	95497	95486	94848	1.18	cps
Cobalt	59-2	9053	9303	9587	9314	2.87	cps
Copper	63-2	46052	45925	46166	46048	0.26	cps
Dysprosium	156-2	20	27	37	28	30.20	cps
Dysprosium	156-1	50	83	58	64	27.15	cps
Erbium	164-1	117	58	67	81	39.16	cps
Erbium	164-2	63	40	37	47	31.13	cps
Gadolinium	160-2	93	70	57	73	25.31	cps
Gadolinium	160-1	125	150	158	144	12.01	cps
Holmium	165-2	7122005	7099733	7055536	7092424	0.48	cps
Holmium	165-1	12098323	12184380	12160610	12147771	0.37	cps
Indium	115-1	10925472	11040555	11049219	11005082	0.63	cps
Indium	115-2	2461850	2497630	2495707	2485062	0.81	cps
Iron	56-2	399234709	398175976	398201187	398537290	0.15	cps
Iron	57-2	9841185	9870772	9906327	9872762	0.33	cps
Lead	206-1	43076	41621	43661	42786	2.45	cps
Lead	207-1	33771	33348	33655	33591	0.65	cps
Lead	208-1	160465	158940	161604	160336	0.83	cps
Lithium	6-1	630334	627297	627443	628358	0.27	cps
Magnesium	24-2	28966792	29066604	29239374	29090923	0.47	cps
Manganese	55-2	21252	21773	21656	21560	1.27	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:21:18	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7693730	7719163	7636936	7683276	0.55	cps
Molybdenum	95-1	13516451	13589130	13565113	13556898	0.27	cps
Molybdenum	96-1	14483739	14493831	14371399	14449656	0.47	cps
Molybdenum	97-1	8556670	8558378	8534963	8550004	0.15	cps
Molybdenum	98-1	22075749	22070374	22216415	22120846	0.37	cps
Neodymium	150-1	67	60	107	78	32.45	cps
Neodymium	150-2	37	13	30	27	45.08	cps
Nickel	60-2	11328	11501	11395	11408	0.77	cps
Phosphorus	31-2	749017	754481	756859	753452	0.53	cps
Potassium	39-2	36030162	36281775	36606214	36306050	0.80	cps
Rhodium	103-2	5048669	5076509	5104316	5076498	0.55	cps
Rhodium	103-1	10122223	10019769	10192013	10111335	0.86	cps
Scandium	45-1	6720071	6812983	6777184	6770079	0.69	cps
Scandium	45-2	367931	370117	369846	369298	0.32	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	252	217	252	240	8.46	cps
Selenium	82-1	-15	182	33	67	154.06	cps
Silicon	28-1	1130507	1134958	1129643	1131703	0.25	cps
Silver	109-1	2217	2309	3092	2539	18.94	cps
Silver	107-1	2234	2242	2709	2395	11.35	cps
Sodium	23-2	57873793	57912947	57555347	57780696	0.34	cps
Strontium	86-1	157008	158155	157471	157545	0.37	cps
Strontium	88-1	1315971	1320758	1324933	1320554	0.34	cps
Sulfur	34-1	5082853	5129780	5049901	5087511	0.79	cps
Terbium	159-1	12684478	12864529	12812901	12787303	0.73	cps
Terbium	159-2	7119063	7216168	7124284	7153172	0.76	cps
Thallium	203-1	2250	2425	2217	2298	4.87	cps
Thallium	205-1	5060	5518	4968	5182	5.69	cps
Tin	118-1	2925	3359	3626	3303	10.70	cps
Titanium	47-1	3704687	3724289	3716089	3715022	0.27	cps
Uranium	238-1	1192	1333	1158	1228	7.57	cps
Vanadium	51-2	793	687	643	708	10.91	cps
Yttrium	89-2	1978860	1965593	1991876	1978776	0.66	cps
Yttrium	89-1	11892765	11916430	11798429	11869208	0.53	cps
Zinc	66-2	9156	9236	9293	9229	0.74	cps
Zirconium	90-1	4818	4626	5394	4946	8.08	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:21:18	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	983	1200	1225	1136	11.70	cps

LB Number : LB86399 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-03-16 16:24:46 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11864425	11759510	11864474	11829470	0.51	cps
Antimony	121-1	286055	282706	289017	285926	1.10	cps
Arsenic	75-2	11847	12218	12050	12038	1.54	cps
Barium	135-1	69290	69818	69165	69424	0.50	cps
Barium	137-1	120125	121345	120747	120739	0.51	cps
Beryllium	9-1	28371	28210	28583	28388	0.66	cps
Bismuth	209-1	7080756	7201122	7197016	7159631	0.95	cps
Bismuth	209-2	5040658	5038491	5071917	5050355	0.37	cps
Boron	10-1	10596	10779	11288	10888	3.29	cps
Boron	11-1	53487	54198	55552	54413	1.93	cps
Cadmium	106-1	14066	13824	14550	14147	2.61	cps
Cadmium	108-1	8373	8753	8457	8528	2.34	cps
Cadmium	111-1	67195	66796	68334	67442	1.18	cps
Calcium	43-1	3783492	3784720	3806020	3791411	0.33	cps
Calcium	44-1	61621508	62080028	62295470	61999002	0.56	cps
Chromium	52-2	189528	187205	189859	188864	0.77	cps
Cobalt	59-2	166742	165417	166041	166066	0.40	cps
Copper	63-2	158451	157813	158895	158386	0.34	cps
Dysprosium	156-2	47	37	37	40	14.43	cps
Dysprosium	156-1	42	25	67	44	47.19	cps
Erbium	164-1	167	75	67	103	53.99	cps
Erbium	164-2	40	43	40	41	4.68	cps
Gadolinium	160-2	77	60	57	64	16.63	cps
Gadolinium	160-1	133	142	125	133	6.25	cps
Holmium	165-2	7159844	7173268	7098508	7143873	0.56	cps
Holmium	165-1	12334728	12359638	12500500	12398288	0.72	cps
Indium	115-1	11070563	11067517	11150201	11096094	0.42	cps
Indium	115-2	2496898	2470179	2487914	2484997	0.55	cps
Iron	56-2	399529898	395453464	398312720	397765361	0.53	cps
Iron	57-2	9883620	9765183	9856551	9835118	0.63	cps
Lead	206-1	215472	216699	217862	216677	0.55	cps
Lead	207-1	180099	178328	182245	180224	1.09	cps
Lead	208-1	838265	837588	851380	842411	0.92	cps
Lithium	6-1	631458	627755	636856	632023	0.72	cps
Magnesium	24-2	28979742	28933752	29164107	29025867	0.42	cps
Manganese	55-2	75593	75288	76290	75724	0.68	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:24:46	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8298790	8413524	8422067	8378127	0.82	cps
Molybdenum	95-1	13769591	13868327	13917345	13851754	0.54	cps
Molybdenum	96-1	14936887	14864392	14921699	14907660	0.26	cps
Molybdenum	97-1	8749317	8887026	8904183	8846842	0.96	cps
Molybdenum	98-1	22532939	22666766	22811800	22670502	0.62	cps
Neodymium	150-1	20	40	47	36	39.03	cps
Neodymium	150-2	27	27	17	23	24.74	cps
Nickel	60-2	52019	51551	52541	52037	0.95	cps
Phosphorus	31-2	749683	747627	754849	750720	0.50	cps
Potassium	39-2	36284987	35839317	36330134	36151480	0.75	cps
Rhodium	103-2	5077373	5082259	5128727	5096119	0.56	cps
Rhodium	103-1	10007639	10204849	10145904	10119464	1.00	cps
Scandium	45-1	6777736	6787010	6893347	6819364	0.94	cps
Scandium	45-2	371017	364793	371659	369156	1.03	cps
Selenium	77-2	233	253	250	246	4.36	cps
Selenium	78-2	996	991	987	991	0.47	cps
Selenium	82-1	3943	4111	3846	3967	3.38	cps
Silicon	28-1	1533767	1528939	1540887	1534531	0.39	cps
Silver	109-1	308917	306781	307716	307805	0.35	cps
Silver	107-1	322195	324753	322876	323275	0.41	cps
Sodium	23-2	57511118	57143916	57353933	57336322	0.32	cps
Strontium	86-1	376178	377020	378910	377369	0.37	cps
Strontium	88-1	3222305	3222156	3245792	3230084	0.42	cps
Sulfur	34-1	5008941	5003496	5037495	5016644	0.36	cps
Terbium	159-1	12841882	12991202	13276531	13036538	1.69	cps
Terbium	159-2	7081634	7177036	7157064	7138578	0.70	cps
Thallium	203-1	219389	217140	218258	218262	0.52	cps
Thallium	205-1	510178	515130	514336	513215	0.52	cps
Tin	118-1	537001	543082	541330	540471	0.58	cps
Titanium	47-1	3759581	3792406	3842773	3798253	1.10	cps
Uranium	238-1	1620449	1608225	1642229	1623635	1.06	cps
Vanadium	51-2	80123	79164	81219	80169	1.28	cps
Yttrium	89-2	1974231	1965647	1997031	1978970	0.82	cps
Yttrium	89-1	11928577	11944187	12087506	11986757	0.73	cps
Zinc	66-2	24975	24998	24875	24949	0.26	cps
Zirconium	90-1	1168387	1171329	1173577	1171098	0.22	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:24:46	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258896	258241	259862	259000	0.31	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:28:14	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1273869	1271548	1288768	1278062	0.73	cps
Antimony	121-1	7165092	7046115	7026374	7079194	1.06	cps
Arsenic	75-2	316903	318001	319004	317969	0.33	cps
Barium	135-1	8374502	8195580	8182294	8250792	1.30	cps
Barium	137-1	14297166	14058452	13980868	14112162	1.17	cps
Beryllium	9-1	711500	711682	709953	711045	0.13	cps
Bismuth	209-1	7324728	7244846	7217762	7262445	0.77	cps
Bismuth	209-2	5205050	5218954	5223140	5215715	0.18	cps
Boron	10-1	99642	99409	101539	100197	1.17	cps
Boron	11-1	505363	513862	520352	513192	1.46	cps
Cadmium	106-1	193448	196901	196259	195536	0.94	cps
Cadmium	108-1	128069	129031	127605	128235	0.57	cps
Cadmium	111-1	1667459	1692055	1683370	1680962	0.74	cps
Calcium	43-1	1958313	1971877	1982601	1970930	0.62	cps
Calcium	44-1	31657657	31814366	32068657	31846893	0.65	cps
Chromium	52-2	2519484	2528722	2531511	2526572	0.25	cps
Cobalt	59-2	4074601	4084971	4100983	4086852	0.33	cps
Copper	63-2	5843548	5999920	6108345	5983938	2.22	cps
Dysprosium	156-2	30	33	23	29	17.63	cps
Dysprosium	156-1	108	117	125	117	7.14	cps
Erbium	164-1	50	100	67	72	35.26	cps
Erbium	164-2	23	33	43	33	30.00	cps
Gadolinium	160-2	67	57	87	70	21.82	cps
Gadolinium	160-1	192	125	142	153	22.71	cps
Holmium	165-2	7145437	7160192	7187478	7164369	0.30	cps
Holmium	165-1	12420509	12265880	12163477	12283288	1.05	cps
Indium	115-1	11216354	11136665	11208712	11187244	0.39	cps
Indium	115-2	2532646	2560613	2540161	2544473	0.57	cps
Iron	56-2	106637744	106080416	106391391	106369851	0.26	cps
Iron	57-2	2561544	2560550	2566601	2562898	0.13	cps
Lead	206-1	4330447	4410318	4389859	4376875	0.95	cps
Lead	207-1	3969460	3989747	3993420	3984209	0.32	cps
Lead	208-1	17931920	17991016	18002363	17975100	0.21	cps
Lithium	6-1	626344	624796	629462	626867	0.38	cps
Magnesium	24-2	15914431	15748059	15994361	15885617	0.79	cps
Manganese	55-2	2828538	2850352	2857886	2845592	0.54	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:28:14	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6636700	6588224	6607862	6610929	0.37	cps
Molybdenum	95-1	3435799	3447676	3427500	3436991	0.30	cps
Molybdenum	96-1	4420962	4418354	4418062	4419126	0.04	cps
Molybdenum	97-1	2131140	2150586	2136832	2139519	0.47	cps
Molybdenum	98-1	5493766	5527500	5776202	5599156	2.75	cps
Neodymium	150-1	327	433	387	382	13.99	cps
Neodymium	150-2	43	77	73	64	28.49	cps
Nickel	60-2	1085480	1090939	1091863	1089427	0.32	cps
Phosphorus	31-2	80376	82352	81716	81481	1.24	cps
Potassium	39-2	9730739	9770728	9786606	9762691	0.29	cps
Rhodium	103-2	5254979	5275098	5315374	5281817	0.58	cps
Rhodium	103-1	10272671	10196404	10426604	10298560	1.14	cps
Scandium	45-1	6836467	6876489	6850679	6854545	0.30	cps
Scandium	45-2	381133	384992	387309	384478	0.81	cps
Selenium	77-2	6175	6352	5778	6101	4.81	cps
