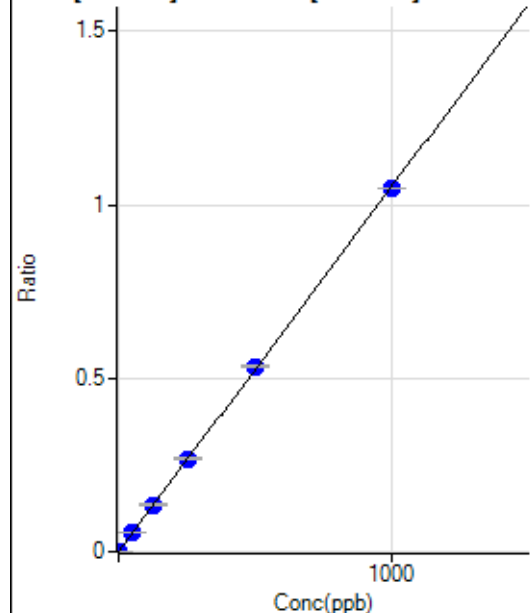


Batch Folder: D:\P8051818 MS.b\
Analysis File: P8051818 MS.batch.bin
DA Date-Time: 2018-05-18 14:07:29
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-05-18 13:33:38
2			
3	005CALS.d	S02	2018-05-18 13:41:10
4	006CALS.d	S03	2018-05-18 13:44:53
5	007CALS.d	S04	2018-05-18 13:48:36
6	009CALS.d	S05	2018-05-18 13:55:10
7	010CALS.d	S06	2018-05-18 13:59:03
8	011CALS.d	S07	2018-05-18 14:02:30
9	012CALS.d	S08	2018-05-18 14:05:54

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14.81	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.885	311.12	0.0010	P	12.0
4	☐	50.000	51.649	18032.09	0.0543	P	1.6
5	☐	125.000	128.465	46904.83	0.1351	P	3.2
6	☐	250.000	255.215	90681.52	0.2683	P	0.6
7	☐	500.000	507.283	181996.55	0.5332	P	1.3
8	☐	1000.000	994.539	358315.15	1.0454	P	0.2
9	☐			100.00	0.0003	P	25.6

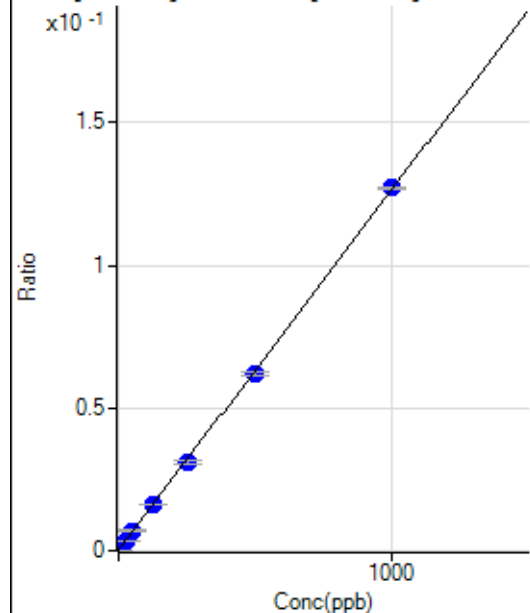
$$y = 0.0011 * x + 4.5873E-005$$

$$R = 0.9999$$

$$DL = 0.1134$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0002	P	45.0
2	☐	2.500					
3	☐	25.000	24.134	1036.21	0.0032	P	11.6
4	☐	50.000	52.302	2255.83	0.0068	P	11.1
5	☐	125.000	127.027	5634.66	0.0162	P	1.3
6	☐	250.000	243.319	10437.55	0.0309	P	4.1
7	☐	500.000	490.054	21152.31	0.0620	P	2.0
8	☐	1000.000	1006.296	43548.12	0.1271	P	0.7
9	☐			1966.90	0.0054	P	14.0

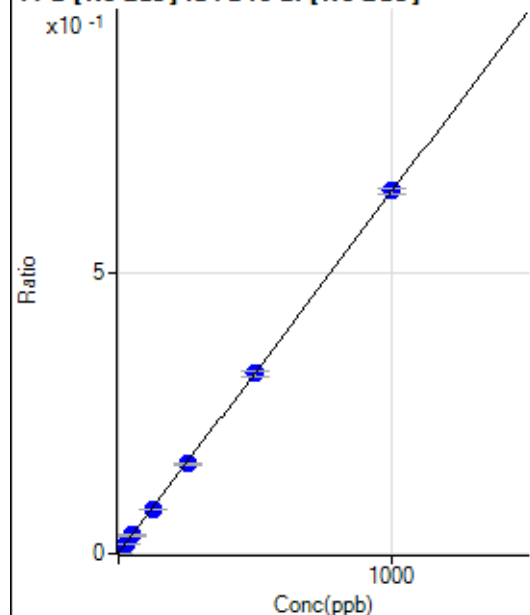
$$y = 1.2605E-004 * x + 2.0752E-004$$

$$R = 0.9999$$

$$DL = 2.222$$

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	272.24	0.0008	P	20.6
2	☐	2.500					
3	☐	25.000	24.324	5248.44	0.0165	P	5.1
4	☐	50.000	49.763	10890.71	0.0328	P	3.1
5	☐	125.000	122.535	27646.90	0.0796	P	0.6
6	☐	250.000	248.458	54229.11	0.1604	P	2.3
7	☐	500.000	496.397	109100.10	0.3197	P	3.0
8	☐	1000.000	1002.524	221007.39	0.6448	P	1.6
9	☐			9367.34	0.0257	P	12.2

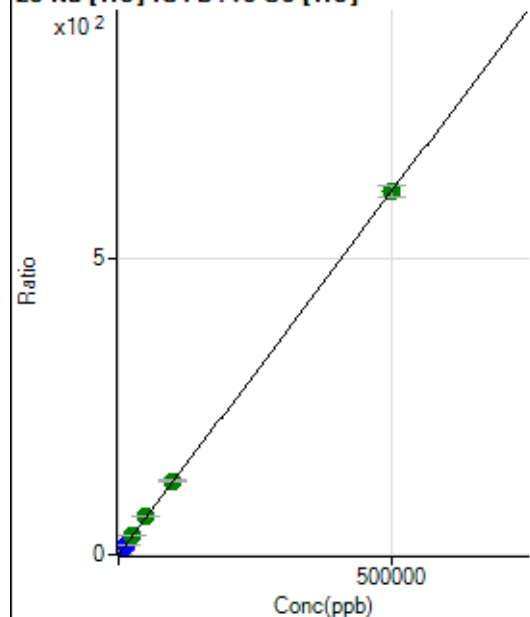
$$y = 6.4233\text{E-}004 * x + 8.4872\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.816$$

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	10824.03	0.2344	P	3.1
2	☐	50.000					
3	☐	500.000	466.742	37634.16	0.8065	P	1.3
4	☐	5000.000	5170.697	310302.95	6.5722	P	0.6
5	☐	12500.000	12942.571	754823.99	16.0984	P	0.5
6	☐	25000.000	26449.233	1503627.94	32.6538	A	1.8
7	☐	50000.000	51804.582	2939980.38	63.7324	A	0.9
8	☐	100000.00	101276.85	5797258.73	124.3717	A	2.6
9	☐	500000.00	499478.97	30275750.33	612.4569	A	3.2

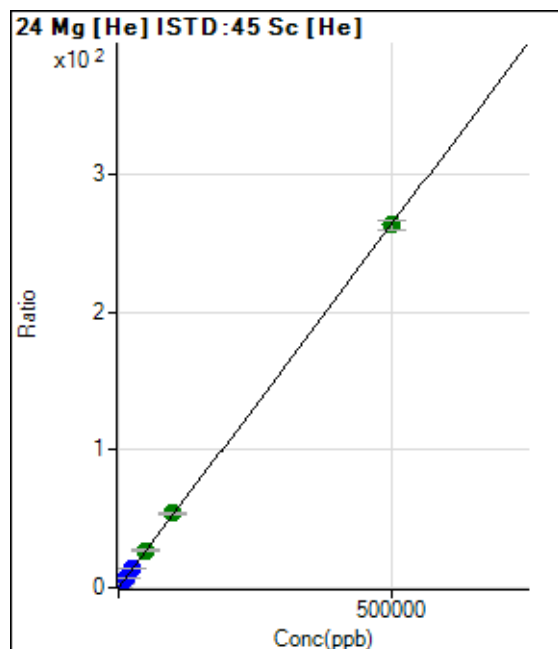
$$y = 0.0012 * x + 0.2344$$

$$R = 1.0000$$

$$DL = 17.55$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	144.45	0.0031	P	24.8
2	☐	50.000					
3	☐	500.000	490.717	12227.96	0.2620	P	3.2
4	☐	5000.000	5189.825	129419.02	2.7410	P	0.2
5	☐	12500.000	12987.171	321387.40	6.8545	P	1.1
6	☐	25000.000	25788.426	626539.48	13.6078	P	2.4
7	☐	50000.000	51595.946	1255820.89	27.2226	A	0.5
8	☐	100000.00	102273.66	2515094.78	53.9577	A	2.6
9	☐	500000.00	499332.18	13023336.32	263.4262	A	2.7

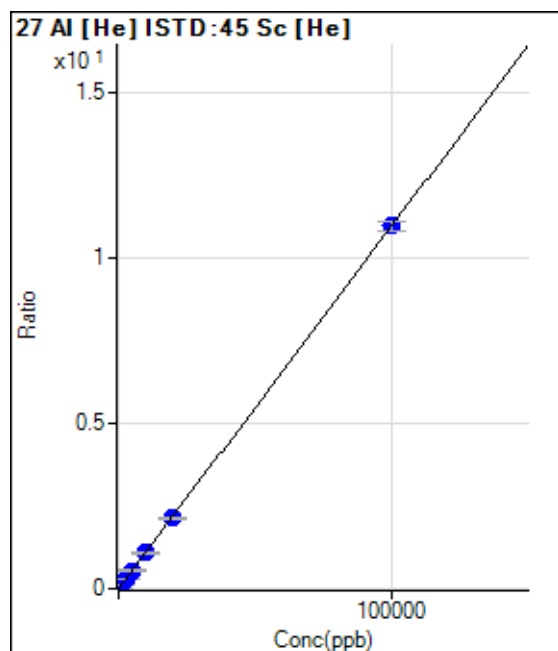
$$y = 5.2755E-004 * x + 0.0031$$

$$R = 1.0000$$

$$DL = 4.428$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.45	0.0004	P	26.7
2	☐	2.000					
3	☐	20.000	26.517	155.57	0.0033	P	30.7
4	☐	1000.000	999.122	5190.07	0.1099	P	6.1
5	☐	2500.000	2497.590	12850.78	0.2741	P	3.9
6	☐	5000.000	4989.124	25184.32	0.5471	P	4.2
7	☐	10000.000	9887.765	50006.00	1.0839	P	2.2
8	☐	20000.000	19531.711	99784.02	2.1407	P	2.9
9	☐	100000.00	100105.49	542338.05	10.9702	P	2.8

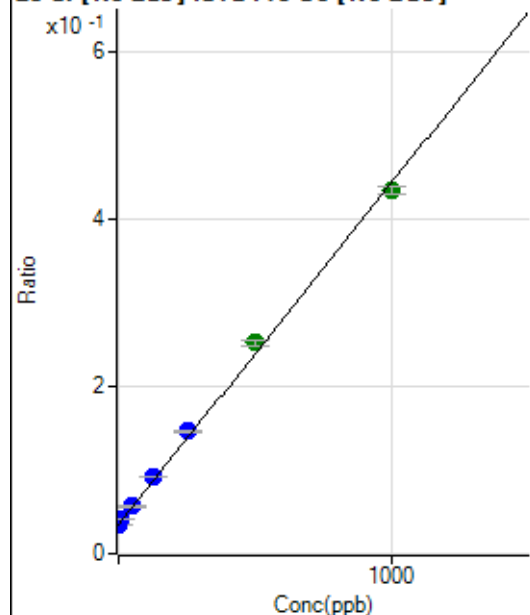
$$y = 1.0958E-004 * x + 4.2227E-004$$

$$R = 1.0000$$

$$DL = 3.09$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	153660.63	0.0350	P	3.1
2	☐	1.000					
3	☐	10.000	13.252	179959.09	0.0404	P	0.7
4	☐	50.000	52.593	258013.14	0.0565	P	1.3
5	☐	125.000	138.842	421026.44	0.0917	P	1.7
6	☐	250.000	272.763	667653.60	0.1464	P	2.4
7	☐	500.000	532.491	1146756.41	0.2525	A	2.6
8	☐	1000.000	976.171	1992485.81	0.4338	A	2.0
9	☐			223117.29	0.0456	P	0.4

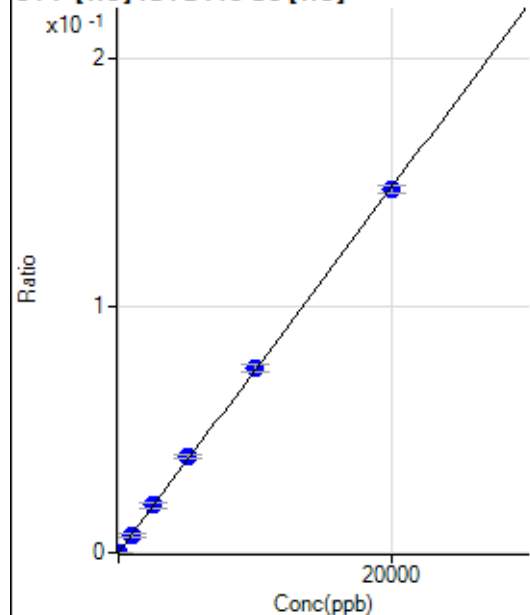
$$y = 4.0848\text{E-}004 * x + 0.0350$$

$$R = 0.9989$$

$$DL = 7.891$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.002	2.78	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	-0.002	2.78	0.0001	P	173.
4	☐	1000.000	954.467	336.13	0.0071	P	14.7
5	☐	2500.000	2604.938	905.63	0.0193	P	13.4
6	☐	5000.000	5274.173	1800.20	0.0391	P	3.6
7	☐	10000.000	10106.432	3450.56	0.0748	P	3.2
8	☐	20000.000	19867.400	6854.73	0.1470	P	2.2
9	☐			11.11	0.0002	P	86.7

$$y = 7.3953\text{E-}006 * x + 5.9546\text{E-}005$$

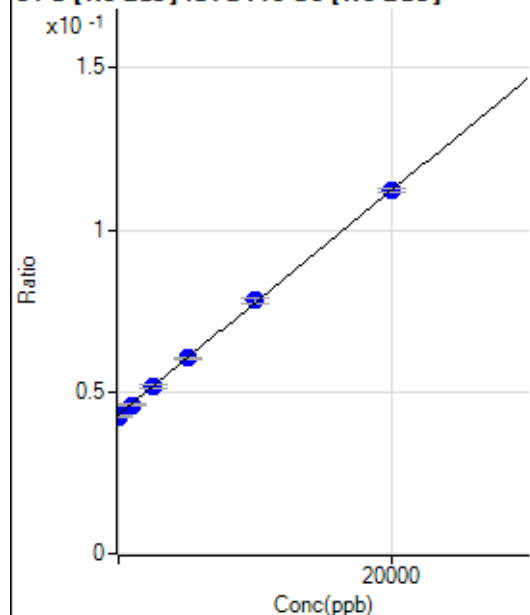
$$R = 0.9999$$

$$DL = 41.84$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	195.435	191645.47	0.0437	P	1.9
2	☐	0.000					
3	☐	0.000	-195.435	188328.96	0.0423	P	1.5
4	☐	1000.000	858.202	209873.19	0.0460	P	1.0
5	☐	2500.000	2548.190	237787.41	0.0518	P	2.5
6	☐	5000.000	5000.352	274987.94	0.0603	P	1.8
7	☐	10000.000	10141.117	354742.09	0.0781	P	2.6
8	☐	20000.000	19930.420	514647.41	0.1120	P	1.0
9	☐			198746.27	0.0406	P	0.5

$$y = 3.4645\text{E-}006 * x + 0.0430$$

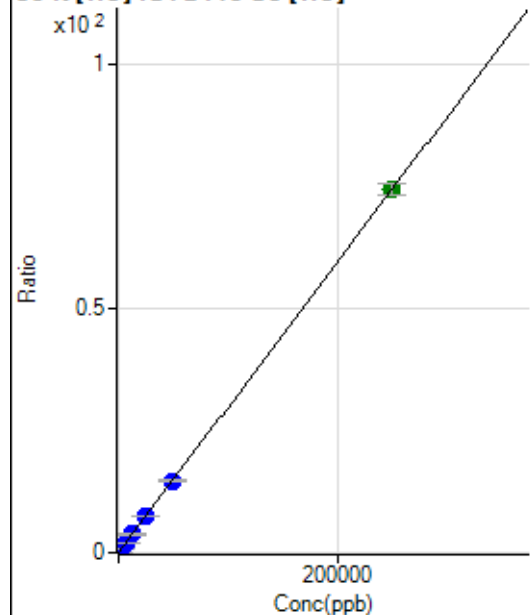
$$R = 0.9998$$

$$DL = 623.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2339.19	0.0507	P	5.5
2	☐	50.000					
3	☐	500.000	460.638	8747.60	0.1875	P	2.0
4	☐	2500.000	2502.100	37475.87	0.7937	P	0.2
5	☐	6250.000	6302.082	90121.73	1.9222	P	1.8
6	☐	12500.000	12497.044	173198.03	3.7619	P	2.7
7	☐	25000.000	24764.681	341597.35	7.4050	P	0.3
8	☐	50000.000	49057.105	681458.36	14.6190	P	2.2
9	☐	250000.00	250211.01	3675528.12	74.3552	A	3.3

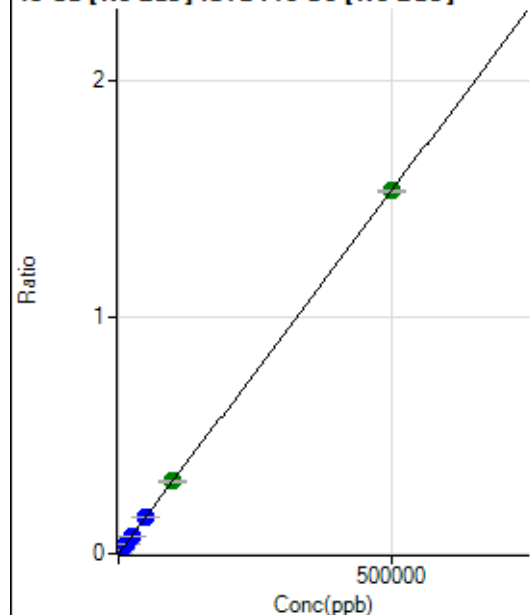
$$y = 2.9697\text{E-}004 * x + 0.0507$$

$$R = 1.0000$$

$$DL = 28.04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.57	0.0001	P	11.1
2	☐	50.000					
3	☐	500.000	454.112	6510.13	0.0015	P	7.3
4	☐	5000.000	5037.705	70894.16	0.0155	P	1.3
5	☐	12500.000	12611.160	177865.60	0.0388	P	2.5
6	☐	25000.000	24833.155	347672.21	0.0762	P	1.7
7	☐	50000.000	50331.383	701462.23	0.1545	P	2.7
8	☐	100000.00	99914.646	1408282.27	0.3066	A	1.3
9	☐	500000.00	499989.16	7512665.53	1.5339	A	0.5

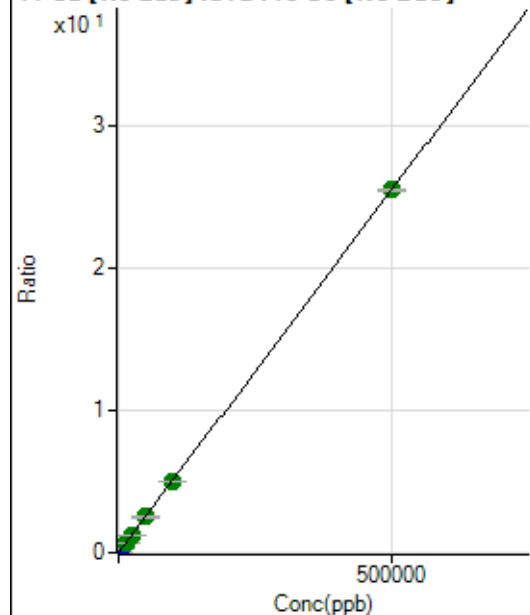
$$y = 3.0676\text{E-}006 * x + 6.9533\text{E-}005$$

$$R = 1.0000$$

$$DL = 7.549$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10793.55	0.0025	P	3.0
2	☐	50.000					
3	☐	500.000	460.725	115520.76	0.0260	P	1.1
4	☐	5000.000	4950.348	1163968.31	0.2549	P	0.5
5	☐	12500.000	12716.227	2986862.00	0.6509	A	2.9
6	☐	25000.000	24742.263	5763384.68	1.2641	A	2.4
7	☐	50000.000	49775.488	11535034.89	2.5405	A	3.4
8	☐	100000.00	98989.016	23198324.30	5.0499	A	0.8
9	☐	500000.00	500232.66	124943848.6	25.5093	A	0.9

$$y = 5.0990\text{E-}005 * x + 0.0025$$

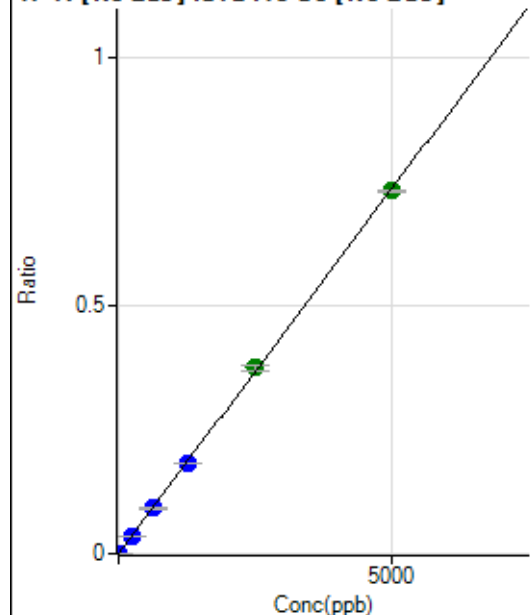
$$R = 1.0000$$

$$DL = 4.275$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	8.2
2	☐	0.500					
3	☐	5.000	4.364	2933.76	0.0007	P	5.0
4	☐	250.000	246.050	165210.08	0.0362	P	0.6
5	☐	625.000	621.152	419054.49	0.0913	P	2.0
6	☐	1250.000	1238.744	830195.03	0.1821	P	1.2
7	☐	2500.000	2553.241	1703866.23	0.3752	A	3.2
8	☐	5000.000	4976.872	3360182.91	0.7314	A	0.6
9	☐			1252.90	0.0003	P	10.3

$$y = 1.4696E-004 * x + 1.7735E-005$$

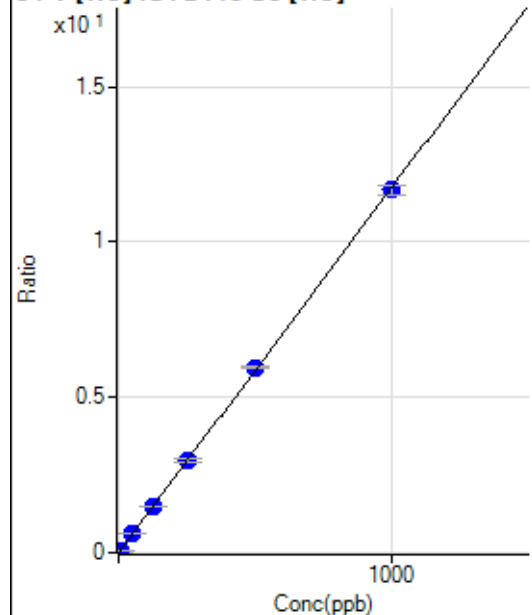
$$R = 0.9999$$

$$DL = 0.02961$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15.56	0.0003	P	10.7
2	☐	0.500					
3	☐	5.000	4.586	2528.05	0.0542	P	2.3
4	☐	50.000	50.421	27969.25	0.5924	P	0.8
5	☐	125.000	126.504	69661.00	1.4858	P	1.5
6	☐	250.000	253.474	137045.96	2.9767	P	2.7
7	☐	500.000	508.414	275407.44	5.9702	P	0.8
8	☐	1000.000	994.717	544447.08	11.6805	P	2.6
9	☐			337.79	0.0068	P	15.6

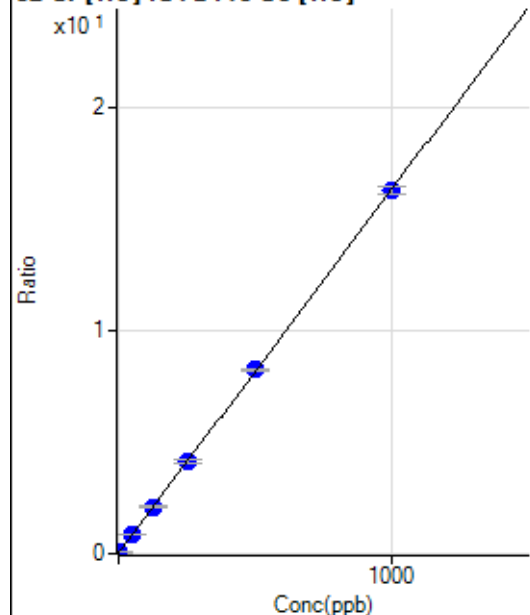
$$y = 0.0117 * x + 3.3629E-004$$

$$R = 0.9999$$

$$DL = 0.009213$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	994.50	0.0215	P	7.8
2	☐	0.200					
3	☐	2.000	1.983	2515.83	0.0539	P	4.0
4	☐	50.000	50.648	40056.18	0.8484	P	0.6
5	☐	125.000	127.858	98876.13	2.1089	P	1.4
6	☐	250.000	252.957	191126.81	4.1512	P	2.5
7	☐	500.000	504.723	381102.04	8.2613	P	0.9
8	☐	1000.000	996.510	759348.61	16.2899	P	2.2
9	☐			41477.04	0.8389	P	2.1

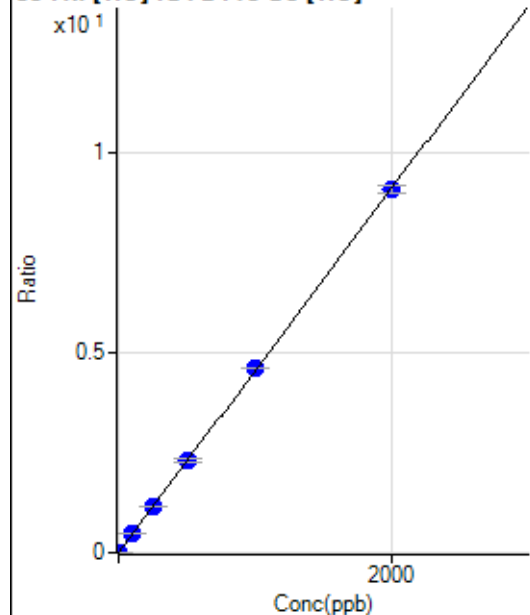
$$y = 0.0163 * x + 0.0215$$

$$R = 1.0000$$

$$DL = 0.3099$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0013	P	35.8
2	☐	0.100					
3	☐	1.000	0.943	258.90	0.0056	P	9.7
4	☐	100.000	102.577	22109.98	0.4683	P	1.7
5	☐	250.000	255.734	54649.87	1.1656	P	1.0
6	☐	500.000	506.676	106260.19	2.3080	P	3.1
7	☐	1000.000	1010.551	212297.87	4.6021	P	0.4
8	☐	2000.000	1992.210	422866.48	9.0714	P	2.1
9	☐			2280.22	0.0461	P	5.4

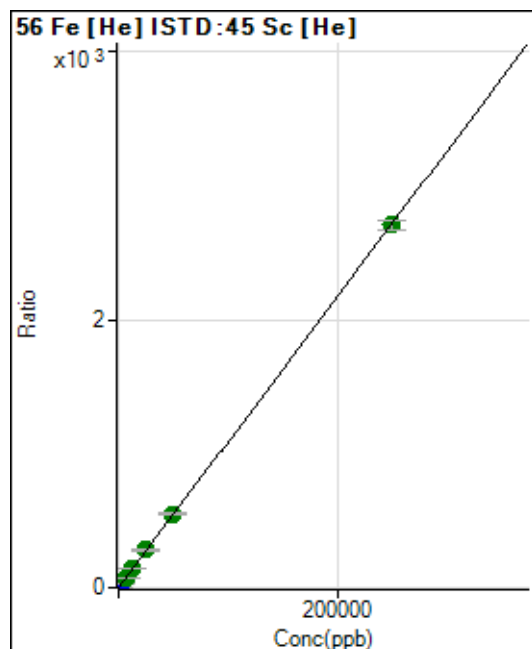
$$y = 0.0046 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 0.2963$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2398.42	0.0519	P	4.6
2	☐	5.000					
3	☐	50.000	48.186	26804.09	0.5744	P	1.5
4	☐	2500.000	2621.406	1344522.51	28.4772	P	0.8
5	☐	6250.000	6664.420	3390880.54	72.3177	A	0.6
6	☐	12500.000	12995.822	6490870.51	140.9724	A	2.3
7	☐	25000.000	25820.105	12918006.77	280.0327	A	0.6
8	☐	50000.000	50893.958	25728598.49	551.9215	A	1.9
9	☐	250000.00	249702.83	133856436.3	2,707.709	A	3.0

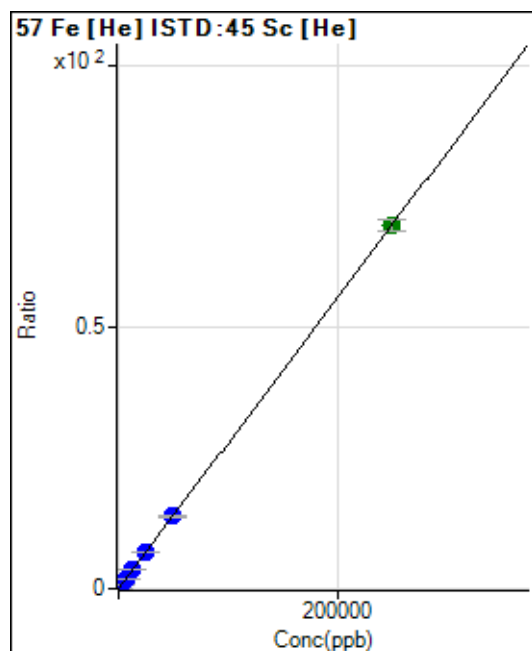
$$y = 0.0108 * x + 0.0519$$

$$R = 1.0000$$

$$DL = 0.6616$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0013	P	21.4
2	☐	5.000					
3	☐	50.000	50.273	711.15	0.0152	P	7.0
4	☐	2500.000	2590.858	34006.89	0.7202	P	0.8
5	☐	6250.000	6386.478	83156.51	1.7735	P	1.1
6	☐	12500.000	12854.808	164280.51	3.5685	P	3.1
7	☐	25000.000	25464.267	326034.75	7.0676	P	0.3
8	☐	50000.000	50091.217	648048.31	13.9015	P	1.8
9	☐	250000.00	249913.26	3428362.14	69.3518	A	3.1

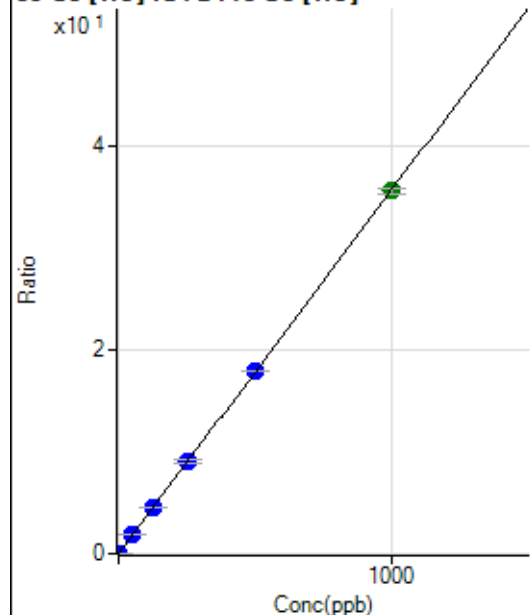
$$y = 2.7750E-004 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 2.976$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.34	0.0022	P	22.1
2	☐	0.100					
3	☐	1.000	0.958	1700.13	0.0364	P	5.3
4	☐	50.000	51.376	86678.44	1.8358	P	0.5
5	☐	125.000	128.115	214488.99	4.5746	P	1.1
6	☐	250.000	253.523	416648.65	9.0503	P	3.1
7	☐	500.000	501.671	826036.35	17.9065	P	0.5
8	☐	1000.000	997.826	1660274.72	35.6139	A	1.6
9	☐			3184.87	0.0645	P	4.8