Selenium	78-2	20444	20216	20298	20319	0.57	cps
Selenium	82-1	105840	107143	106700	106561	0.62	cps
Silicon	28-1	4145998	4185693	4177789	4169826	0.50	cps
Silver	109-1	8412107	8579499	8480246	8490617	0.99	cps
Silver	107-1	8923729	8925234	8835748	8894903	0.58	cps
Sodium	23-2	30508974	30366429	30590043	30488482	0.37	cps
Strontium	86-1	2322558	2329492	2335123	2329058	0.27	cps
Strontium	88-1	20375467	20549765	20456131	20460454	0.43	cps
Sulfur	34-1	1250268	1262234	1254935	1255812	0.48	cps
Terbium	159-1	13010305	12921701	12965631	12965879	0.34	cps
Terbium	159-2	7246978	7240531	7197011	7228173	0.38	cps
Thallium	203-1	5497895	5568393	5565800	5544029	0.72	cps
Thallium	205-1	13251367	13276906	13364473	13297582	0.45	cps
Tin	118-1	5656973	5667816	5648428	5657739	0.17	cps
Titanium	47-1	957713	967729	963514	962985	0.52	cps
Uranium	238-1	17069054	16886429	17078689	17011391	0.64	cps
Vanadium	51-2	2112057	2127163	2121836	2120352	0.36	cps
Yttrium	89-2	2027011	2033350	2043866	2034742	0.42	cps
Yttrium	89-1	11890385	11975022	12016972	11960793	0.54	cps
Zinc	66-2	807723	809339	813981	810348	0.40	cps
Zirconium	90-1	12537513	12574730	12554209	12555484	0.15	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:28:14	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2712061	2720626	2727479	2720055	0.28	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:37:40	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	125	67	103	30.70	cps
Antimony	121-1	18897	22819	25282	22333	14.42	cps
Arsenic	75-2	107	117	115	113	4.34	cps
Barium	135-1	75	92	142	103	33.76	cps
Barium	137-1	108	125	200	144	33.80	cps
Beryllium	9-1	67	72	111	83	29.06	cps
Bismuth	209-1	7378262	7272434	7338804	7329834	0.73	cps
Bismuth	209-2	5133691	5206301	5192222	5177405	0.74	cps
Boron	10-1	925	950	842	906	6.26	cps
Boron	11-1	4634	4217	3926	4259	8.36	cps
Cadmium	106-1	4734	4518	4559	4604	2.50	cps
Cadmium	108-1	25	17	13	18	35.25	cps
Cadmium	111-1	2407	2302	2318	2343	2.41	cps
Calcium	43-1	933	908	867	903	3.73	cps
Calcium	44-1	34090	32670	32879	33213	2.31	cps
Chromium	52-2	1083	1080	1057	1073	1.35	cps
Cobalt	59-2	93	130	110	111	16.52	cps
Copper	63-2	1247	1360	1453	1353	7.65	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	10	13	30	18	60.28	cps
Gadolinium	160-2	43	57	30	43	30.77	cps
Gadolinium	160-1	83	50	108	81	36.33	cps
Holmium	165-2	7012276	7040177	7066478	7039644	0.39	cps
Holmium	165-1	11951131	11972576	11997037	11973581	0.19	cps
Indium	115-1	11233945	11177075	11271322	11227447	0.42	cps
Indium	115-2	2563250	2534113	2526710	2541358	0.76	cps
Iron	56-2	12317	12539	12506	12454	0.96	cps
Iron	57-2	222	294	289	269	14.97	cps
Lead	206-1	1539	1428	1439	1469	4.17	cps
Lead	207-1	1183	1195	1195	1191	0.54	cps
Lead	208-1	5812	5528	5428	5590	3.56	cps
Lithium	6-1	622896	621004	622570	622157	0.16	cps
Magnesium	24-2	400	442	517	453	13.06	cps
Manganese	55-2	70	63	93	76	20.86	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:37:40	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2442	3042	3317	2934	15.26	cps
Molybdenum	95-1	3017	4251	5001	4090	24.49	cps
Molybdenum	96-1	3117	4676	5268	4354	25.52	cps
Molybdenum	97-1	2059	2492	3517	2689	27.85	cps
Molybdenum	98-1	5110	6202	7903	6405	21.98	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	183	163	197	181	9.26	cps
Phosphorus	31-2	533	658	433	542	20.81	cps
Potassium	39-2	71020	71524	71774	71439	0.54	cps
Rhodium	103-2	5340203	5304065	5345040	5329769	0.42	cps
Rhodium	103-1	10424467	10564111	10476136	10488238	0.67	cps
Scandium	45-1	6761397	6740588	6715173	6739053	0.34	cps
Scandium	45-2	374626	373174	370051	372617	0.63	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	213	243	235	230	6.70	cps
Selenium	82-1	-77	-115	104	-29	-404.14	cps
Silicon	28-1	967251	986591	966265	973369	1.18	cps
Silver	109-1	367	433	358	386	10.65	cps
Silver	107-1	600	500	658	586	13.66	cps
Sodium	23-2	44133	45646	45445	45075	1.82	cps
Strontium	86-1	5335	5276	4709	5107	6.76	cps
Strontium	88-1	425	442	242	369	30.04	cps
Sulfur	34-1	643570	642082	636544	640732	0.58	cps
Terbium	159-1	12763135	12715536	12782892	12753855	0.27	cps
Terbium	159-2	7021708	7176752	7038886	7079115	1.20	cps
Thallium	203-1	767	742	842	783	6.64	cps
Thallium	205-1	1750	1800	1667	1739	3.87	cps
Tin	118-1	1458	1809	2142	1803	18.96	cps
Titanium	47-1	192	192	267	217	19.98	cps
Uranium	238-1	308	342	267	306	12.30	cps
Vanadium	51-2	30	43	50	41	24.77	cps
Yttrium	89-2	1986157	1981563	1987733	1985151	0.16	cps
Yttrium	89-1	11842090	11647399	11784649	11758046	0.85	cps
Zinc	66-2	130	160	153	148	10.66	cps
Zirconium	90-1	1542	1592	1500	1545	2.97	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:37:40	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	433	258	308	35.34	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:41:09	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2442	2442	3125	2670	14.78	cps
Antimony	121-1	32823	33951	34594	33789	2.65	cps
Arsenic	75-2	711	654	737	701	6.09	cps
Barium	135-1	31420	31245	31495	31386	0.41	cps
Barium	137-1	55219	54257	54416	54630	0.94	cps
Beryllium	9-1	1533	1539	1378	1483	6.17	cps
Bismuth	209-1	7327871	7292200	7301958	7307343	0.25	cps
Bismuth	209-2	5158416	5188610	5209848	5185625	0.50	cps
Boron	10-1	1725	1517	1717	1653	7.14	cps
Boron	11-1	8027	8394	8136	8186	2.30	cps
Cadmium	106-1	4909	5118	4893	4973	2.52	cps
Cadmium	108-1	292	329	296	306	6.73	cps
Cadmium	111-1	5476	5705	5451	5544	2.52	cps
Calcium	43-1	19547	19564	19705	19605	0.44	cps
Calcium	44-1	340806	338897	340904	340202	0.33	cps
Chromium	52-2	11638	11581	11174	11465	2.21	cps
Cobalt	59-2	8369	8309	8479	8386	1.03	cps
Copper	63-2	13009	13159	13116	13095	0.59	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Erbium	164-1	92	58	75	75	22.22	cps
Erbium	164-2	33	37	40	37	9.10	cps
Gadolinium	160-2	23	40	57	40	41.68	cps
Gadolinium	160-1	33	133	175	114	63.93	cps
Holmium	165-2	6998914	6949427	6983223	6977188	0.36	cps
Holmium	165-1	11952443	11912960	11947516	11937640	0.18	cps
Indium	115-1	11175291	11210783	11167018	11184364	0.21	cps
Indium	115-2	2524010	2552180	2554194	2543461	0.66	cps
Iron	56-2	213625	216008	218373	216002	1.10	cps
Iron	57-2	5434	5629	5451	5505	1.96	cps
Lead	206-1	9726	9687	9809	9741	0.64	cps
Lead	207-1	8970	9020	8620	8870	2.46	cps
Lead	208-1	40175	40336	39786	40099	0.71	cps
Lithium	6-1	615038	615922	616673	615877	0.13	cps
Magnesium	24-2	154101	156722	156845	155889	0.99	cps
Manganese	55-2	3000	2897	2707	2868	5.19	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:41:09	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28120	27945	27369	27811	1.41	cps
Molybdenum	95-1	34184	35036	35788	35002	2.29	cps
Molybdenum	96-1	38453	38787	39882	39041	1.91	cps
Molybdenum	97-1	21751	21759	22043	21851	0.76	cps
Molybdenum	98-1	56279	56647	57576	56834	1.18	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	2200	2367	2500	2356	6.38	cps
Phosphorus	31-2	708	733	608	683	9.68	cps
Potassium	39-2	252029	254131	258816	254992	1.36	cps
Rhodium	103-2	5315583	5375087	5382078	5357582	0.68	cps
Rhodium	103-1	10492257	10452623	10326793	10423891	0.83	cps
Scandium	45-1	6796258	6747511	6740700	6761490	0.45	cps
Scandium	45-2	372789	370458	373782	372343	0.46	cps
Selenium	77-2	47	37	60	48	24.50	cps
Selenium	78-2	474	450	376	433	11.81	cps
Selenium	82-1	812	823	1004	880	12.21	cps
Silicon	28-1	1000903	1003376	1002547	1002275	0.13	cps
Silver	109-1	25057	25057	25148	25087	0.21	cps
Silver	107-1	26626	26075	26860	26520	1.52	cps
Sodium	23-2	340136	342833	345743	342904	0.82	cps
Strontium	86-1	9479	9829	9620	9643	1.83	cps
Strontium	88-1	40424	40968	40207	40533	0.97	cps
Sulfur	34-1	645411	648246	656215	649957	0.86	cps
Terbium	159-1	12708876	12502925	12842390	12684730	1.35	cps
Terbium	159-2	7098411	6991512	6954080	7014668	1.07	cps
Thallium	203-1	11606	11389	11113	11369	2.17	cps
Thallium	205-1	26561	26836	26611	26669	0.55	cps
Tin	118-1	57201	57444	57762	57469	0.49	cps
Titanium	47-1	9478	9470	9820	9590	2.08	cps
Uranium	238-1	32968	35174	35049	34397	3.60	cps
Vanadium	51-2	20481	20368	20101	20316	0.96	cps
Yttrium	89-2	1978736	1993238	1996602	1989525	0.48	cps
Yttrium	89-1	11599419	11885536	11942909	11809288	1.56	cps
Zinc	66-2	1667	1800	1883	1783	6.13	cps
Zirconium	90-1	21725	22769	21459	21984	3.15	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:41:09	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4501	4993	4359	4618	7.20	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:44:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	83	158	103	47.51	cps
Antimony	121-1	3017	3567	4109	3564	15.32	cps
Arsenic	75-2	48	67	67	60	17.67	cps
Barium	135-1	33	50	33	39	24.74	cps
Barium	137-1	92	83	92	89	5.41	cps
Beryllium	9-1	56	61	56	57	5.58	cps
Bismuth	209-1	7292214	7299284	7121309	7237602	1.39	cps
Bismuth	209-2	5072764	5184069	5183103	5146645	1.24	cps
Boron	10-1	558	667	508	578	14.01	cps
Boron	11-1	2942	2825	2792	2853	2.76	cps
Cadmium	106-1	4534	4809	4768	4704	3.15	cps
Cadmium	108-1	33	42	17	31	41.66	cps
Cadmium	111-1	2279	2405	2411	2365	3.15	cps
Calcium	43-1	967	892	950	936	4.21	cps
Calcium	44-1	32545	32328	33389	32754	1.71	cps
Chromium	52-2	1083	1047	1133	1088	4.00	cps
Cobalt	59-2	77	120	83	93	25.00	cps
Copper	63-2	1050	1073	1083	1069	1.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Erbium	164-1	17	42	50	36	48.03	cps
Erbium	164-2	13	20	23	19	26.96	cps
Gadolinium	160-2	33	60	40	44	31.23	cps
Gadolinium	160-1	58	67	92	72	24.02	cps
Holmium	165-1	11883687	11881454	11824404	11863182	0.28	cps
Holmium	165-2	6807933	6992644	7005933	6935503	1.60	cps
Indium	115-2	2541562	2525812	2517899	2528424	0.48	cps
Indium	115-1	11238419	11153695	11203633	11198582	0.38	cps
Iron	56-2	9320	9715	9592	9542	2.12	cps
Iron	57-2	211	211	250	224	10.02	cps
Lead	206-1	1283	1478	1495	1419	8.27	cps
Lead	207-1	1311	1245	1267	1274	2.66	cps
Lead	208-1	5806	5573	5812	5730	2.38	cps
Lithium	6-1	623037	614541	621667	619748	0.74	cps
Magnesium	24-2	275	250	283	269	6.44	cps