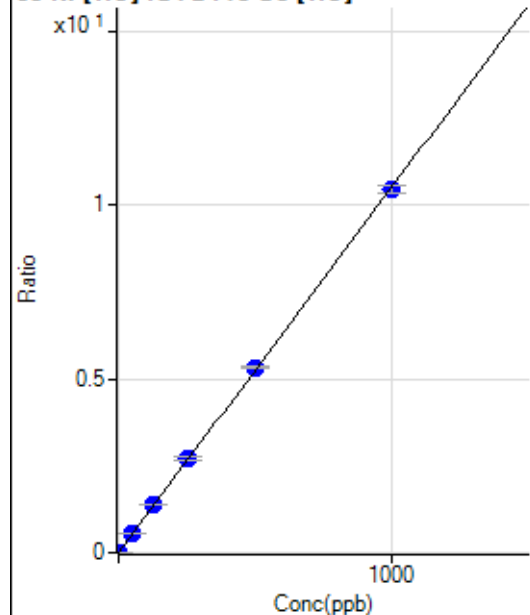
$$y = 0.0357 * x + 0.0022$$

$$R = 1.0000$$

$$DL = 0.04161$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	87.78	0.0019	P	24.8
2	☐	0.100					
3	☐	1.000	0.986	572.25	0.0123	P	9.3
4	☐	50.000	52.012	25904.32	0.5487	P	0.6
5	☐	125.000	129.424	63880.46	1.3624	P	0.7
6	☐	250.000	257.570	124737.31	2.7095	P	3.0
7	☐	500.000	507.513	246192.56	5.3369	P	0.5
8	☐	1000.000	993.697	487029.94	10.4476	P	1.9
9	☐			16200.75	0.3277	P	2.5

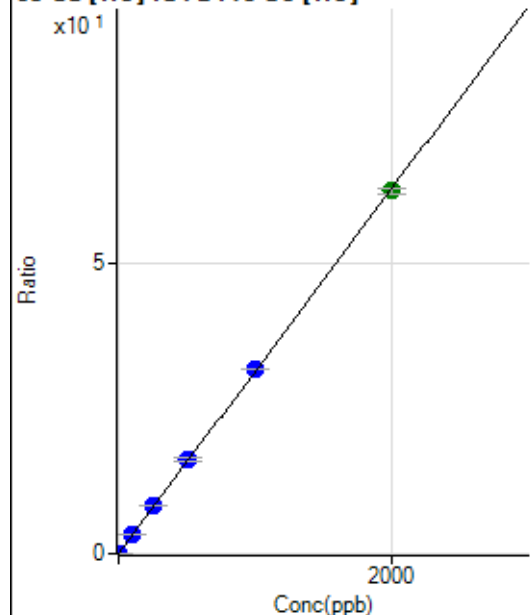
$$y = 0.0105 * x + 0.0019$$

$$R = 0.9999$$

$$DL = 0.1348$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	461.13	0.0100	P	3.7
2	☐	0.200					
3	☐	2.000	1.947	3316.01	0.0711	P	2.8
4	☐	100.000	102.891	152849.71	3.2375	P	1.5
5	☐	250.000	258.739	381019.68	8.1261	P	0.5
6	☐	500.000	516.168	745889.92	16.2012	P	2.8
7	☐	1000.000	1010.925	1463297.70	31.7208	P	0.5
8	☐	2000.000	1989.259	2909492.39	62.4093	A	1.4
9	☐			6835.13	0.1383	P	3.7

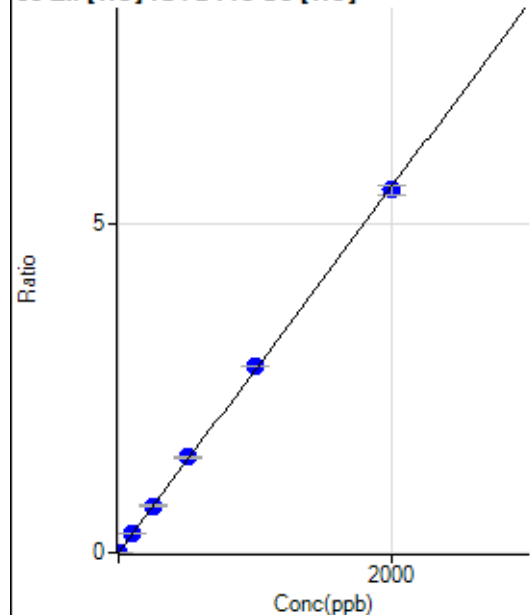
$$y = 0.0314 * x + 0.0100$$

$$R = 0.9999$$

$$DL = 0.03573$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.44	0.0008	P	57.9
2	☐	0.200					
3	☐	2.000	1.697	255.56	0.0055	P	7.7
4	☐	100.000	104.043	13719.18	0.2906	P	2.0
5	☐	250.000	257.129	33619.75	0.7170	P	0.8
6	☐	500.000	521.129	66862.57	1.4524	P	3.4
7	☐	1000.000	1019.654	131066.73	2.8412	P	0.2
8	☐	2000.000	1983.798	257626.80	5.5270	P	2.5
9	☐			1254.52	0.0254	P	1.7

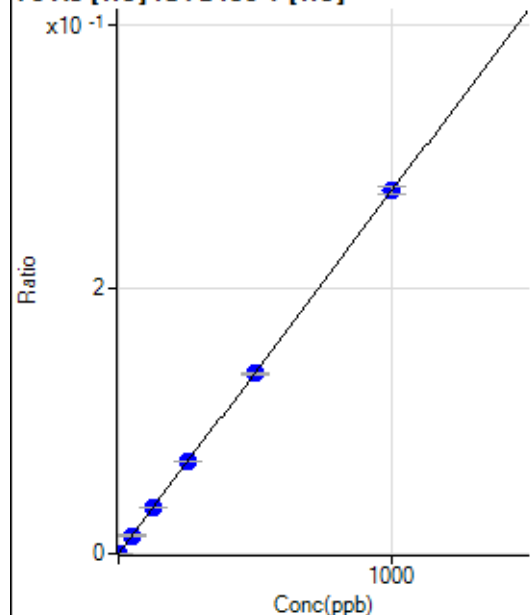
$$y = 0.0028 * x + 7.5074E-004$$

$$R = 0.9999$$

$$DL = 0.4681$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0001	P	39.4
2	☐	0.100					
3	☐	1.000	0.832	93.21	0.0003	P	24.0
4	☐	50.000	49.869	4673.06	0.0137	P	2.2
5	☐	125.000	126.273	11786.59	0.0346	P	1.2
6	☐	250.000	254.767	23166.39	0.0698	P	1.2
7	☐	500.000	496.076	45774.27	0.1359	P	0.1
8	☐	1000.000	1000.618	92081.73	0.2741	P	2.1
9	☐			45.68	0.0001	P	23.2

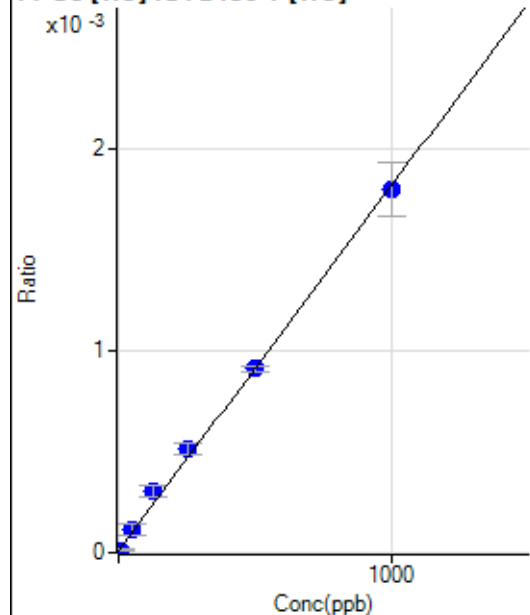
$$y = 2.7385\text{E-}004 * x + 5.0283\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.217$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	0.500					
3	☐	5.000	-0.021	3.33	0.0000	P	100.
4	☐	50.000	57.688	38.89	0.0001	P	42.6
5	☐	125.000	164.174	104.45	0.0003	P	17.9
6	☐	250.000	279.406	171.12	0.0005	P	12.5
7	☐	500.000	498.385	306.67	0.0009	P	3.5
8	☐	1000.000	988.200	602.25	0.0018	P	15.0
9	☐			3.33	0.0000	P	99.9

$$y = 1.8068\text{E-}006 * x + 9.9401\text{E-}006$$

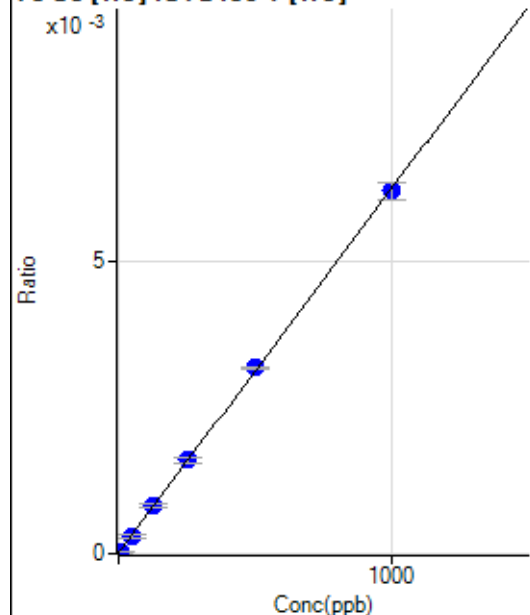
$$R = 0.9988$$

$$DL = 16.64$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.32	0.0000	P	50.9
2	☐	0.500					
3	☐	5.000	2.049	8.64	0.0000	P	26.3
4	☐	50.000	45.026	100.00	0.0003	P	12.9
5	☐	125.000	129.937	279.64	0.0008	P	4.2
6	☐	250.000	255.591	531.50	0.0016	P	6.5
7	☐	500.000	508.522	1069.81	0.0032	P	1.6
8	☐	1000.000	993.988	2083.51	0.0062	P	4.6
9	☐			3.70	0.0000	P	88.7

$$y = 6.2198\text{E-}006 * x + 1.3160\text{E-}005$$

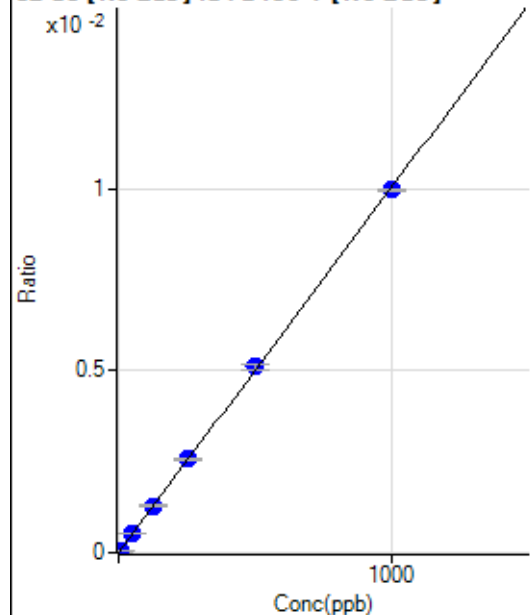
$$R = 0.9999$$

$$DL = 3.231$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-148.94	0.0000	P	-29.
2	☐	0.500					
3	☐	5.000	4.910	313.34	0.0000	P	17.3
4	☐	50.000	52.282	4846.87	0.0005	P	1.4
5	☐	125.000	128.042	12134.27	0.0013	P	3.2
6	☐	250.000	256.128	24272.83	0.0026	P	2.1
7	☐	500.000	508.172	48397.32	0.0051	P	3.7
8	☐	1000.000	993.888	96037.83	0.0100	P	0.7
9	☐			-30.21	0.0000	P	-76.

$$y = 1.0047\text{E-}005 * x - 1.5779\text{E-}005$$

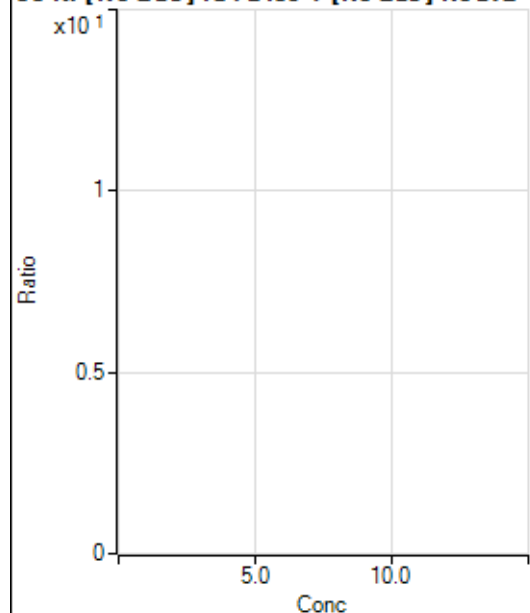
$$R = 0.9999$$

$$DL = 1.402$$

Weight: <None>

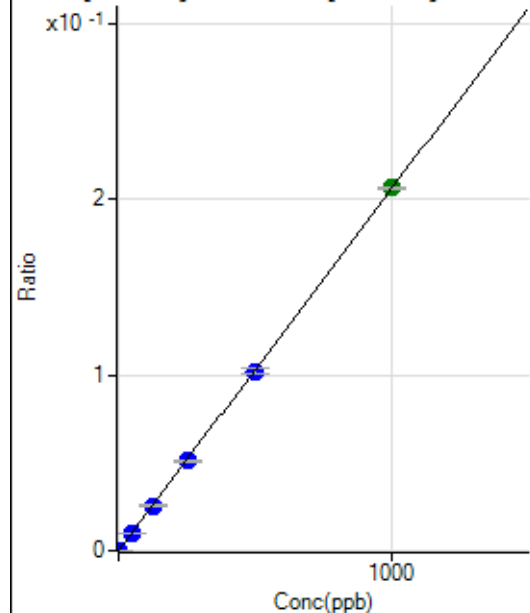
Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			496.69	0.0001	P	10.1
2	☐						
3	☐			486.68	0.0001	P	8.5
4	☐			431.13	0.0000	P	2.0
5	☐			471.13	0.0000	P	7.4
6	☐			437.79	0.0000	P	4.3
7	☐			477.80	0.0001	P	5.1
8	☐			455.57	0.0000	P	11.4
9	☐			468.91	0.0000	P	4.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	583.38	0.0001	P	5.8
2	☐	0.100					
3	☐	1.000	0.905	2316.98	0.0002	P	8.5
4	☐	50.000	49.449	97458.17	0.0102	P	1.0
5	☐	125.000	124.139	244731.63	0.0256	P	2.5
6	☐	250.000	247.288	483889.53	0.0510	P	1.5
7	☐	500.000	495.187	970299.47	0.1020	P	3.1
8	☐	1000.000	1003.220	1990616.89	0.2066	A	0.6
9	☐			67414.81	0.0070	P	1.1

$$y = 2.0592E-004 * x + 6.1683E-005$$

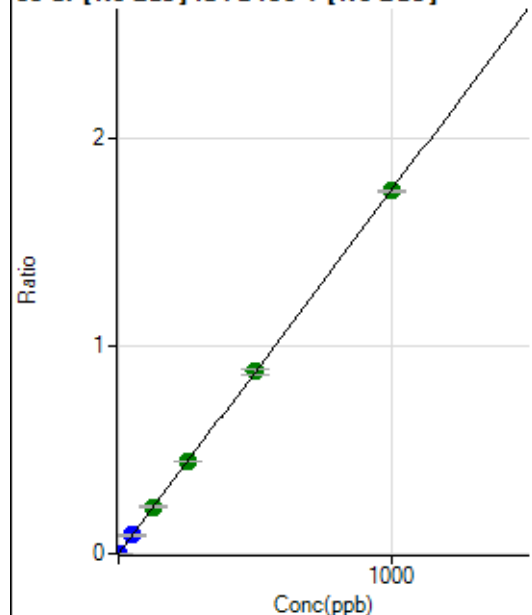
$$R = 1.0000$$

$$DL = 0.05178$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0000	P	43.9
2	☐	0.100					
3	☐	1.000	0.962	15851.52	0.0017	P	4.2
4	☐	50.000	50.324	839106.22	0.0882	P	0.4
5	☐	125.000	128.368	2148617.78	0.2250	A	2.7
6	☐	250.000	254.271	4229628.61	0.4456	A	0.7
7	☐	500.000	500.804	8347107.22	0.8777	A	2.6
8	☐	1000.000	998.093	16849286.83	1.7492	A	0.6
9	☐			582844.20	0.0603	P	0.6

$$y = 0.0018 * x + 1.2309E-005$$

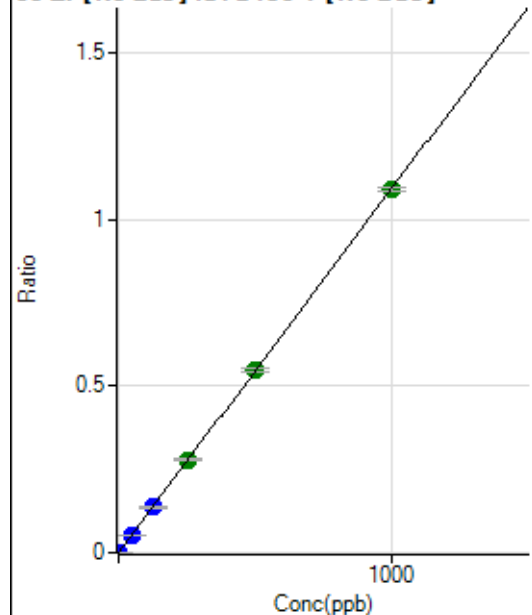
$$R = 1.0000$$

$$DL = 0.009246$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	694.50	0.0001	P	5.4
2	☐	0.100					
3	☐	1.000	0.926	10118.12	0.0011	P	1.8
4	☐	50.000	49.265	511874.75	0.0538	P	0.7
5	☐	125.000	125.196	1304879.35	0.1366	P	2.4
6	☐	250.000	255.498	2645546.11	0.2787	A	1.7
7	☐	500.000	503.173	5220221.38	0.5489	A	2.6
8	☐	1000.000	997.051	10476110.30	1.0876	A	1.0
9	☐			4323.11	0.0004	P	8.6

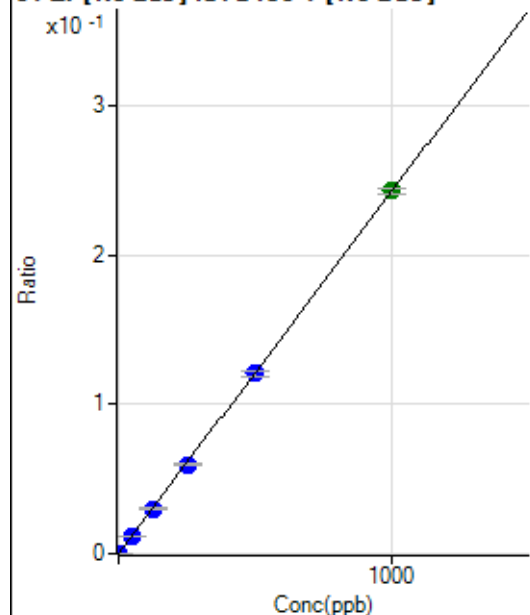
$$y = 0.0011 * x + 7.3433E-005$$

$$R = 1.0000$$

$$DL = 0.011$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	150.01	0.0000	P	16.5
2	☐	0.100					
3	☐	1.000	0.875	2128.04	0.0002	P	13.1
4	☐	50.000	49.087	113422.49	0.0119	P	0.5
5	☐	125.000	124.579	288767.93	0.0302	P	2.4
6	☐	250.000	246.699	568136.41	0.0599	P	0.8
7	☐	500.000	498.030	1148991.79	0.1208	P	3.0
8	☐	1000.000	1001.909	2341126.22	0.2430	A	1.6
9	☐			936.19	0.0001	P	7.1

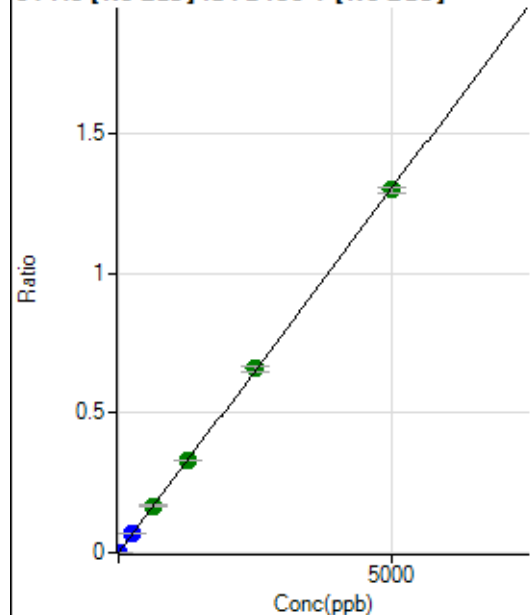
$$y = 2.4257\text{E-}004 * x + 1.5863\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03237$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	469.48	0.0000	P	17.3
2	☐	0.500					
3	☐	5.000	4.590	11633.29	0.0012	P	2.5
4	☐	250.000	251.384	623434.34	0.0655	P	0.4
5	☐	625.000	641.619	1596937.14	0.1672	A	1.9
6	☐	1250.000	1267.025	3133172.68	0.3301	A	1.0
7	☐	2500.000	2522.522	6249158.34	0.6572	A	3.4
8	☐	5000.000	4982.337	12502117.47	1.2979	A	1.5
9	☐			17876.44	0.0018	P	3.4

$$y = 2.6050\text{E-}004 * x + 4.9612\text{E-}005$$

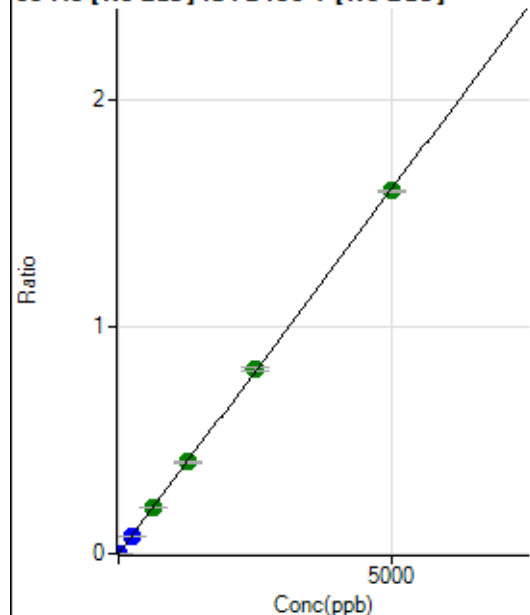
$$R = 1.0000$$

$$DL = 0.09872$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.13	0.0000	P	20.6
2	☐	0.500					
3	☐	5.000	4.565	13996.72	0.0015	P	2.2
4	☐	250.000	249.817	763316.13	0.0802	P	0.0
5	☐	625.000	639.088	1960126.19	0.2052	A	1.9
6	☐	1250.000	1265.647	3856719.62	0.4064	A	2.1
7	☐	2500.000	2533.763	7736678.21	0.8135	A	2.7
8	☐	5000.000	4977.455	15393754.86	1.5981	A	0.8
9	☐			28344.38	0.0029	P	1.3

$$y = 3.2105\text{E-}004 * x + 3.2896\text{E-}005$$

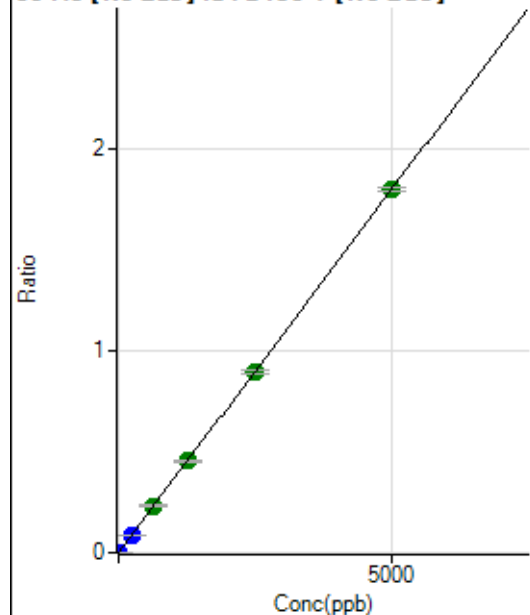
$$R = 1.0000$$

$$DL = 0.06317$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	469.48	0.0000	P	8.9
2	☐	0.500					
3	☐	5.000	4.678	16204.85	0.0017	P	0.3
4	☐	250.000	247.440	848510.95	0.0892	P	0.7
5	☐	625.000	642.579	2211227.20	0.2316	A	3.2
6	☐	1250.000	1264.402	4324022.41	0.4556	A	1.0
7	☐	2500.000	2494.578	8547867.73	0.8988	A	2.5
8	☐	5000.000	4997.041	17341791.88	1.8003	A	1.0
9	☐			32640.17	0.0034	P	2.3

$$y = 3.6027\text{E-}004 * x + 4.9620\text{E-}005$$

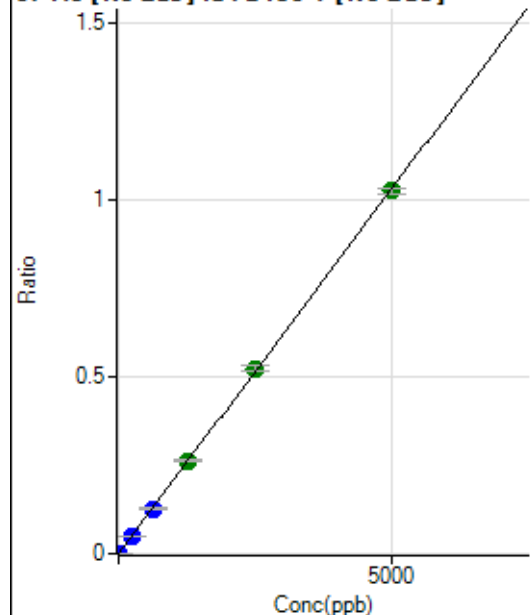
$$R = 1.0000$$

$$DL = 0.03667$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	405.58	0.0000	P	14.0
2	☐	0.500					
3	☐	5.000	4.544	9159.08	0.0010	P	3.6
4	☐	250.000	245.496	482221.63	0.0507	P	0.4
5	☐	625.000	619.368	1220983.02	0.1278	P	1.4
6	☐	1250.000	1274.110	2495197.10	0.2629	A	1.4
7	☐	2500.000	2538.062	4980186.65	0.5237	A	2.8
8	☐	5000.000	4975.871	9889011.77	1.0266	A	1.3
9	☐			18602.36	0.0019	P	3.9

$$y = 2.0631E-004 * x + 4.2907E-005$$

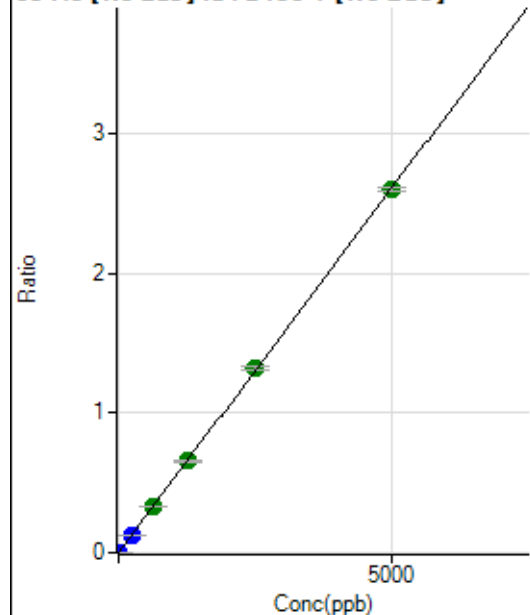
$$R = 0.9999$$

$$DL = 0.0876$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	580.60	0.0001	P	6.5
2	☐	0.500					
3	☐	5.000	4.533	22655.99	0.0024	P	3.8
4	☐	250.000	248.223	1232467.94	0.1296	P	0.1
5	☐	625.000	636.061	3170159.59	0.3319	A	1.6
6	☐	1250.000	1262.517	6251508.95	0.6587	A	1.6
7	☐	2500.000	2531.699	12560824.07	1.3208	A	2.8
8	☐	5000.000	4979.728	25024232.33	2.5979	A	1.0
9	☐			46282.91	0.0048	P	3.3

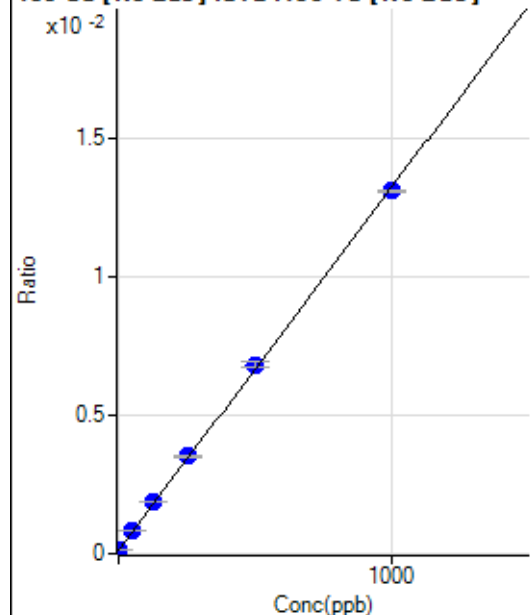
$$y = 5.2168E-004 * x + 6.1417E-005$$

$$R = 1.0000$$

$$DL = 0.02279$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1469.59	0.0001	P	1.0
2	☐	0.100					
3	☐	1.000	1.339	1652.96	0.0001	P	5.2
4	☐	50.000	53.869	10248.80	0.0008	P	3.8
5	☐	125.000	133.063	23218.12	0.0019	P	1.7
6	☐	250.000	259.858	43947.82	0.0035	P	1.9
7	☐	500.000	511.046	85805.99	0.0068	P	2.9
8	☐	1000.000	990.811	168453.59	0.0131	P	0.4
9	☐			1816.88	0.0001	P	9.2

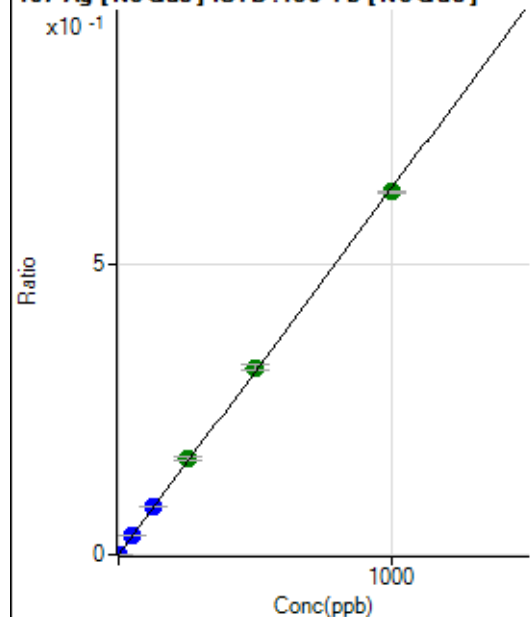
$$y = 1.3090\text{E-}005 * x + 1.1917\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.2823$$

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	97.23	0.0000	P	48.4
2	☐	0.100					
3	☐	1.000	1.002	7730.37	0.0006	P	0.4
4	☐	50.000	52.058	407913.18	0.0328	P	1.5
5	☐	125.000	130.628	1027224.56	0.0823	P	2.7
6	☐	250.000	261.941	2060872.75	0.1651	A	2.5
7	☐	500.000	511.559	4063925.39	0.3225	A	2.7
8	☐	1000.000	990.429	8034782.47	0.6243	A	0.7
9	☐			1475.16	0.0001	P	10.4

$$y = 6.3034\text{E-}004 * x + 7.9110\text{E-}006$$

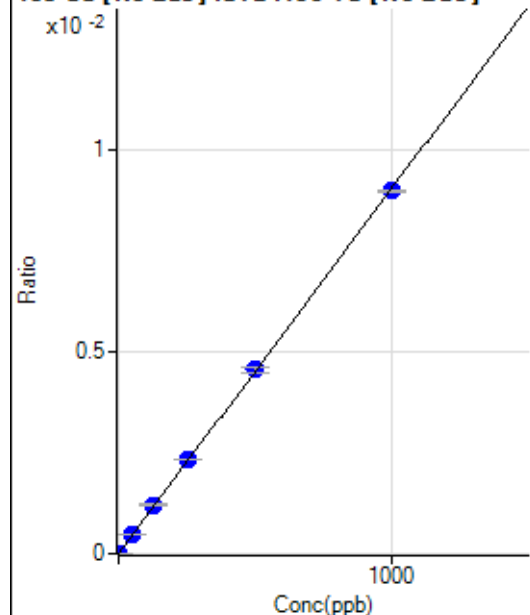
$$R = 0.9998$$

$$DL = 0.01824$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	42.5
2	☐	0.100					
3	☐	1.000	0.855	98.61	0.0000	P	11.8
4	☐	50.000	52.113	5848.62	0.0005	P	3.0
5	☐	125.000	132.294	14895.99	0.0012	P	3.1
6	☐	250.000	257.742	29035.80	0.0023	P	1.6
7	☐	500.000	505.432	57486.24	0.0046	P	3.0
8	☐	1000.000	994.331	115480.57	0.0090	P	0.5
9	☐			51.39	0.0000	P	9.4

$$y = 9.0235\text{E-}006 * x + 4.4970\text{E-}007$$

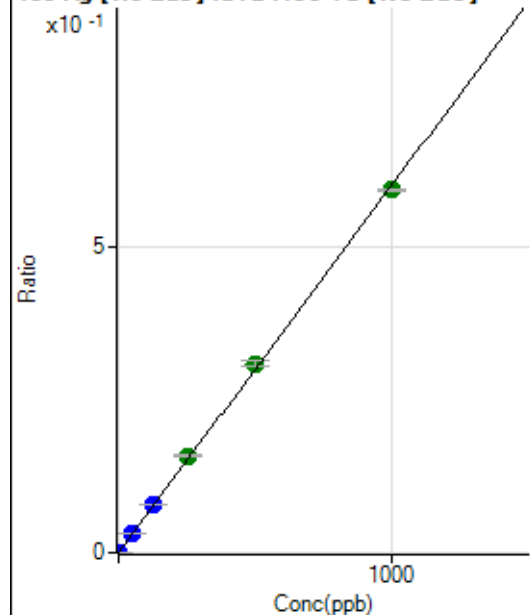
$$R = 0.9999$$

$$DL = 0.06349$$

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	83.34	0.0000	P	25.6
2	☐	0.100					
3	☐	1.000	0.987	7260.60	0.0006	P	0.8
4	☐	50.000	52.452	392409.84	0.0316	P	1.1
5	☐	125.000	131.135	984743.07	0.0789	P	1.8
6	☐	250.000	263.151	1976906.99	0.1584	A	1.7
7	☐	500.000	514.862	3905349.48	0.3099	A	2.6
8	☐	1000.000	988.392	7655805.73	0.5949	A	0.8
9	☐			1550.17	0.0001	P	10.9

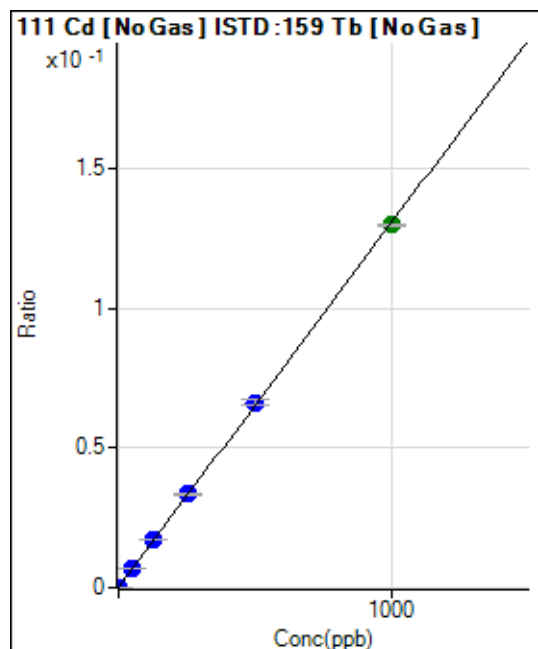
$$y = 6.0186\text{E-}004 * x + 6.7477\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.008618$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1041.49	0.0001	P	1.2
2	☐	0.100					
3	☐	1.000	0.984	2575.66	0.0002	P	2.2
4	☐	50.000	52.310	86026.86	0.0069	P	1.2
5	☐	125.000	130.643	214096.89	0.0172	P	2.0
6	☐	250.000	256.093	418903.05	0.0336	P	1.1
7	☐	500.000	507.865	837677.77	0.0665	P	2.8
8	☐	1000.000	993.724	1672799.06	0.1300	A	0.3
9	☐			1603.91	0.0001	P	6.5

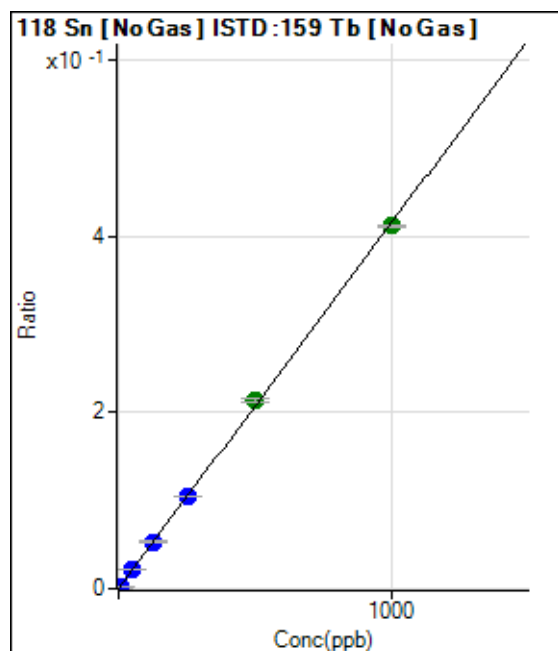
$$y = 1.3071\text{E-}004 * x + 8.4453\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02264$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1478.84	0.0001	P	25.5
2	☐	0.500					
3	☐	5.000	4.623	24626.31	0.0020	P	2.3
4	☐	50.000	50.802	263452.74	0.0212	P	0.5
5	☐	125.000	128.460	666338.53	0.0534	P	2.7
6	☐	250.000	252.644	1309908.13	0.1049	P	1.3
7	☐	500.000	514.551	2691966.03	0.2136	A	2.7
8	☐	1000.000	991.593	5296375.51	0.4115	A	0.4
9	☐			10679.74	0.0009	P	2.1

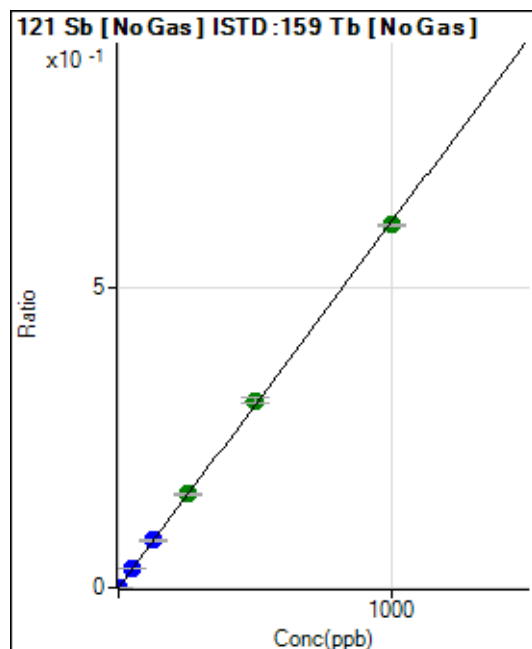
$$y = 4.1490\text{E-}004 * x + 1.1989\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.221$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.79	0.0000	P	18.2
2	☐	0.200					
3	☐	2.000	1.898	14216.49	0.0012	P	0.6
4	☐	50.000	50.445	383215.59	0.0308	P	1.4
5	☐	125.000	128.872	982487.61	0.0788	P	2.0
6	☐	250.000	255.350	1947568.99	0.1560	A	1.2
7	☐	500.000	512.058	3942470.57	0.3129	A	3.4
8	☐	1000.000	992.127	7801340.36	0.6062	A	0.5
9	☐			20664.26	0.0017	P	7.9

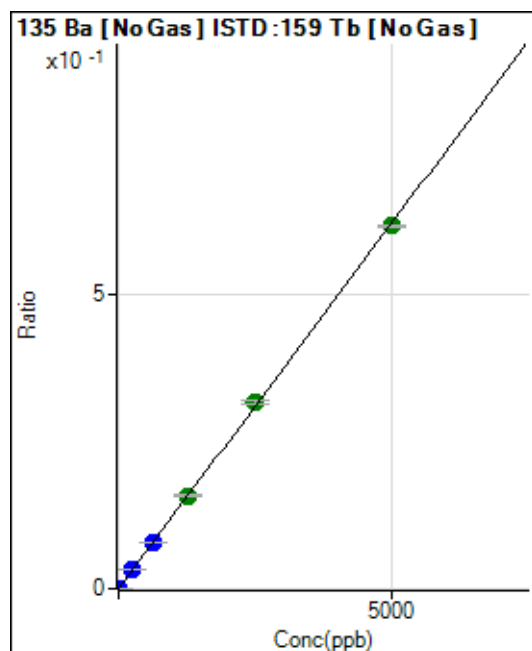
$$y = 6.1096\text{E-}004 * x + 1.6440\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01472$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	48.1
2	☐	1.000					
3	☐	10.000	9.445	14274.98	0.0012	P	1.3
4	☐	250.000	253.048	391284.57	0.0315	P	0.9
5	☐	625.000	636.799	988313.32	0.0792	P	2.0
6	☐	1250.000	1270.497	1972591.12	0.1580	A	2.2
7	☐	2500.000	2553.145	4002606.38	0.3176	A	2.7
8	☐	5000.000	4966.677	7951416.84	0.6178	A	0.3
9	☐			3181.10	0.0003	P	3.3

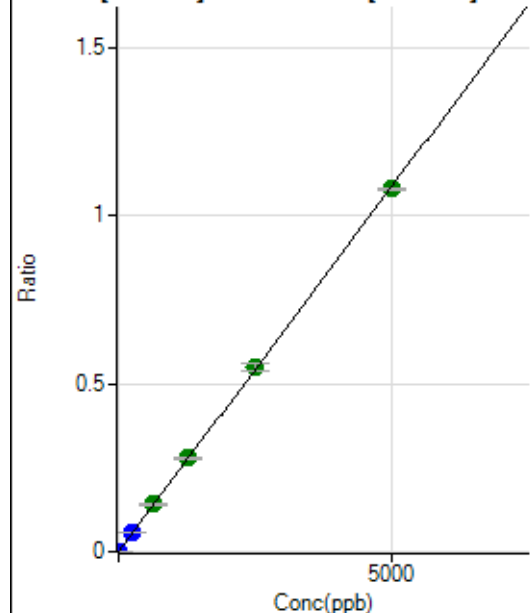
$$y = 1.2439\text{E-}004 * x + 6.3086\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.07316$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	97.23	0.0000	P	3.9
2	☐	1.000					
3	☐	10.000	9.387	24685.01	0.0020	P	3.0
4	☐	250.000	255.614	688711.95	0.0554	P	1.4
5	☐	625.000	649.189	1755707.70	0.1407	A	2.2
6	☐	1250.000	1280.302	3464294.30	0.2775	A	1.8
7	☐	2500.000	2531.325	6914979.32	0.5487	A	3.3
8	☐	5000.000	4973.459	13875462.81	1.0781	A	0.5
9	☐			5520.83	0.0004	P	1.7

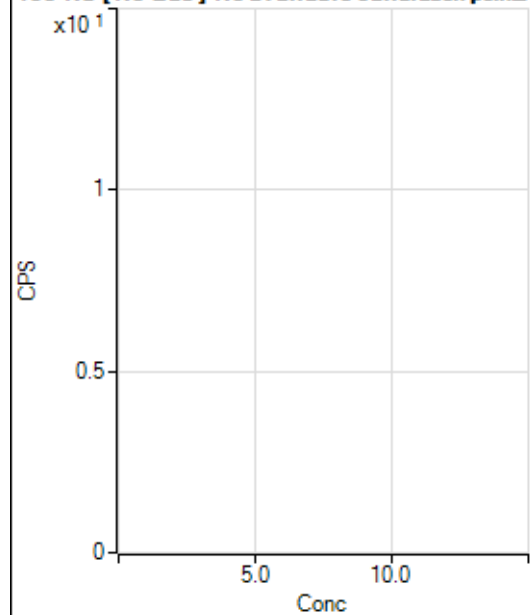
$$y = 2.1678E-004 * x + 7.8811E-006$$

$$R = 0.9999$$

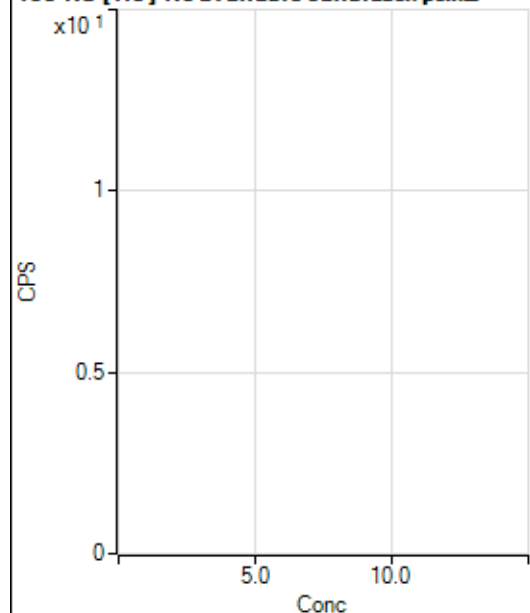
$$DL = 0.004232$$

Weight: <None>

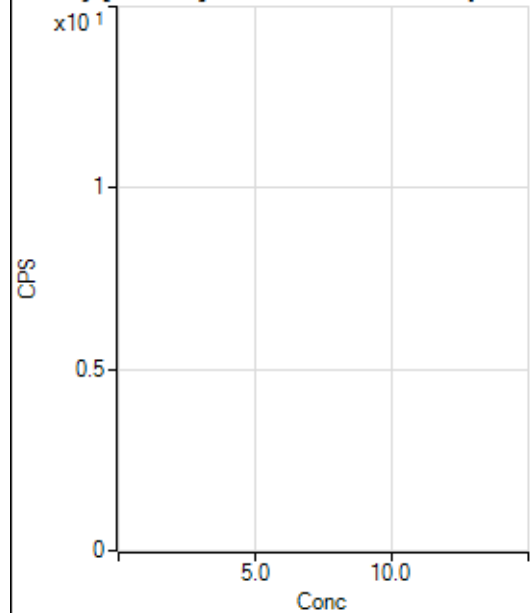
Min Conc: 0

150 Nd [No Gas] No available calibration points

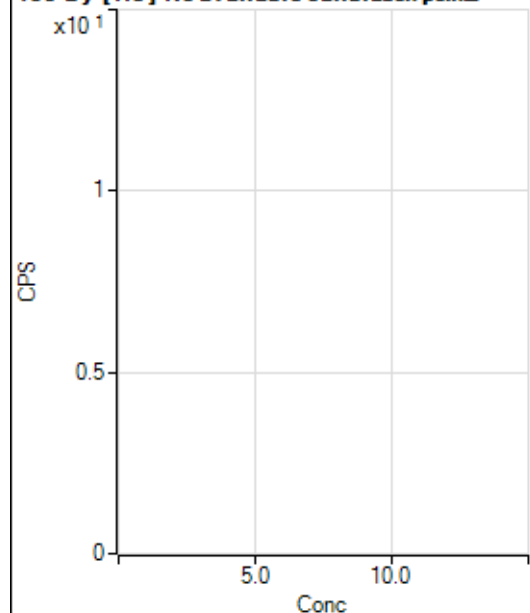
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			4.45		P	86.6
4	☐			15.56		P	89.2
5	☐			28.89		P	53.3
6	☐			55.56		P	54.1
7	☐			86.67		P	27.7
8	☐			304.46		P	8.8
9	☐			82.23		P	40.0

150 Nd [He] No available calibration points

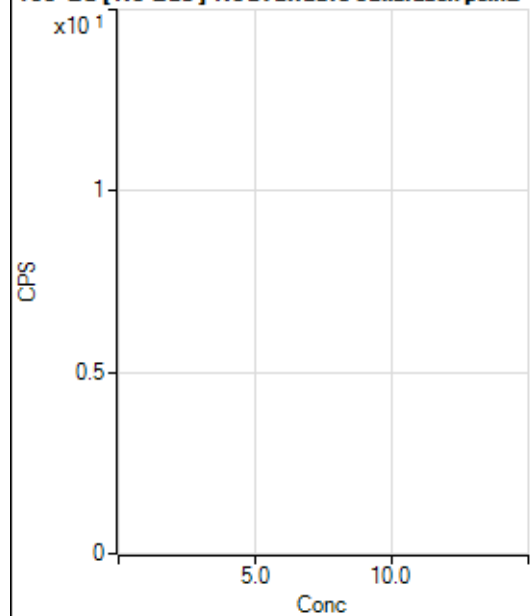
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			0.00		P	
6	☐			2.22		P	86.6
7	☐			4.44		P	43.4
8	☐			15.56		P	12.4
9	☐			15.55		P	24.8

156 Dy [No Gas] No available calibration points

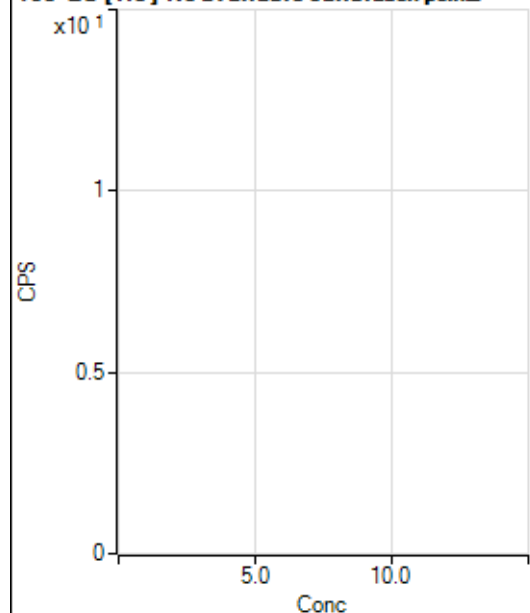
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			13.89		P	91.6
4	☐			8.33		P	100.
5	☐			25.00		P	33.3
6	☐			33.34		P	66.1
7	☐			50.00		P	60.1
8	☐			125.01		P	30.6
9	☐			72.22		P	6.7

156 Dy [He] No available calibration points

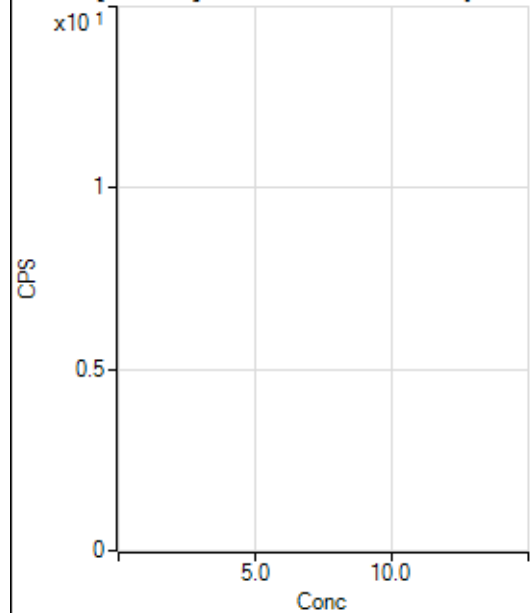
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			3.33		P	100.
6	☐			11.11		P	75.5
7	☐			11.11		P	34.6
8	☐			12.22		P	41.7
9	☐			7.78		P	65.5

160 Gd [No Gas] Noavailable calibration poin_

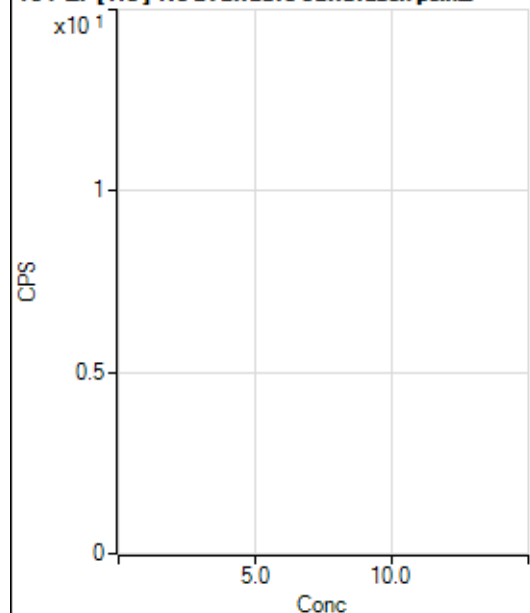
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	50.0
2	☐						
3	☐			38.89		P	12.4
4	☐			41.67		P	20.0
5	☐			41.67		P	52.9
6	☐			69.45		P	13.9
7	☐			63.89		P	39.8
8	☐			127.79		P	35.9
9	☐			77.78		P	27.0

160 Gd [He] No available calibration points

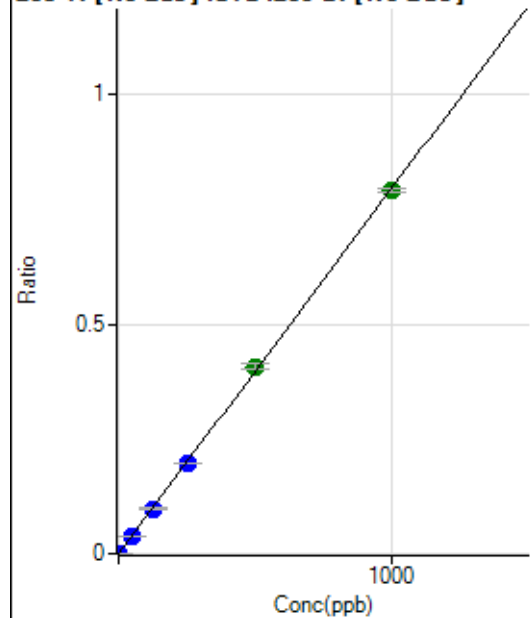
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐						
3	☐			5.56		P	34.7
4	☐			12.22		P	68.7
5	☐			13.33		P	43.3
6	☐			6.67		P	0.0
7	☐			14.44		P	35.3
8	☐			21.11		P	32.9
9	☐			21.11		P	48.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	44.6
2	☐						
3	☐			55.56		P	17.3
4	☐			36.11		P	58.1
5	☐			38.89		P	44.6
6	☐			25.00		P	100.
7	☐			69.45		P	25.0
8	☐			108.34		P	46.8
9	☐			58.34		P	37.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			17.78		P	60.3
4	☐			8.89		P	21.6
5	☐			8.89		P	43.3
6	☐			12.22		P	56.8
7	☐			11.11		P	69.3
8	☐			11.11		P	62.5
9	☐			10.00		P	57.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	194.46	0.0000	P	11.0
2	☐	0.100					
3	☐	1.000	0.932	5812.69	0.0008	P	1.4
4	☐	50.000	49.075	298671.48	0.0390	P	0.9
5	☐	125.000	123.678	763254.08	0.0984	P	2.2
6	☐	250.000	248.284	1517828.05	0.1974	P	0.9
7	☐	500.000	513.391	3146320.80	0.4082	A	3.9
8	☐	1000.000	993.945	6175644.88	0.7903	A	1.0
9	☐			3300.60	0.0005	P	6.4

$$y = 7.9513E-004 * x + 2.5893E-005$$

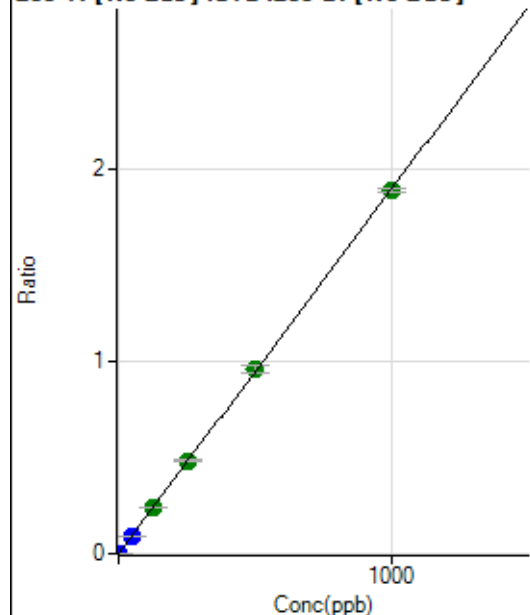
$$R = 0.9999$$

$$DL = 0.01073$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.03	0.0001	P	12.4
2	☐	0.100					
3	☐	1.000	0.932	13819.27	0.0018	P	1.0
4	☐	50.000	49.572	718925.43	0.0940	P	0.7
5	☐	125.000	126.866	1865737.35	0.2404	A	2.1
6	☐	250.000	254.177	3702761.98	0.4817	A	1.4
7	☐	500.000	506.978	7403271.95	0.9607	A	4.5
8	☐	1000.000	995.255	14736187.83	1.8859	A	1.1
9	☐			8219.70	0.0011	P	4.4

$$y = 0.0019 * x + 5.6610E-005$$

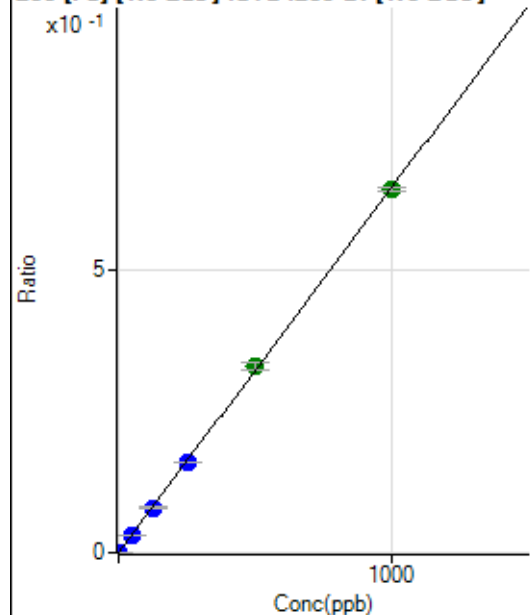
$$R = 1.0000$$

$$DL = 0.01113$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.12	0.0000	P	15.4
2	☐	0.100					
3	☐	1.000	0.957	4984.47	0.0007	P	1.0
4	☐	50.000	49.528	244295.55	0.0319	P	1.5
5	☐	125.000	123.661	618298.34	0.0797	P	2.3
6	☐	250.000	246.898	1222689.96	0.1591	P	1.2
7	☐	500.000	512.773	2545511.72	0.3303	A	4.0
8	☐	1000.000	994.580	5005535.76	0.6406	A	0.9
9	☐			9841.14	0.0014	P	1.3

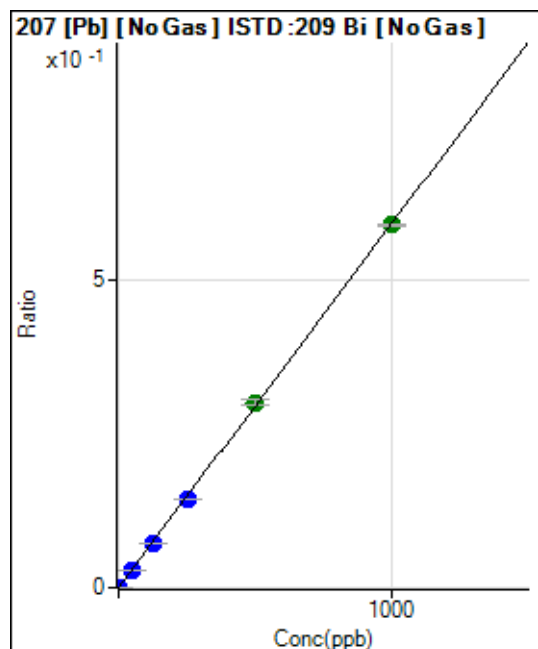
$$y = 6.4405E-004 * x + 4.1456E-005$$

$$R = 0.9999$$

$$DL = 0.02968$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	296.31	0.0000	P	8.6
2	☐	0.100					
3	☐	1.000	0.917	4408.32	0.0006	P	6.3
4	☐	50.000	48.680	220431.36	0.0288	P	1.3
5	☐	125.000	121.372	557023.37	0.0718	P	2.8
6	☐	250.000	243.113	1105237.39	0.1438	P	0.7
7	☐	500.000	509.857	2323939.72	0.3015	A	3.0
8	☐	1000.000	997.313	4607588.18	0.5897	A	0.7
9	☐			8330.81	0.0012	P	3.9

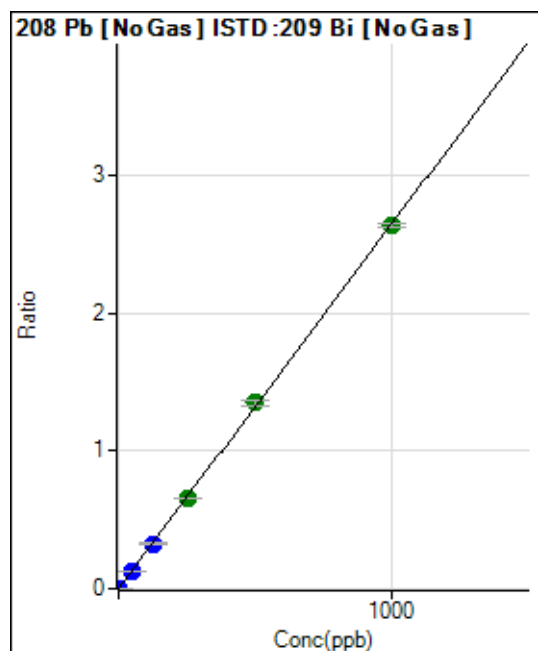
$$y = 5.9121\text{E-}004 * x + 3.9433\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01726$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1320.44	0.0002	P	8.7
2	☐	0.100					
3	☐	1.000	0.915	19689.91	0.0026	P	1.6
4	☐	50.000	48.848	990090.46	0.1294	P	0.6
5	☐	125.000	122.544	2517490.83	0.3245	P	2.5
6	☐	250.000	249.607	5079298.45	0.6607	A	0.4
7	☐	500.000	509.787	10399343.23	1.3492	A	3.6
8	☐	1000.000	995.569	20587550.00	2.6348	A	1.0
9	☐			38805.90	0.0054	P	1.7

$$y = 0.0026 * x + 1.7586\text{E-}004$$

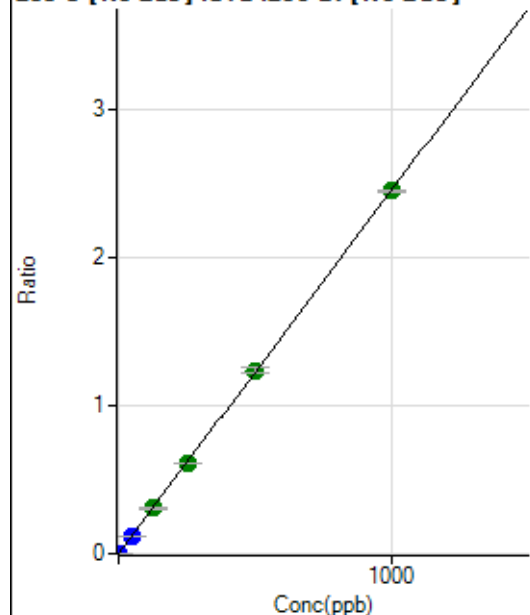
$$R = 0.9999$$

$$DL = 0.0174$$

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	225.02	0.0000	P	30.8
2	☐	0.100					
3	☐	1.000	0.880	16625.75	0.0022	P	4.0
4	☐	50.000	47.938	901919.01	0.1179	P	0.3
5	☐	125.000	124.909	2383955.13	0.3072	A	1.6
6	☐	250.000	249.566	4718107.53	0.6137	A	0.5
7	☐	500.000	503.413	9543035.37	1.2380	A	3.0
8	☐	1000.000	998.516	19187490.88	2.4555	A	0.3
9	☐			4923.43	0.0007	P	4.1

$$y = 0.0025 * x + 2.9907E-005$$

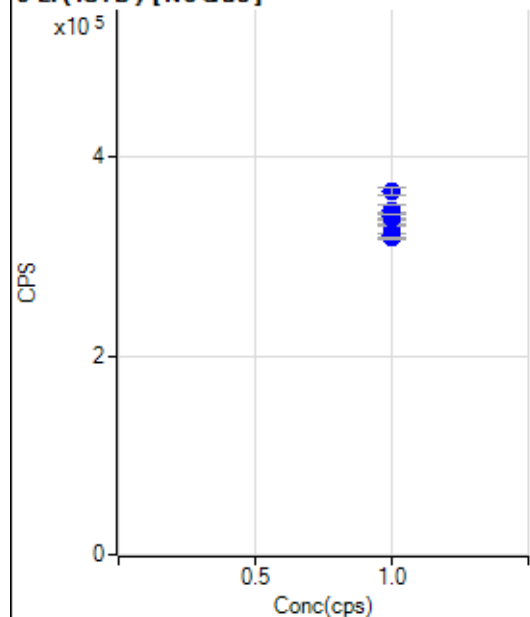
$$R = 1.0000$$

$$DL = 0.01124$$

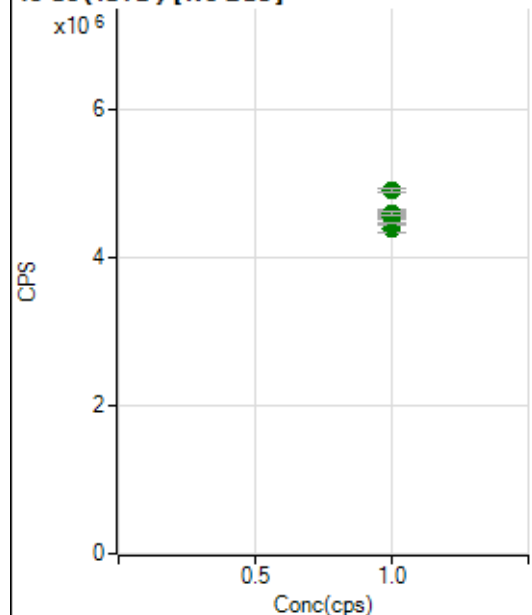
Weight: <None>

Min Conc: 0

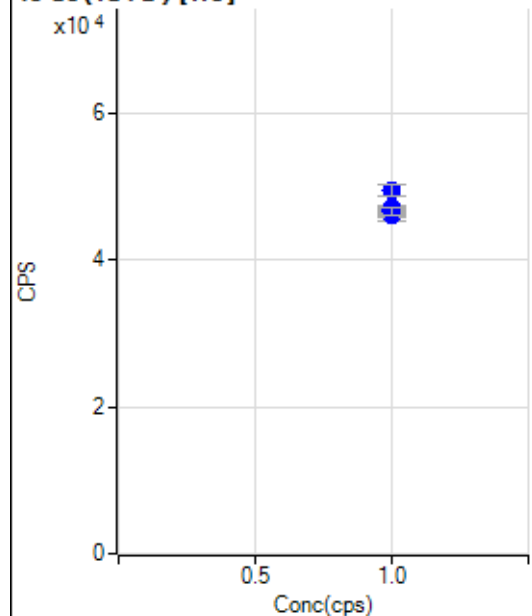
6 Li (ISTD) [No Gas]