Manganese	55-2	97	73	73	81	16.61	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:44:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1408	1767	1609	1595	11.26	cps
Molybdenum	95-1	1317	1834	2317	1822	27.45	cps
Molybdenum	96-1	1625	2150	2550	2109	22.00	cps
Molybdenum	97-1	975	1233	1542	1250	22.70	cps
Molybdenum	98-1	2384	3217	3576	3059	19.99	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	170	143	147	153	9.47	cps
Phosphorus	31-2	550	575	667	597	10.29	cps
Potassium	39-2	70685	71631	70401	70906	0.91	cps
Rhodium	103-1	10396542	10519129	10565638	10493769	0.83	cps
Rhodium	103-2	5328182	5349396	5321654	5333077	0.27	cps
Scandium	45-2	372482	375257	373400	373713	0.38	cps
Scandium	45-1	6730330	6706302	6726933	6721189	0.19	cps
Selenium	82-1	-126	-174	23	-93	-111.08	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	219	272	222	238	12.62	cps
Silicon	28-1	968780	973137	968120	970012	0.28	cps
Silver	109-1	250	208	250	236	10.19	cps
Silver	107-1	350	400	333	361	9.61	cps
Sodium	23-2	42745	42093	41901	42247	1.05	cps
Strontium	86-1	4934	5159	5301	5132	3.60	cps
Strontium	88-1	258	283	283	275	5.25	cps
Sulfur	34-1	654220	653081	660712	656004	0.63	cps
Terbium	159-1	12738105	12476721	12570259	12595028	1.05	cps
Terbium	159-2	7109464	6980451	6934732	7008216	1.29	cps
Thallium	203-1	550	500	458	503	9.13	cps
Thallium	205-1	1142	1150	983	1092	8.60	cps
Tin	118-1	1150	1158	1600	1303	19.76	cps
Titanium	47-1	225	200	133	186	25.46	cps
Uranium	238-1	133	225	117	158	36.84	cps
Vanadium	51-2	13	37	23	24	47.91	cps
Yttrium	89-2	1979786	1996984	2003995	1993588	0.62	cps
Yttrium	89-1	11935158	11823117	11671516	11809930	1.12	cps
Zinc	66-2	157	130	120	136	13.98	cps
Zirconium	90-1	1225	1325	1400	1317	6.67	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:44:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	342	425	356	17.90	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:48:11	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5376	5251	5126	5251	2.38	cps
Antimony	121-1	57602	55435	58255	57097	2.58	cps
Arsenic	75-2	1274	1276	1241	1264	1.57	cps
Barium	135-1	61637	61403	61311	61450	0.27	cps
Barium	137-1	103795	104266	103158	103740	0.54	cps
Beryllium	9-1	3034	3012	2778	2941	4.81	cps
Bismuth	209-1	7141107	7074258	6948471	7054612	1.39	cps
Bismuth	209-2	5121639	5150479	5064469	5112196	0.86	cps
Boron	10-1	2517	2484	2400	2467	2.44	cps
Boron	11-1	12581	12656	13065	12767	2.04	cps
Cadmium	106-1	5310	5435	5118	5287	3.02	cps
Cadmium	108-1	575	471	533	526	9.96	cps
Cadmium	111-1	8706	8691	8806	8734	0.71	cps
Calcium	43-1	38526	38701	37273	38167	2.04	cps
Calcium	44-1	638014	623873	634698	632195	1.17	cps
Chromium	52-2	21930	21449	21633	21671	1.12	cps
Cobalt	59-2	16446	16169	16313	16309	0.85	cps
Copper	63-2	24300	24845	24815	24653	1.24	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Erbium	164-1	100	100	133	111	17.32	cps
Erbium	164-2	30	50	53	44	28.39	cps
Gadolinium	160-2	37	63	47	49	27.55	cps
Gadolinium	160-1	83	83	100	89	10.82	cps
Holmium	165-2	6906684	7019784	6776426	6900965	1.76	cps
Holmium	165-1	11866040	11697241	11740074	11767785	0.75	cps
Indium	115-1	11273079	10948534	11178726	11133446	1.50	cps
Indium	115-2	2549034	2521014	2549725	2539924	0.64	cps
Iron	56-2	1849428	1871849	1860509	1860595	0.60	cps
Iron	57-2	45911	46714	46117	46247	0.90	cps
Lead	206-1	17957	18013	18664	18211	2.16	cps
Lead	207-1	16494	16305	16110	16303	1.18	cps
Lead	208-1	73225	72545	73977	73249	0.98	cps
Lithium	6-1	616656	616425	615725	616269	0.08	cps
Magnesium	24-2	305764	302658	305404	304609	0.56	cps
Manganese	55-2	5678	5738	5745	5720	0.64	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:48:11	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	52280	52489	52900	52556	0.60	cps
Molybdenum	95-1	64615	65208	64781	64868	0.47	cps
Molybdenum	96-1	69372	70961	72527	70953	2.22	cps
Molybdenum	97-1	40359	40751	40417	40509	0.52	cps
Molybdenum	98-1	104246	101704	103693	103214	1.30	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4768	4768	4828	4788	0.72	cps
Phosphorus	31-2	842	908	842	864	4.46	cps
Potassium	39-2	435928	431598	433057	433528	0.51	cps
Rhodium	103-2	5350453	5289971	5322140	5320854	0.57	cps
Rhodium	103-1	10586023	10359098	10336428	10427183	1.32	cps
Scandium	45-1	6826085	6687788	6739434	6751102	1.04	cps
Scandium	45-2	375754	374922	377004	375894	0.28	cps
Selenium	77-2	103	140	83	109	26.39	cps
Selenium	78-2	691	585	635	637	8.29	cps
Selenium	82-1	2032	1935	1900	1956	3.49	cps
Silicon	28-1	1051017	1045456	1048093	1048189	0.27	cps
Silver	109-1	34660	34994	36139	35265	2.20	cps
Silver	107-1	37826	36624	37442	37297	1.65	cps
Sodium	23-2	642699	634897	631858	636485	0.88	cps
Strontium	86-1	14183	14224	14608	14338	1.64	cps
Strontium	88-1	79404	78164	78825	78798	0.79	cps
Sulfur	34-1	687781	681318	682534	683877	0.50	cps
Terbium	159-1	12621898	12286566	12526533	12478332	1.38	cps
Terbium	159-2	6985286	6932924	6964732	6960981	0.38	cps
Thallium	203-1	20809	22395	22228	21810	3.99	cps
Thallium	205-1	51116	49937	49887	50313	1.38	cps
Tin	118-1	110062	108130	107938	108710	1.08	cps
Titanium	47-1	18062	18662	18746	18490	2.02	cps
Uranium	238-1	65022	64720	64712	64818	0.27	cps
Vanadium	51-2	39323	39155	40656	39711	2.07	cps
Yttrium	89-2	1981109	1994284	1980441	1985278	0.39	cps
Yttrium	89-1	11749889	11685011	11802452	11745784	0.50	cps
Zinc	66-2	3637	3684	3447	3589	3.49	cps
Zirconium	90-1	43667	42130	42096	42631	2.11	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97516BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:48:11	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9645	9370	9412	9476	1.57	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:51:42	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	133	58	92	41.66	cps
Antimony	121-1	1750	1925	2259	1978	13.06	cps
Arsenic	75-2	50	39	57	49	19.11	cps
Barium	135-1	50	42	33	42	20.00	cps
Barium	137-1	67	133	75	92	39.63	cps
Beryllium	9-1	44	50	61	52	16.36	cps
Bismuth	209-1	6988457	7195656	7011398	7065170	1.61	cps
Bismuth	209-2	5008954	5044448	5133911	5062438	1.27	cps
Boron	10-1	467	467	517	483	5.97	cps
Boron	11-1	2259	2292	2409	2320	3.40	cps
Cadmium	106-1	4576	4734	4676	4662	1.72	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Cadmium	111-1	2290	2378	2348	2338	1.91	cps
Calcium	43-1	908	783	792	828	8.44	cps
Calcium	44-1	31426	32203	31651	31760	1.26	cps
Chromium	52-2	1180	983	1037	1067	9.54	cps
Cobalt	59-2	83	43	73	67	31.23	cps
Copper	63-2	887	860	943	897	4.75	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-2	47	50	20	39	42.28	cps
Gadolinium	160-1	108	83	100	97	13.09	cps
Holmium	165-2	6806437	6880377	6983680	6890165	1.29	cps
Holmium	165-1	11563504	11793232	11694789	11683842	0.99	cps
Indium	115-1	11079690	11026758	11157720	11088056	0.59	cps
Indium	115-2	2501882	2509267	2518944	2510031	0.34	cps
Iron	56-2	9159	8870	9287	9105	2.35	cps
Iron	57-2	156	222	167	181	19.68	cps
Lead	206-1	1400	1422	1389	1404	1.21	cps
Lead	207-1	1378	1261	1267	1302	5.06	cps
Lead	208-1	5834	5606	5834	5758	2.28	cps
Lithium	6-1	619661	615447	620571	618560	0.44	cps
Magnesium	24-2	192	208	267	222	17.72	cps
Manganese	55-2	57	80	63	67	18.03	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:51:42	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1133	1442	1734	1436	20.89	cps
Molybdenum	95-1	933	1283	1500	1239	23.08	cps
Molybdenum	96-1	1242	1750	1917	1636	21.49	cps
Molybdenum	97-1	658	983	1200	947	28.78	cps
Molybdenum	98-1	1717	2167	2625	2170	20.94	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	200	160	170	177	11.79	cps
Phosphorus	31-2	500	458	567	508	10.75	cps
Potassium	39-2	70292	70149	72712	71051	2.03	cps
Rhodium	103-2	5254115	5268595	5291786	5271499	0.36	cps
Rhodium	103-1	10269606	10437650	10267922	10325059	0.94	cps
Scandium	45-1	6724115	6720632	6780394	6741713	0.50	cps
Scandium	45-2	373418	371957	371085	372153	0.32	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	256	219	256	243	8.79	cps
Selenium	82-1	8	-156	189	14	1267.26	cps
Silicon	28-1	974360	973098	970744	972734	0.19	cps
Silver	109-1	292	217	192	233	22.30	cps
Silver	107-1	233	242	275	250	8.82	cps
Sodium	23-2	40555	40991	40824	40790	0.54	cps
Strontium	86-1	5160	5310	5134	5201	1.82	cps
Strontium	88-1	300	325	258	294	11.44	cps
Sulfur	34-1	681368	675715	685392	680825	0.71	cps
Terbium	159-1	12475288	12481904	12271031	12409407	0.97	cps
Terbium	159-2	6882842	6973601	6911142	6922528	0.67	cps
Thallium	203-1	250	417	300	322	26.54	cps
Thallium	205-1	825	808	683	772	10.03	cps
Tin	118-1	1125	1333	1392	1283	10.92	cps
Titanium	47-1	158	208	225	197	17.59	cps
Uranium	238-1	58	108	75	81	31.60	cps
Vanadium	51-2	37	20	33	30	29.40	cps
Yttrium	89-2	1957626	1964616	1970421	1964221	0.33	cps
Yttrium	89-1	11763453	11674182	11725938	11721191	0.38	cps
Zinc	66-2	123	127	127	126	1.53	cps
Zirconium	90-1	1208	1634	1742	1528	18.45	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:51:42	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	233	300	256	15.06	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:55:13	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5493	5034	4976	5168	5.48	cps
Antimony	121-1	56674	56590	56589	56618	0.09	cps
Arsenic	75-2	1296	1198	1248	1248	3.93	cps
Barium	135-1	61922	61763	62785	62157	0.88	cps
Barium	137-1	106171	103914	104098	104728	1.20	cps
Beryllium	9-1	2861	2661	2989	2837	5.82	cps
Bismuth	209-1	7137811	7240298	7270707	7216272	0.96	cps
Bismuth	209-2	5084155	5127468	5135140	5115587	0.54	cps
Boron	10-1	2334	2359	2459	2384	2.78	cps
Boron	11-1	11655	11880	12431	11989	3.33	cps
Cadmium	106-1	5210	5460	4876	5182	5.65	cps
Cadmium	108-1	533	504	517	518	2.83	cps
Cadmium	111-1	8635	8498	8658	8597	1.00	cps
Calcium	43-1	39312	38242	37950	38501	1.86	cps
Calcium	44-1	644208	640114	641572	641965	0.32	cps
Chromium	52-2	22037	22184	21913	22044	0.61	cps
Cobalt	59-2	16393	16122	16416	16310	1.00	cps
Copper	63-2	24090	25092	25382	24855	2.73	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Erbium	164-1	100	58	108	89	30.13	cps
Erbium	164-2	53	30	77	53	43.75	cps
Gadolinium	160-2	43	73	40	52	35.15	cps
Gadolinium	160-1	117	83	92	97	17.84	cps
Holmium	165-2	6905557	6950977	6871698	6909411	0.58	cps
Holmium	165-1	11739153	11870288	11700683	11770041	0.76	cps
Indium	115-1	11074204	10978386	11033472	11028687	0.44	cps
Indium	115-2	2502204	2510621	2511769	2508198	0.21	cps
Iron	56-2	1911421	1919318	1926107	1918949	0.38	cps
Iron	57-2	47739	47890	47433	47687	0.49	cps
Lead	206-1	18791	18830	18591	18738	0.68	cps
Lead	207-1	16906	16644	16644	16731	0.90	cps
Lead	208-1	76059	75223	75798	75693	0.56	cps
Lithium	6-1	616768	613160	629428	619785	1.38	cps
Magnesium	24-2	308043	312511	307214	309256	0.92	cps
Manganese	55-2	5718	5718	5701	5712	0.17	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:55:13	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	52974	52331	52882	52729	0.66	cps
Molybdenum	95-1	66724	66003	65493	66073	0.94	cps
Molybdenum	96-1	73742	72166	72493	72800	1.14	cps
Molybdenum	97-1	41795	40976	40734	41169	1.35	cps
Molybdenum	98-1	104205	102526	105396	104042	1.39	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	4524	5068	4898	4830	5.76	cps
Phosphorus	31-2	908	933	767	870	10.34	cps
Potassium	39-2	431605	436575	436880	435020	0.68	cps
Rhodium	103-2	5265133	5315928	5284223	5288428	0.49	cps
Rhodium	103-1	10606261	10326688	10313989	10415646	1.59	cps
Scandium	45-1	6805222	6707026	6634694	6715648	1.27	cps
Scandium	45-2	368412	370193	374723	371109	0.88	cps
Selenium	77-2	87	140	117	114	23.36	cps
Selenium	78-2	598	574	661	611	7.35	cps
Selenium	82-1	1825	2074	2016	1971	6.61	cps
Silicon	28-1	1053006	1050236	1047565	1050269	0.26	cps
Silver	109-1	35504	33984	33908	34465	2.61	cps
Silver	107-1	35972	36089	35663	35908	0.61	cps
Sodium	23-2	642408	636982	633863	637751	0.68	cps
Strontium	86-1	14358	13941	14258	14185	1.53	cps
Strontium	88-1	78842	79546	80359	79582	0.95	cps
Sulfur	34-1	691077	689243	682242	687520	0.68	cps
Terbium	159-1	12440684	12462225	12600809	12501240	0.70	cps
Terbium	159-2	6916021	6885696	7057307	6953008	1.32	cps
Thallium	203-1	20859	21151	21168	21059	0.82	cps
Thallium	205-1	50171	51711	49302	50394	2.42	cps
Tin	118-1	109492	109190	108340	109007	0.55	cps
Titanium	47-1	18504	18704	18237	18482	1.27	cps
Uranium	238-1	65406	67417	66228	66351	1.52	cps
Vanadium	51-2	39851	40058	40068	39992	0.31	cps
Yttrium	89-2	1967117	1979322	1977530	1974656	0.33	cps
Yttrium	89-1	11723174	11728319	11882654	11778049	0.77	cps
Zinc	66-2	3561	3547	3737	3615	2.93	cps
Zirconium	90-1	44111	43718	43024	43618	1.26	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	PB97517BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:55:13	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9679	9303	9187	9390	2.74	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01	Instrumnet Name :	P7
Client Sample ID :	MX2877	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:58:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	183	183	189	5.10	cps
Antimony	121-1	205308	197186	190465	197653	3.76	cps
Arsenic	75-2	6802	6724	7081	6869	2.74	cps
Barium	135-1	163224	160974	160359	161519	0.93	cps
Barium	137-1	277729	276642	279700	278024	0.56	cps
Beryllium	9-1	6229	5612	5879	5907	5.24	cps
Bismuth	209-1	7271705	7254655	7319573	7281978	0.46	cps
Bismuth	209-2	5058366	5215271	5071115	5114918	1.70	cps
Boron	10-1	475	325	375	392	19.50	cps
Boron	11-1	2134	1942	2050	2042	4.71	cps
Cadmium	106-1	6844	6393	6402	6546	3.93	cps
Cadmium	108-1	1600	1808	1642	1683	6.55	cps
Cadmium	111-1	25280	25093	25665	25346	1.15	cps
Calcium	43-1	29622	29514	29580	29572	0.19	cps
Calcium	44-1	494839	496104	497935	496293	0.31	cps
Chromium	52-2	987	1087	1190	1088	9.35	cps
Cobalt	59-2	67	103	90	87	21.42	cps
Copper	63-2	67582	68339	67588	67836	0.64	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	10	30	17	19	53.91	cps
Gadolinium	160-2	30	47	30	36	27.07	cps
Gadolinium	160-1	75	75	117	89	27.07	cps
Holmium	165-2	6872210	7037696	6816533	6908813	1.67	cps
Holmium	165-1	11915434	12091198	11919809	11975480	0.84	cps
Indium	115-1	11364313	11240638	11098437	11234462	1.18	cps
Indium	115-2	2526933	2527079	2518456	2524156	0.20	cps
Iron	56-2	12950	14079	13429	13486	4.20	cps
Iron	57-2	378	361	239	326	23.27	cps
Lead	206-1	56425	55276	54295	55332	1.93	cps
Lead	207-1	47898	48049	48300	48082	0.42	cps
Lead	208-1	219973	220456	219859	220096	0.14	cps
Lithium	6-1	625392	630884	623983	626753	0.58	cps
Magnesium	24-2	333	450	358	381	16.14	cps
Manganese	55-2	42608	43267	43157	43011	0.82	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01	Instrumnet Name :	P7
Client Sample ID :	MX2877	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:58:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1133	1425	1784	1447	22.50	cps
Molybdenum	95-1	850	1275	1317	1147	22.51	cps
Molybdenum	96-1	1092	1350	1625	1356	19.68	cps
Molybdenum	97-1	525	675	967	722	31.10	cps
Molybdenum	98-1	1417	2184	2559	2053	28.35	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	15966	15689	15962	15872	1.00	cps
Phosphorus	31-2	492	600	500	531	11.36	cps
Potassium	39-2	241558	240451	240071	240693	0.32	cps
Rhodium	103-2	5278714	5345223	5270261	5298066	0.77	cps
Rhodium	103-1	10425888	10463658	10349327	10412958	0.56	cps
Scandium	45-1	6882669	6840848	6785923	6836480	0.71	cps
Scandium	45-2	376267	374316	371827	374137	0.59	cps
Selenium	77-2	287	250	280	272	7.17	cps
Selenium	78-2	1233	1282	1087	1201	8.43	cps
Selenium	82-1	5181	5180	5221	5194	0.45	cps
Silicon	28-1	983173	979133	985843	982716	0.34	cps
Silver	109-1	183368	184719	183113	183733	0.47	cps
Silver	107-1	192264	190373	192063	191567	0.54	cps
Sodium	23-2	498664	504272	495185	499374	0.92	cps
Strontium	86-1	5293	5343	4926	5187	4.39	cps
Strontium	88-1	1275	1175	1300	1250	5.29	cps
Sulfur	34-1	683454	688917	690240	687537	0.52	cps
Terbium	159-1	12644760	12609366	12741052	12665059	0.54	cps
Terbium	159-2	7059518	6958038	7054498	7024018	0.81	cps
Thallium	203-1	54470	57208	55944	55874	2.45	cps
Thallium	205-1	132539	131513	134334	132795	1.08	cps
Tin	118-1	1442	1550	1542	1511	3.99	cps
Titanium	47-1	142	217	233	197	24.76	cps
Uranium	238-1	75	117	133	108	27.74	cps
Vanadium	51-2	27	60	43	43	38.46	cps
Yttrium	89-2	1967149	1992897	1962547	1974198	0.83	cps
Yttrium	89-1	11747145	11737024	11802579	11762249	0.30	cps
Zinc	66-2	17013	16933	16553	16833	1.46	cps
Zirconium	90-1	1517	1717	1517	1584	7.29	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01	Instrumnet Name :	P7
Client Sample ID :	MX2877	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 16:58:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	375	383	372	3.42	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-02	Instrumnet Name :	P7
Client Sample ID :	MX2877D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:02:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	158	217	175	20.76	cps
Antimony	121-1	212984	210058	205105	209382	1.90	cps
Arsenic	75-2	6820	7002	6720	6847	2.08	cps
Barium	135-1	157206	161385	160057	159549	1.34	cps
Barium	137-1	277763	274763	273340	275288	0.82	cps
Beryllium	9-1	6062	5924	5796	5927	2.25	cps
Bismuth	209-1	7272346	7217691	7116938	7202325	1.09	cps
Bismuth	209-2	5084724	5123460	5150208	5119464	0.64	cps
Boron	10-1	375	308	408	364	13.99	cps
Boron	11-1	1925	1850	1792	1856	3.60	cps
Cadmium	106-1	7002	6535	6652	6730	3.61	cps
Cadmium	108-1	1642	1550	1504	1565	4.47	cps
Cadmium	111-1	25806	25417	24937	25387	1.72	cps
Calcium	43-1	29605	29790	29363	29586	0.72	cps
Calcium	44-1	494639	494293	491482	493471	0.35	cps
Chromium	52-2	1127	1003	1057	1062	5.82	cps
Cobalt	59-2	87	87	80	84	4.56	cps
Copper	63-2	66889	67826	69564	68093	1.99	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	10	30	27	22	48.22	cps
Gadolinium	160-2	47	43	47	46	4.23	cps
Gadolinium	160-1	67	92	125	94	30.99	cps
Holmium	165-2	6923565	6916395	6819161	6886374	0.85	cps
Holmium	165-1	11786924	11708626	11618919	11704823	0.72	cps
Indium	115-1	11052918	10964204	11080786	11032636	0.55	cps
Indium	115-2	2515319	2503347	2533685	2517450	0.61	cps
Iron	56-2	12906	13067	13262	13078	1.36	cps
Iron	57-2	250	328	311	296	13.82	cps
Lead	206-1	53424	55221	54936	54527	1.77	cps
Lead	207-1	48523	48735	47329	48196	1.57	cps
Lead	208-1	217591	220204	217344	218380	0.73	cps
Lithium	6-1	621435	628120	621066	623540	0.64	cps
Magnesium	24-2	417	392	483	431	11.01	cps
Manganese	55-2	42234	43354	42842	42810	1.31	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-02	Instrumnet Name :	P7
Client Sample ID :	MX2877D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:02:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	617	1067	1000	895	27.15	cps
Molybdenum	95-1	517	875	992	795	31.16	cps
Molybdenum	96-1	575	858	1150	861	33.39	cps
Molybdenum	97-1	492	492	533	506	4.76	cps
Molybdenum	98-1	1158	958	1625	1247	27.43	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	15815	15545	15815	15725	0.99	cps
Phosphorus	31-2	558	500	575	544	7.23	cps
Potassium	39-2	241943	241714	242000	241886	0.06	cps
Rhodium	103-2	5241140	5249946	5300342	5263810	0.61	cps
Rhodium	103-1	10303407	10284506	10450422	10346112	0.88	cps
Scandium	45-1	6722423	6759728	6739010	6740387	0.28	cps
Scandium	45-2	371030	371294	375458	372594	0.67	cps
Selenium	77-2	303	227	260	263	14.60	cps
Selenium	78-2	1319	1137	1174	1210	7.93	cps
Selenium	82-1	5306	5313	5199	5273	1.21	cps
Silicon	28-1	984350	988216	983073	985213	0.27	cps
Silver	109-1	185746	179923	181367	182345	1.66	cps
Silver	107-1	191427	188523	187536	189162	1.07	cps
Sodium	23-2	494466	498838	505563	499622	1.12	cps
Strontium	86-1	5343	5043	4976	5121	3.82	cps
Strontium	88-1	1642	1292	1300	1411	14.15	cps
Sulfur	34-1	690360	691257	689752	690457	0.11	cps
Terbium	159-1	12538274	12614018	12368576	12506956	1.00	cps
Terbium	159-2	6847841	6950679	6948819	6915780	0.85	cps
Thallium	203-1	53844	54738	55116	54566	1.20	cps
Thallium	205-1	130737	132163	128770	130557	1.30	cps
Tin	118-1	1100	1142	1367	1203	11.93	cps
Titanium	47-1	208	125	92	142	42.42	cps