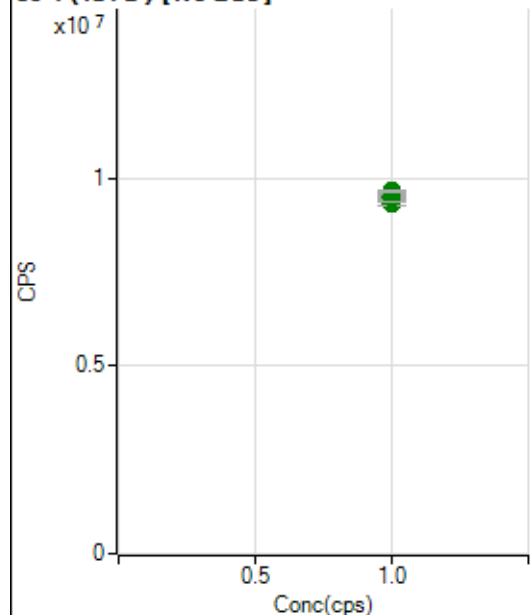
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		321018.59		P	1.2
2	☐	1.000					
3	☐	1.000		318626.03		P	1.1
4	☐	1.000		331861.85		P	0.6
5	☐	1.000		347470.87		P	3.1
6	☐	1.000		337981.91		P	0.4
7	☐	1.000		341349.29		P	1.6
8	☐	1.000		342758.62		P	0.5
9	☐	1.000		365322.71		P	2.0

45 Sc (ISTD) [No Gas]

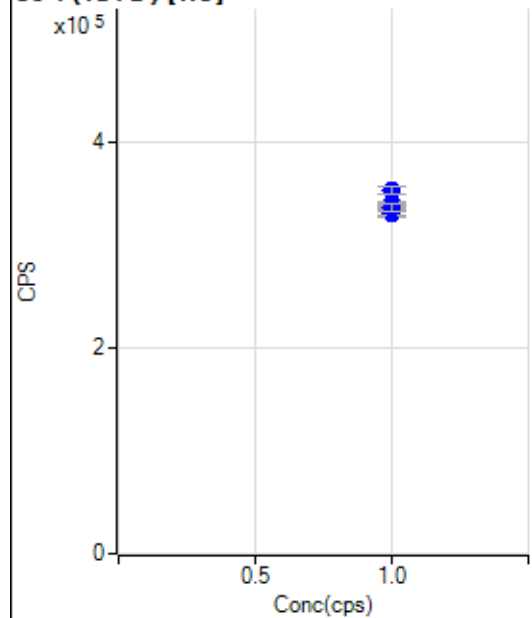
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4390395.72		A	2.0
2	☐	1.000					
3	☐	1.000		4451548.41		A	0.2
4	☐	1.000		4566797.76		A	0.5
5	☐	1.000		4591205.01		A	2.4
6	☐	1.000		4560512.38		A	1.5
7	☐	1.000		4543388.30		A	2.9
8	☐	1.000		4593994.98		A	0.9
9	☐	1.000		4897941.95		A	0.9

45 Sc (ISTD) [He]

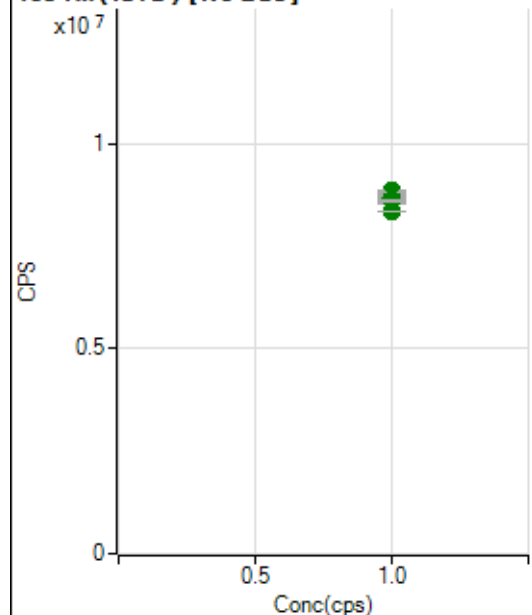
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		46200.58		P	1.8
2	☐	1.000					
3	☐	1.000		46665.21		P	0.9
4	☐	1.000		47215.93		P	0.8
5	☐	1.000		46889.45		P	0.8
6	☐	1.000		46062.19		P	2.7
7	☐	1.000		46131.35		P	0.6
8	☐	1.000		46628.61		P	2.0
9	☐	1.000		49466.12		P	3.2

89 Y (ISTD) [No Gas]

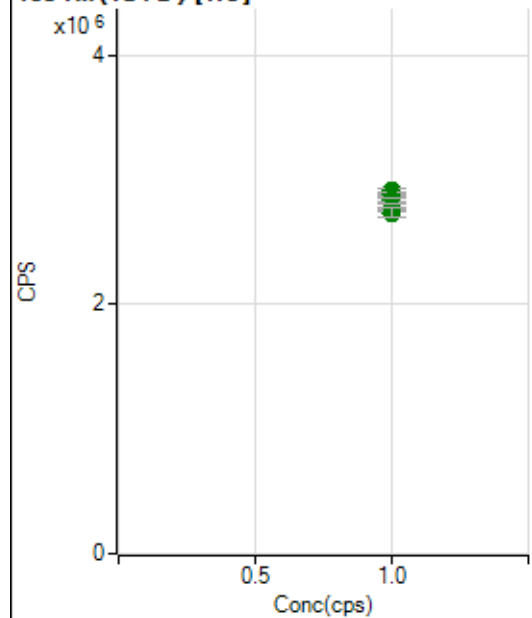
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9456327.22		A	1.1
2	☐	1.000					
3	☐	1.000		9341057.15		A	1.3
4	☐	1.000		9513207.57		A	0.3
5	☐	1.000		9554334.65		A	2.4
6	☐	1.000		9492081.66		A	1.2
7	☐	1.000		9514398.33		A	2.4
8	☐	1.000		9633128.81		A	0.8
9	☐	1.000		9671043.26		A	0.4

89 Y (ISTD) [He]

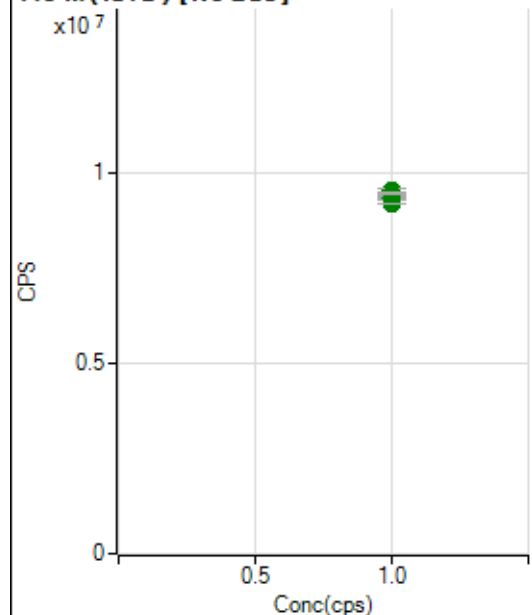
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		331306.25		P	3.0
2	☐	1.000					
3	☐	1.000		334480.17		P	1.6
4	☐	1.000		340955.08		P	0.8
5	☐	1.000		340382.07		P	0.8
6	☐	1.000		331875.96		P	2.2
7	☐	1.000		336828.64		P	0.3
8	☐	1.000		336079.75		P	2.0
9	☐	1.000		352722.30		P	2.0

103 Rh (ISTD) [No Gas]

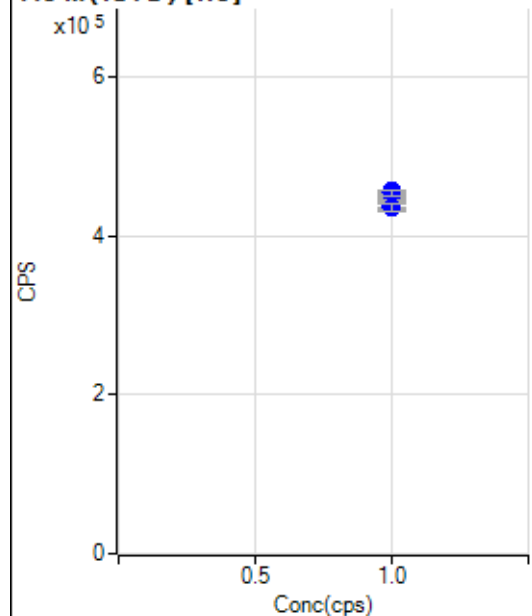
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8847731.62		A	0.9
2	☐	1.000					
3	☐	1.000		8722715.47		A	1.5
4	☐	1.000		8851384.83		A	0.4
5	☐	1.000		8744274.41		A	2.5
6	☐	1.000		8737385.26		A	0.7
7	☐	1.000		8679379.80		A	3.0
8	☐	1.000		8609014.17		A	0.2
9	☐	1.000		8338395.41		A	0.2

103 Rh (ISTD) [He]

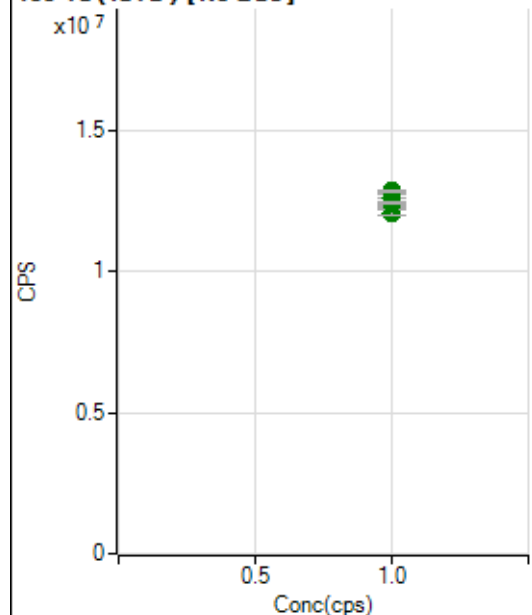
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2812013.01		A	4.1
2	☐	1.000					
3	☐	1.000		2879282.53		A	0.7
4	☐	1.000		2908271.66		A	0.9
5	☐	1.000		2881627.81		A	1.3
6	☐	1.000		2806698.64		A	2.7
7	☐	1.000		2834502.49		A	1.1
8	☐	1.000		2775779.51		A	2.6
9	☐	1.000		2730007.67		A	2.8

115 In (ISTD) [No Gas]

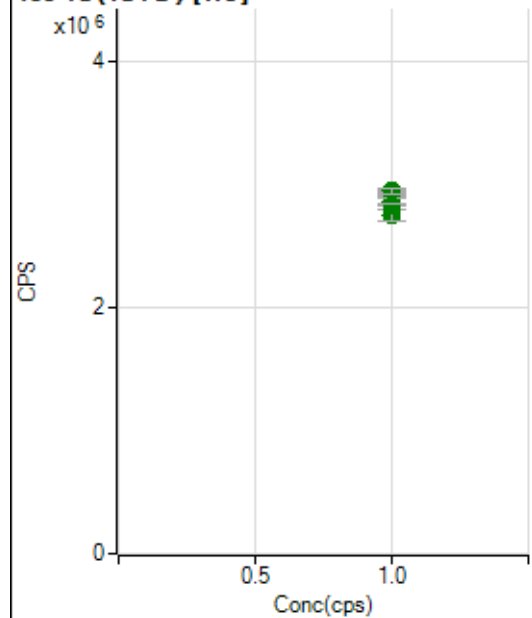
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9311465.62		A	0.6
2	☐	1.000					
3	☐	1.000		9327861.73		A	1.0
4	☐	1.000		9507262.67		A	1.2
5	☐	1.000		9489938.79		A	2.3
6	☐	1.000		9345337.15		A	1.1
7	☐	1.000		9346991.76		A	2.0
8	☐	1.000		9441721.35		A	0.6
9	☐	1.000		9178398.91		A	0.1

115 In (ISTD) [He]

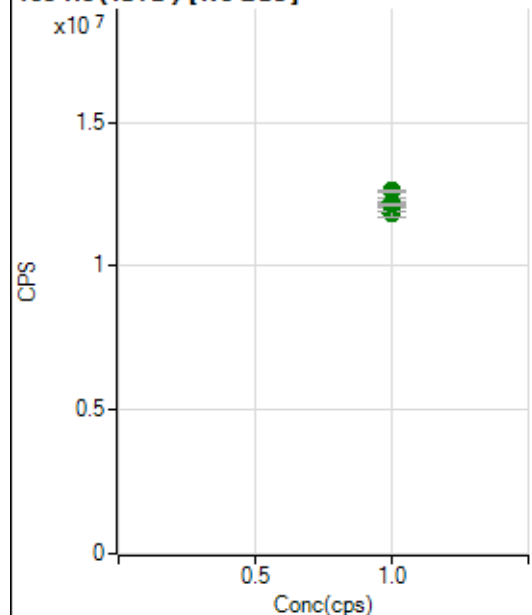
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		443774.86		P	3.2
2	☐	1.000					
3	☐	1.000		449809.89		P	0.9
4	☐	1.000		457007.16		P	0.7
5	☐	1.000		452132.39		P	0.8
6	☐	1.000		438707.66		P	2.1
7	☐	1.000		445487.92		P	0.5
8	☐	1.000		436659.94		P	2.2
9	☐	1.000		454315.18		P	1.9

159 Tb (ISTD) [No Gas]

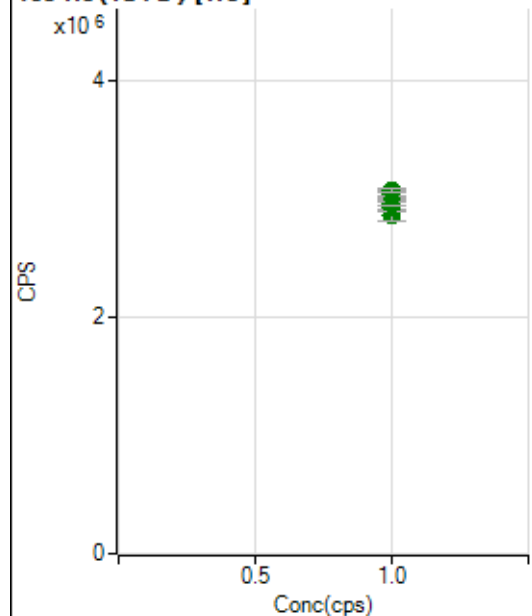
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12333236.20		A	1.1
2	☐	1.000					
3	☐	1.000		12085793.43		A	1.6
4	☐	1.000		12428872.87		A	1.4
5	☐	1.000		12479817.87		A	2.6
6	☐	1.000		12483961.48		A	1.7
7	☐	1.000		12607551.62		A	2.2
8	☐	1.000		12869844.53		A	0.4
9	☐	1.000		12456193.84		A	0.3

159 Tb (ISTD) [He]

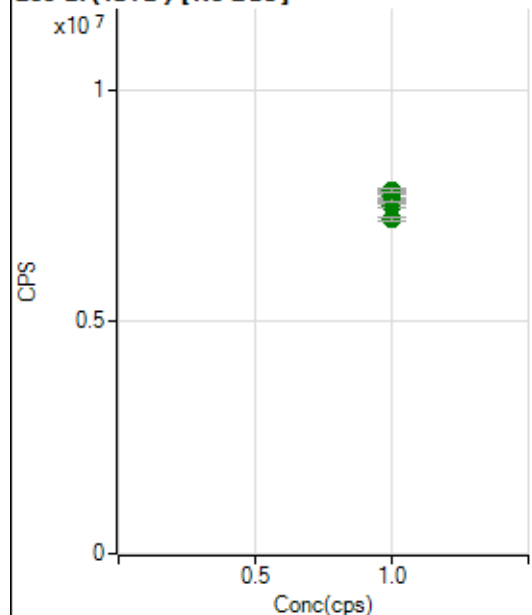
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2751134.37		A	3.3
2	☐	1.000					
3	☐	1.000		2825932.87		A	0.4
4	☐	1.000		2917735.27		A	0.8
5	☐	1.000		2930016.72		A	1.1
6	☐	1.000		2859539.54		A	1.6
7	☐	1.000		2941576.21		A	0.7
8	☐	1.000		2913526.03		A	1.4
9	☐	1.000		2942462.00		A	1.3

165 Ho (ISTD) [No Gas]

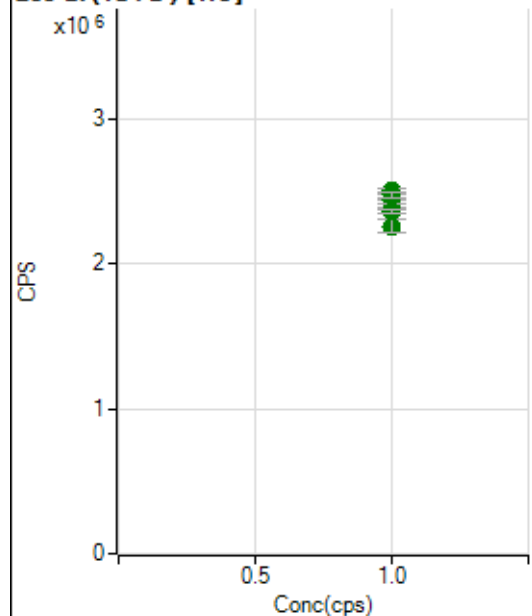
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12034658.34		A	0.4
2	☐	1.000					
3	☐	1.000		11809213.81		A	1.9
4	☐	1.000		12161592.81		A	1.1
5	☐	1.000		12209019.46		A	2.8
6	☐	1.000		12159363.64		A	1.4
7	☐	1.000		12233077.70		A	1.9
8	☐	1.000		12613880.66		A	0.5
9	☐	1.000		12137961.30		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2864670.13		A	3.2
2	☐	1.000					
3	☐	1.000		2923210.68		A	1.8
4	☐	1.000		3004475.55		A	0.8
5	☐	1.000		3026425.06		A	0.5
6	☐	1.000		2968923.36		A	0.9
7	☐	1.000		3027630.37		A	0.4
8	☐	1.000		3050169.33		A	1.3
9	☐	1.000		3072247.32		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7511061.62		A	1.1
2	☐	1.000					
3	☐	1.000		7580473.50		A	1.3
4	☐	1.000		7649066.48		A	0.6
5	☐	1.000		7761986.13		A	2.4
6	☐	1.000		7687803.22		A	1.0
7	☐	1.000		7713926.55		A	3.4
8	☐	1.000		7814335.58		A	1.0
9	☐	1.000		7202381.63		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2264881.55		A	3.6
2	☐	1.000					
3	☐	1.000		2420163.43		A	2.0
4	☐	1.000		2503520.52		A	1.7
5	☐	1.000		2506663.71		A	1.2
6	☐	1.000		2440392.95		A	1.5
7	☐	1.000		2482935.43		A	0.4
8	☐	1.000		2480167.50		A	1.7
9	☐	1.000		2361769.95		A	1.3

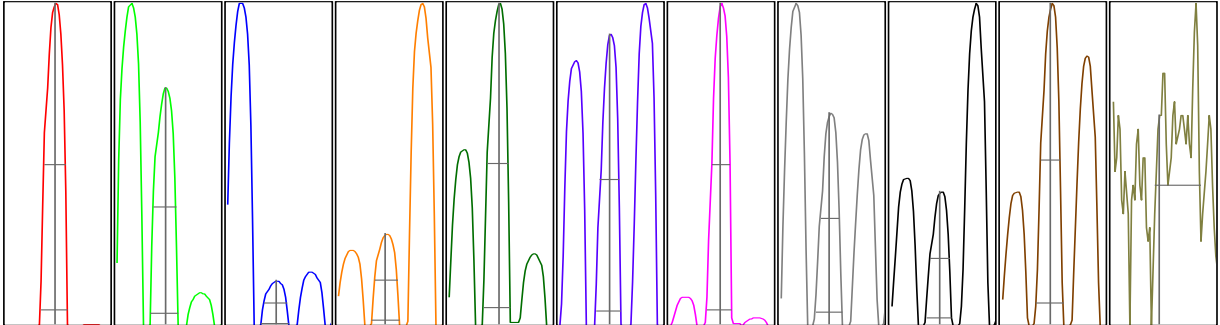
US EPA Tune Check Sample Report

Batch Folder D:\P8051818 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3077	1.25	5.00	
24	31226	1.59	5.00	
25	4365	1.74	5.00	
26	5239	1.50	5.00	
59	81236	1.48	5.00	
113	13175	0.79	5.00	
115	162837	2.32	5.00	
206	38285	0.95	5.00	
207	34532	0.77	5.00	
208	82631	0.73	5.00	
220	1	32.04		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3041	3087	3036	3127	3095
24	30589	31337	31054	31959	31192
25	4274	4358	4311	4457	4424
26	5133	5273	5259	5338	5192
59	79299	81782	82071	82171	80857
113	13300	13275	13074	13120	13105
115	169035	162516	158719	162002	161915
206	37925	38110	38039	38713	38641
207	34328	34699	34189	34824	34623
208	82024	83002	82182	83470	82476
220	1	0	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	5362	8.95	8.9 - 9.1		0.776	0.900	
24	52048	23.95	23.9 - 24.1		0.785	0.900	
25	7210	24.95	24.9 - 25.1		0.785	0.900	
26	8713	25.90	25.9 - 26.1		0.784	0.900	
59	142786	59.00	58.9 - 59.1		0.775	0.900	
113	25149	113.00	112.9 - 113.1		0.727	0.900	
115	308020	115.00	114.9 - 115.1		0.722	0.900	
206	71230	205.95	205.9 - 206.1		0.773	0.900	
207	64559	206.95	206.9 - 207.1		0.739	0.900	
208	155127	207.95	207.9 - 208.1		0.771	0.900	
220	1	219.90	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.1	V	Deflect	15.2	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	13911	1.38	
89	3873	1.22	
205	21733	1.12	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	13937	13953	13579	14054	14034
89	3892	3876	3791	3907	3900
205	21728	21697	21370	22042	21827

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.1	V	Deflect	3.2	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:33:38	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.19	-0.59	-0.60	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.08	0.05	0.00	N/A	ppb
Barium	135-1	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.02	0.02	-0.04	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.83	-0.22	-0.60	0.00	N/A	ppb
Boron	11-1	-0.27	0.00	0.27	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.00	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.09	-0.01	0.10	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	-1.73	2.89	-1.16	0.00	N/A	ppb
Calcium	44-1	1.64	-0.94	-0.70	0.00	N/A	ppb
Chromium	52-2	0.12	-0.03	-0.08	0.00	N/A	ppb
Cobalt	59-2	0.02	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.24	-0.20	-0.04	0.00	N/A	ppb
Iron	57-2	1.12	-0.77	-0.35	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.39	0.16	-1.55	0.00	N/A	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:33:38	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	-0.04	-0.07	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.02	-0.02	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.03	0.02	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.05	0.03	0.00	N/A	ppb
Phosphorus	31-2	-8.05	16.11	-8.05	0.00	809457.28	ppb
Potassium	39-2	10.54	-3.25	-7.29	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-5.50	5.59	-0.09	0.00	N/A	ppb
Selenium	78-2	0.67	0.57	-1.24	0.00	N/A	ppb
Selenium	82-1	0.44	0.05	-0.49	0.00	N/A	ppb
Silicon	28-1	-1.05	-1.95	2.99	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	0.01	0.00	N/A	ppb
Sodium	23-2	6.05	-5.63	-0.43	0.00	N/A	ppb
Strontium	86-1	-0.01	0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	44.60	75.02	466.69	195.43	120.45	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.06	0.08	-0.02	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.18	-0.09	-0.09	0.00	N/A	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:33:38	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:41:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.39	33.29	15.88	26.52	35.18	ppb
Antimony	121-1	1.90	1.89	1.91	1.90	0.64	ppb
Arsenic	75-2	1.11	0.66	0.72	0.83	29.34	ppb
Barium	135-1	9.51	9.30	9.52	9.44	1.34	ppb
Barium	137-1	9.51	9.59	9.06	9.39	3.03	ppb
Beryllium	9-1	0.83	0.81	1.01	0.89	12.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				107		%
Boron	10-1	20.84	24.89	26.66	24.13	12.36	ppb
Boron	11-1	24.22	23.07	25.69	24.32	5.40	ppb
Cadmium	111-1	0.98	0.95	1.02	0.98	3.60	ppb
Cadmium	106-1	0.71	1.63	1.67	1.34	40.47	ppb
Cadmium	108-1	0.96	0.75	0.86	0.86	12.52	ppb
Calcium	43-1	492.32	423.82	446.20	454.11	7.69	ppb
Calcium	44-1	456.58	458.52	467.07	460.72	1.21	ppb
Chromium	52-2	1.93	1.88	2.13	1.98	6.63	ppb
Cobalt	59-2	1.01	0.90	0.96	0.96	5.62	ppb
Copper	63-2	1.90	1.92	2.02	1.95	3.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	48.42	47.30	48.84	48.19	1.65	ppb
Iron	57-2	54.18	50.20	46.44	50.27	7.69	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.95	0.97	0.96	1.04	ppb
Lead	207-1	0.89	0.87	0.99	0.92	6.76	ppb
Lead	208-1	0.90	0.92	0.93	0.92	1.75	ppb
Lithium	6-1				99		%
Magnesium	24-2	506.73	490.66	474.76	490.72	3.26	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:41:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	0.81	0.97	0.94	12.55	ppb
Molybdenum	94-1	4.49	4.72	4.56	4.59	2.64	ppb
Molybdenum	95-1	4.60	4.65	4.45	4.57	2.24	ppb
Molybdenum	96-1	4.69	4.66	4.68	4.68	0.27	ppb
Molybdenum	97-1	4.39	4.73	4.51	4.54	3.80	ppb
Molybdenum	98-1	4.72	4.52	4.36	4.53	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.97	1.10	0.99	10.97	ppb
Phosphorus	31-2	16.10	-8.05	-8.05	0.00		ppb
Potassium	39-2	446.30	464.75	470.86	460.64	2.77	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	-0.07	5.51	-5.50	-0.02		ppb
Selenium	78-2	1.40	1.44	3.32	2.05	53.51	ppb
Selenium	82-1	5.21	4.25	5.27	4.91	11.75	ppb
Silicon	28-1	13.96	13.23	12.56	13.25	5.27	ppb
Silver	109-1	0.98	0.99	0.99	0.99	0.82	ppb
Silver	107-1	1.00	1.01	1.00	1.00	0.38	ppb
Sodium	23-2	475.73	465.03	459.46	466.74	1.77	ppb
Strontium	86-1	0.95	0.79	0.98	0.91	11.25	ppb
Strontium	88-1	1.01	0.93	0.94	0.96	4.27	ppb
Sulfur	34-1	4.04	-244.54	-345.80	-195.43		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.94	0.94	0.92	0.93	1.47	ppb
Thallium	205-1	0.93	0.92	0.94	0.93	1.06	ppb
Tin	118-1	4.75	4.57	4.55	4.62	2.39	ppb
Titanium	47-1	4.26	4.21	4.62	4.36	5.10	ppb
Uranium	238-1	0.84	0.89	0.91	0.88	4.09	ppb
Vanadium	51-2	4.63	4.46	4.66	4.59	2.35	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	1.86	1.56	1.67	1.70	8.94	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:41:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	0.95	0.92	0.93	1.92	ppb
Zirconium	91-1	1.01	0.78	0.83	0.87	14.10	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:44:53	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	977.00	951.58	1068.78	999.12	6.17	ppb
Antimony	121-1	51.26	49.87	50.20	50.44	1.44	ppb
Arsenic	75-2	50.28	50.69	48.64	49.87	2.17	ppb
Barium	135-1	255.01	253.60	250.53	253.05	0.91	ppb
Barium	137-1	259.50	254.55	252.79	255.61	1.36	ppb
Beryllium	9-1	50.75	52.31	51.88	51.65	1.56	ppb
Bismuth	209-1				102		%
Bismuth	209-2				111		%
Boron	10-1	52.94	46.04	57.93	52.30	11.42	ppb
Boron	11-1	48.29	51.42	49.58	49.76	3.17	ppb
Cadmium	111-1	52.79	52.51	51.63	52.31	1.16	ppb
Cadmium	106-1	51.12	55.20	55.28	53.87	4.42	ppb
Cadmium	108-1	53.89	51.61	50.84	52.11	3.05	ppb
Calcium	43-1	4969.06	5049.64	5094.41	5037.70	1.26	ppb
Calcium	44-1	4938.90	4933.98	4978.17	4950.35	0.49	ppb
Chromium	52-2	50.30	50.92	50.72	50.65	0.63	ppb
Cobalt	59-2	51.29	51.66	51.18	51.38	0.49	ppb
Copper	63-2	101.31	104.33	103.03	102.89	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	2598.38	2641.41	2624.43	2621.41	0.83	ppb
Iron	57-2	2605.54	2601.44	2565.59	2590.86	0.85	ppb
Krypton	83-1						cps
Lead	206-1	50.35	49.33	48.90	49.53	1.51	ppb
Lead	207-1	49.41	48.48	48.15	48.68	1.34	ppb
Lead	208-1	49.15	48.85	48.54	48.85	0.63	ppb
Lithium	6-1				103		%
Magnesium	24-2	5180.78	5200.33	5188.37	5189.82	0.19	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:44:53	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.43	101.67	104.63	102.58	1.74	ppb
Molybdenum	94-1	250.66	252.59	250.90	251.38	0.42	ppb
Molybdenum	95-1	249.80	249.86	249.79	249.82	0.02	ppb
Molybdenum	96-1	245.46	248.31	248.55	247.44	0.69	ppb
Molybdenum	97-1	244.73	246.48	245.28	245.50	0.36	ppb
Molybdenum	98-1	248.33	248.34	248.00	248.22	0.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.85	52.35	51.83	52.01	0.57	ppb
Phosphorus	31-2	1082.43	978.97	802.00	954.47	14.86	ppb
Potassium	39-2	2503.00	2496.98	2506.32	2502.10	0.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	69.75	76.44	26.88	57.69	46.62	ppb
Selenium	78-2	51.66	43.73	39.69	45.03	13.53	ppb
Selenium	82-1	52.05	53.06	51.73	52.28	1.33	ppb
Silicon	28-1	52.68	54.33	50.78	52.59	3.38	ppb
Silver	109-1	53.09	52.23	52.03	52.45	1.07	ppb
Silver	107-1	52.50	52.55	51.13	52.06	1.55	ppb
Sodium	23-2	5148.79	5207.37	5155.93	5170.70	0.62	ppb
Strontium	86-1	49.99	49.29	49.06	49.45	0.98	ppb
Strontium	88-1	50.44	50.43	50.09	50.32	0.39	ppb
Sulfur	34-1	888.14	712.19	974.27	858.20	15.57	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	49.13	49.48	48.62	49.08	0.88	ppb
Thallium	205-1	49.48	49.27	49.96	49.57	0.71	ppb
Tin	118-1	51.05	50.79	50.56	50.80	0.48	ppb
Titanium	47-1	247.37	244.58	246.20	246.05	0.57	ppb
Uranium	238-1	48.12	47.82	47.87	47.94	0.33	ppb
Vanadium	51-2	49.93	50.71	50.62	50.42	0.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	104.25	106.02	101.86	104.04	2.01	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:44:53	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.29	49.61	48.89	49.26	0.73	ppb
Zirconium	91-1	48.89	49.39	48.98	49.09	0.54	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:48:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2551.50	2385.74	2555.54	2497.59	3.88	ppb
Antimony	121-1	131.82	127.61	127.19	128.87	1.98	ppb
Arsenic	75-2	124.55	126.90	127.37	126.27	1.19	ppb
Barium	135-1	650.89	633.55	625.96	636.80	2.01	ppb
Barium	137-1	665.63	642.92	639.01	649.19	2.21	ppb
Beryllium	9-1	133.11	126.74	125.54	128.47	3.17	ppb
Bismuth	209-1				103		%
Bismuth	209-2				111		%
Boron	10-1	128.90	125.59	126.59	127.03	1.34	ppb
Boron	11-1	121.92	122.35	123.33	122.53	0.59	ppb
Cadmium	111-1	133.47	130.15	128.31	130.64	2.00	ppb
Cadmium	106-1	135.37	133.36	130.45	133.06	1.86	ppb
Cadmium	108-1	137.08	129.45	130.36	132.29	3.15	ppb
Calcium	43-1	12957.14	12552.61	12323.73	12611.16	2.54	ppb
Calcium	44-1	13137.09	12596.81	12414.78	12716.23	2.95	ppb
Chromium	52-2	127.48	126.21	129.88	127.86	1.46	ppb
Cobalt	59-2	128.88	126.47	128.99	128.12	1.11	ppb
Copper	63-2	258.19	257.74	260.28	258.74	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	6704.27	6620.89	6668.10	6664.42	0.63	ppb
Iron	57-2	6318.05	6381.97	6459.42	6386.48	1.11	ppb
Krypton	83-1						cps
Lead	206-1	126.51	120.94	123.53	123.66	2.25	ppb
Lead	207-1	125.30	118.80	120.03	121.37	2.84	ppb
Lead	208-1	125.89	119.78	121.96	122.54	2.52	ppb
Lithium	6-1				108		%
Magnesium	24-2	12914.61	12896.91	13149.99	12987.17	1.09	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:48:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.34	252.98	257.88	255.73	0.98	ppb
Molybdenum	94-1	655.41	635.30	634.15	641.62	1.86	ppb
Molybdenum	95-1	649.45	642.24	625.58	639.09	1.92	ppb
Molybdenum	96-1	661.69	644.85	621.19	642.58	3.17	ppb
Molybdenum	97-1	628.16	619.20	610.74	619.37	1.41	ppb
Molybdenum	98-1	644.09	639.16	624.94	636.06	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.84	128.96	130.47	129.42	0.70	ppb
Phosphorus	31-2	2873.85	2210.06	2730.90	2604.94	13.41	ppb
Potassium	39-2	6241.22	6228.30	6436.72	6302.08	1.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	198.77	151.68	142.07	164.17	18.48	ppb
Selenium	78-2	134.95	130.84	124.02	129.94	4.25	ppb
Selenium	82-1	132.51	126.86	124.76	128.04	3.13	ppb
Silicon	28-1	142.99	138.29	135.24	138.84	2.81	ppb
Silver	109-1	133.82	130.19	129.39	131.14	1.80	ppb
Silver	107-1	134.61	129.09	128.19	130.63	2.66	ppb
Sodium	23-2	12952.72	12875.28	12999.72	12942.57	0.49	ppb
Strontium	86-1	127.61	123.35	121.46	124.14	2.54	ppb
Strontium	88-1	132.26	126.98	125.87	128.37	2.66	ppb
Sulfur	34-1	2937.02	2509.17	2198.38	2548.19	14.55	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	126.58	121.20	123.26	123.68	2.20	ppb
Thallium	205-1	129.77	124.53	126.30	126.87	2.10	ppb
Tin	118-1	132.46	126.65	126.27	128.46	2.70	ppb
Titanium	47-1	633.49	621.12	608.85	621.15	1.98	ppb
Uranium	238-1	126.91	125.00	122.81	124.91	1.64	ppb
Vanadium	51-2	126.17	124.81	128.54	126.50	1.49	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	257.42	254.96	259.01	257.13	0.79	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:48:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	128.45	124.61	122.53	125.20	2.40	ppb
Zirconium	91-1	127.23	125.25	121.26	124.58	2.44	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:55:10	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4796.08	5209.76	4961.53	4989.12	4.17	ppb
Antimony	121-1	258.35	255.40	252.30	255.35	1.18	ppb
Arsenic	75-2	251.81	258.12	254.37	254.77	1.25	ppb
Barium	135-1	1299.90	1267.72	1243.87	1270.50	2.21	ppb
Barium	137-1	1306.72	1263.61	1270.58	1280.30	1.81	ppb
Beryllium	9-1	253.87	254.86	256.92	255.22	0.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	10-1	232.91	244.18	252.87	243.32	4.11	ppb
Boron	11-1	245.86	244.36	255.15	248.46	2.35	ppb
Cadmium	111-1	258.95	255.99	253.34	256.09	1.10	ppb
Cadmium	106-1	261.10	264.12	254.35	259.86	1.93	ppb
Cadmium	108-1	260.53	259.56	253.13	257.74	1.56	ppb
Calcium	43-1	25322.03	24547.45	24629.98	24833.15	1.71	ppb
Calcium	44-1	25423.24	24325.49	24478.06	24742.26	2.40	ppb
Chromium	52-2	245.97	258.37	254.53	252.96	2.51	ppb
Cobalt	59-2	245.72	261.44	253.42	253.52	3.10	ppb
Copper	63-2	499.90	528.09	520.52	516.17	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	12702.30	13299.23	12985.94	12995.82	2.30	ppb
Iron	57-2	12422.98	13212.62	12928.83	12854.81	3.11	ppb
Krypton	83-1						cps
Lead	206-1	250.14	246.01	244.54	246.90	1.18	ppb
Lead	207-1	244.07	244.03	241.24	243.11	0.67	ppb
Lead	208-1	250.55	249.78	248.50	249.61	0.42	ppb
Lithium	6-1				105		%
Magnesium	24-2	25152.02	26386.15	25827.11	25788.43	2.40	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:55:10	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	488.73	515.43	515.87	506.68	3.07	ppb
Molybdenum	94-1	1271.43	1276.88	1252.76	1267.03	1.00	ppb
Molybdenum	95-1	1283.34	1278.35	1235.25	1265.65	2.09	ppb
Molybdenum	96-1	1279.04	1259.58	1254.59	1264.40	1.02	ppb
Molybdenum	97-1	1292.47	1271.96	1257.90	1274.11	1.36	ppb
Molybdenum	98-1	1281.05	1265.56	1240.94	1262.52	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	249.36	264.83	258.52	257.57	3.02	ppb
Phosphorus	31-2	5367.17	5057.71	5397.63	5274.17	3.57	ppb
Potassium	39-2	12121.59	12780.39	12589.16	12497.04	2.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	320.47	261.26	256.49	279.41	12.76	ppb
Selenium	78-2	236.36	265.35	265.06	255.59	6.52	ppb
Selenium	82-1	258.42	259.89	250.08	256.13	2.07	ppb
Silicon	28-1	281.75	264.80	271.73	272.76	3.12	ppb
Silver	109-1	268.17	261.77	259.51	263.15	1.71	ppb
Silver	107-1	269.42	256.89	259.51	261.94	2.52	ppb
Sodium	23-2	25968.17	26919.67	26459.86	26449.23	1.80	ppb
Strontium	86-1	250.19	248.54	243.14	247.29	1.49	ppb
Strontium	88-1	256.34	253.49	252.98	254.27	0.71	ppb
Sulfur	34-1	5337.01	4937.08	4726.97	5000.35	6.20	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	250.82	247.34	246.69	248.28	0.90	ppb
Thallium	205-1	258.15	252.90	251.48	254.18	1.38	ppb
Tin	118-1	255.32	253.74	248.88	252.64	1.33	ppb
Titanium	47-1	1256.24	1230.25	1229.74	1238.74	1.22	ppb
Uranium	238-1	251.02	249.27	248.41	249.57	0.53	ppb
Vanadium	51-2	245.60	258.71	256.12	253.47	2.74	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	501.15	535.38	526.86	521.13	3.42	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:55:10	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	259.62	255.95	250.92	255.50	1.71	ppb
Zirconium	91-1	248.69	246.67	244.75	246.70	0.80	ppb

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 13:59:03 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9664.23	10106.46	9892.61	9887.77	2.24	ppb
Antimony	121-1	499.80	504.19	532.18	512.06	3.43	ppb
Arsenic	75-2	496.87	495.67	495.69	496.08	0.14	ppb
Barium	135-1	2494.74	2534.32	2630.37	2553.14	2.73	ppb
Barium	137-1	2482.45	2484.78	2626.74	2531.32	3.26	ppb
Beryllium	9-1	502.21	504.90	514.74	507.28	1.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				110		%
Boron	10-1	487.35	481.78	501.03	490.05	2.02	ppb
Boron	11-1	480.16	498.85	510.18	496.40	3.05	ppb
Cadmium	111-1	497.45	502.33	523.82	507.86	2.76	ppb
Cadmium	106-1	501.65	502.86	528.63	511.05	2.98	ppb
Cadmium	108-1	506.25	489.66	520.39	505.43	3.04	ppb
Calcium	43-1	49504.33	49594.03	51895.79	50331.38	2.69	ppb
Calcium	44-1	49085.84	48540.57	51700.06	49775.49	3.39	ppb
Chromium	52-2	509.55	500.90	503.71	504.72	0.87	ppb
Cobalt	59-2	501.86	499.18	503.97	501.67	0.48	ppb
Copper	63-2	1010.62	1006.21	1015.95	1010.93	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	25824.15	25671.09	25965.07	25820.11	0.57	ppb
Iron	57-2	25396.44	25448.31	25548.05	25464.27	0.30	ppb
Krypton	83-1						cps
Lead	206-1	501.79	500.00	536.53	512.77	4.02	ppb
Lead	207-1	500.78	501.11	527.68	509.86	3.03	ppb
Lead	208-1	501.93	496.80	530.62	509.79	3.58	ppb
Lithium	6-1				106		%
Magnesium	24-2	51860.85	51526.53	51400.46	51595.95	0.46	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:59:03	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.95	1006.73	1013.97	1010.55	0.36	ppb
Molybdenum	94-1	2499.26	2449.70	2618.61	2522.52	3.44	ppb
Molybdenum	95-1	2501.64	2486.93	2612.73	2533.76	2.71	ppb
Molybdenum	96-1	2439.26	2480.57	2563.91	2494.58	2.55	ppb
Molybdenum	97-1	2523.62	2474.22	2616.34	2538.06	2.84	ppb
Molybdenum	98-1	2478.28	2503.55	2613.27	2531.70	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.09	504.79	509.66	507.51	0.49	ppb
Phosphorus	31-2	10475.60	9901.26	9942.44	10106.43	3.17	ppb
Potassium	39-2	24727.46	24707.93	24858.66	24764.68	0.33	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	478.03	508.10	509.03	498.39	3.54	ppb
Selenium	78-2	508.66	516.37	500.53	508.52	1.56	ppb
Selenium	82-1	495.25	499.29	529.98	508.17	3.74	ppb
Silicon	28-1	527.58	519.64	550.25	532.49	2.98	ppb
Silver	109-1	505.70	508.96	529.92	514.86	2.55	ppb
Silver	107-1	503.60	503.74	527.34	511.56	2.67	ppb
Sodium	23-2	52186.54	51253.88	51973.33	51804.58	0.94	ppb
Strontium	86-1	482.76	490.21	512.59	495.19	3.14	ppb
Strontium	88-1	488.73	498.78	514.90	500.80	2.64	ppb
Sulfur	34-1	10031.40	9619.70	10772.25	10141.12	5.76	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	507.02	497.16	535.99	513.39	3.93	ppb
Thallium	205-1	499.05	489.42	532.46	506.98	4.46	ppb
Tin	118-1	504.36	508.69	530.61	514.55	2.74	ppb
Titanium	47-1	2506.76	2506.67	2646.30	2553.24	3.16	ppb
Uranium	238-1	498.66	491.12	520.46	503.41	3.03	ppb
Vanadium	51-2	511.79	503.70	509.75	508.41	0.83	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	1021.30	1017.15	1020.52	1019.65	0.22	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:59:03	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.55	499.09	517.87	503.17	2.61	ppb
Zirconium	91-1	489.75	488.80	515.54	498.03	3.05	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:02:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19061.40	19378.32	20155.42	19531.71	2.88	ppb
Antimony	121-1	992.07	987.13	997.18	992.13	0.51	ppb
Arsenic	75-2	989.08	987.93	1024.85	1000.62	2.10	ppb
Barium	135-1	4963.13	4952.08	4984.82	4966.68	0.34	ppb
Barium	137-1	4961.11	4958.58	5000.69	4973.46	0.47	ppb
Beryllium	9-1	995.93	995.04	992.64	994.54	0.17	ppb
Bismuth	209-1				104		%
Bismuth	209-2				110		%
Boron	10-1	998.25	1008.65	1011.99	1006.30	0.71	ppb
Boron	11-1	984.44	1010.32	1012.82	1002.52	1.57	ppb
Cadmium	111-1	992.91	990.93	997.33	993.72	0.33	ppb
Cadmium	106-1	988.50	988.50	995.44	990.81	0.40	ppb
Cadmium	108-1	1000.15	991.06	991.78	994.33	0.51	ppb
Calcium	43-1	99721.07	98739.75	101283.11	99914.65	1.28	ppb
Calcium	44-1	98486.96	98617.38	99862.70	98989.02	0.77	ppb
Chromium	52-2	988.25	979.79	1021.48	996.51	2.21	ppb
Cobalt	59-2	990.08	987.66	1015.74	997.83	1.56	ppb
Copper	63-2	1973.54	1972.01	2022.23	1989.26	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	50509.68	50167.84	52004.36	50893.96	1.92	ppb
Iron	57-2	49645.11	49492.17	51136.36	50091.22	1.81	ppb
Krypton	83-1						cps
Lead	206-1	1001.31	998.23	984.20	994.58	0.92	ppb
Lead	207-1	1001.68	1001.07	989.19	997.31	0.71	ppb
Lead	208-1	1000.79	1001.80	984.12	995.57	1.00	ppb
Lithium	6-1				107		%
Magnesium	24-2	101160.45	100405.46	105255.07	102273.66	2.55	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:02:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1969.00	1967.31	2040.32	1992.21	2.09	ppb
Molybdenum	94-1	4946.91	5066.24	4933.86	4982.34	1.46	ppb
Molybdenum	95-1	4947.10	5022.57	4962.69	4977.46	0.80	ppb
Molybdenum	96-1	4985.65	5050.63	4954.85	4997.04	0.98	ppb
Molybdenum	97-1	4905.51	5026.51	4995.60	4975.87	1.26	ppb
Molybdenum	98-1	4955.02	5036.50	4947.67	4979.73	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.50	979.00	1015.60	993.70	1.95	ppb
Phosphorus	31-2	19562.42	20368.41	19671.36	19867.40	2.20	ppb
Potassium	39-2	48667.49	48208.64	50295.19	49057.10	2.24	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	844.33	979.20	1141.07	988.20	15.03	ppb
Selenium	78-2	1023.47	1017.25	941.24	993.99	4.61	ppb
Selenium	82-1	987.10	1000.49	994.08	993.89	0.67	ppb
Silicon	28-1	982.57	952.37	993.58	976.17	2.19	ppb
Silver	109-1	979.38	992.55	993.25	988.39	0.79	ppb
Silver	107-1	986.71	997.97	986.61	990.43	0.66	ppb
Sodium	23-2	99449.04	100049.88	104331.64	101276.85	2.63	ppb
Strontium	86-1	1006.72	1007.16	995.78	1003.22	0.64	ppb
Strontium	88-1	998.78	1003.37	992.13	998.09	0.57	ppb
Sulfur	34-1	19885.09	19634.33	20271.84	19930.42	1.61	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	998.64	1000.23	982.96	993.95	0.96	ppb
Thallium	205-1	998.81	1003.99	982.96	995.25	1.10	ppb
Tin	118-1	996.00	988.57	990.21	991.59	0.39	ppb
Titanium	47-1	5006.54	4976.56	4947.52	4976.87	0.59	ppb
Uranium	238-1	1000.19	1000.66	994.70	998.52	0.33	ppb
Vanadium	51-2	980.64	978.40	1025.11	994.72	2.65	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	1963.57	1947.14	2040.68	1983.80	2.52	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:02:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	993.59	1008.30	989.27	997.05	1.00	ppb
Zirconium	91-1	990.66	1020.46	994.60	1001.91	1.62	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:05:54	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103151.33	97784.54	99380.61	100105.49	2.75	ppb
Antimony	121-1	2.91	2.68	2.47	2.69	8.02	ppb
Arsenic	75-2	0.17	0.31	0.39	0.29	38.07	ppb
Barium	135-1	2.01	2.07	1.93	2.00	3.43	ppb
Barium	137-1	2.04	2.01	1.97	2.01	1.75	ppb
Beryllium	9-1	0.25	0.26	0.14	0.22	30.71	ppb
Bismuth	209-1				96		%
Bismuth	209-2				104		%
Boron	10-1	42.09	46.58	34.70	41.12	14.59	ppb
Boron	11-1	44.25	36.29	35.43	38.65	12.58	ppb
Cadmium	111-1	0.33	0.41	0.28	0.34	18.77	ppb
Cadmium	106-1	1.85	3.15	1.12	2.04	50.51	ppb
Cadmium	108-1	0.43	0.43	0.36	0.41	10.51	ppb
Calcium	43-1	499588.32	497784.56	502594.62	499989.16	0.49	ppb
Calcium	44-1	497662.92	497833.47	505201.60	500232.66	0.86	ppb
Chromium	52-2	51.22	49.06	49.91	50.06	2.18	ppb
Cobalt	59-2	1.84	1.67	1.72	1.74	5.01	ppb
Copper	63-2	4.26	3.95	4.06	4.09	3.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	258185.06	244267.27	246656.17	249702.83	2.98	ppb
Iron	57-2	257929.52	242408.12	249402.16	249913.27	3.11	ppb
Krypton	83-1						cps
Lead	206-1	2.07	2.08	2.03	2.06	1.34	ppb
Lead	207-1	1.96	1.81	1.90	1.89	4.01	ppb
Lead	208-1	2.01	1.96	1.94	1.97	1.75	ppb
Lithium	6-1				114		%
Magnesium	24-2	513280.93	485989.09	498726.53	499332.18	2.73	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:05:54	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.86	10.38	9.29	9.85	5.56	ppb
Molybdenum	94-1	7.06	7.02	6.63	6.90	3.50	ppb
Molybdenum	95-1	9.16	8.98	8.94	9.03	1.28	ppb
Molybdenum	96-1	9.48	9.10	9.12	9.23	2.32	ppb
Molybdenum	97-1	9.52	8.81	9.02	9.12	4.00	ppb
Molybdenum	98-1	9.40	8.94	8.83	9.06	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.87	30.35	30.75	30.99	2.53	ppb
Phosphorus	31-2	39.17	36.36	-8.05	22.49	117.77	ppb
Potassium	39-2	259461.72	243774.94	247396.39	250211.01	3.28	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	77-2	-5.50	4.82	-0.33	-0.33		ppb
Selenium	78-2	1.34	-1.28	-1.28	-0.41		ppb
Selenium	82-1	1.36	0.99	1.43	1.26	18.81	ppb
Silicon	28-1	26.28	25.66	25.47	25.80	1.65	ppb
Silver	109-1	0.21	0.20	0.17	0.20	11.52	ppb
Silver	107-1	0.16	0.20	0.17	0.18	11.13	ppb
Sodium	23-2	517355.08	487338.66	493743.18	499478.97	3.17	ppb
Strontium	86-1	33.74	33.13	33.79	33.55	1.09	ppb
Strontium	88-1	34.23	34.29	34.63	34.38	0.63	ppb
Sulfur	34-1	-666.82	-756.86	-659.43	-694.37		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.58	0.50	0.55	0.54	6.74	ppb
Thallium	205-1	0.60	0.56	0.55	0.57	4.61	ppb
Tin	118-1	1.76	1.83	1.74	1.78	2.47	ppb
Titanium	47-1	1.76	1.68	1.42	1.62	11.10	ppb
Uranium	238-1	0.28	0.27	0.25	0.27	4.25	ppb
Vanadium	51-2	0.61	0.60	0.45	0.55	16.39	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	9.01	8.81	8.70	8.84	1.77	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:05:54	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.37	0.36	0.30	0.34	10.30	ppb
Zirconium	91-1	0.31	0.37	0.32	0.33	8.54	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:21:48	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	481.55	562.68	489.71	511.32	8.74	ppb
Antimony	121-1	190.41	192.67	194.42	192.50	1.04	ppb
Arsenic	75-2	193.27	199.44	187.07	193.26	3.20	ppb
Barium	135-1	99.06	98.97	97.82	98.62	0.70	ppb
Barium	137-1	97.43	98.06	97.42	97.63	0.38	ppb
Beryllium	9-1	97.42	98.76	96.50	97.56	1.17	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Boron	10-1	573.00	586.93	573.49	577.81	1.37	ppb
Boron	11-1	568.78	576.44	584.28	576.50	1.34	ppb
Cadmium	111-1	100.53	102.68	103.36	102.19	1.45	ppb
Cadmium	106-1	147.14	152.17	151.69	150.33	1.85	ppb
Cadmium	108-1	123.69	123.38	124.45	123.84	0.45	ppb
Calcium	43-1	1974.02	2089.50	2025.89	2029.80	2.85	ppb
Calcium	44-1	1945.93	1971.04	1973.97	1963.65	0.78	ppb
Chromium	52-2	91.40	100.11	91.48	94.33	5.31	ppb
Cobalt	59-2	94.64	103.81	94.80	97.75	5.37	ppb
Copper	63-2	95.82	105.11	95.71	98.88	5.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	974.21	1061.54	971.90	1002.55	5.10	ppb
Iron	57-2	939.99	1068.32	966.08	991.46	6.84	ppb
Krypton	83-1						cps
Lead	206-1	187.77	186.92	192.10	188.93	1.47	ppb
Lead	207-1	178.37	178.37	182.08	179.61	1.19	ppb
Lead	208-1	188.37	186.37	189.20	187.98	0.77	ppb
Lithium	6-1				105		%
Magnesium	24-2	1147.95	1267.26	1161.83	1192.35	5.47	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:21:48	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.44	101.02	95.49	97.32	3.29	ppb
Molybdenum	94-1	1120.79	1131.17	1111.43	1121.13	0.88	ppb
Molybdenum	95-1	514.52	513.74	508.43	512.23	0.65	ppb
Molybdenum	96-1	580.22	591.51	573.67	581.80	1.55	ppb
Molybdenum	97-1	485.33	489.51	483.75	486.20	0.61	ppb
Molybdenum	98-1	504.84	507.18	500.76	504.26	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.70	105.33	95.99	99.34	5.23	ppb
Phosphorus	31-2	-8.05	-8.05	-8.05	-8.05		ppb
Potassium	39-2	1877.58	2075.42	1961.96	1971.65	5.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	174.91	260.20	179.32	204.81	23.45	ppb
Selenium	78-2	202.52	198.27	192.60	197.80	2.52	ppb
Selenium	82-1	190.80	194.84	191.43	192.36	1.13	ppb
Silicon	28-1	505.20	520.37	515.93	513.83	1.52	ppb
Silver	109-1	99.16	100.08	101.45	100.23	1.15	ppb
Silver	107-1	98.69	99.61	100.67	99.66	1.00	ppb
Sodium	23-2	1986.20	2163.67	1946.33	2032.07	5.69	ppb
Strontium	86-1	481.80	490.14	489.68	487.20	0.96	ppb
Strontium	88-1	502.33	502.54	504.30	503.06	0.22	ppb
Sulfur	34-1	-1032.27	-725.51	-712.51	-823.43		ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	190.25	192.26	194.23	192.25	1.04	ppb
Thallium	205-1	195.21	196.94	202.36	198.17	1.88	ppb
Tin	118-1	520.86	519.86	525.31	522.01	0.56	ppb
Titanium	47-1	491.61	497.78	499.52	496.30	0.84	ppb
Uranium	238-1	533.79	533.05	542.53	536.46	0.98	ppb
Vanadium	51-2	92.83	102.52	92.65	96.00	5.88	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	195.63	209.69	193.79	199.70	4.36	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:21:48	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.05	502.55	494.71	499.77	0.88	ppb
Zirconium	91-1	491.46	491.10	487.07	489.88	0.50	ppb

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 14:25:06 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.36	2.36	1.14	3.95	97.88	ppb
Antimony	121-1	0.66	0.59	0.52	0.59	11.96	ppb
Arsenic	75-2	-0.15	-0.07	-0.10	-0.11		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.02	0.01	105.65	ppb
Beryllium	9-1	0.07	0.08	0.15	0.10	43.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Boron	10-1	15.13	14.93	10.19	13.41	20.85	ppb
Boron	11-1	14.71	14.79	12.77	14.09	8.11	ppb
Cadmium	111-1	0.06	0.00	0.09	0.05	85.53	ppb
Cadmium	106-1	0.93	-0.15	1.08	0.62	107.59	ppb
Cadmium	108-1	0.10	-0.01	0.06	0.05	116.44	ppb
Calcium	43-1	0.63	-5.92	-3.00	-2.76		ppb
Calcium	44-1	1.35	3.78	0.32	1.82	97.84	ppb
Chromium	52-2	-0.13	0.01	-0.14	-0.08		ppb
Cobalt	59-2	-0.03	-0.03	0.00	-0.02		ppb
Copper	63-2	-0.01	-0.01	-0.06	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	1.23	1.70	2.06	1.66	24.97	ppb
Iron	57-2	-0.21	2.32	3.25	1.78	100.32	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	2.93	ppb
Lead	207-1	0.06	0.04	0.04	0.04	26.60	ppb
Lead	208-1	0.04	0.05	0.04	0.05	7.40	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.04	-0.46	3.04	1.21	145.48	ppb