Uranium	238-1	67	158	83	103	47.51	cps
Vanadium	51-2	57	37	40	44	24.11	cps
Yttrium	89-2	1953699	1978180	1975925	1969268	0.69	cps
Yttrium	89-1	11681825	11764200	11640209	11695411	0.54	cps
Zinc	66-2	16767	16259	16459	16495	1.55	cps
Zirconium	90-1	1183	1358	1367	1303	7.95	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-02	Instrumnet Name :	P7
Client Sample ID :	MX2877D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:02:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	275	283	269	6.44	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01LX5	Instrumnet Name :	P7
Client Sample ID :	MX2877L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:05:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	83	92	86	5.58	cps
Antimony	121-1	43786	44564	43711	44020	1.07	cps
Arsenic	75-2	1411	1313	1511	1412	7.02	cps
Barium	135-1	31729	31721	31871	31774	0.26	cps
Barium	137-1	55445	55671	54424	55180	1.20	cps
Beryllium	9-1	1217	1256	1167	1213	3.67	cps
Bismuth	209-1	6876816	7265086	6942929	7028277	2.96	cps
Bismuth	209-2	5009385	5024663	5130193	5054747	1.30	cps
Boron	10-1	267	325	250	281	14.04	cps
Boron	11-1	1408	1658	1408	1492	9.68	cps
Cadmium	106-1	5226	4926	5293	5148	3.79	cps
Cadmium	108-1	346	267	313	308	12.89	cps
Cadmium	111-1	7161	7041	7362	7188	2.26	cps
Calcium	43-1	6802	6952	6819	6857	1.20	cps
Calcium	44-1	125572	127161	125025	125919	0.88	cps
Chromium	52-2	1107	1073	1000	1060	5.15	cps
Cobalt	59-2	77	97	63	79	21.27	cps
Copper	63-2	14224	14477	13974	14225	1.77	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	27	23	30	27	12.51	cps
Gadolinium	160-2	20	37	30	29	29.04	cps
Gadolinium	160-1	75	117	133	108	27.74	cps
Holmium	165-2	6777264	6876008	6862563	6838612	0.78	cps
Holmium	165-1	11567050	11868768	11707682	11714500	1.29	cps
Indium	115-1	10886177	11069939	11047551	11001223	0.91	cps
Indium	115-2	2500062	2494656	2515968	2503562	0.44	cps
Iron	56-2	9876	9709	9870	9818	0.96	cps
Iron	57-2	200	228	267	231	14.47	cps
Lead	206-1	11633	12139	11850	11874	2.14	cps
Lead	207-1	10488	10549	11060	10699	2.94	cps
Lead	208-1	47746	48609	48135	48163	0.90	cps
Lithium	6-1	617229	621961	620801	619997	0.40	cps
Magnesium	24-2	300	392	367	353	13.43	cps
Manganese	55-2	8903	8386	8879	8723	3.35	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01LX5	Instrumnet Name :	P7
Client Sample ID :	MX2877L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:05:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	667	867	917	817	16.20	cps
Molybdenum	95-1	558	658	733	650	13.51	cps
Molybdenum	96-1	633	783	1133	850	30.19	cps
Molybdenum	97-1	350	475	492	439	17.64	cps
Molybdenum	98-1	642	1067	1308	1006	33.57	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3307	3294	3397	3333	1.69	cps
Phosphorus	31-2	592	667	567	608	8.55	cps
Potassium	39-2	105063	103945	107177	105395	1.56	cps
Rhodium	103-2	5222022	5248111	5268459	5246197	0.44	cps
Rhodium	103-1	10226245	10303417	10087127	10205597	1.07	cps
Scandium	45-1	6724173	6658610	6661888	6681557	0.55	cps
Scandium	45-2	370041	369103	370039	369728	0.15	cps
Selenium	77-2	80	60	100	80	25.00	cps
Selenium	78-2	398	461	467	442	8.61	cps
Selenium	82-1	1111	1029	958	1032	7.41	cps
Silicon	28-1	969994	975531	984853	976793	0.77	cps
Silver	109-1	36490	36615	36214	36440	0.56	cps
Silver	107-1	37843	36874	37885	37534	1.52	cps
Sodium	23-2	130421	130622	129959	130334	0.26	cps
Strontium	86-1	5243	5326	5101	5223	2.18	cps
Strontium	88-1	567	617	550	578	6.01	cps
Sulfur	34-1	696107	694324	698438	696290	0.30	cps
Terbium	159-1	12340159	12450269	12309416	12366615	0.60	cps
Terbium	159-2	6913649	6886088	6956095	6918611	0.51	cps
Thallium	203-1	10972	11272	10496	10913	3.58	cps
Thallium	205-1	25509	26603	26035	26049	2.10	cps
Tin	118-1	1100	1267	1367	1245	10.83	cps
Titanium	47-1	158	183	167	169	7.51	cps
Uranium	238-1	75	17	108	67	69.60	cps
Vanadium	51-2	13	10	30	18	60.28	cps
Yttrium	89-2	1947791	1953235	1967739	1956255	0.53	cps
Yttrium	89-1	11717411	11652297	11605901	11658536	0.48	cps
Zinc	66-2	3327	3541	3534	3467	3.50	cps
Zirconium	90-1	1025	1108	1233	1122	9.34	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-01LX5	Instrumnet Name :	P7
Client Sample ID :	MX2877L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:05:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	192	242	247	23.67	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-03	Instrumnet Name :	P7
Client Sample ID :	MX2877S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:09:18	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	251722	251845	250616	251394	0.27	cps
Antimony	121-1	1653332	1665258	1639227	1652606	0.79	cps
Arsenic	75-2	31443	31625	31672	31580	0.38	cps
Barium	135-1	6572266	6795905	6651290	6673154	1.70	cps
Barium	137-1	11128550	11512835	11333973	11325119	1.70	cps
Beryllium	9-1	75862	77850	76856	76856	1.29	cps
Bismuth	209-1	7130705	7159384	7073472	7121187	0.61	cps
Bismuth	209-2	5045552	5143725	5147074	5112117	1.13	cps
Boron	10-1	283	217	283	261	14.74	cps
Boron	11-1	1483	1650	1583	1572	5.34	cps
Cadmium	106-1	22560	22252	22160	22324	0.94	cps
Cadmium	108-1	12681	12902	12668	12750	1.03	cps
Cadmium	111-1	190791	193457	188887	191045	1.20	cps
Calcium	43-1	27718	29789	28403	28637	3.68	cps
Calcium	44-1	487277	488996	491274	489182	0.41	cps
Chromium	52-2	990058	999128	993331	994172	0.46	cps
Cobalt	59-2	4088737	4162715	4140801	4130751	0.92	cps
Copper	63-2	1562212	1579652	1558834	1566899	0.71	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Dysprosium	156-1	83	67	58	69	18.33	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	33	27	27	29	13.31	cps
Gadolinium	160-2	50	80	47	59	31.17	cps
Gadolinium	160-1	83	100	142	108	27.73	cps
Holmium	165-2	6942888	6921564	6966058	6943504	0.32	cps
Holmium	165-1	11683496	11757295	11582118	11674303	0.75	cps
Indium	115-1	10945246	11199735	10858871	11001284	1.61	cps
Indium	115-2	2480616	2524550	2506228	2503798	0.88	cps
Iron	56-2	4097828	4121479	4100098	4106468	0.32	cps
Iron	57-2	101180	101621	102920	101907	0.89	cps
Lead	206-1	226029	226064	227053	226382	0.26	cps
Lead	207-1	201514	202262	200284	201353	0.50	cps
Lead	208-1	914830	916393	908754	913325	0.44	cps
Lithium	6-1	612800	619332	619603	617245	0.62	cps
Magnesium	24-2	358	367	408	378	7.09	cps
Manganese	55-2	1450346	1451874	1453199	1451806	0.10	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-03	Instrumnet Name :	P7
Client Sample ID :	MX2877S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:09:18	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	958	1075	1117	1050	7.82	cps
Molybdenum	95-1	908	1083	1142	1045	11.63	cps
Molybdenum	96-1	1117	1383	1517	1339	15.21	cps
Molybdenum	97-1	633	775	858	756	15.06	cps
Molybdenum	98-1	1275	1658	1975	1636	21.43	cps
Neodymium	150-1	287	220	353	287	23.26	cps
Neodymium	150-2	33	33	30	32	5.97	cps
Nickel	60-2	1104589	1121443	1114149	1113394	0.76	cps
Phosphorus	31-2	667	558	625	617	8.86	cps
Potassium	39-2	241998	244292	244482	243591	0.57	cps
Rhodium	103-2	5232259	5299488	5286438	5272728	0.68	cps
Rhodium	103-1	10373566	10322149	10299364	10331693	0.37	cps
Scandium	45-1	6648785	6748589	6665141	6687505	0.80	cps
Scandium	45-2	367767	373662	370308	370579	0.80	cps
Selenium	77-2	1410	1490	1443	1448	2.78	cps
Selenium	78-2	5142	5251	5155	5182	1.15	cps
Selenium	82-1	25905	25557	25551	25671	0.79	cps
Silicon	28-1	1006521	1001516	1004901	1004313	0.25	cps
Silver	109-1	937066	929102	929750	931973	0.47	cps
Silver	107-1	967336	970952	975387	971225	0.42	cps
Sodium	23-2	493247	495877	497771	495632	0.46	cps
Strontium	86-1	5343	5293	5451	5362	1.51	cps
Strontium	88-1	2600	2784	2717	2700	3.44	cps
Sulfur	34-1	678350	669355	664483	670730	1.05	cps
Terbium	159-1	12222428	12424404	12439296	12362043	0.98	cps
Terbium	159-2	6915338	7057780	6992250	6988456	1.02	cps
Thallium	203-1	593091	582974	581532	585866	1.08	cps
Thallium	205-1	1389787	1391895	1393080	1391587	0.12	cps
Tin	118-1	1075	1192	1225	1164	6.77	cps
Titanium	47-1	150	267	267	228	29.57	cps
Uranium	238-1	125	133	100	119	14.52	cps
Vanadium	51-2	2057410	2062017	2058318	2059248	0.12	cps
Yttrium	89-2	1958374	1967623	1960253	1962083	0.25	cps
Yttrium	89-1	11460645	11580761	11499772	11513726	0.53	cps
Zinc	66-2	422460	426948	420027	423145	0.83	cps
Zirconium	90-1	1383	1475	1583	1481	6.76	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-03	Instrumnet Name :	P7
Client Sample ID :	MX2877S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:09:18	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	442	425	411	9.58	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:13:31	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27368	27509	28562	27813	2.35	cps
Antimony	121-1	242351	242114	241096	241854	0.28	cps
Arsenic	75-2	10120	10107	9903	10044	1.21	cps
Barium	135-1	154813	156421	152429	154554	1.30	cps
Barium	137-1	268239	266627	267806	267557	0.31	cps
Beryllium	9-1	7747	7680	8319	7915	4.44	cps
Bismuth	209-1	6821606	7136147	6896381	6951378	2.36	cps
Bismuth	209-2	4968091	5044346	5082160	5031532	1.15	cps
Boron	10-1	475	458	492	475	3.51	cps
Boron	11-1	2234	2667	2409	2436	8.95	cps
Cadmium	106-1	6952	7611	7294	7286	4.52	cps
Cadmium	108-1	2000	1792	2146	1979	8.99	cps
Cadmium	111-1	32681	32421	32596	32566	0.41	cps
Calcium	43-1	9437	9537	9637	9537	1.05	cps
Calcium	44-1	164668	165381	168022	166024	1.06	cps
Chromium	52-2	64742	63272	64353	64122	1.19	cps
Cobalt	59-2	31060	31083	31227	31123	0.29	cps
Copper	63-2	65057	64491	65934	65161	1.12	cps
Dysprosium	156-2	633	640	513	596	11.97	cps
Dysprosium	156-1	1325	1225	1192	1247	5.56	cps
Erbium	164-1	892	700	833	808	12.15	cps
Erbium	164-2	447	390	433	423	7.00	cps
Gadolinium	160-2	637	620	610	622	2.17	cps
Gadolinium	160-1	1108	1117	1167	1131	2.79	cps
Holmium	165-2	6806912	6887988	6962307	6885736	1.13	cps
Holmium	165-1	11682598	11850707	11705506	11746270	0.78	cps
Indium	115-1	10963699	10921270	11050889	10978619	0.60	cps
Indium	115-2	2492626	2462153	2470448	2475076	0.64	cps
Iron	56-2	857567	865622	862514	861901	0.47	cps