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 14:25:06 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.08	0.08	0.00		ppb
Molybdenum	94-1	0.27	0.19	0.13	0.20	35.35	ppb
Molybdenum	95-1	0.23	0.26	0.21	0.23	10.62	ppb
Molybdenum	96-1	0.23	0.17	0.13	0.17	28.36	ppb
Molybdenum	97-1	0.25	0.20	0.14	0.20	27.14	ppb
Molybdenum	98-1	0.25	0.21	0.17	0.21	19.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.10	0.06	-0.04		ppb
Phosphorus	31-2	14.57	14.95	-8.05	7.16	184.07	ppb
Potassium	39-2	10.88	7.06	36.87	18.27	88.77	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	77-2	-5.50	-5.50	-5.50	-5.50		ppb
Selenium	78-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	82-1	-1.62	0.03	-0.02	-0.54		ppb
Silicon	28-1	-5.38	-8.64	-8.03	-7.35		ppb
Silver	109-1	0.01	0.01	0.01	0.01	43.41	ppb
Silver	107-1	0.01	0.01	0.02	0.01	19.78	ppb
Sodium	23-2	39.40	35.50	56.36	43.75	25.35	ppb
Strontium	86-1	0.08	-0.03	0.00	0.02	338.80	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	14.21	ppb
Sulfur	34-1	-904.69	-1142.01	-1015.99	-1020.90		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.11	0.10	0.10	0.10	4.24	ppb
Thallium	205-1	0.08	0.08	0.10	0.09	12.67	ppb
Tin	118-1	0.24	0.24	0.15	0.21	25.62	ppb
Titanium	47-1	0.06	0.07	0.03	0.05	34.19	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	24.85	ppb
Vanadium	51-2	-0.02	0.01	0.03	0.01	475.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	-0.05	-0.17	-0.09	-0.10		ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:25:06	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.04	0.06	28.49	ppb
Zirconium	91-1	0.09	0.02	0.06	0.06	60.24	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:28:28	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91415.89	88571.93	88713.84	89567.22	1.79	ppb
Antimony	121-1	1.28	1.26	1.22	1.25	2.77	ppb
Arsenic	75-2	0.33	0.03	0.15	0.17	91.34	ppb
Barium	135-1	1.55	1.32	1.50	1.46	8.08	ppb
Barium	137-1	1.35	1.39	1.46	1.40	3.77	ppb
Beryllium	9-1	0.38	0.35	0.30	0.34	12.10	ppb
Bismuth	209-1				99		%
Bismuth	209-2				107		%
Boron	10-1	10.69	8.68	9.29	9.55	10.76	ppb
Boron	11-1	11.03	9.66	9.62	10.10	7.96	ppb
Cadmium	111-1	0.28	0.24	0.24	0.26	10.11	ppb
Cadmium	106-1	0.43	0.27	1.40	0.70	87.20	ppb
Cadmium	108-1	5.87	6.21	6.10	6.06	2.79	ppb
Calcium	43-1	95625.02	95353.66	96332.14	95770.27	0.53	ppb
Calcium	44-1	94428.59	96239.94	95116.94	95261.82	0.96	ppb
Chromium	52-2	20.36	19.18	19.91	19.82	3.00	ppb
Cobalt	59-2	1.06	1.19	1.13	1.13	5.55	ppb
Copper	63-2	7.63	7.38	7.51	7.51	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	101701.89	95862.39	97401.41	98321.90	3.08	ppb
Iron	57-2	98986.50	95785.83	96097.09	96956.47	1.82	ppb
Krypton	83-1						cps
Lead	206-1	4.80	4.65	4.83	4.76	2.01	ppb
Lead	207-1	4.14	3.91	4.08	4.04	2.98	ppb
Lead	208-1	4.38	4.28	4.34	4.34	1.19	ppb
Lithium	6-1				96		%
Magnesium	24-2	100052.34	98295.35	98732.45	99026.71	0.92	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:28:28	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.77	7.37	7.92	7.68	3.73	ppb
Molybdenum	94-1	1342.21	1361.79	1363.23	1355.74	0.87	ppb
Molybdenum	95-1	1896.53	1931.14	1904.96	1910.88	0.94	ppb
Molybdenum	96-1	1831.25	1847.01	1841.61	1839.96	0.44	ppb
Molybdenum	97-1	1920.14	1936.23	1923.11	1926.49	0.44	ppb
Molybdenum	98-1	1870.52	1909.29	1909.41	1896.41	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.77	5.41	5.68	5.62	3.31	ppb
Phosphorus	31-2	98911.71	94785.64	93536.05	95744.47	2.94	ppb
Potassium	39-2	100611.96	96284.94	97135.06	98010.65	2.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	-5.50	-0.28	-5.50	-3.76		ppb
Selenium	78-2	-1.27	-2.12	-2.12	-1.84		ppb
Selenium	82-1	0.35	0.29	-0.40	0.08	523.77	ppb
Silicon	28-1	21.97	21.66	23.45	22.36	4.29	ppb
Silver	109-1	0.07	0.08	0.09	0.08	11.36	ppb
Silver	107-1	0.07	0.08	0.09	0.08	13.34	ppb
Sodium	23-2	98791.37	95778.64	96839.67	97136.56	1.57	ppb
Strontium	86-1	32.66	32.83	32.25	32.58	0.92	ppb
Strontium	88-1	33.60	33.59	33.55	33.58	0.07	ppb
Sulfur	34-1	89347.87	90737.41	89217.76	89767.68	0.94	ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.19	0.17	0.20	0.19	8.21	ppb
Thallium	205-1	0.15	0.15	0.19	0.16	12.28	ppb
Tin	118-1	0.23	0.15	0.21	0.20	20.29	ppb
Titanium	47-1	1983.47	1972.71	1942.45	1966.21	1.08	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.91	ppb
Vanadium	51-2	0.10	0.15	0.15	0.13	23.57	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	10.36	11.14	11.42	10.97	5.00	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:28:28	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.41	0.35	0.29	0.35	17.26	ppb
Zirconium	91-1	0.44	0.33	0.31	0.36	18.75	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:31:45	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88909.03	91169.86	90741.81	90273.57	1.33	ppb
Antimony	121-1	20.67	20.94	20.64	20.75	0.79	ppb
Arsenic	75-2	17.98	18.06	17.74	17.93	0.91	ppb
Barium	135-1	21.59	21.49	21.50	21.53	0.24	ppb
Barium	137-1	22.03	22.21	21.00	21.75	3.01	ppb
Beryllium	9-1	20.35	21.33	19.95	20.55	3.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				111		%
Boron	10-1	65.55	60.52	59.68	61.92	5.13	ppb
Boron	11-1	61.07	64.16	61.85	62.36	2.58	ppb
Cadmium	111-1	19.76	20.04	19.74	19.85	0.84	ppb
Cadmium	106-1	24.86	21.97	23.77	23.53	6.19	ppb
Cadmium	108-1	27.88	28.76	26.68	27.77	3.75	ppb
Calcium	43-1	95881.39	101387.44	98385.40	98551.41	2.80	ppb
Calcium	44-1	96517.68	97731.16	94544.94	96264.59	1.67	ppb
Chromium	52-2	39.16	40.43	40.62	40.07	1.98	ppb
Cobalt	59-2	20.47	21.01	20.62	20.70	1.35	ppb
Copper	63-2	26.90	27.68	26.92	27.17	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				110		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	97314.29	100213.51	98984.75	98837.52	1.47	ppb
Iron	57-2	96085.20	99633.06	97364.48	97694.25	1.84	ppb
Krypton	83-1						cps
Lead	206-1	24.48	25.03	24.82	24.78	1.12	ppb
Lead	207-1	21.63	22.38	22.22	22.08	1.80	ppb
Lead	208-1	22.77	23.34	23.26	23.13	1.33	ppb
Lithium	6-1				98		%
Magnesium	24-2	98736.90	98494.17	99858.26	99029.77	0.73	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:31:45	DataFile Name :	017ICSAB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.58	27.80	29.15	27.84	4.60	ppb
Molybdenum	94-1	1473.32	1483.87	1459.79	1472.33	0.82	ppb
Molybdenum	95-1	1973.37	2033.75	1974.07	1993.73	1.74	ppb
Molybdenum	96-1	1908.67	1959.41	1907.29	1925.12	1.54	ppb
Molybdenum	97-1	1977.46	1998.73	1954.54	1976.91	1.12	ppb
Molybdenum	98-1	1966.84	2012.27	1952.32	1977.14	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.10	26.26	25.59	25.98	1.35	ppb
Phosphorus	31-2	97178.46	97850.35	98356.91	97795.24	0.60	ppb
Potassium	39-2	95392.37	100215.69	99523.28	98377.11	2.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	25.96	4.99	20.43	17.13	63.46	ppb
Selenium	78-2	9.73	31.73	12.95	18.14	65.51	ppb
Selenium	82-1	20.89	19.66	18.77	19.77	5.37	ppb
Silicon	28-1	76.16	81.78	78.79	78.91	3.57	ppb
Silver	109-1	18.80	18.92	18.72	18.81	0.54	ppb
Silver	107-1	18.85	19.36	18.72	18.97	1.79	ppb
Sodium	23-2	95648.18	99456.43	98937.56	98014.05	2.11	ppb
Strontium	86-1	81.99	84.19	82.42	82.87	1.41	ppb
Strontium	88-1	84.38	86.40	83.86	84.88	1.58	ppb
Sulfur	34-1	90988.95	93371.18	89829.98	91396.70	1.98	ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	19.87	20.54	19.96	20.12	1.80	ppb
Thallium	205-1	20.12	20.30	20.01	20.14	0.73	ppb
Tin	118-1	50.73	51.54	50.63	50.96	0.98	ppb
Titanium	47-1	2034.08	2083.91	2030.86	2049.62	1.45	ppb
Uranium	238-1	50.60	51.73	50.93	51.09	1.14	ppb
Vanadium	51-2	18.21	19.10	19.00	18.77	2.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	30.70	30.33	30.86	30.63	0.88	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:31:45	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.45	50.96	49.57	49.99	1.68	ppb
Zirconium	91-1	50.67	51.89	50.07	50.88	1.82	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P8
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:35:01	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47536.88	49896.54	48371.56	48601.66	2.46	ppb
Antimony	121-1	493.13	503.40	502.29	499.61	1.13	ppb
Arsenic	75-2	495.61	505.78	494.03	498.47	1.28	ppb
Barium	135-1	2545.53	2530.02	2504.50	2526.68	0.82	ppb
Barium	137-1	2495.00	2518.53	2492.61	2502.05	0.57	ppb
Beryllium	9-1	523.10	511.21	510.16	514.82	1.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				110		%
Boron	10-1	522.22	541.52	526.69	530.14	1.91	ppb
Boron	11-1	513.63	528.18	528.68	523.50	1.63	ppb
Cadmium	111-1	490.26	490.89	487.14	489.43	0.41	ppb
Cadmium	106-1	497.67	497.57	495.73	496.99	0.22	ppb
Cadmium	108-1	492.80	498.52	491.20	494.17	0.78	ppb
Calcium	43-1	244480.15	244940.59	243024.82	244148.52	0.41	ppb
Calcium	44-1	241155.12	242474.96	240418.32	241349.47	0.43	ppb
Chromium	52-2	504.56	520.25	504.70	509.84	1.77	ppb
Cobalt	59-2	475.86	491.08	477.32	481.42	1.74	ppb
Copper	63-2	936.72	957.86	952.32	948.97	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				111		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	121559.27	125652.57	122728.50	123313.45	1.71	ppb
Iron	57-2	123267.56	124411.45	122270.87	123316.63	0.87	ppb
Krypton	83-1						cps
Lead	206-1	516.87	508.05	510.56	511.83	0.89	ppb
Lead	207-1	503.46	502.21	498.61	501.43	0.50	ppb
Lead	208-1	508.69	502.87	504.26	505.27	0.60	ppb
Lithium	6-1				110		%
Magnesium	24-2	241117.03	249369.99	241844.08	244110.37	1.87	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P8
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:35:01	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	988.99	1014.98	986.25	996.74	1.59	ppb
Molybdenum	94-1	2483.05	2483.81	2477.81	2481.55	0.13	ppb
Molybdenum	95-1	2475.83	2496.67	2471.07	2481.19	0.55	ppb
Molybdenum	96-1	2505.46	2472.27	2455.11	2477.61	1.03	ppb
Molybdenum	97-1	2486.32	2504.04	2484.63	2491.66	0.43	ppb
Molybdenum	98-1	2473.74	2481.67	2460.43	2471.95	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.38	501.19	487.62	492.06	1.61	ppb
Phosphorus	31-2	10118.43	10536.50	9510.92	10055.28	5.13	ppb
Potassium	39-2	122434.98	127532.01	124186.38	124717.79	2.08	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	77-2	487.86	514.10	587.12	529.69	9.71	ppb
Selenium	78-2	478.93	501.86	498.97	493.26	2.53	ppb
Selenium	82-1	495.74	491.07	488.60	491.80	0.74	ppb
Silicon	28-1	544.51	556.15	552.26	550.98	1.08	ppb
Silver	109-1	496.83	498.46	497.47	497.59	0.17	ppb
Silver	107-1	500.39	505.18	498.88	501.48	0.66	ppb
Sodium	23-2	243931.77	249786.22	245492.15	246403.38	1.23	ppb
Strontium	86-1	494.94	492.24	496.65	494.61	0.45	ppb
Strontium	88-1	514.46	511.20	506.66	510.77	0.77	ppb
Sulfur	34-1	8903.70	9165.84	8741.08	8936.87	2.40	ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	507.87	503.69	514.34	508.63	1.05	ppb
Thallium	205-1	503.42	498.22	504.75	502.13	0.69	ppb
Tin	118-1	504.45	509.81	502.61	505.62	0.74	ppb
Titanium	47-1	2487.69	2505.93	2462.93	2485.51	0.87	ppb
Uranium	238-1	506.63	504.32	508.26	506.41	0.39	ppb
Vanadium	51-2	491.37	509.11	497.96	499.48	1.80	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	947.12	981.46	951.12	959.90	1.96	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P8
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:35:01	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	495.90	500.17	493.32	496.47	0.70	ppb
Zirconium	91-1	496.24	493.40	490.28	493.31	0.61	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P8
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:41:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	4.12	0.87	1.96	95.56	ppb
Antimony	121-1	0.41	0.41	0.38	0.40	4.50	ppb
Arsenic	75-2	-0.13	-0.14	-0.03	-0.10		ppb
Barium	135-1	-0.03	0.03	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	-0.02	0.00		ppb
Beryllium	9-1	0.09	0.13	0.08	0.10	26.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				115		%
Boron	10-1	7.09	7.14	9.74	7.99	18.98	ppb
Boron	11-1	8.45	9.22	8.00	8.55	7.23	ppb
Cadmium	111-1	0.15	0.10	-0.03	0.07	123.82	ppb
Cadmium	106-1	2.01	1.29	-0.34	0.99	121.91	ppb
Cadmium	108-1	0.06	-0.01	0.02	0.02	147.26	ppb
Calcium	43-1	-2.39	0.58	-2.53	-1.45		ppb
Calcium	44-1	4.94	8.00	6.16	6.37	24.22	ppb
Chromium	52-2	-0.07	-0.03	-0.07	-0.06		ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.06	0.03	0.04	0.04	26.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	1.10	1.64	1.37	1.37	19.51	ppb
Iron	57-2	4.53	1.67	-0.08	2.04	114.07	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.08	0.07	14.04	ppb
Lead	207-1	0.09	0.07	0.08	0.08	8.67	ppb
Lead	208-1	0.08	0.07	0.08	0.08	7.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	5.23	2.34	2.88	3.48	44.03	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P8
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:41:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	-0.14	-0.05	-0.05		ppb
Molybdenum	94-1	0.26	0.31	0.19	0.25	23.15	ppb
Molybdenum	95-1	0.27	0.36	0.20	0.27	29.10	ppb
Molybdenum	96-1	0.25	0.28	0.26	0.26	4.95	ppb
Molybdenum	97-1	0.35	0.24	0.27	0.29	18.67	ppb
Molybdenum	98-1	0.26	0.30	0.19	0.25	20.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.03	-0.01	0.00		ppb
Phosphorus	31-2	38.83	15.58	15.25	23.22	58.23	ppb
Potassium	39-2	14.41	28.37	10.55	17.78	52.73	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	-5.50	-5.50	-5.50	-5.50		ppb
Selenium	78-2	0.43	-1.26	-0.42	-0.42		ppb
Selenium	82-1	-0.13	-0.83	-0.39	-0.45		ppb
Silicon	28-1	-6.07	-0.69	-2.37	-3.04		ppb
Silver	109-1	0.04	0.06	0.05	0.05	20.04	ppb
Silver	107-1	0.05	0.03	0.04	0.04	22.19	ppb
Sodium	23-2	66.98	56.79	59.87	61.21	8.54	ppb
Strontium	86-1	-0.04	0.06	0.00	0.01	1082.47	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	91.58	ppb
Sulfur	34-1	-1181.69	-594.71	-570.44	-782.28		ppb
Terbium	159-1				101		%
Terbium	159-2				109		%
Thallium	203-1	0.13	0.12	0.09	0.12	18.06	ppb
Thallium	205-1	0.14	0.12	0.09	0.12	20.42	ppb
Tin	118-1	0.03	0.01	0.02	0.02	59.93	ppb
Titanium	47-1	-0.01	-0.02	-0.02	-0.02		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	-0.15	0.03	-0.17	-0.09		ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P8
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:41:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.07	0.05	0.06	18.12	ppb
Zirconium	91-1	0.02	0.07	0.06	0.05	51.18	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:45:10	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.56	34.11	32.04	31.90	7.14	ppb
Antimony	121-1	2.05	2.20	2.02	2.09	4.71	ppb
Arsenic	75-2	1.11	0.68	0.66	0.82	30.80	ppb
Barium	135-1	9.19	9.27	9.37	9.28	1.01	ppb
Barium	137-1	9.56	9.94	9.26	9.59	3.55	ppb
Beryllium	9-1	1.14	0.73	1.01	0.96	21.80	ppb
Bismuth	209-1				105		%
Bismuth	209-2				112		%
Boron	10-1	27.92	31.62	27.60	29.05	7.69	ppb
Boron	11-1	28.40	26.81	27.95	27.72	2.96	ppb
Cadmium	111-1	1.08	1.01	1.02	1.03	4.03	ppb
Cadmium	106-1	2.84	1.58	2.65	2.36	28.70	ppb
Cadmium	108-1	1.11	1.10	1.50	1.24	18.73	ppb
Calcium	43-1	422.88	439.68	451.15	437.90	3.25	ppb
Calcium	44-1	451.58	463.40	459.10	458.03	1.31	ppb
Chromium	52-2	2.06	1.85	2.10	2.00	6.57	ppb
Cobalt	59-2	0.91	0.95	0.92	0.93	2.17	ppb
Copper	63-2	2.14	2.02	2.08	2.08	2.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	53.06	51.36	53.18	52.53	1.93	ppb
Iron	57-2	55.69	47.84	51.64	51.72	7.59	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.97	0.97	0.98	1.56	ppb
Lead	207-1	0.96	0.97	0.93	0.95	1.87	ppb
Lead	208-1	0.98	0.96	0.97	0.97	1.51	ppb
Lithium	6-1				108		%
Magnesium	24-2	494.36	475.94	523.34	497.88	4.80	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:45:10	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	1.25	1.06	1.09	13.16	ppb
Molybdenum	94-1	4.86	5.04	5.03	4.98	2.10	ppb
Molybdenum	95-1	4.68	5.08	4.88	4.88	4.11	ppb
Molybdenum	96-1	4.61	4.83	4.85	4.76	2.72	ppb
Molybdenum	97-1	4.76	4.89	4.76	4.81	1.61	ppb
Molybdenum	98-1	4.52	4.87	4.81	4.74	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.07	1.03	1.04	3.20	ppb
Phosphorus	31-2	39.11	-8.05	16.11	15.72	149.98	ppb
Potassium	39-2	497.80	478.66	537.67	504.71	5.97	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	-0.25	-0.28	-5.50	-2.01		ppb
Selenium	78-2	4.67	1.26	4.83	3.59	56.21	ppb
Selenium	82-1	4.55	5.20	4.09	4.61	12.08	ppb
Silicon	28-1	6.97	9.81	9.86	8.88	18.66	ppb
Silver	109-1	0.96	0.95	1.03	0.98	4.48	ppb
Silver	107-1	1.02	0.99	0.98	1.00	1.67	ppb
Sodium	23-2	531.38	509.38	564.65	535.14	5.20	ppb
Strontium	86-1	0.79	1.12	0.89	0.93	18.44	ppb
Strontium	88-1	1.01	0.98	0.96	0.98	2.24	ppb
Sulfur	34-1	-1172.01	-990.99	-928.83	-1030.61		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	1.03	1.03	0.93	0.99	5.51	ppb
Thallium	205-1	1.04	1.06	0.98	1.03	4.14	ppb
Tin	118-1	4.61	4.92	4.70	4.74	3.31	ppb
Titanium	47-1	4.81	5.31	5.00	5.04	5.00	ppb
Uranium	238-1	0.86	0.89	0.89	0.88	2.02	ppb
Vanadium	51-2	4.36	4.57	4.77	4.56	4.56	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	2.16	2.27	2.20	2.21	2.54	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:45:10	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.03	1.07	1.09	1.06	2.98	ppb
Zirconium	91-1	0.90	1.11	0.96	0.99	11.14	ppb

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : PB109435BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 14:56:44 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.15	0.90	-2.23	0.94	338.53	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	4.75	ppb
Arsenic	75-2	-0.12	-0.14	-0.08	-0.12		ppb
Barium	135-1	-0.01	-0.03	-0.03	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	-0.03	0.03	0.04	0.01	254.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				111		%
Boron	10-1	4.92	4.62	2.54	4.03	32.20	ppb
Boron	11-1	3.64	3.29	3.06	3.33	8.79	ppb
Cadmium	111-1	0.08	-0.04	-0.04	0.00		ppb
Cadmium	106-1	1.14	-0.59	-0.56	0.00		ppb
Cadmium	108-1	0.03	0.06	-0.01	0.03	144.33	ppb
Calcium	43-1	-0.47	-7.70	-5.00	-4.39		ppb
Calcium	44-1	3.54	2.63	3.21	3.13	14.70	ppb
Chromium	52-2	-0.06	-0.09	-0.12	-0.09		ppb
Cobalt	59-2	-0.04	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.02	0.01	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	0.05	-0.10	0.07	0.01	1016.28	ppb
Iron	57-2	0.00	0.79	2.21	1.00	111.75	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.02	0.02	68.56	ppb
Lead	207-1	0.02	0.02	0.02	0.02	4.61	ppb
Lead	208-1	0.01	0.02	0.03	0.02	29.14	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.71	0.97	-0.20	0.83	116.33	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109435BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:56:44	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	-0.02	-0.09	0.00		ppb
Molybdenum	94-1	0.03	-0.02	0.02	0.01	210.31	ppb
Molybdenum	95-1	0.00	-0.03	0.02	0.00		ppb
Molybdenum	96-1	-0.03	-0.04	-0.04	-0.04		ppb
Molybdenum	97-1	0.03	-0.05	0.08	0.02	293.73	ppb
Molybdenum	98-1	-0.03	-0.01	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.03	-0.05	-0.06		ppb
Phosphorus	31-2	-8.05	-8.05	-8.05	-8.05		ppb
Potassium	39-2	26.16	12.55	29.80	22.84	39.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-5.50	-5.50	-5.50	-5.50		ppb
Selenium	78-2	0.48	0.47	-0.37	0.19	249.96	ppb
Selenium	82-1	0.12	0.10	0.41	0.21	81.50	ppb
Silicon	28-1	-4.03	-4.71	-3.31	-4.02		ppb
Silver	109-1	0.00	0.00	0.00	0.00	74.69	ppb
Silver	107-1	0.00	0.00	0.00	0.00	61.39	ppb
Sodium	23-2	24.05	19.41	44.24	29.23	45.18	ppb
Strontium	86-1	-0.07	0.00	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	409.02	ppb
Sulfur	34-1	-637.33	-740.40	-517.88	-631.87		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.06	0.02	0.04	46.58	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	14.99	ppb
Tin	118-1	-0.04	-0.02	-0.03	-0.03		ppb
Titanium	47-1	0.00	0.01	0.01	0.01	76.43	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	-0.02	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	-0.14	-0.07	-0.12	-0.11		ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109435BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:56:44	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.01	0.01	53.77	ppb
Zirconium	91-1	-0.01	0.00	0.03	0.01	256.52	ppb