Iron	57-2	21127	21127	21094	21116	0.09	cps
Lead	206-1	37899	39476	39481	38952	2.34	cps
Lead	207-1	33721	33521	34161	33801	0.97	cps
Lead	208-1	154013	156654	157289	155985	1.11	cps
Lithium	6-1	610374	621921	614217	615504	0.96	cps
Magnesium	24-2	21307	21040	20924	21090	0.93	cps
Manganese	55-2	23579	23786	22771	23379	2.29	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:13:31	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6327	6952	6293	6524	5.69	cps
Molybdenum	95-1	642	950	950	847	21.01	cps
Molybdenum	96-1	2025	2075	2042	2047	1.25	cps
Molybdenum	97-1	608	658	733	667	9.44	cps
Molybdenum	98-1	1075	1408	1634	1372	20.47	cps
Neodymium	150-1	1807	2134	1974	1971	8.29	cps
Neodymium	150-2	920	887	803	870	6.91	cps
Nickel	60-2	16660	16613	16683	16652	0.21	cps
Phosphorus	31-2	492	508	575	525	8.40	cps
Potassium	39-2	104726	103837	104634	104399	0.47	cps
Rhodium	103-2	5247022	5184951	5251140	5227704	0.71	cps
Rhodium	103-1	10211999	10403428	10293488	10302972	0.93	cps
Scandium	45-1	6672500	6686494	6693216	6684070	0.16	cps
Scandium	45-2	363948	361154	358609	361237	0.74	cps
Selenium	77-2	217	210	223	217	3.08	cps
Selenium	78-2	1032	1033	1063	1043	1.69	cps
Selenium	82-1	4358	4365	4152	4291	2.82	cps
Silicon	28-1	2735662	2740566	2725510	2733913	0.28	cps
Silver	109-1	123459	123805	123864	123710	0.18	cps
Silver	107-1	129227	130488	131505	130407	0.88	cps
Sodium	23-2	75121	73480	74736	74445	1.15	cps
Strontium	86-1	14291	14166	13532	13996	2.91	cps
Strontium	88-1	74855	76187	73983	75008	1.48	cps
Sulfur	34-1	652532	649047	637715	646432	1.20	cps
Terbium	159-1	12494808	12522096	12433515	12483473	0.36	cps
Terbium	159-2	6926961	6969111	6879450	6925174	0.65	cps
Thallium	203-1	58537	58907	59728	59057	1.03	cps
Thallium	205-1	140448	141883	142627	141652	0.78	cps
Tin	118-1	2025	2367	2634	2342	13.02	cps
Titanium	47-1	4759	4751	4409	4640	4.31	cps
Uranium	238-1	1367	1392	1358	1372	1.26	cps
Vanadium	51-2	94500	91954	92719	93058	1.40	cps
Yttrium	89-2	1927814	1920357	1935909	1928027	0.40	cps
Yttrium	89-1	11715424	11646160	11642008	11667864	0.35	cps
Zinc	66-2	14501	14174	14738	14471	1.96	cps
Zirconium	90-1	17370	17361	15993	16908	4.69	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:13:31	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3751	3901	3642	3765	3.45	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:17:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27501	26892	26617	27003	1.68	cps
Antimony	121-1	243613	240596	239290	241166	0.92	cps
Arsenic	75-2	10133	10228	9829	10063	2.07	cps
Barium	135-1	155344	157557	154120	155674	1.12	cps
Barium	137-1	270577	273387	273438	272468	0.60	cps
Beryllium	9-1	8097	7580	7352	7676	4.97	cps
Bismuth	209-1	7245837	7283113	7282688	7270546	0.29	cps
Bismuth	209-2	5063676	5031260	5039373	5044770	0.33	cps
Boron	10-1	533	492	558	528	6.38	cps
Boron	11-1	2609	2550	2500	2553	2.12	cps
Cadmium	106-1	7494	7886	7219	7533	4.45	cps
Cadmium	108-1	2046	2134	2146	2109	2.58	cps
Cadmium	111-1	32869	32126	32925	32640	1.37	cps
Calcium	43-1	9453	9170	9645	9423	2.54	cps
Calcium	44-1	168912	166056	165281	166750	1.15	cps
Chromium	52-2	63734	63178	63653	63522	0.47	cps
Cobalt	59-2	31551	30933	30956	31147	1.12	cps
Copper	63-2	63778	64418	64257	64151	0.52	cps
Dysprosium	156-2	653	700	607	653	7.14	cps
Dysprosium	156-1	1208	1433	1117	1253	13.01	cps
Erbium	164-1	733	942	700	792	16.54	cps
Erbium	164-2	423	407	407	412	2.33	cps
Gadolinium	160-2	627	717	693	679	6.88	cps
Gadolinium	160-1	1150	1075	1283	1170	9.02	cps
Holmium	165-2	7015903	6830465	6846351	6897573	1.49	cps
Holmium	165-1	11893011	11966740	11954446	11938065	0.33	cps
Indium	115-1	11256669	11026859	11391873	11225134	1.64	cps
Indium	115-2	2425234	2450405	2468262	2447967	0.88	cps
Iron	56-2	857443	855871	848059	853791	0.59	cps
Iron	57-2	20776	21010	20910	20899	0.56	cps
Lead	206-1	39950	40089	40072	40037	0.19	cps
Lead	207-1	35225	35693	34885	35268	1.15	cps
Lead	208-1	160235	159466	160868	160190	0.44	cps
Lithium	6-1	632412	627846	627650	629303	0.43	cps
Magnesium	24-2	20598	21132	21416	21049	1.97	cps
Manganese	55-2	23549	23392	22835	23259	1.61	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:17:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6852	6560	7110	6841	4.02	cps
Molybdenum	95-1	667	683	875	742	15.61	cps
Molybdenum	96-1	1900	1859	1942	1900	2.19	cps
Molybdenum	97-1	467	542	525	511	7.70	cps
Molybdenum	98-1	1025	1358	1367	1250	15.59	cps
Neodymium	150-1	1967	1800	2020	1929	5.95	cps
Neodymium	150-2	880	870	897	882	1.53	cps
Nickel	60-2	16950	16336	16646	16644	1.84	cps
Phosphorus	31-2	625	492	475	531	15.50	cps
Potassium	39-2	99365	100816	101748	100643	1.19	cps
Rhodium	103-2	5172347	5202602	5238528	5204492	0.64	cps
Rhodium	103-1	10307556	10305228	10451243	10354676	0.81	cps
Scandium	45-1	6615935	6678466	6613893	6636098	0.55	cps
Scandium	45-2	354130	355981	351359	353824	0.66	cps
Selenium	77-2	220	217	270	236	12.68	cps
Selenium	78-2	1095	965	1033	1031	6.29	cps
Selenium	82-1	4339	4065	4350	4251	3.79	cps
Silicon	28-1	2721880	2693605	2691302	2702262	0.63	cps
Silver	109-1	125470	126757	125228	125818	0.65	cps
Silver	107-1	133299	133005	133492	133265	0.18	cps
Sodium	23-2	71788	71898	70315	71334	1.24	cps
Strontium	86-1	13657	13624	13882	13721	1.02	cps
Strontium	88-1	74561	76027	75012	75200	1.00	cps
Sulfur	34-1	630305	625526	624383	626738	0.50	cps
Terbium	159-1	12538094	12697710	12669124	12634976	0.67	cps
Terbium	159-2	6955299	6917759	6848432	6907163	0.78	cps
Thallium	203-1	60589	60832	62933	61451	2.10	cps
Thallium	205-1	146098	143723	145896	145239	0.91	cps
Tin	118-1	2217	2242	2334	2264	2.71	cps
Titanium	47-1	4376	4934	5026	4779	7.37	cps
Uranium	238-1	1483	1317	1467	1422	6.45	cps
Vanadium	51-2	92082	92769	91548	92133	0.66	cps
Yttrium	89-2	1910551	1897931	1908848	1905777	0.36	cps
Yttrium	89-1	11677389	11861811	11612009	11717070	1.11	cps
Zinc	66-2	14651	15165	15021	14946	1.77	cps
Zirconium	90-1	17853	17662	17219	17578	1.85	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:17:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4176	4017	4109	4101	1.94	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13LX5	Instrumnet Name :	P7
Client Sample ID :	MX2881L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:20:31	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5901	5476	5326	5568	5.36	cps
Antimony	121-1	49438	50718	49045	49734	1.76	cps
Arsenic	75-2	2058	2071	2176	2101	3.09	cps
Barium	135-1	31128	31378	31336	31281	0.43	cps
Barium	137-1	54893	53931	53731	54185	1.15	cps
Beryllium	9-1	1417	1606	1461	1495	6.61	cps
Bismuth	209-1	7238462	7290344	7295499	7274768	0.43	cps
Bismuth	209-2	5132912	5147044	5036493	5105483	1.18	cps
Boron	10-1	200	300	275	258	20.15	cps
Boron	11-1	1375	1558	1358	1431	7.76	cps
Cadmium	111-1	8099	8671	8581	8450	3.64	cps
Cadmium	106-1	4859	5460	5151	5157	5.82	cps
Cadmium	108-1	429	358	371	386	9.79	cps
Calcium	43-1	2492	2367	2459	2439	2.66	cps
Calcium	44-1	58065	57990	58124	58060	0.12	cps
Chromium	52-2	14084	13573	13710	13789	1.92	cps
Cobalt	59-2	6572	6548	6432	6517	1.15	cps
Copper	63-2	14781	14931	15195	14969	1.40	cps
Dysprosium	156-2	120	123	123	122	1.58	cps
Dysprosium	156-1	292	258	225	258	12.90	cps
Erbium	164-1	167	242	200	203	18.53	cps
Erbium	164-2	100	103	127	110	13.21	cps
Gadolinium	160-2	137	180	157	158	13.74	cps
Gadolinium	160-1	350	275	300	308	12.39	cps
Holmium	165-1	11822459	12050805	12155361	12009542	1.42	cps
Holmium	165-2	7122314	7066044	6888011	7025456	1.74	cps
Indium	115-2	2459082	2470376	2483923	2471127	0.50	cps
Indium	115-1	11173252	11220183	11100132	11164522	0.54	cps
Iron	56-2	180236	179522	179928	179895	0.20	cps
Iron	57-2	4062	4540	4506	4369	6.11	cps
Lead	206-1	9987	10382	10427	10265	2.36	cps
Lead	207-1	8848	8698	8837	8794	0.95	cps
Lead	208-1	40381	40943	40286	40536	0.88	cps
Lithium	6-1	616962	633817	628978	626586	1.39	cps
Magnesium	24-2	4693	4317	4693	4568	4.74	cps
Manganese	55-2	4544	4741	4607	4631	2.17	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13LX5	Instrumnet Name :	P7
Client Sample ID :	MX2881L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:20:31	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	667	808	767	747	9.74	cps
Molybdenum	97-1	383	400	583	456	24.36	cps
Molybdenum	98-1	633	750	1083	822	28.40	cps
Molybdenum	95-1	317	375	583	425	32.99	cps
Molybdenum	94-1	1617	1842	1684	1714	6.74	cps
Neodymium	150-1	407	420	433	420	3.17	cps
Neodymium	150-2	213	223	170	202	14.02	cps
Nickel	60-2	3254	3467	3367	3363	3.18	cps
Phosphorus	31-2	500	458	650	536	18.80	cps
Potassium	39-2	75534	74949	73708	74730	1.25	cps
Rhodium	103-1	10356898	10476810	10435312	10423006	0.58	cps
Rhodium	103-2	5246348	5242254	5248460	5245688	0.06	cps
Scandium	45-2	356642	357268	361114	358341	0.68	cps
Scandium	45-1	6661829	6656526	6697905	6672086	0.34	cps
Selenium	82-1	741	892	821	818	9.20	cps
Selenium	77-2	57	40	53	50	17.64	cps
Selenium	78-2	363	398	339	367	8.13	cps
Silicon	28-1	1285660	1291231	1291446	1289446	0.25	cps
Silver	109-1	26267	24923	25432	25541	2.66	cps
Silver	107-1	27202	26509	26893	26868	1.29	cps
Sodium	23-2	43573	43464	43539	43525	0.13	cps
Strontium	86-1	6710	6393	6677	6594	2.64	cps
Strontium	88-1	15059	15234	14858	15050	1.25	cps
Sulfur	34-1	639046	634640	637916	637201	0.36	cps
Terbium	159-1	12471754	12638246	12842616	12650872	1.47	cps
Terbium	159-2	7042372	7027561	7082053	7050662	0.40	cps
Thallium	203-1	12365	12039	12323	12242	1.45	cps
Thallium	205-1	29308	29342	28064	28905	2.52	cps
Tin	118-1	1467	1300	1408	1392	6.08	cps
Titanium	47-1	1000	817	1183	1000	18.33	cps
Uranium	238-1	325	400	250	325	23.08	cps
Vanadium	51-2	18719	18255	19033	18669	2.10	cps
Yttrium	89-2	1921005	1938703	1928055	1929254	0.46	cps
Yttrium	89-1	11663460	11750390	11626999	11680283	0.54	cps
Zinc	66-2	2957	3037	3034	3009	1.50	cps
Zirconium	90-1	4609	4543	4418	4523	2.15	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13LX5	Instrumnet Name :	P7
Client Sample ID :	MX2881L	Dilution Factor :	5
Date & Time Acquired ::	2017-03-16 17:20:31	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	958	933	983	958	2.61	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13RE	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:24:57	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26800	27159	26658	26872	0.96	cps
Antimony	121-1	239426	236727	242360	239504	1.18	cps
Arsenic	75-2	9981	9900	9755	9879	1.16	cps
Barium	135-1	155772	156171	156404	156116	0.20	cps
Barium	137-1	272252	269920	267953	270042	0.80	cps
Beryllium	9-1	7947	7719	8141	7936	2.66	cps
Bismuth	209-2	5061751	5132295	4965581	5053209	1.66	cps
Bismuth	209-1	7239844	7351191	7315051	7302028	0.78	cps
Boron	10-1	525	417	508	483	12.07	cps
Boron	11-1	2067	2250	2109	2142	4.49	cps
Cadmium	111-1	33323	32406	32061	32597	2.00	cps
Cadmium	106-1	7761	7369	7302	7477	3.31	cps
Cadmium	108-1	2038	2213	2021	2090	5.08	cps
Calcium	43-1	9278	9328	8736	9114	3.60	cps
Calcium	44-1	166443	164421	165591	165485	0.61	cps
Chromium	52-2	62669	63871	63965	63502	1.14	cps
Cobalt	59-2	30923	30485	30128	30512	1.30	cps
Copper	63-2	63206	64053	64204	63821	0.84	cps
Dysprosium	156-2	517	577	637	577	10.40	cps
Dysprosium	156-1	1300	1492	1308	1367	7.93	cps
Erbium	164-1	858	792	808	820	4.23	cps
Erbium	164-2	417	523	447	462	11.90	cps
Gadolinium	160-2	650	673	690	671	2.99	cps
Gadolinium	160-1	1033	1233	1058	1108	9.83	cps
Holmium	165-1	12035024	12056296	12061442	12050921	0.12	cps
Holmium	165-2	6974422	6908831	6755390	6879548	1.63	cps
Indium	115-2	2438865	2444399	2411373	2431545	0.73	cps
Indium	115-1	11306782	11160779	11135348	11200970	0.83	cps
Iron	56-2	847343	860968	850225	852846	0.84	cps
Iron	57-2	21371	21900	20276	21182	3.91	cps
Lead	206-1	39247	40484	39659	39797	1.58	cps
Lead	207-1	34373	34807	34869	34683	0.78	cps
Lead	208-1	158832	159838	159482	159384	0.32	cps
Lithium	6-1	626729	625883	629420	627344	0.29	cps
Magnesium	24-2	20473	21550	20840	20954	2.61	cps
Manganese	55-2	22961	23162	22621	22915	1.19	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13RE	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:24:57	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6769	6794	6835	6799	0.50	cps
Molybdenum	95-1	567	792	858	739	20.68	cps
Molybdenum	96-1	1834	1617	2200	1884	15.66	cps
Molybdenum	97-1	500	575	625	567	11.10	cps
Molybdenum	98-1	967	1283	1208	1153	14.36	cps
Neodymium	150-1	1834	2000	2134	1989	7.56	cps
Neodymium	150-2	877	910	920	902	2.52	cps
Nickel	60-2	16169	15922	16326	16139	1.26	cps
Phosphorus	31-2	667	592	475	578	16.72	cps
Potassium	39-2	101496	100824	99859	100727	0.82	cps
Rhodium	103-1	10552676	10267469	10357729	10392625	1.40	cps
Rhodium	103-2	5169911	5209015	5161565	5180164	0.49	cps
Scandium	45-1	6669529	6533169	6657570	6620090	1.14	cps
Scandium	45-2	353163	355040	347230	351811	1.16	cps
Selenium	82-1	4001	4211	4033	4082	2.77	cps
Selenium	77-2	267	230	270	256	8.68	cps
Selenium	78-2	965	1024	941	977	4.39	cps
Silicon	28-1	2712294	2689496	2678876	2693555	0.63	cps
Silver	109-1	124292	125957	124915	125055	0.67	cps
Silver	107-1	127984	127463	130690	128712	1.35	cps
Sodium	23-2	67243	68072	68022	67779	0.69	cps
Strontium	86-1	13690	13632	13257	13526	1.74	cps
Strontium	88-1	75340	74007	73397	74248	1.34	cps
Sulfur	34-1	631516	633683	634665	633288	0.25	cps
Terbium	159-2	6840226	7017937	6801278	6886480	1.68	cps
Terbium	159-1	12557241	12569728	12680064	12602344	0.54	cps
Thallium	203-1	60145	59811	60463	60140	0.54	cps
Thallium	205-1	143832	146931	142213	144325	1.66	cps
Tin	118-1	2050	2084	2275	2136	5.69	cps
Titanium	47-1	4417	4868	4801	4695	5.17	cps
Uranium	238-1	1750	1892	1767	1803	4.29	cps
Vanadium	51-2	90888	91465	90952	91101	0.35	cps
Yttrium	89-1	11664257	11619249	11730797	11671434	0.48	cps
Yttrium	89-2	1902784	1921010	1861096	1894963	1.62	cps
Zinc	66-2	13927	14291	14147	14121	1.30	cps
Zirconium	90-1	17928	17278	16844	17350	3.15	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-13RE	Instrumnet Name :	P7
Client Sample ID :	MX2881	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:24:57	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4042	4193	4076	4104	1.92	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14RE	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:28:27	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26750	26341	26700	26597	0.84	cps
Antimony	121-1	238858	234818	237017	236898	0.85	cps
Arsenic	75-2	9833	10031	9598	9821	2.21	cps
Barium	135-1	157493	156657	156252	156800	0.40	cps
Barium	137-1	271238	265621	270434	269098	1.13	cps
Beryllium	9-1	7824	7824	8002	7884	1.30	cps
Bismuth	209-1	7261024	7327578	7294684	7294428	0.46	cps
Bismuth	209-2	5035864	5065017	5113190	5071357	0.77	cps
Boron	10-1	492	492	567	517	8.38	cps
Boron	11-1	2209	2284	2125	2206	3.59	cps
Cadmium	106-1	7010	7803	7561	7458	5.44	cps
Cadmium	108-1	2042	1979	1925	1982	2.95	cps
Cadmium	111-1	32468	32741	33662	32957	1.90	cps
Calcium	43-1	9103	9353	9495	9317	2.13	cps
Calcium	44-1	164000	164244	163824	164023	0.13	cps
Chromium	52-2	62458	61873	63680	62670	1.47	cps
Cobalt	59-2	30642	30415	30632	30563	0.42	cps
Copper	63-2	62978	63568	62506	63017	0.84	cps
Dysprosium	156-2	550	623	567	580	6.63	cps
Dysprosium	156-1	1325	1200	1333	1286	5.81	cps
Erbium	164-1	808	725	758	764	5.49	cps
Erbium	164-2	410	420	353	394	9.12	cps
Gadolinium	160-2	693	720	657	690	4.61	cps
Gadolinium	160-1	1183	1142	1000	1108	8.67	cps
Holmium	165-2	6845122	6797588	6834203	6825638	0.36	cps
Holmium	165-1	12190343	12134077	12178890	12167770	0.24	cps
Indium	115-1	11193443	11227425	11194132	11205000	0.17	cps
Indium	115-2	2440826	2452524	2441796	2445048	0.27	cps
Iron	56-2	840329	845129	845383	843614	0.34	cps
Iron	57-2	20198	21010	20754	20654	2.01	cps
Lead	206-1	40841	40462	38852	40052	2.64	cps
Lead	207-1	35342	34329	34969	34880	1.47	cps
Lead	208-1	160751	158738	158115	159201	0.87	cps
Lithium	6-1	626031	626316	621483	624610	0.43	cps
Magnesium	24-2	20356	20965	21266	20862	2.22	cps
Manganese	55-2	23145	22734	23539	23139	1.74	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14RE	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:28:27	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6735	6744	6944	6807	1.73	cps
Molybdenum	95-1	492	483	608	528	13.24	cps
Molybdenum	96-1	1567	1709	1675	1650	4.49	cps
Molybdenum	97-1	525	558	658	581	11.95	cps
Molybdenum	98-1	1150	1017	1058	1075	6.35	cps
Neodymium	150-1	2087	2054	2174	2105	2.94	cps
Neodymium	150-2	887	920	877	894	2.54	cps
Nickel	60-2	16523	16029	16793	16448	2.36	cps
Phosphorus	31-2	517	483	375	458	16.16	cps
Potassium	39-2	98207	96814	98174	97732	0.81	cps
Rhodium	103-2	5211026	5241543	5197836	5216802	0.43	cps
Rhodium	103-1	10376188	10325309	10378978	10360158	0.29	cps
Scandium	45-1	6641259	6641668	6573835	6618921	0.59	cps
Scandium	45-2	353068	351661	353407	352712	0.26	cps
Selenium	77-2	217	240	213	223	6.51	cps
Selenium	78-2	994	893	972	953	5.62	cps
Selenium	82-1	4258	3961	4263	4161	4.16	cps
Silicon	28-1	2675768	2648242	2652951	2658987	0.55	cps
Silver	109-1	123065	121712	122905	122561	0.60	cps
Silver	107-1	127226	128486	127899	127870	0.49	cps
Sodium	23-2	65845	65586	66490	65973	0.71	cps
Strontium	86-1	13390	13348	13165	13301	0.90	cps
Strontium	88-1	73840	72594	73187	73207	0.85	cps
Sulfur	34-1	627485	627796	625427	626903	0.21	cps
Terbium	159-1	12705251	12694493	12867205	12755650	0.76	cps
Terbium	159-2	6930483	6931891	6892710	6918361	0.32	cps
Thallium	203-1	60665	61653	60430	60916	1.07	cps
Thallium	205-1	142256	145543	143864	143888	1.14	cps
Tin	118-1	2009	2142	2542	2231	12.44	cps
Titanium	47-1	4559	4151	4476	4395	4.91	cps
Uranium	238-1	1467	1692	1542	1567	7.31	cps
Vanadium	51-2	89305	90539	89965	89936	0.69	cps
Yttrium	89-2	1898411	1907571	1899735	1901906	0.26	cps
Yttrium	89-1	11655769	11798960	11608025	11687585	0.85	cps
Zinc	66-2	14924	14734	14557	14739	1.25	cps
Zirconium	90-1	17979	17695	17111	17595	2.51	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-14RE	Instrumnet Name :	P7
Client Sample ID :	MX2881D	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:28:27	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3934	3742	3976	3884	3.21	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-15	Instrumnet Name :	P7
Client Sample ID :	MX2881S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:31:57	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73282	72568	72887	72912	0.49	cps
Antimony	121-1	526919	529708	530029	528885	0.32	cps
Arsenic	75-2	14687	14504	14207	14466	1.67	cps
Barium	135-1	1433360	1426732	1436567	1432220	0.35	cps
Barium	137-1	2470671	2441815	2483590	2465359	0.87	cps
Beryllium	9-1	21811	21549	21571	21644	0.67	cps
Bismuth	209-1	7247264	7354971	7302760	7301665	0.74	cps
Bismuth	209-2	4986188	4997971	5103888	5029349	1.29	cps
Boron	10-1	542	558	400	500	17.40	cps
Boron	11-1	2200	2009	2667	2292	14.78	cps
Cadmium	106-1	10296	10263	11363	10641	5.88	cps
Cadmium	108-1	4397	4276	4392	4355	1.58	cps
Cadmium	111-1	64951	64951	65262	65055	0.28	cps
Calcium	43-1	9086	8920	9153	9053	1.33	cps
Calcium	44-1	162603	164108	165660	164123	0.93	cps
Chromium	52-2	254407	251387	254051	253281	0.65	cps
Cobalt	59-2	828737	819343	837964	828681	1.12	cps
Copper	63-2	352407	353887	354779	353691	0.34	cps
Dysprosium	156-2	627	697	630	651	6.06	cps
Dysprosium	156-1	1217	1200	1600	1339	16.90	cps
Erbium	164-1	858	642	750	750	14.44	cps
Erbium	164-2	443	473	417	444	6.38	cps
Gadolinium	160-2	677	577	670	641	8.72	cps
Gadolinium	160-1	1208	1133	1417	1253	11.72	cps
Holmium	165-2	6804477	6756516	6926903	6829299	1.29	cps
Holmium	165-1	11929145	11879324	11970746	11926405	0.38	cps
Indium	115-1	11041670	11034508	11010115	11028764	0.15	cps
Indium	115-2	2430743	2443667	2414594	2429668	0.60	cps
Iron	56-2	1612211	1595908	1626784	1611634	0.96	cps
Iron	57-2	40289	40189	40395	40291	0.26	cps
Lead	206-1	74754	74654	75464	74957	0.59	cps
Lead	207-1	65490	64490	66226	65402	1.33	cps
Lead	208-1	297393	299152	301913	299486	0.76	cps