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : PB109436BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 15:02:44 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.91	-0.62	-3.85	1.48	448.94	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	4.51	ppb
Arsenic	75-2	-0.16	-0.18	-0.16	-0.17		ppb
Barium	135-1	-0.03	0.00	-0.04	-0.02		ppb
Barium	137-1	-0.03	-0.01	-0.02	-0.02		ppb
Beryllium	9-1	0.00	0.04	0.02	0.02	74.76	ppb
Bismuth	209-1				102		%
Bismuth	209-2				110		%
Boron	10-1	2.00	2.32	1.39	1.90	24.87	ppb
Boron	11-1	2.02	1.87	2.61	2.17	18.08	ppb
Cadmium	111-1	-0.04	0.06	0.00	0.01	463.16	ppb
Cadmium	106-1	-0.35	0.96	0.09	0.23	286.32	ppb
Cadmium	108-1	0.02	0.02	0.02	0.02	1.22	ppb
Calcium	43-1	-1.90	-3.88	-1.25	-2.34		ppb
Calcium	44-1	0.89	3.49	4.05	2.81	60.11	ppb
Chromium	52-2	0.01	0.00	-0.11	-0.03		ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	0.00	-0.03	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	0.64	0.10	0.32	0.35	76.80	ppb
Iron	57-2	2.08	1.75	2.96	2.27	27.69	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.03	0.01	100.35	ppb
Lead	207-1	0.01	0.01	0.00	0.01	111.58	ppb
Lead	208-1	0.01	0.00	0.00	0.00	183.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.02	-1.58	0.05	-0.17		ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109436BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:02:44	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	-0.09	0.05	0.02	548.85	ppb
Molybdenum	94-1	-0.02	-0.08	-0.02	-0.04		ppb
Molybdenum	95-1	-0.05	-0.05	-0.05	-0.05		ppb
Molybdenum	96-1	-0.06	-0.06	-0.04	-0.05		ppb
Molybdenum	97-1	-0.05	-0.04	-0.05	-0.05		ppb
Molybdenum	98-1	-0.08	-0.07	-0.06	-0.07		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.03	-0.03	-0.04		ppb
Phosphorus	31-2	-8.05	15.89	15.70	7.84	175.52	ppb
Potassium	39-2	3.63	13.69	19.33	12.22	65.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	-5.50	-5.50	-5.50	-5.50		ppb
Selenium	78-2	-2.12	-1.25	-1.24	-1.54		ppb
Selenium	82-1	-0.09	0.27	-0.14	0.02	1314.88	ppb
Silicon	28-1	-3.57	-3.87	-2.46	-3.30		ppb
Silver	109-1	0.01	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.00	0.00	149.59	ppb
Sodium	23-2	40.36	47.90	39.26	42.50	11.07	ppb
Strontium	86-1	0.01	-0.03	-0.07	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-614.96	-623.76	-318.40	-519.04		ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.03	0.02	0.02	9.00	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	41.22	ppb
Tin	118-1	-0.08	-0.04	-0.03	-0.05		ppb
Titanium	47-1	0.08	0.03	0.10	0.07	56.48	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	-0.02	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	-0.22	-0.17	-0.09	-0.16		ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109436BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:02:44	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	156.25	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109436BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:06:05	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.41	31.63	37.03	32.36	13.47	ppb
Antimony	121-1	4.74	3.86	3.85	4.15	12.36	ppb
Arsenic	75-2	1.67	1.72	1.99	1.79	9.56	ppb
Barium	135-1	24.84	19.61	19.03	21.16	15.12	ppb
Barium	137-1	24.26	19.89	18.77	20.97	13.83	ppb
Beryllium	9-1	2.85	2.65	1.91	2.47	20.07	ppb
Bismuth	209-1				110		%
Bismuth	209-2				119		%
Boron	10-1	38.02	49.43	48.52	45.32	13.99	ppb
Boron	11-1	41.14	49.10	49.92	46.72	10.38	ppb
Cadmium	111-1	3.01	2.27	1.87	2.38	24.34	ppb
Cadmium	106-1	2.98	2.17	1.61	2.25	30.66	ppb
Cadmium	108-1	3.18	2.02	2.05	2.42	27.41	ppb
Calcium	43-1	1237.66	953.78	923.55	1038.33	16.69	ppb
Calcium	44-1	1242.87	959.24	902.24	1034.78	17.63	ppb
Chromium	52-2	3.87	3.92	3.79	3.86	1.71	ppb
Cobalt	59-2	1.91	2.01	1.88	1.93	3.62	ppb
Copper	63-2	3.87	3.96	3.73	3.85	3.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				113		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	56-2	371.04	388.74	368.94	376.24	2.89	ppb
Iron	57-2	371.10	371.48	355.64	366.07	2.47	ppb
Krypton	83-1						cps
Lead	206-1	5.15	2.32	1.83	3.10	57.85	ppb
Lead	207-1	4.62	2.29	1.82	2.91	51.43	ppb
Lead	208-1	4.77	2.30	1.84	2.97	53.03	ppb
Lithium	6-1				116		%
Magnesium	24-2	977.42	1032.58	945.54	985.18	4.47	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109436BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:06:05	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.79	2.01	1.82	1.87	6.51	ppb
Molybdenum	94-1	14.51	9.86	9.34	11.24	25.32	ppb
Molybdenum	95-1	14.49	10.09	9.15	11.25	25.35	ppb
Molybdenum	96-1	14.15	9.76	9.00	10.97	25.34	ppb
Molybdenum	97-1	13.87	10.25	9.10	11.07	22.51	ppb
Molybdenum	98-1	14.07	9.89	9.06	11.01	24.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	2.13	1.91	2.01	5.71	ppb
Phosphorus	31-2	13.67	14.80	13.58	14.01	4.84	ppb
Potassium	39-2	980.09	1007.27	971.37	986.24	1.90	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				117		%
Scandium	45-2				111		%
Selenium	77-2	18.76	5.00	-0.53	7.74	128.28	ppb
Selenium	78-2	6.50	7.20	3.50	5.73	34.26	ppb
Selenium	82-1	9.41	9.55	8.97	9.31	3.28	ppb
Silicon	28-1	33.56	20.23	23.07	25.62	27.42	ppb
Silver	109-1	2.26	2.04	1.97	2.09	7.25	ppb
Silver	107-1	2.24	2.00	2.01	2.08	6.47	ppb
Sodium	23-2	985.72	1056.14	963.32	1001.73	4.84	ppb
Strontium	86-1	3.26	2.14	1.80	2.40	31.68	ppb
Strontium	88-1	3.20	2.13	1.96	2.43	27.77	ppb
Sulfur	34-1	-982.25	-1474.36	-898.59	-1118.40		ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	3.13	2.12	1.92	2.39	27.26	ppb
Thallium	205-1	3.10	2.06	1.92	2.36	27.40	ppb
Tin	118-1	10.16	9.90	9.63	9.90	2.68	ppb
Titanium	47-1	23.30	10.64	9.73	14.55	52.12	ppb
Uranium	238-1	3.38	2.05	1.79	2.41	35.30	ppb
Vanadium	51-2	9.54	9.76	9.09	9.46	3.61	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	4.16	3.86	3.77	3.93	5.18	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109436BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:06:05	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.89	2.03	1.96	2.29	22.67	ppb
Zirconium	91-1	2.75	2.02	1.92	2.23	20.47	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109435BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:13:12	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.14	27.97	49.82	42.98	30.28	ppb
Antimony	121-1	3.79	3.88	3.78	3.82	1.43	ppb
Arsenic	75-2	1.82	1.88	1.97	1.89	4.11	ppb
Barium	135-1	19.08	19.10	18.70	18.96	1.17	ppb
Barium	137-1	19.13	19.30	19.54	19.33	1.07	ppb
Beryllium	9-1	2.41	2.14	1.93	2.16	11.15	ppb
Bismuth	209-1				107		%
Bismuth	209-2				115		%
Boron	10-1	51.37	43.87	48.92	48.05	7.97	ppb
Boron	11-1	45.90	50.18	50.95	49.01	5.55	ppb
Cadmium	111-1	1.91	2.01	1.78	1.90	6.11	ppb
Cadmium	106-1	2.51	2.71	1.39	2.20	32.34	ppb
Cadmium	108-1	1.76	1.34	1.98	1.69	19.05	ppb
Calcium	43-1	959.39	927.80	947.14	944.78	1.69	ppb
Calcium	44-1	907.04	920.62	929.91	919.19	1.25	ppb
Chromium	52-2	3.93	4.04	4.10	4.03	2.16	ppb
Cobalt	59-2	1.87	1.98	2.01	1.96	3.85	ppb
Copper	63-2	4.19	3.79	4.10	4.03	5.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	388.40	374.06	383.74	382.07	1.92	ppb
Iron	57-2	380.10	366.86	366.88	371.28	2.06	ppb
Krypton	83-1						cps
Lead	206-1	1.89	1.84	1.92	1.88	2.04	ppb
Lead	207-1	1.91	1.88	1.89	1.89	0.84	ppb
Lead	208-1	1.91	1.87	1.84	1.87	1.96	ppb
Lithium	6-1				110		%
Magnesium	24-2	1041.00	981.19	1019.52	1013.90	2.99	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109435BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:13:12	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.84	2.09	1.95	1.96	6.28	ppb
Molybdenum	94-1	10.21	9.44	9.54	9.73	4.31	ppb
Molybdenum	95-1	9.49	9.76	9.72	9.66	1.52	ppb
Molybdenum	96-1	9.43	9.58	9.03	9.35	3.01	ppb
Molybdenum	97-1	9.15	8.88	8.94	8.99	1.60	ppb
Molybdenum	98-1	9.26	9.46	9.63	9.45	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.30	2.10	2.09	2.16	5.37	ppb
Phosphorus	31-2	38.52	-8.05	-8.05	7.47	359.87	ppb
Potassium	39-2	1042.99	1003.35	1031.60	1025.98	1.99	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	77-2	10.42	-0.39	-0.39	3.22	194.12	ppb
Selenium	78-2	15.88	7.79	12.76	12.14	33.58	ppb
Selenium	82-1	9.80	10.12	10.07	10.00	1.72	ppb
Silicon	28-1	25.40	22.71	24.62	24.24	5.70	ppb
Silver	109-1	1.99	1.99	1.97	1.98	0.37	ppb
Silver	107-1	1.95	2.03	2.06	2.01	2.81	ppb
Sodium	23-2	1039.71	982.06	1044.93	1022.23	3.41	ppb
Strontium	86-1	2.03	2.00	2.00	2.01	0.94	ppb
Strontium	88-1	1.97	2.01	1.97	1.98	1.24	ppb
Sulfur	34-1	-382.37	-288.14	-331.95	-334.15		ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	1.83	1.77	1.90	1.83	3.61	ppb
Thallium	205-1	2.01	1.94	1.88	1.94	3.20	ppb
Tin	118-1	9.66	9.58	9.76	9.66	0.95	ppb
Titanium	47-1	9.51	10.20	9.27	9.66	5.00	ppb
Uranium	238-1	1.80	1.82	1.81	1.81	0.50	ppb
Vanadium	51-2	10.14	9.71	9.74	9.87	2.44	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	4.30	4.19	4.24	4.25	1.35	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109435BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:13:12	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.92	1.97	1.95	1.95	1.43	ppb
Zirconium	91-1	1.94	2.01	1.92	1.96	2.45	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:16:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21444.12	20788.92	21017.38	21083.47	1.58	ppb
Antimony	121-1	25.95	30.74	25.87	27.52	10.15	ppb
Arsenic	75-2	53.89	48.87	50.63	51.13	4.98	ppb
Barium	135-1	570.71	572.10	560.96	567.92	1.07	ppb
Barium	137-1	577.58	580.26	580.43	579.42	0.28	ppb
Beryllium	9-1	1.80	1.81	1.66	1.76	4.71	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	10-1	17.35	15.77	14.38	15.83	9.40	ppb
Boron	11-1	16.16	18.83	15.73	16.91	9.92	ppb
Cadmium	111-1	110.72	112.68	111.08	111.49	0.93	ppb
Cadmium	106-1	99.80	102.80	101.03	101.21	1.49	ppb
Cadmium	108-1	107.81	102.52	109.34	106.56	3.36	ppb
Calcium	43-1	5590.31	5533.83	5705.24	5609.79	1.56	ppb
Calcium	44-1	5667.30	5609.24	5695.79	5657.44	0.78	ppb
Chromium	52-2	201.95	197.73	194.35	198.01	1.92	ppb
Cobalt	59-2	51.08	50.10	50.53	50.57	0.97	ppb
Copper	63-2	4655.57	4477.85	4520.50	4551.31	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	182209.03	176070.05	177462.43	178580.51	1.80	ppb
Iron	57-2	182890.84	174756.54	175374.06	177673.81	2.55	ppb
Krypton	83-1						cps
Lead	206-1	3223.09	3216.92	3200.26	3213.42	0.37	ppb
Lead	207-1	2925.29	2915.03	2942.89	2927.74	0.48	ppb
Lead	208-1	3066.01	3072.83	3065.64	3068.16	0.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	4948.09	4762.73	4837.19	4849.33	1.92	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:16:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2192.57	2116.02	2115.09	2141.23	2.08	ppb
Molybdenum	94-1	20.91	20.44	20.72	20.69	1.16	ppb
Molybdenum	95-1	23.94	24.08	23.34	23.79	1.67	ppb
Molybdenum	96-1	23.86	24.27	23.47	23.87	1.66	ppb
Molybdenum	97-1	23.13	23.82	23.30	23.42	1.53	ppb
Molybdenum	98-1	23.87	23.47	23.60	23.65	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.67	485.82	483.75	487.75	1.07	ppb
Phosphorus	31-2	2403.10	2105.63	1731.52	2080.08	16.18	ppb
Potassium	39-2	1236.32	1185.02	1194.89	1205.41	2.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	76.26	54.19	95.42	75.29	27.41	ppb
Selenium	78-2	11.08	10.73	7.65	9.82	19.18	ppb
Selenium	82-1	2.36	2.54	2.79	2.56	8.39	ppb
Silicon	28-1	2236.25	2071.22	2198.97	2168.81	3.99	ppb
Silver	109-1	9.23	9.18	9.22	9.21	0.29	ppb
Silver	107-1	9.08	9.21	9.23	9.18	0.89	ppb
Sodium	23-2	296.84	274.09	252.56	274.50	8.07	ppb
Strontium	86-1	44.66	44.80	44.11	44.52	0.82	ppb
Strontium	88-1	45.45	45.93	45.85	45.74	0.56	ppb
Sulfur	34-1	-439.73	-447.83	-579.68	-489.08		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.53	0.59	0.66	0.59	11.47	ppb
Thallium	205-1	0.54	0.57	0.63	0.58	7.41	ppb
Tin	118-1	139.46	142.71	144.60	142.26	1.83	ppb
Titanium	47-1	304.63	294.87	300.18	299.89	1.63	ppb
Uranium	238-1	1.73	1.75	1.76	1.75	0.95	ppb
Vanadium	51-2	81.94	79.11	80.09	80.38	1.79	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	3898.23	3782.00	3806.03	3828.76	1.60	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:16:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.49	2.49	2.63	2.54	3.09	ppb
Zirconium	91-1	2.80	2.44	2.72	2.66	7.19	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:19:47	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15809.43	15871.75	15832.45	15837.88	0.20	ppb
Antimony	121-1	45.93	46.12	46.53	46.19	0.67	ppb
Arsenic	75-2	18.03	17.86	18.15	18.02	0.81	ppb
Barium	135-1	391.37	392.38	396.64	393.47	0.71	ppb
Barium	137-1	395.68	393.33	397.69	395.57	0.55	ppb
Beryllium	9-1	1.31	1.42	1.22	1.32	7.71	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	3.27	5.85	4.68	4.60	28.11	ppb
Boron	11-1	6.47	6.97	6.60	6.68	3.84	ppb
Cadmium	111-1	5.84	5.87	5.75	5.82	1.06	ppb
Cadmium	106-1	7.55	7.48	5.66	6.90	15.59	ppb
Cadmium	108-1	5.55	6.57	6.54	6.22	9.37	ppb
Calcium	43-1	4004.36	4073.37	4166.38	4081.37	1.99	ppb
Calcium	44-1	4040.32	4083.58	4139.09	4087.66	1.21	ppb
Chromium	52-2	80.43	80.00	79.98	80.14	0.32	ppb
Cobalt	59-2	21.46	21.97	21.63	21.69	1.18	ppb
Copper	63-2	1123.34	1124.39	1116.19	1121.30	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	62867.63	62414.76	62184.04	62488.81	0.56	ppb
Iron	57-2	61853.62	61824.19	61042.41	61573.41	0.75	ppb
Krypton	83-1						cps
Lead	206-1	1275.51	1288.09	1316.39	1293.33	1.62	ppb
Lead	207-1	1169.94	1196.82	1197.12	1187.96	1.31	ppb
Lead	208-1	1218.22	1242.49	1249.55	1236.75	1.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	6431.06	6424.35	6391.78	6415.73	0.33	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:19:47	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1180.86	1192.88	1164.14	1179.29	1.22	ppb
Molybdenum	94-1	9.60	8.76	8.94	9.10	4.89	ppb
Molybdenum	95-1	9.04	8.95	9.47	9.15	3.05	ppb
Molybdenum	96-1	9.03	9.16	9.60	9.26	3.25	ppb
Molybdenum	97-1	8.64	9.24	9.14	9.01	3.60	ppb
Molybdenum	98-1	8.95	9.13	9.31	9.13	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.13	76.81	75.85	76.26	0.64	ppb
Phosphorus	31-2	568.76	844.81	840.23	751.27	21.04	ppb
Potassium	39-2	1284.89	1361.62	1291.16	1312.56	3.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	47.63	42.09	26.09	38.60	28.97	ppb
Selenium	78-2	9.03	14.95	10.63	11.54	26.55	ppb
Selenium	82-1	3.31	3.30	2.30	2.97	19.66	ppb
Silicon	28-1	2428.96	2091.02	1931.06	2150.35	11.82	ppb
Silver	109-1	1.72	1.79	1.91	1.80	5.40	ppb
Silver	107-1	1.75	1.87	1.87	1.83	3.85	ppb
Sodium	23-2	191.18	239.92	179.75	203.62	15.69	ppb
Strontium	86-1	19.92	20.79	20.37	20.36	2.14	ppb
Strontium	88-1	20.54	20.92	21.12	20.86	1.41	ppb
Sulfur	34-1	-1797.58	-1794.00	-1787.24	-1792.94		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.35	0.38	0.36	0.37	4.60	ppb
Thallium	205-1	0.37	0.37	0.41	0.38	5.50	ppb
Tin	118-1	184.99	185.48	188.15	186.21	0.91	ppb
Titanium	47-1	259.63	271.43	273.55	268.20	2.80	ppb
Uranium	238-1	1.43	1.47	1.43	1.44	1.57	ppb
Vanadium	51-2	60.54	59.10	58.77	59.47	1.59	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	1032.75	1045.30	1031.78	1036.61	0.73	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:19:47	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.70	2.03	1.70	1.81	10.54	ppb
Zirconium	91-1	1.33	1.44	1.50	1.42	6.19	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:23:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15713.76	16050.90	15859.77	15874.81	1.07	ppb
Antimony	121-1	32.62	31.70	31.56	31.96	1.80	ppb
Arsenic	75-2	46.85	49.31	47.35	47.83	2.71	ppb
Barium	135-1	608.60	582.52	589.09	593.40	2.29	ppb
Barium	137-1	613.26	603.94	597.91	605.04	1.28	ppb
Beryllium	9-1	1.46	1.57	1.25	1.43	11.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	10-1	7.77	8.45	9.47	8.56	10.00	ppb
Boron	11-1	8.12	8.71	7.67	8.16	6.34	ppb
Cadmium	111-1	31.14	29.78	30.77	30.56	2.30	ppb
Cadmium	106-1	31.69	28.02	30.99	30.23	6.45	ppb
Cadmium	108-1	31.15	30.69	29.39	30.41	3.01	ppb
Calcium	43-1	4363.30	4229.51	4237.35	4276.72	1.76	ppb
Calcium	44-1	4260.68	4268.42	4288.64	4272.58	0.34	ppb
Chromium	52-2	158.52	162.10	158.81	159.81	1.25	ppb
Cobalt	59-2	38.61	39.56	38.62	38.93	1.39	ppb
Copper	63-2	5740.37	5903.61	5741.59	5795.19	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	169297.24	170475.14	170009.48	169927.29	0.35	ppb
Iron	57-2	170876.34	172297.22	169341.12	170838.23	0.87	ppb
Krypton	83-1						cps
Lead	206-1	2745.13	2727.72	2707.56	2726.80	0.69	ppb
Lead	207-1	2548.00	2491.14	2485.56	2508.23	1.38	ppb
Lead	208-1	2641.03	2597.26	2588.79	2609.03	1.07	ppb
Lithium	6-1				104		%
Magnesium	24-2	6457.32	6588.11	6383.24	6476.22	1.60	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:23:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1837.49	1871.99	1848.93	1852.80	0.95	ppb
Molybdenum	94-1	14.52	13.93	13.94	14.13	2.40	ppb
Molybdenum	95-1	16.03	15.40	15.65	15.69	2.04	ppb
Molybdenum	96-1	15.91	15.78	15.64	15.78	0.85	ppb
Molybdenum	97-1	14.97	15.30	15.04	15.10	1.15	ppb
Molybdenum	98-1	15.59	15.45	15.71	15.59	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	198.55	199.38	197.38	198.44	0.51	ppb
Phosphorus	31-2	1820.73	1749.40	1561.68	1710.61	7.82	ppb
Potassium	39-2	806.87	825.85	814.46	815.73	1.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	83.53	55.16	95.86	78.18	26.69	ppb
Selenium	78-2	28.31	45.94	46.10	40.12	25.49	ppb
Selenium	82-1	31.91	30.56	32.91	31.79	3.71	ppb
Silicon	28-1	5033.30	3112.93	2570.47	3572.23	36.23	ppb
Silver	109-1	4.31	4.15	4.16	4.21	2.08	ppb
Silver	107-1	4.34	4.18	4.16	4.23	2.26	ppb
Sodium	23-2	230.36	329.91	225.58	261.95	22.49	ppb
Strontium	86-1	28.51	28.68	27.98	28.39	1.30	ppb
Strontium	88-1	29.13	29.52	29.25	29.30	0.69	ppb
Sulfur	34-1	-1345.35	-1143.41	-1261.14	-1249.97		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.50	0.49	0.46	0.48	4.23	ppb
Thallium	205-1	0.49	0.52	0.52	0.51	3.82	ppb
Tin	118-1	102.01	98.49	99.60	100.03	1.80	ppb
Titanium	47-1	386.40	416.18	388.37	396.98	4.20	ppb
Uranium	238-1	1.63	1.64	1.64	1.64	0.58	ppb
Vanadium	51-2	112.53	115.14	113.52	113.73	1.16	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	3303.83	3357.95	3278.30	3313.36	1.23	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:23:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.53	2.09	2.10	2.24	11.11	ppb
Zirconium	91-1	2.28	2.24	3.82	2.78	32.29	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-04	Instrumnet Name :	P8
Client Sample ID :	MC0AA4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:26:20	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16428.95	15583.52	17643.91	16552.12	6.26	ppb
Antimony	121-1	0.84	0.83	0.90	0.86	4.71	ppb
Arsenic	75-2	8.96	8.73	9.12	8.94	2.17	ppb
Barium	135-1	185.17	193.31	188.37	188.95	2.17	ppb
Barium	137-1	187.11	191.98	189.60	189.56	1.28	ppb
Beryllium	9-1	1.70	1.76	1.63	1.70	4.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	2.48	3.90	4.07	3.49	25.04	ppb
Boron	11-1	4.62	4.44	3.63	4.23	12.44	ppb
Cadmium	111-1	1.12	1.12	1.17	1.14	2.31	ppb
Cadmium	106-1	1.53	1.01	2.35	1.63	41.54	ppb
Cadmium	108-1	0.86	1.03	0.95	0.95	9.25	ppb
Calcium	43-1	4332.72	4396.32	4499.01	4409.35	1.90	ppb
Calcium	44-1	4332.30	4419.42	4452.87	4401.53	1.41	ppb
Chromium	52-2	41.28	40.63	45.16	42.36	5.78	ppb
Cobalt	59-2	21.21	21.28	23.52	22.00	5.97	ppb
Copper	63-2	76.40	74.98	84.17	78.52	6.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	32698.26	31995.73	36004.26	33566.08	6.38	ppb
Iron	57-2	31795.22	31672.79	35580.00	33016.01	6.73	ppb
Krypton	83-1						cps
Lead	206-1	81.65	80.30	80.61	80.86	0.87	ppb
Lead	207-1	73.67	72.65	73.12	73.14	0.70	ppb
Lead	208-1	76.88	76.14	75.81	76.27	0.72	ppb
Lithium	6-1				104		%
Magnesium	24-2	7389.80	7291.26	8199.55	7626.87	6.53	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-04	Instrumnet Name :	P8
Client Sample ID :	MC0AA4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:26:20	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	815.92	799.40	896.51	837.28	6.21	ppb
Molybdenum	94-1	2.83	2.85	2.72	2.80	2.54	ppb
Molybdenum	95-1	0.93	1.01	1.04	1.00	5.60	ppb
Molybdenum	96-1	1.19	1.38	1.26	1.28	7.70	ppb
Molybdenum	97-1	1.08	1.01	1.00	1.03	3.97	ppb
Molybdenum	98-1	0.94	0.93	1.02	0.96	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.92	34.71	38.69	35.77	7.14	ppb
Phosphorus	31-2	662.96	610.15	1098.73	790.62	33.92	ppb
Potassium	39-2	717.11	611.18	727.61	685.30	9.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	69.91	64.77	135.17	89.95	43.63	ppb
Selenium	78-2	7.45	9.22	6.40	7.69	18.57	ppb
Selenium	82-1	0.95	-0.07	0.72	0.53	99.97	ppb
Silicon	28-1	2018.26	1635.76	2099.87	1917.96	12.92	ppb
Silver	109-1	0.27	0.27	0.31	0.28	8.25	ppb
Silver	107-1	0.26	0.31	0.28	0.28	9.77	ppb
Sodium	23-2	228.54	223.76	278.46	243.58	12.44	ppb
Strontium	86-1	20.97	21.55	21.20	21.24	1.38	ppb
Strontium	88-1	21.97	22.12	21.91	22.00	0.49	ppb
Sulfur	34-1	-2926.33	-2958.69	-2759.47	-2881.50		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.17	0.16	0.16	0.16	4.43	ppb
Thallium	205-1	0.18	0.18	0.18	0.18	1.53	ppb
Tin	118-1	2.99	3.13	3.01	3.04	2.54	ppb
Titanium	47-1	198.73	210.04	208.00	205.59	2.93	ppb
Uranium	238-1	1.55	1.61	1.54	1.57	2.19	ppb
Vanadium	51-2	59.91	58.81	64.31	61.01	4.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	145.13	146.35	162.88	151.45	6.54	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-04	Instrumnet Name :	P8
Client Sample ID :	MC0AA4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:26:20	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.35	1.32	1.30	1.32	1.99	ppb
Zirconium	91-1	1.61	1.52	1.48	1.53	4.35	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-05	Instrumnet Name :	P8
Client Sample ID :	MC0AA5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:29:41	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17122.81	17624.14	16935.08	17227.35	2.07	ppb
Antimony	121-1	1.30	1.34	1.22	1.29	4.99	ppb
Arsenic	75-2	7.14	7.26	7.09	7.16	1.27	ppb
Barium	135-1	190.13	189.12	179.65	186.30	3.10	ppb
Barium	137-1	190.34	189.14	180.53	186.67	2.87	ppb
Beryllium	9-1	1.46	1.36	1.39	1.40	3.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	10-1	3.12	2.53	4.47	3.37	29.42	ppb
Boron	11-1	3.07	3.11	2.32	2.83	15.72	ppb
Cadmium	111-1	0.80	0.92	0.72	0.81	12.78	ppb
Cadmium	106-1	0.40	2.00	1.02	1.14	70.68	ppb
Cadmium	108-1	1.31	1.22	0.83	1.12	22.58	ppb
Calcium	43-1	2826.28	2733.57	2641.85	2733.90	3.37	ppb
Calcium	44-1	2920.64	2799.63	2663.99	2794.75	4.59	ppb
Chromium	52-2	54.45	55.72	53.45	54.54	2.09	ppb
Cobalt	59-2	19.38	20.09	19.70	19.72	1.79	ppb
Copper	63-2	66.67	67.87	66.30	66.95	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	30459.64	31798.30	29903.21	30720.38	3.17	ppb
Iron	57-2	29834.64	30706.96	29679.04	30073.55	1.84	ppb
Krypton	83-1						cps
Lead	206-1	138.09	135.71	130.53	134.77	2.87	ppb
Lead	207-1	125.29	123.99	118.06	122.45	3.15	ppb
Lead	208-1	130.11	128.40	123.56	127.36	2.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	6576.56	6715.17	6536.73	6609.48	1.42	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-05	Instrumnet Name :	P8
Client Sample ID :	MC0AA5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:29:41	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.88	1019.60	997.01	1000.50	1.76	ppb
Molybdenum	94-1	9.43	9.11	8.55	9.03	4.94	ppb
Molybdenum	95-1	10.40	10.44	10.05	10.30	2.07	ppb
Molybdenum	96-1	10.53	11.28	10.03	10.61	5.95	ppb
Molybdenum	97-1	10.94	10.31	10.04	10.43	4.41	ppb
Molybdenum	98-1	10.70	10.50	9.99	10.40	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.38	77.75	77.67	77.27	0.99	ppb
Phosphorus	31-2	793.55	993.26	896.47	894.43	11.17	ppb
Potassium	39-2	977.90	1140.41	1257.77	1125.36	12.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	87.24	27.71	65.15	60.04	50.12	ppb
Selenium	78-2	6.69	6.82	6.66	6.72	1.28	ppb
Selenium	82-1	0.62	-0.57	-1.21	-0.39		ppb
Silicon	28-1	2582.18	3401.12	2239.87	2741.05	21.77	ppb
Silver	109-1	0.33	0.35	0.36	0.35	3.47	ppb
Silver	107-1	0.35	0.35	0.37	0.36	4.22	ppb
Sodium	23-2	163.46	198.23	180.61	180.77	9.62	ppb
Strontium	86-1	12.92	12.65	12.46	12.68	1.82	ppb
Strontium	88-1	13.48	12.97	12.87	13.11	2.49	ppb
Sulfur	34-1	-2936.13	-3070.52	-3502.88	-3169.84		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.22	0.17	0.21	0.20	12.33	ppb
Thallium	205-1	0.22	0.21	0.23	0.22	4.74	ppb
Tin	118-1	4.57	4.44	4.17	4.39	4.70	ppb
Titanium	47-1	247.71	251.58	249.06	249.45	0.79	ppb
Uranium	238-1	1.70	1.66	1.64	1.66	1.97	ppb
Vanadium	51-2	56.58	57.50	55.99	56.69	1.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	181.34	188.49	181.54	183.79	2.22	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-05	Instrumnet Name :	P8
Client Sample ID :	MC0AA5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:29:41	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.39	1.31	1.13	1.28	10.07	ppb
Zirconium	91-1	9.00	1.11	1.19	3.77	120.27	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-06	Instrumnet Name :	P8
Client Sample ID :	MC0AA6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:33:01	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15688.91	15641.20	15157.41	15495.84	1.90	ppb
Antimony	121-1	2.36	2.32	2.26	2.31	2.23	ppb
Arsenic	75-2	9.25	8.33	9.46	9.01	6.70	ppb
Barium	135-1	202.84	200.10	196.49	199.81	1.59	ppb
Barium	137-1	199.95	201.49	198.25	199.90	0.81	ppb
Beryllium	9-1	1.15	1.42	1.17	1.25	12.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	3.54	2.48	4.60	3.54	30.04	ppb
Boron	11-1	4.06	3.17	3.75	3.66	12.34	ppb
Cadmium	111-1	1.83	1.82	1.72	1.79	3.48	ppb
Cadmium	106-1	1.88	1.34	1.20	1.47	24.39	ppb
Cadmium	108-1	1.45	1.66	1.95	1.68	14.94	ppb
Calcium	43-1	4625.88	4634.72	4738.27	4666.29	1.34	ppb
Calcium	44-1	4680.02	4678.85	4707.21	4688.70	0.34	ppb
Chromium	52-2	46.39	46.24	44.78	45.80	1.93	ppb
Cobalt	59-2	19.67	19.11	18.47	19.09	3.14	ppb
Copper	63-2	111.52	110.99	106.64	109.72	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	36941.89	36149.14	35000.79	36030.61	2.71	ppb
Iron	57-2	35760.81	35234.54	34502.48	35165.94	1.80	ppb
Krypton	83-1						cps
Lead	206-1	236.96	237.96	234.37	236.43	0.78	ppb
Lead	207-1	214.59	214.91	212.59	214.03	0.59	ppb
Lead	208-1	229.56	230.63	224.90	228.36	1.34	ppb
Lithium	6-1				99		%
Magnesium	24-2	6085.57	5890.31	5795.55	5923.81	2.50	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-06	Instrumnet Name :	P8
Client Sample ID :	MC0AA6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:33:01	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	900.95	888.80	865.89	885.21	2.01	ppb
Molybdenum	94-1	3.45	3.42	3.28	3.38	2.68	ppb
Molybdenum	95-1	2.37	2.20	2.24	2.27	3.90	ppb
Molybdenum	96-1	2.44	2.44	2.59	2.49	3.49	ppb
Molybdenum	97-1	2.30	2.24	2.24	2.26	1.40	ppb
Molybdenum	98-1	2.24	2.24	2.22	2.23	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.74	45.31	44.26	44.77	1.17	ppb
Phosphorus	31-2	1240.96	922.62	896.40	1020.00	18.81	ppb
Potassium	39-2	1113.96	1161.39	1015.05	1096.80	6.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	61.05	38.21	65.19	54.81	26.50	ppb
Selenium	78-2	6.83	5.82	4.03	5.56	25.58	ppb
Selenium	82-1	-0.67	0.91	-0.53	-0.09		ppb
Silicon	28-1	3024.58	2355.46	1680.54	2353.53	28.55	ppb
Silver	109-1	0.65	0.62	0.69	0.65	5.29	ppb
Silver	107-1	0.65	0.60	0.66	0.64	4.95	ppb
Sodium	23-2	165.13	203.73	178.89	182.58	10.72	ppb
Strontium	86-1	23.17	23.30	22.66	23.05	1.46	ppb
Strontium	88-1	24.03	23.71	23.46	23.73	1.20	ppb
Sulfur	34-1	-3161.92	-3329.83	-3047.90	-3179.89		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.23	0.25	0.22	0.23	8.24	ppb
Thallium	205-1	0.26	0.27	0.26	0.26	2.38	ppb
Tin	118-1	8.26	8.12	7.83	8.07	2.73	ppb
Titanium	47-1	250.76	270.23	274.32	265.10	4.75	ppb
Uranium	238-1	1.53	1.53	1.59	1.55	2.22	ppb
Vanadium	51-2	58.93	59.15	55.23	57.77	3.82	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	371.47	367.94	356.84	365.42	2.09	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-06	Instrumnet Name :	P8
Client Sample ID :	MC0AA6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:33:01	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.39	1.20	1.37	1.32	7.90	ppb
Zirconium	91-1	1.50	1.10	1.20	1.27	16.32	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-07	Instrumnet Name :	P8
Client Sample ID :	MC0AA7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:36:20	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17153.53	16783.52	18595.80	17510.95	5.47	ppb
Antimony	121-1	2.02	2.23	2.24	2.16	5.69	ppb
Arsenic	75-2	9.98	10.61	10.95	10.51	4.71	ppb
Barium	135-1	195.32	199.11	198.93	197.79	1.08	ppb
Barium	137-1	199.38	198.64	197.76	198.59	0.41	ppb
Beryllium	9-1	1.69	1.34	1.62	1.55	11.80	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	3.81	2.89	3.15	3.29	14.45	ppb
Boron	11-1	2.35	3.09	3.02	2.82	14.57	ppb
Cadmium	111-1	1.06	1.07	1.09	1.07	1.08	ppb
Cadmium	106-1	0.66	1.71	1.43	1.26	42.97	ppb
Cadmium	108-1	1.34	1.50	1.12	1.32	14.11	ppb
Calcium	43-1	3509.46	3295.48	3325.70	3376.88	3.43	ppb
Calcium	44-1	3400.58	3386.41	3321.79	3369.60	1.25	ppb
Chromium	52-2	44.97	43.99	49.67	46.21	6.57	ppb
Cobalt	59-2	22.06	20.88	23.21	22.05	5.29	ppb
Copper	63-2	90.91	88.86	98.65	92.81	5.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	45764.77	44242.23	49538.48	46515.16	5.86	ppb
Iron	57-2	45034.07	43431.70	48138.43	45534.73	5.26	ppb
Krypton	83-1						cps
Lead	206-1	160.09	159.63	162.15	160.62	0.84	ppb
Lead	207-1	143.82	145.46	145.71	145.00	0.71	ppb
Lead	208-1	152.43	151.88	152.42	152.25	0.21	ppb
Lithium	6-1				99		%
Magnesium	24-2	7019.20	6733.31	7598.21	7116.91	6.19	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-07	Instrumnet Name :	P8
Client Sample ID :	MC0AA7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:36:20	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1303.51	1274.03	1413.22	1330.26	5.51	ppb
Molybdenum	94-1	2.98	3.08	3.02	3.03	1.74	ppb
Molybdenum	95-1	1.57	1.54	1.46	1.52	3.70	ppb
Molybdenum	96-1	1.68	1.82	1.75	1.75	4.01	ppb
Molybdenum	97-1	1.57	1.48	1.53	1.53	2.95	ppb
Molybdenum	98-1	1.36	1.50	1.44	1.44	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.24	39.14	44.03	41.47	5.92	ppb
Phosphorus	31-2	731.64	608.93	850.00	730.19	16.51	ppb
Potassium	39-2	802.18	727.96	834.82	788.32	6.95	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	66.42	76.91	72.55	71.96	7.32	ppb
Selenium	78-2	7.71	12.07	7.58	9.12	28.06	ppb
Selenium	82-1	1.02	0.26	0.46	0.58	67.68	ppb
Silicon	28-1	1318.23	1336.71	1123.47	1259.47	9.38	ppb
Silver	109-1	0.26	0.24	0.28	0.26	7.78	ppb
Silver	107-1	0.22	0.29	0.30	0.27	16.78	ppb
Sodium	23-2	202.92	171.37	235.00	203.10	15.66	ppb
Strontium	86-1	21.78	22.64	22.74	22.38	2.35	ppb
Strontium	88-1	23.01	23.25	23.43	23.23	0.91	ppb
Sulfur	34-1	-3446.14	-3520.20	-3556.86	-3507.73		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.26	0.28	0.30	0.28	7.04	ppb
Thallium	205-1	0.30	0.28	0.28	0.29	3.90	ppb
Tin	118-1	5.64	5.59	5.60	5.61	0.49	ppb
Titanium	47-1	248.36	250.23	245.22	247.94	1.02	ppb
Uranium	238-1	1.59	1.64	1.59	1.61	1.65	ppb
Vanadium	51-2	61.98	60.67	67.99	63.55	6.14	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	255.84	249.40	277.14	260.79	5.57	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-07	Instrumnet Name :	P8
Client Sample ID :	MC0AA7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:36:20	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.16	1.26	1.50	1.31	13.43	ppb
Zirconium	91-1	1.27	1.44	1.18	1.29	10.18	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-08	Instrumnet Name :	P8
Client Sample ID :	MC0AA8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:39:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16736.97	16120.41	17248.02	16701.80	3.38	ppb
Antimony	121-1	1.94	1.90	1.90	1.91	1.01	ppb
Arsenic	75-2	9.10	7.42	8.19	8.24	10.20	ppb
Barium	135-1	207.74	203.87	209.74	207.12	1.44	ppb
Barium	137-1	206.84	203.36	207.70	205.97	1.12	ppb
Beryllium	9-1	1.17	1.14	1.20	1.17	2.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	6.46	5.73	5.93	6.04	6.25	ppb
Boron	11-1	3.08	3.89	5.20	4.06	26.41	ppb
Cadmium	111-1	1.11	0.94	1.16	1.07	11.05	ppb
Cadmium	106-1	1.32	0.70	1.65	1.22	39.42	ppb
Cadmium	108-1	1.45	1.99	1.21	1.55	25.88	ppb
Calcium	43-1	4593.23	4607.02	4519.27	4573.17	1.03	ppb
Calcium	44-1	4541.74	4566.74	4572.53	4560.34	0.36	ppb