Lithium	6-1	611584	612817	611881	612094	0.11	cps
Magnesium	24-2	19756	20648	20248	20217	2.21	cps
Manganese	55-2	288644	286129	291420	288731	0.92	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-15	Instrumnet Name :	P7
Client Sample ID :	MX2881S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:31:57	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6644	6669	6919	6744	2.26	cps
Molybdenum	95-1	592	758	833	728	17.00	cps
Molybdenum	96-1	1917	2009	2150	2025	5.81	cps
Molybdenum	97-1	642	617	650	636	2.73	cps
Molybdenum	98-1	1150	1158	1200	1170	2.29	cps
Neodymium	150-1	2087	1987	2147	2074	3.90	cps
Neodymium	150-2	943	890	830	888	6.39	cps
Nickel	60-2	230717	227808	231721	230082	0.88	cps
Phosphorus	31-2	583	667	642	631	6.78	cps
Potassium	39-2	96219	94475	96673	95789	1.21	cps
Rhodium	103-2	5178994	5119350	5170190	5156178	0.62	cps
Rhodium	103-1	10358867	10165847	10270934	10265216	0.94	cps
Scandium	45-1	6528417	6490557	6614932	6544636	0.97	cps
Scandium	45-2	350849	347211	350639	349566	0.58	cps
Selenium	77-2	443	413	467	441	6.06	cps
Selenium	78-2	1726	1743	1702	1724	1.19	cps
Selenium	82-1	8316	8022	8137	8158	1.82	cps
Silicon	28-1	2638789	2617652	2622951	2626464	0.42	cps
Silver	109-1	272379	269763	273554	271899	0.71	cps
Silver	107-1	283493	285241	289243	285992	1.03	cps
Sodium	23-2	63368	63560	64330	63752	0.80	cps
Strontium	86-1	13799	13132	13448	13460	2.48	cps
Strontium	88-1	74401	73990	72609	73667	1.27	cps
Sulfur	34-1	627137	627025	621814	625325	0.49	cps
Terbium	159-1	12654729	12604896	12545680	12601768	0.43	cps
Terbium	159-2	6915119	6812807	6804642	6844190	0.90	cps
Thallium	203-1	168355	168953	169267	168858	0.27	cps
Thallium	205-1	401844	398712	402076	400877	0.47	cps
Tin	118-1	2092	2484	2392	2323	8.82	cps
Titanium	47-1	4834	4343	4426	4534	5.81	cps
Uranium	238-1	3226	3234	3251	3237	0.39	cps
Vanadium	51-2	483354	482027	482124	482502	0.15	cps
Yttrium	89-2	1874225	1864170	1896590	1878328	0.88	cps
Yttrium	89-1	11534876	11538092	11670307	11581092	0.67	cps
Zinc	66-2	93812	93712	94429	93984	0.41	cps
Zirconium	90-1	17695	17636	17712	17681	0.22	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	I2084-15	Instrumnet Name :	P7
Client Sample ID :	MX2881S	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:31:57	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3642	3617	3742	3667	1.80	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:36:00	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1202274	1192061	1189299	1194545	0.57	cps
Antimony	121-1	6947513	6935695	6886494	6923234	0.47	cps
Arsenic	75-2	301722	300996	298959	300559	0.48	cps
Barium	135-1	8087057	8139318	8171873	8132749	0.53	cps
Barium	137-1	13729512	13866476	13942939	13846309	0.78	cps
Beryllium	9-1	708183	707040	704011	706411	0.31	cps
Bismuth	209-1	7398370	7309457	7411003	7372943	0.75	cps
Bismuth	209-2	5091130	5101140	5040380	5077550	0.64	cps
Boron	10-1	97387	98285	101523	99065	2.20	cps
Boron	11-1	503229	510813	517665	510569	1.41	cps
Cadmium	111-1	1628553	1655617	1641445	1641872	0.82	cps
Cadmium	106-1	193326	191283	190643	191751	0.73	cps
Cadmium	108-1	124827	125180	126449	125485	0.68	cps
Calcium	43-1	1870801	1888696	1884460	1881319	0.50	cps
Calcium	44-1	30653460	30824292	30886164	30787972	0.39	cps
Chromium	52-2	2392729	2387045	2372900	2384225	0.43	cps
Cobalt	59-2	3917493	3901223	3911939	3910219	0.21	cps
Copper	63-2	5601067	5586651	5564456	5584058	0.33	cps
Dysprosium	156-2	37	43	33	38	13.48	cps
Dysprosium	156-1	167	142	142	150	9.62	cps
Erbium	164-1	133	125	75	111	28.40	cps
Erbium	164-2	10	27	13	17	52.93	cps
Gadolinium	160-1	50	117	150	106	48.24	cps
Gadolinium	160-2	50	40	50	47	12.37	cps
Holmium	165-1	12187558	12115901	12281477	12194979	0.68	cps
Holmium	165-2	6983482	6985433	6975383	6981433	0.08	cps
Indium	115-2	2416872	2414086	2400626	2410528	0.36	cps
Indium	115-1	10925178	10799455	10971193	10898608	0.82	cps
Iron	56-2	101777194	100169949	99565466	100504203	1.14	cps
Iron	57-2	2433043	2417684	2404005	2418244	0.60	cps
Lead	206-1	4437435	4419392	4469022	4441949	0.57	cps
Lead	207-1	4021854	4035367	4041150	4032790	0.25	cps
Lead	208-1	18422426	18197171	18256758	18292119	0.64	cps
Lithium	6-1	613498	616824	614916	615079	0.27	cps
Magnesium	24-2	15327097	14887787	14884124	15033003	1.69	cps
Manganese	55-2	2677821	2665394	2654476	2665897	0.44	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:36:00	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6405902	6381288	6445041	6410744	0.50	cps
Molybdenum	95-1	3320544	3323179	3317161	3320295	0.09	cps
Molybdenum	96-1	4251455	4232245	4239551	4241084	0.23	cps
Molybdenum	97-1	2071544	2044756	2069821	2062041	0.73	cps
Molybdenum	98-1	5312641	5304628	5336340	5317870	0.31	cps
Neodymium	150-1	433	493	413	447	9.32	cps
Neodymium	150-2	37	70	50	52	32.12	cps
Nickel	60-2	1034646	1034866	1030825	1033446	0.22	cps
Phosphorus	31-2	76824	75148	77460	76477	1.56	cps
Potassium	39-2	9114513	9004911	9104123	9074515	0.67	cps
Rhodium	103-2	5049800	5052674	5025720	5042731	0.29	cps
Rhodium	103-1	9944829	10068090	10044903	10019274	0.65	cps
Scandium	45-1	6575450	6576778	6556409	6569546	0.17	cps
Scandium	45-2	358265	356010	358717	357664	0.41	cps
Selenium	82-1	102356	101275	102442	102024	0.64	cps
Selenium	77-2	5671	5481	5615	5589	1.75	cps
Selenium	78-2	19029	19001	19044	19025	0.11	cps
Silicon	28-1	3963897	3995737	4015844	3991826	0.66	cps
Silver	109-1	8338231	8349484	8329601	8339105	0.12	cps
Silver	107-1	8751490	8642772	8764376	8719546	0.77	cps
Sodium	23-2	29189134	28912794	28939223	29013717	0.53	cps
Strontium	86-1	2222579	2241924	2242320	2235608	0.50	cps
Strontium	88-1	19565348	19628815	19738251	19644138	0.45	cps
Sulfur	34-1	1248204	1246339	1244482	1246341	0.15	cps
Terbium	159-1	12875537	12951484	13006319	12944447	0.51	cps
Terbium	159-2	7036183	7014403	7019869	7023485	0.16	cps
Thallium	203-1	5574362	5589427	5549035	5570941	0.37	cps
Thallium	205-1	13546489	13446471	13586464	13526475	0.53	cps
Tin	118-1	5512060	5529799	5521607	5521155	0.16	cps
Titanium	47-1	928555	929746	932979	930427	0.25	cps
Uranium	238-1	17779067	17587562	17499897	17622175	0.81	cps
Vanadium	51-2	2016142	2012566	1997168	2008626	0.50	cps
Yttrium	89-1	11602832	11576216	11708136	11629061	0.60	cps
Yttrium	89-2	1912252	1903569	1902099	1905973	0.29	cps
Zinc	66-2	772706	768436	767192	769444	0.38	cps
Zirconium	91-1	2613005	2622346	2633145	2622832	0.38	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:36:00	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12267685	12146956	12195355	12203332	0.50	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:49:46	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	100	58	81	26.03	cps
Antimony	121-1	16669	19639	22711	19673	15.36	cps
Arsenic	75-2	65	100	74	80	22.90	cps
Barium	135-1	58	75	92	75	22.22	cps
Barium	137-1	100	158	158	139	24.25	cps
Beryllium	9-1	56	44	28	43	32.83	cps
Bismuth	209-1	6387706	7240472	7194267	6940815	6.91	cps
Bismuth	209-2	5087729	5114960	5084473	5095721	0.33	cps
Boron	10-1	383	383	400	389	2.47	cps
Boron	11-1	1917	1867	2142	1975	7.42	cps
Cadmium	106-1	3792	4284	4668	4248	10.33	cps
Cadmium	108-1	17	21	4	14	62.43	cps
Cadmium	111-1	1927	2161	2380	2156	10.51	cps
Calcium	43-1	825	875	775	825	6.06	cps
Calcium	44-1	30950	30658	31368	30992	1.15	cps
Chromium	52-2	1097	1047	1150	1098	4.71	cps
Cobalt	59-2	117	97	123	112	12.37	cps
Copper	63-2	1343	1403	1437	1395	3.39	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	7	13	37	19	83.40	cps
Gadolinium	160-2	47	30	27	34	31.11	cps
Gadolinium	160-1	108	33	117	86	53.30	cps
Holmium	165-1	10245732	11412524	11780098	11146118	7.19	cps
Holmium	165-2	6971510	6999795	6750927	6907411	1.97	cps
Indium	115-2	2409254	2433513	2422135	2421634	0.50	cps
Indium	115-1	9467385	10496144	10900203	10287911	7.18	cps
Iron	56-2	8664	8286	8430	8460	2.25	cps
Iron	57-2	200	183	178	187	6.18	cps
Lead	206-1	1011	1061	1128	1067	5.49	cps
Lead	207-1	767	978	995	913	13.91	cps
Lead	208-1	4062	4195	4650	4302	7.18	cps
Lithium	6-1	531580	592112	601869	575187	6.62	cps
Magnesium	24-2	267	225	258	250	8.82	cps
Manganese	55-2	87	107	103	99	10.84	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:49:46	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1183	1483	1559	1408	14.09	cps
Molybdenum	95-1	1258	1575	2117	1650	26.31	cps
Molybdenum	96-1	1350	1792	2100	1747	21.58	cps
Molybdenum	97-1	917	1075	1325	1106	18.62	cps
Molybdenum	98-1	2117	2425	3059	2534	18.95	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Nickel	60-2	133	143	117	131	10.28	cps
Phosphorus	31-2	550	608	458	539	14.03	cps
Potassium	39-2	67989	66659	68367	67672	1.33	cps
Rhodium	103-1	8884775	9851547	9985716	9574013	6.27	cps
Rhodium	103-2	5110452	5138600	5110562	5119871	0.32	cps
Scandium	45-1	5624674	6294551	6430753	6116659	7.05	cps
Scandium	45-2	353377	353386	353214	353326	0.03	cps
Selenium	82-1	-152	83	75	2	6881.78	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	248	217	217	227	8.00	cps
Silicon	28-1	930195	932148	937299	933214	0.39	cps
Silver	109-1	483	375	400	419	13.52	cps
Silver	107-1	542	492	475	503	6.90	cps
Sodium	23-2	32077	33672	33397	33048	2.58	cps
Strontium	86-1	5193	5134	4843	5057	3.71	cps
Strontium	88-1	392	408	550	450	19.33	cps
Sulfur	34-1	667060	665440	664522	665674	0.19	cps
Terbium	159-2	6816653	6794375	6895842	6835623	0.78	cps
Terbium	159-1	10763661	12082444	12390862	11745656	7.36	cps
Thallium	203-1	300	333	358	331	8.85	cps
Thallium	205-1	767	758	1025	850	17.84	cps
Tin	118-1	1250	1475	1625	1450	13.02	cps
Titanium	47-1	217	208	142	189	21.76	cps
Uranium	238-1	133	83	158	125	30.55	cps
Vanadium	51-2	27	23	33	28	18.33	cps
Yttrium	89-1	9835539	11181295	11291625	10769486	7.53	cps
Yttrium	89-2	1892798	1907533	1895735	1898689	0.41	cps
Zinc	66-2	157	147	190	164	13.80	cps
Zirconium	90-1	1208	1475	1317	1333	10.06	cps

LB Number :	LB86399	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2017-03-16 17:49:46	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	292	358	289	24.53	cps