Chromium	52-2	44.28	42.78	44.84	43.96	2.42	ppb
Cobalt	59-2	19.00	18.80	19.46	19.08	1.77	ppb
Copper	63-2	117.78	114.31	120.34	117.47	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	30716.75	30278.11	32604.43	31199.76	3.96	ppb
Iron	57-2	30383.02	29408.68	31208.11	30333.27	2.97	ppb
Krypton	83-1						cps
Lead	206-1	174.47	178.05	178.81	177.11	1.31	ppb
Lead	207-1	159.33	163.23	163.27	161.94	1.40	ppb
Lead	208-1	169.42	173.66	173.31	172.13	1.37	ppb
Lithium	6-1				98		%
Magnesium	24-2	7018.08	6809.73	7118.33	6982.05	2.25	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-08	Instrumnet Name :	P8
Client Sample ID :	MC0AA8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:39:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	757.32	746.55	786.52	763.46	2.71	ppb
Molybdenum	94-1	3.43	3.58	3.35	3.45	3.38	ppb
Molybdenum	95-1	2.13	2.06	2.25	2.15	4.46	ppb
Molybdenum	96-1	2.46	2.40	2.38	2.42	1.61	ppb
Molybdenum	97-1	2.52	2.40	2.27	2.40	5.21	ppb
Molybdenum	98-1	2.25	2.18	2.31	2.25	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.99	34.54	35.39	34.64	2.04	ppb
Phosphorus	31-2	1022.57	908.91	633.81	855.09	23.38	ppb
Potassium	39-2	874.48	789.52	868.25	844.09	5.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	27.69	76.20	62.87	55.59	45.09	ppb
Selenium	78-2	9.49	4.04	11.68	8.40	46.84	ppb
Selenium	82-1	0.54	2.03	0.75	1.11	72.93	ppb
Silicon	28-1	2562.95	1775.19	2048.68	2128.94	18.79	ppb
Silver	109-1	0.30	0.31	0.31	0.31	2.56	ppb
Silver	107-1	0.31	0.30	0.34	0.32	5.85	ppb
Sodium	23-2	169.38	196.33	216.45	194.05	12.17	ppb
Strontium	86-1	25.14	25.14	24.76	25.01	0.88	ppb
Strontium	88-1	26.04	25.50	26.09	25.88	1.26	ppb
Sulfur	34-1	-3337.81	-3110.54	-3190.95	-3213.10		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.18	0.17	0.20	0.18	8.55	ppb
Thallium	205-1	0.19	0.16	0.19	0.18	8.69	ppb
Tin	118-1	6.90	6.61	7.01	6.84	3.01	ppb
Titanium	47-1	245.40	270.15	251.81	255.79	5.02	ppb
Uranium	238-1	1.55	1.67	1.71	1.64	5.23	ppb
Vanadium	51-2	60.67	60.40	63.41	61.49	2.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	256.23	258.10	269.08	261.14	2.66	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-08	Instrumnet Name :	P8
Client Sample ID :	MC0AA8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:39:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.09	1.27	1.36	1.24	11.07	ppb
Zirconium	91-1	1.21	1.31	1.21	1.24	4.66	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-09	Instrumnet Name :	P8
Client Sample ID :	MC0AA9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:43:00	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18844.57	17976.15	18401.46	18407.39	2.36	ppb
Antimony	121-1	0.79	0.81	0.82	0.81	1.90	ppb
Arsenic	75-2	8.53	7.99	8.30	8.27	3.27	ppb
Barium	135-1	178.90	182.46	181.64	181.00	1.03	ppb
Barium	137-1	180.41	182.18	181.86	181.48	0.52	ppb
Beryllium	9-1	1.29	1.19	1.64	1.37	16.93	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	3.79	3.78	3.55	3.71	3.64	ppb
Boron	11-1	5.00	5.19	4.51	4.90	7.13	ppb
Cadmium	111-1	0.82	0.79	0.76	0.79	3.31	ppb
Cadmium	106-1	0.34	0.50	1.39	0.74	75.76	ppb
Cadmium	108-1	0.88	0.67	0.92	0.82	16.06	ppb
Calcium	43-1	2386.13	2466.84	2452.25	2435.07	1.77	ppb
Calcium	44-1	2433.12	2479.84	2428.21	2447.05	1.16	ppb
Chromium	52-2	45.17	45.01	45.93	45.37	1.08	ppb
Cobalt	59-2	21.19	20.46	21.07	20.91	1.88	ppb
Copper	63-2	77.95	75.63	77.72	77.10	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	33097.48	32125.11	32570.64	32597.74	1.49	ppb
Iron	57-2	32066.87	31756.00	32319.21	32047.36	0.88	ppb
Krypton	83-1						cps
Lead	206-1	144.17	147.73	146.39	146.10	1.23	ppb
Lead	207-1	131.63	133.83	132.29	132.58	0.85	ppb
Lead	208-1	137.39	139.59	138.92	138.63	0.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	7058.93	7031.13	7139.03	7076.36	0.79	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-09	Instrumnet Name :	P8
Client Sample ID :	MC0AA9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:43:00	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	713.88	706.15	704.04	708.02	0.73	ppb
Molybdenum	94-1	3.68	4.09	4.36	4.04	8.45	ppb
Molybdenum	95-1	1.94	1.91	2.12	1.99	5.77	ppb
Molybdenum	96-1	2.09	2.51	2.32	2.31	9.13	ppb
Molybdenum	97-1	2.20	2.00	2.11	2.11	4.78	ppb
Molybdenum	98-1	1.92	1.98	2.06	1.98	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.21	34.83	36.46	35.17	3.30	ppb
Phosphorus	31-2	1601.23	1540.66	1425.38	1522.43	5.87	ppb
Potassium	39-2	1354.70	1344.68	1388.85	1362.74	1.70	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	38.32	60.56	99.45	66.11	46.80	ppb
Selenium	78-2	4.07	6.77	4.12	4.99	30.95	ppb
Selenium	82-1	0.80	0.92	0.58	0.77	22.88	ppb
Silicon	28-1	2407.08	2788.87	2400.64	2532.20	8.78	ppb
Silver	109-1	0.23	0.22	0.23	0.23	1.79	ppb
Silver	107-1	0.21	0.23	0.26	0.23	11.58	ppb
Sodium	23-2	200.00	214.18	186.45	200.21	6.93	ppb
Strontium	86-1	14.12	13.76	14.56	14.15	2.85	ppb
Strontium	88-1	14.80	15.61	14.87	15.09	2.98	ppb
Sulfur	34-1	-3938.70	-3699.14	-4020.13	-3885.99		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.21	0.23	0.20	0.21	8.30	ppb
Thallium	205-1	0.19	0.18	0.20	0.19	5.14	ppb
Tin	118-1	4.10	4.24	4.09	4.14	2.06	ppb
Titanium	47-1	291.72	283.12	274.02	282.95	3.13	ppb
Uranium	238-1	1.88	1.90	1.83	1.87	2.03	ppb
Vanadium	51-2	64.71	63.01	64.12	63.95	1.35	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	175.23	161.28	173.15	169.88	4.43	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-09	Instrumnet Name :	P8
Client Sample ID :	MC0AA9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:43:00	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.44	1.54	2.56	1.84	33.55	ppb
Zirconium	91-1	1.50	1.49	1.59	1.52	3.74	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10	Instrumnet Name :	P8
Client Sample ID :	MC0AB0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:46:19	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15707.31	15044.18	14663.84	15138.44	3.49	ppb
Antimony	121-1	2.73	2.71	2.71	2.72	0.40	ppb
Arsenic	75-2	48.96	45.71	47.87	47.51	3.49	ppb
Barium	135-1	491.32	491.07	481.11	487.84	1.19	ppb
Barium	137-1	492.69	496.21	489.86	492.92	0.64	ppb
Beryllium	9-1	1.65	1.35	1.65	1.55	11.19	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	5.69	6.12	6.83	6.21	9.27	ppb
Boron	11-1	5.26	5.11	5.58	5.32	4.58	ppb
Cadmium	111-1	2.20	2.26	2.16	2.21	2.24	ppb
Cadmium	106-1	2.49	2.13	3.49	2.70	26.03	ppb
Cadmium	108-1	2.00	2.20	2.89	2.36	19.77	ppb
Calcium	43-1	8029.03	7963.42	7878.86	7957.10	0.95	ppb
Calcium	44-1	8148.83	8194.28	8044.61	8129.24	0.94	ppb
Chromium	52-2	45.37	43.24	42.44	43.69	3.47	ppb
Cobalt	59-2	22.09	21.35	20.93	21.46	2.72	ppb
Copper	63-2	125.86	123.10	118.89	122.62	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	35250.32	34471.73	32782.68	34168.24	3.69	ppb
Iron	57-2	34327.38	33578.65	32755.45	33553.83	2.34	ppb
Krypton	83-1						cps
Lead	206-1	867.57	859.35	856.13	861.02	0.69	ppb
Lead	207-1	797.43	802.69	788.12	796.08	0.93	ppb
Lead	208-1	828.27	823.59	816.64	822.83	0.71	ppb
Lithium	6-1				98		%
Magnesium	24-2	3725.95	3488.27	3446.98	3553.73	4.24	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10	Instrumnet Name :	P8
Client Sample ID :	MC0AB0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:46:19	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1666.02	1629.98	1571.08	1622.36	2.95	ppb
Molybdenum	94-1	4.61	5.09	4.52	4.74	6.45	ppb
Molybdenum	95-1	2.40	2.35	2.42	2.39	1.41	ppb
Molybdenum	96-1	2.82	2.53	2.60	2.65	5.77	ppb
Molybdenum	97-1	2.31	2.55	2.55	2.47	5.63	ppb
Molybdenum	98-1	2.26	2.37	2.41	2.35	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.43	34.89	32.21	34.18	5.04	ppb
Phosphorus	31-2	3066.89	3019.38	2690.52	2925.59	7.01	ppb
Potassium	39-2	1423.57	1361.56	1392.91	1392.68	2.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	101.79	108.99	53.24	88.00	34.46	ppb
Selenium	78-2	9.73	13.72	10.81	11.42	18.08	ppb
Selenium	82-1	1.37	0.87	1.22	1.15	22.22	ppb
Silicon	28-1	1975.94	2646.43	1799.79	2140.72	20.87	ppb
Silver	109-1	0.75	0.76	0.75	0.75	0.43	ppb
Silver	107-1	0.73	0.77	0.78	0.76	3.60	ppb
Sodium	23-2	268.72	236.08	230.25	245.02	8.46	ppb
Strontium	86-1	74.22	75.24	76.20	75.22	1.32	ppb
Strontium	88-1	77.06	78.56	78.82	78.15	1.22	ppb
Sulfur	34-1	-3535.85	-3346.15	-3509.85	-3463.95		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.22	0.23	0.26	0.24	7.69	ppb
Thallium	205-1	0.27	0.27	0.24	0.26	6.66	ppb
Tin	118-1	32.25	32.73	32.64	32.54	0.79	ppb
Titanium	47-1	205.21	211.73	213.21	210.05	2.03	ppb
Uranium	238-1	1.49	1.51	1.45	1.48	2.03	ppb
Vanadium	51-2	65.46	63.01	61.99	63.49	2.81	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	851.21	811.63	804.12	822.32	3.08	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10	Instrumnet Name :	P8
Client Sample ID :	MC0AB0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:46:19	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.53	3.26	1.48	2.09	48.56	ppb
Zirconium	91-1	1.43	1.64	1.51	1.53	7.11	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-11	Instrumnet Name :	P8
Client Sample ID :	MC0AB0D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:49:38	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15361.16	16779.05	15925.97	16022.06	4.46	ppb
Antimony	121-1	3.07	3.02	3.09	3.06	1.01	ppb
Arsenic	75-2	48.49	48.29	46.85	47.87	1.87	ppb
Barium	135-1	515.98	506.86	523.85	515.57	1.65	ppb
Barium	137-1	521.67	505.26	524.23	517.05	1.99	ppb
Beryllium	9-1	2.07	1.90	1.99	1.98	4.21	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	5.22	4.96	3.57	4.58	19.32	ppb
Boron	11-1	5.33	5.62	5.76	5.57	3.96	ppb
Cadmium	111-1	2.23	1.94	2.10	2.09	6.85	ppb
Cadmium	106-1	2.60	1.53	1.62	1.92	30.87	ppb
Cadmium	108-1	2.62	2.37	2.53	2.51	5.16	ppb
Calcium	43-1	8473.10	8337.73	8591.25	8467.36	1.50	ppb
Calcium	44-1	8739.53	8756.45	8896.65	8797.54	0.98	ppb
Chromium	52-2	45.15	43.76	44.22	44.38	1.60	ppb
Cobalt	59-2	22.07	22.57	21.89	22.17	1.58	ppb
Copper	63-2	127.20	130.61	127.34	128.38	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	35005.76	35688.66	35001.76	35232.06	1.12	ppb
Iron	57-2	34365.92	35263.91	34277.75	34635.86	1.58	ppb
Krypton	83-1						cps
Lead	206-1	890.16	891.36	896.79	892.77	0.40	ppb
Lead	207-1	832.51	822.58	836.56	830.55	0.87	ppb
Lead	208-1	850.32	853.19	857.86	853.79	0.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	3756.99	3823.81	3749.15	3776.65	1.09	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-11	Instrumnet Name :	P8
Client Sample ID :	MC0AB0D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:49:38	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1642.84	1674.92	1644.38	1654.05	1.09	ppb
Molybdenum	94-1	7.44	4.23	4.16	5.27	35.52	ppb
Molybdenum	95-1	2.59	2.49	2.61	2.56	2.48	ppb
Molybdenum	96-1	2.64	2.72	2.81	2.72	3.18	ppb
Molybdenum	97-1	2.62	2.46	2.60	2.56	3.26	ppb
Molybdenum	98-1	2.67	2.45	2.33	2.48	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.98	36.49	35.10	35.86	1.95	ppb
Phosphorus	31-2	2514.17	2787.28	2803.23	2701.56	6.01	ppb
Potassium	39-2	1442.73	1420.91	1378.57	1414.07	2.31	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	48.49	124.60	80.84	84.64	45.13	ppb
Selenium	78-2	15.31	14.51	10.08	13.30	21.19	ppb
Selenium	82-1	1.37	1.93	1.29	1.53	22.85	ppb
Silicon	28-1	1763.47	2016.10	3726.01	2501.86	42.67	ppb
Silver	109-1	0.71	0.77	0.79	0.76	6.09	ppb
Silver	107-1	0.74	0.81	0.79	0.78	4.97	ppb
Sodium	23-2	243.64	247.47	234.90	242.00	2.66	ppb
Strontium	86-1	80.63	80.96	80.58	80.72	0.25	ppb
Strontium	88-1	86.75	85.70	84.84	85.76	1.12	ppb
Sulfur	34-1	-3496.18	-3458.97	-3486.72	-3480.62		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.25	0.23	0.23	0.23	5.69	ppb
Thallium	205-1	0.30	0.28	0.28	0.28	3.96	ppb
Tin	118-1	36.36	35.64	36.79	36.26	1.60	ppb
Titanium	47-1	226.60	245.53	234.90	235.68	4.03	ppb
Uranium	238-1	1.56	1.60	1.64	1.60	2.30	ppb
Vanadium	51-2	64.89	67.76	66.24	66.30	2.17	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	839.22	853.12	847.65	846.67	0.83	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-11	Instrumnet Name :	P8
Client Sample ID :	MC0AB0D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:49:38	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.42	1.67	1.40	1.50	9.89	ppb
Zirconium	91-1	1.77	1.92	1.30	1.66	19.39	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB0L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 15:52:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3498.90	3230.99	3197.22	3309.04	5.00	ppb
Antimony	121-1	0.57	0.57	0.64	0.59	6.66	ppb
Arsenic	75-2	10.58	10.40	9.94	10.31	3.22	ppb
Barium	135-1	103.58	107.59	106.12	105.76	1.92	ppb
Barium	137-1	106.46	106.91	107.25	106.87	0.37	ppb
Beryllium	9-1	0.54	0.34	0.32	0.40	29.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	3.44	2.06	0.55	2.02	71.69	ppb
Boron	11-1	1.45	1.72	2.17	1.78	20.18	ppb
Cadmium	111-1	0.50	0.42	0.42	0.45	9.47	ppb
Cadmium	106-1	1.05	-0.14	-0.49	0.14	570.00	ppb
Cadmium	108-1	0.51	0.38	0.78	0.56	36.75	ppb
Calcium	43-1	1640.58	1703.06	1782.06	1708.57	4.15	ppb
Calcium	44-1	1729.62	1710.51	1746.10	1728.74	1.03	ppb
Chromium	52-2	10.08	9.20	9.29	9.53	5.08	ppb
Cobalt	59-2	4.81	4.50	4.56	4.62	3.63	ppb
Copper	63-2	27.37	25.43	25.74	26.18	3.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	7864.92	7301.69	7209.73	7458.78	4.76	ppb
Iron	57-2	7542.69	6953.19	6855.41	7117.10	5.22	ppb
Krypton	83-1						cps
Lead	206-1	184.29	181.76	180.09	182.05	1.16	ppb
Lead	207-1	168.42	166.44	165.76	166.87	0.83	ppb
Lead	208-1	178.47	177.20	176.20	177.29	0.64	ppb
Lithium	6-1				94		%
Magnesium	24-2	805.51	729.04	728.13	754.23	5.89	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB0L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 15:52:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	366.85	338.81	339.91	348.52	4.56	ppb
Molybdenum	94-1	0.63	0.83	0.73	0.73	14.22	ppb
Molybdenum	95-1	0.49	0.39	0.48	0.46	12.30	ppb
Molybdenum	96-1	0.39	0.49	0.50	0.46	13.10	ppb
Molybdenum	97-1	0.52	0.56	0.57	0.55	4.17	ppb
Molybdenum	98-1	0.49	0.51	0.56	0.52	6.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.52	7.18	7.57	7.42	2.88	ppb
Phosphorus	31-2	554.64	318.19	494.69	455.84	26.97	ppb
Potassium	39-2	285.89	277.57	303.36	288.94	4.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	17.34	16.33	21.20	18.29	14.05	ppb
Selenium	78-2	1.57	-1.24	1.33	0.56	279.81	ppb
Selenium	82-1	0.60	-0.60	-0.83	-0.28		ppb
Silicon	28-1	323.31	369.93	436.77	376.67	15.14	ppb
Silver	109-1	0.19	0.21	0.20	0.20	6.79	ppb
Silver	107-1	0.18	0.18	0.17	0.18	4.14	ppb
Sodium	23-2	64.02	49.35	50.65	54.67	14.85	ppb
Strontium	86-1	16.46	17.01	17.66	17.04	3.52	ppb
Strontium	88-1	17.46	17.49	17.60	17.52	0.43	ppb
Sulfur	34-1	-4337.25	-4368.52	-4374.54	-4360.10		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.05	0.04	0.05	14.13	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	18.88	ppb
Tin	118-1	7.16	6.99	7.06	7.07	1.21	ppb
Titanium	47-1	44.07	45.42	42.94	44.14	2.81	ppb
Uranium	238-1	0.32	0.31	0.29	0.31	5.32	ppb
Vanadium	51-2	14.19	14.22	13.09	13.83	4.66	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	182.73	169.07	170.93	174.24	4.25	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB0L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 15:52:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.30	0.29	0.33	0.31	7.84	ppb
Zirconium	91-1	0.29	0.35	0.28	0.31	11.90	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB0S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:56:17	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14698.06	14848.68	14358.48	14635.08	1.72	ppb
Antimony	121-1	18.35	18.37	18.42	18.38	0.20	ppb
Arsenic	75-2	55.10	53.65	52.16	53.64	2.74	ppb
Barium	135-1	837.81	835.63	842.22	838.55	0.40	ppb
Barium	137-1	862.42	852.15	857.66	857.41	0.60	ppb
Beryllium	9-1	10.72	11.19	10.56	10.82	3.01	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	4.91	6.80	4.32	5.34	24.25	ppb
Boron	11-1	4.53	6.35	5.92	5.60	16.99	ppb
Cadmium	111-1	11.73	11.48	11.23	11.48	2.16	ppb
Cadmium	106-1	8.78	11.74	9.61	10.04	15.24	ppb
Cadmium	108-1	12.88	10.85	10.76	11.50	10.44	ppb
Calcium	43-1	7928.36	7696.63	7674.57	7766.52	1.81	ppb
Calcium	44-1	7952.53	7895.37	7970.67	7939.52	0.49	ppb
Chromium	52-2	78.32	78.59	76.59	77.83	1.39	ppb
Cobalt	59-2	123.93	123.38	120.29	122.54	1.60	ppb
Copper	63-2	183.79	184.94	177.78	182.17	2.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	34828.26	34801.80	34272.23	34634.10	0.91	ppb
Iron	57-2	34139.72	33858.44	33010.30	33669.49	1.75	ppb
Krypton	83-1						cps
Lead	206-1	828.48	811.59	816.24	818.77	1.07	ppb
Lead	207-1	763.53	758.98	746.20	756.24	1.19	ppb
Lead	208-1	789.40	775.01	779.81	781.41	0.94	ppb
Lithium	6-1				92		%
Magnesium	24-2	3388.62	3381.72	3261.85	3344.07	2.13	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB0S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:56:17	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1476.71	1458.21	1426.47	1453.79	1.75	ppb
Molybdenum	94-1	3.84	4.21	4.39	4.15	6.76	ppb
Molybdenum	95-1	2.48	2.32	2.40	2.40	3.20	ppb
Molybdenum	96-1	2.50	2.71	2.58	2.60	4.13	ppb
Molybdenum	97-1	2.35	2.43	2.69	2.49	7.25	ppb
Molybdenum	98-1	2.33	2.28	2.38	2.33	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.15	134.61	130.32	133.36	1.98	ppb
Phosphorus	31-2	3028.79	2849.74	2262.64	2713.72	14.77	ppb
Potassium	39-2	1332.38	1290.87	1279.50	1300.91	2.14	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	77-2	109.65	101.03	101.57	104.08	4.64	ppb
Selenium	78-2	41.24	33.13	19.48	31.29	35.15	ppb
Selenium	82-1	19.56	19.01	23.00	20.52	10.55	ppb
Silicon	28-1	2275.65	2131.62	1806.64	2071.30	11.60	ppb
Silver	109-1	10.08	10.31	10.30	10.23	1.25	ppb
Silver	107-1	10.05	10.07	9.95	10.02	0.65	ppb
Sodium	23-2	252.71	248.26	221.50	240.82	7.01	ppb
Strontium	86-1	74.12	74.25	74.03	74.13	0.15	ppb
Strontium	88-1	76.66	76.36	76.37	76.46	0.23	ppb
Sulfur	34-1	-3633.93	-3672.43	-3618.97	-3641.78		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	9.68	9.54	9.21	9.48	2.54	ppb
Thallium	205-1	9.61	9.33	9.39	9.44	1.52	ppb
Tin	118-1	107.80	107.81	107.70	107.77	0.06	ppb
Titanium	47-1	211.72	215.65	204.98	210.78	2.56	ppb
Uranium	238-1	1.44	1.43	1.47	1.45	1.41	ppb
Vanadium	51-2	158.86	163.81	157.73	160.13	2.02	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	948.15	932.05	905.73	928.64	2.31	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB0S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:56:17	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.36	1.52	1.53	1.47	6.63	ppb
Zirconium	91-1	1.40	1.33	1.57	1.43	8.45	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-13	Instrumnet Name :	P8
Client Sample ID :	MC0AB2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:59:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14484.75	14102.85	15113.24	14566.95	3.50	ppb
Antimony	121-1	1.63	1.66	1.78	1.69	4.82	ppb
Arsenic	75-2	14.06	14.75	15.02	14.61	3.40	ppb
Barium	135-1	286.99	287.44	300.08	291.50	2.55	ppb
Barium	137-1	289.38	288.65	300.68	292.90	2.30	ppb
Beryllium	9-1	1.85	2.20	2.00	2.02	8.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Boron	10-1	3.60	2.43	7.94	4.66	62.38	ppb
Boron	11-1	6.33	5.25	4.37	5.32	18.52	ppb
Cadmium	111-1	1.63	1.52	1.86	1.67	10.54	ppb
Cadmium	106-1	1.26	0.25	2.37	1.29	81.81	ppb
Cadmium	108-1	1.96	1.42	1.52	1.64	17.57	ppb
Calcium	43-1	7406.12	7319.17	7722.49	7482.60	2.84	ppb
Calcium	44-1	7629.71	7495.01	7872.51	7665.74	2.50	ppb
Chromium	52-2	35.09	35.32	36.60	35.67	2.27	ppb
Cobalt	59-2	30.16	29.28	31.28	30.24	3.32	ppb
Copper	63-2	110.05	108.58	115.07	111.24	3.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	47514.62	46995.47	48855.00	47788.36	2.01	ppb
Iron	57-2	46492.54	45670.52	47760.70	46641.25	2.26	ppb
Krypton	83-1						cps
Lead	206-1	391.66	393.63	400.19	395.16	1.13	ppb
Lead	207-1	345.34	349.97	353.99	349.76	1.24	ppb
Lead	208-1	370.73	372.96	381.44	375.05	1.51	ppb
Lithium	6-1				91		%
Magnesium	24-2	4444.29	4362.51	4604.56	4470.45	2.75	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-13	Instrumnet Name :	P8
Client Sample ID :	MC0AB2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:59:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2598.06	2549.91	2686.96	2611.64	2.66	ppb
Molybdenum	94-1	3.54	2.94	3.13	3.20	9.56	ppb
Molybdenum	95-1	1.66	1.49	1.71	1.62	7.14	ppb
Molybdenum	96-1	1.84	1.79	2.11	1.91	9.14	ppb
Molybdenum	97-1	1.66	1.68	1.84	1.72	5.68	ppb
Molybdenum	98-1	1.59	1.62	1.77	1.66	5.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.27	34.10	35.86	34.74	2.79	ppb
Phosphorus	31-2	2187.79	2463.64	2247.98	2299.80	6.31	ppb
Potassium	39-2	632.75	565.12	645.65	614.51	7.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	77-2	97.56	92.61	101.41	97.19	4.54	ppb
Selenium	78-2	12.85	11.22	9.10	11.06	17.03	ppb
Selenium	82-1	0.50	-0.07	0.77	0.40	107.12	ppb
Silicon	28-1	1240.30	1305.12	1369.20	1304.87	4.94	ppb
Silver	109-1	0.57	0.61	0.58	0.59	3.72	ppb
Silver	107-1	0.55	0.56	0.65	0.58	9.27	ppb
Sodium	23-2	170.44	133.57	169.08	157.70	13.26	ppb
Strontium	86-1	31.01	30.60	32.29	31.30	2.82	ppb
Strontium	88-1	32.05	31.97	32.93	32.32	1.65	ppb
Sulfur	34-1	-3790.50	-3663.51	-3444.66	-3632.89		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.21	0.22	0.23	0.22	4.74	ppb
Thallium	205-1	0.24	0.22	0.23	0.23	4.61	ppb
Tin	118-1	15.26	15.54	15.96	15.59	2.23	ppb
Titanium	47-1	198.30	211.33	188.52	199.38	5.74	ppb
Uranium	238-1	1.97	1.88	2.02	1.95	3.63	ppb
Vanadium	51-2	69.98	70.61	73.76	71.45	2.84	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	507.17	493.88	523.82	508.29	2.95	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-13	Instrumnet Name :	P8
Client Sample ID :	MC0AB2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:59:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.17	1.25	1.12	1.18	5.43	ppb
Zirconium	91-1	1.21	1.18	1.21	1.20	1.71	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-14	Instrumnet Name :	P8
Client Sample ID :	MC0AB3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:02:54	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13495.54	12992.83	13040.39	13176.25	2.11	ppb
Antimony	121-1	1.66	1.76	1.63	1.68	4.09	ppb
Arsenic	75-2	11.71	13.57	13.43	12.91	8.06	ppb
Barium	135-1	348.41	335.04	339.27	340.91	2.01	ppb
Barium	137-1	350.09	335.02	341.21	342.10	2.21	ppb
Beryllium	9-1	1.08	1.09	1.16	1.11	3.64	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	10.87	11.20	13.57	11.88	12.41	ppb
Boron	11-1	9.86	10.63	10.62	10.37	4.26	ppb
Cadmium	111-1	1.60	1.70	1.50	1.60	6.25	ppb
Cadmium	106-1	2.45	2.61	1.47	2.18	28.43	ppb
Cadmium	108-1	1.99	1.65	1.66	1.77	11.05	ppb
Calcium	43-1	14726.89	14480.78	14560.12	14589.26	0.86	ppb
Calcium	44-1	15118.21	14820.36	14939.24	14959.27	1.00	ppb
Chromium	52-2	43.05	42.29	41.97	42.43	1.31	ppb
Cobalt	59-2	18.51	18.39	18.48	18.46	0.32	ppb
Copper	63-2	99.20	98.74	97.44	98.46	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	32786.77	33158.73	32764.53	32903.34	0.67	ppb
Iron	57-2	32473.48	32304.48	32278.69	32352.22	0.33	ppb
Krypton	83-1						cps
Lead	206-1	423.39	421.87	420.11	421.79	0.39	ppb
Lead	207-1	393.94	388.99	387.64	390.19	0.85	ppb
Lead	208-1	409.93	406.51	404.59	407.01	0.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	4436.86	4401.07	4427.18	4421.70	0.42	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-14	Instrumnet Name :	P8
Client Sample ID :	MC0AB3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:02:54	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1212.65	1208.37	1186.51	1202.51	1.17	ppb
Molybdenum	94-1	3.08	2.86	2.86	2.94	4.37	ppb
Molybdenum	95-1	2.07	1.98	1.96	2.00	2.91	ppb
Molybdenum	96-1	2.21	2.14	2.22	2.19	1.99	ppb
Molybdenum	97-1	2.01	1.93	2.12	2.02	4.73	ppb
Molybdenum	98-1	2.17	2.10	2.07	2.11	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.37	26.52	25.30	25.73	2.66	ppb
Phosphorus	31-2	2524.87	2783.84	3013.69	2774.13	8.82	ppb
Potassium	39-2	2277.91	2364.86	2220.58	2287.78	3.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	77.43	101.86	83.19	87.49	14.60	ppb
Selenium	78-2	23.86	18.36	11.40	17.88	34.94	ppb
Selenium	82-1	1.03	0.02	0.55	0.53	93.74	ppb
Silicon	28-1	1257.97	1168.09	1445.77	1290.61	10.98	ppb
Silver	109-1	0.35	0.33	0.35	0.34	3.82	ppb
Silver	107-1	0.33	0.32	0.37	0.34	7.92	ppb
Sodium	23-2	229.85	255.94	249.34	245.04	5.53	ppb
Strontium	86-1	86.38	83.84	86.25	85.49	1.67	ppb
Strontium	88-1	91.22	89.49	91.78	90.83	1.32	ppb
Sulfur	34-1	-2749.33	-2728.98	-2689.81	-2722.71		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.25	0.24	0.25	0.25	2.86	ppb
Thallium	205-1	0.22	0.24	0.25	0.24	4.85	ppb
Tin	118-1	12.24	11.60	11.97	11.94	2.70	ppb
Titanium	47-1	324.47	318.44	331.99	324.97	2.09	ppb
Uranium	238-1	1.53	1.55	1.49	1.52	2.07	ppb
Vanadium	51-2	54.73	54.78	54.10	54.54	0.69	ppb
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	425.94	429.10	425.25	426.76	0.48	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-14	Instrumnet Name :	P8
Client Sample ID :	MC0AB3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:02:54	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.06	1.16	1.03	1.08	6.21	ppb
Zirconium	91-1	1.10	1.00	1.05	1.05	5.16	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-15	Instrumnet Name :	P8
Client Sample ID :	MC0AB5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:06:12	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13635.22	13262.07	14274.12	13723.80	3.73	ppb
Antimony	121-1	59.84	60.83	58.41	59.69	2.04	ppb
Arsenic	75-2	77.48	80.10	81.90	79.83	2.79	ppb
Barium	135-1	855.36	875.51	834.90	855.25	2.37	ppb
Barium	137-1	878.71	881.81	849.22	869.92	2.07	ppb
Beryllium	9-1	0.87	1.00	1.03	0.96	8.74	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	18.23	22.77	20.72	20.58	11.05	ppb
Boron	11-1	17.88	20.09	20.33	19.43	6.95	ppb
Cadmium	111-1	77.81	81.00	76.78	78.53	2.80	ppb
Cadmium	106-1	73.11	74.51	69.16	72.26	3.84	ppb
Cadmium	108-1	79.33	77.36	75.92	77.54	2.20	ppb
Calcium	43-1	10478.60	10409.76	10318.18	10402.18	0.77	ppb
Calcium	44-1	10517.35	10861.79	10432.87	10604.00	2.14	ppb
Chromium	52-2	351.17	349.21	366.52	355.63	2.66	ppb
Cobalt	59-2	56.91	57.43	59.11	57.82	1.98	ppb
Copper	63-2	3149.95	3182.25	3324.99	3219.06	2.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	335636.49	334659.55	349499.27	339931.77	2.44	ppb
Iron	57-2	329276.49	330172.03	337725.90	332391.48	1.40	ppb
Krypton	83-1						cps
Lead	206-1	6925.11	6988.86	6962.77	6958.92	0.46	ppb
Lead	207-1	6358.46	6373.71	6325.27	6352.48	0.39	ppb
Lead	208-1	6655.89	6689.64	6606.12	6650.55	0.63	ppb
Lithium	6-1				93		%
Magnesium	24-2	9198.17	9192.40	9607.82	9332.80	2.55	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-15	Instrumnet Name :	P8
Client Sample ID :	MC0AB5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:06:12	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2864.43	2842.77	2973.20	2893.46	2.42	ppb
Molybdenum	94-1	24.81	25.13	25.84	25.26	2.09	ppb
Molybdenum	95-1	27.61	28.90	28.82	28.44	2.55	ppb
Molybdenum	96-1	28.43	28.45	29.49	28.79	2.11	ppb
Molybdenum	97-1	27.57	28.06	28.55	28.06	1.74	ppb
Molybdenum	98-1	28.08	28.84	28.65	28.52	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.26	460.23	477.66	466.72	2.04	ppb
Phosphorus	31-2	1164.73	1296.78	1638.17	1366.56	17.88	ppb
Potassium	39-2	981.99	905.57	972.87	953.48	4.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	51.63	57.38	18.61	42.54	49.18	ppb
Selenium	78-2	11.72	5.26	7.62	8.20	39.85	ppb
Selenium	82-1	3.70	4.39	4.81	4.30	13.11	ppb
Silicon	28-1	3130.49	3144.95	2749.48	3008.31	7.45	ppb
Silver	109-1	16.36	16.67	16.25	16.43	1.32	ppb
Silver	107-1	16.71	16.97	16.13	16.60	2.59	ppb
Sodium	23-2	301.91	319.18	329.35	316.81	4.38	ppb
Strontium	86-1	71.99	74.72	73.55	73.42	1.87	ppb
Strontium	88-1	74.98	76.63	75.13	75.58	1.21	ppb
Sulfur	34-1	-363.65	-373.64	-551.12	-429.47		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.01	1.16	1.01	1.06	8.04	ppb
Thallium	205-1	1.06	1.06	1.10	1.07	2.25	ppb
Tin	118-1	192.80	195.49	187.39	191.89	2.15	ppb
Titanium	47-1	294.88	297.42	305.26	299.19	1.81	ppb
Uranium	238-1	1.41	1.43	1.45	1.43	1.41	ppb
Vanadium	51-2	122.48	121.14	125.55	123.06	1.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	7222.82	7223.42	7549.03	7331.76	2.57	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-15	Instrumnet Name :	P8
Client Sample ID :	MC0AB5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:06:12	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.82	3.05	3.02	2.96	4.17	ppb
Zirconium	91-1	2.95	2.88	2.81	2.88	2.58	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:09:29	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11980.60	12234.34	11701.31	11972.08	2.23	ppb
Antimony	121-1	263.13	265.73	274.68	267.85	2.26	ppb
Arsenic	75-2	69.92	75.46	72.06	72.48	3.85	ppb
Barium	135-1	872.89	875.36	890.38	879.54	1.08	ppb
Barium	137-1	892.58	899.56	915.79	902.64	1.32	ppb
Beryllium	9-1	1.01	1.04	1.15	1.07	6.80	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	10-1	12.70	11.68	9.34	11.24	15.30	ppb
Boron	11-1	13.40	12.10	12.01	12.50	6.25	ppb
Cadmium	111-1	59.43	60.72	61.33	60.49	1.60	ppb
Cadmium	106-1	55.29	56.31	53.74	55.11	2.34	ppb
Cadmium	108-1	61.34	59.60	61.34	60.76	1.65	ppb
Calcium	43-1	4763.15	4796.61	4935.88	4831.88	1.90	ppb
Calcium	44-1	4799.22	4787.94	4924.55	4837.23	1.57	ppb
Chromium	52-2	232.45	243.44	230.21	235.36	3.01	ppb
Cobalt	59-2	49.58	50.81	48.87	49.76	1.97	ppb
Copper	63-2	3385.42	3521.70	3295.20	3400.77	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	247487.51	261357.81	248874.59	252573.30	3.02	ppb
Iron	57-2	253192.01	260069.84	247568.94	253610.26	2.47	ppb
Krypton	83-1						cps
Lead	206-1	6470.59	6442.92	6510.05	6474.52	0.52	ppb
Lead	207-1	5852.14	5795.72	5894.46	5847.44	0.85	ppb
Lead	208-1	6154.63	6127.02	6180.70	6154.12	0.44	ppb
Lithium	6-1				94		%
Magnesium	24-2	5777.80	6023.66	5736.35	5845.94	2.66	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:09:29	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2467.92	2611.74	2466.06	2515.24	3.32	ppb
Molybdenum	94-1	20.57	20.74	21.53	20.95	2.45	ppb
Molybdenum	95-1	23.20	23.01	23.58	23.26	1.24	ppb
Molybdenum	96-1	23.26	23.04	23.14	23.14	0.47	ppb
Molybdenum	97-1	22.48	22.72	23.47	22.89	2.25	ppb
Molybdenum	98-1	22.72	23.31	22.72	22.92	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	330.68	347.72	329.27	335.89	3.06	ppb
Phosphorus	31-2	1434.33	1356.53	1452.02	1414.29	3.59	ppb
Potassium	39-2	720.97	822.54	765.70	769.73	6.61	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	77-2	28.94	25.12	40.84	31.64	25.92	ppb
Selenium	78-2	5.29	10.73	8.17	8.06	33.73	ppb
Selenium	82-1	5.25	3.69	5.89	4.94	22.91	ppb
Silicon	28-1	2380.70	2206.18	2557.23	2381.37	7.37	ppb
Silver	109-1	8.07	7.84	7.97	7.96	1.42	ppb
Silver	107-1	7.81	7.83	8.16	7.93	2.51	ppb
Sodium	23-2	225.18	253.22	198.62	225.68	12.10	ppb
Strontium	86-1	41.71	40.81	42.43	41.65	1.95	ppb
Strontium	88-1	42.74	42.51	43.18	42.81	0.80	ppb
Sulfur	34-1	-659.33	-751.81	-667.04	-692.72		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.65	0.62	0.62	0.63	2.82	ppb
Thallium	205-1	0.65	0.63	0.66	0.65	2.23	ppb
Tin	118-1	1074.80	1061.51	1096.25	1077.52	1.63	ppb
Titanium	47-1	280.17	279.25	279.50	279.64	0.17	ppb
Uranium	238-1	1.22	1.25	1.28	1.25	2.61	ppb
Vanadium	51-2	96.46	101.35	96.16	97.99	2.97	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	6684.48	6955.15	6644.78	6761.47	2.50	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:09:29	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.91	2.90	2.93	2.91	0.49	ppb
Zirconium	91-1	2.71	2.97	3.17	2.95	7.88	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:12:44	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15138.95	15189.56	14798.78	15042.43	1.41	ppb
Antimony	121-1	26.37	25.99	25.48	25.95	1.73	ppb
Arsenic	75-2	51.17	49.98	49.96	50.37	1.38	ppb
Barium	135-1	940.24	904.92	909.50	918.22	2.09	ppb
Barium	137-1	962.32	933.98	934.62	943.64	1.71	ppb
Beryllium	9-1	1.68	1.64	1.25	1.52	15.44	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	16.09	14.65	14.76	15.17	5.28	ppb
Boron	11-1	16.00	16.44	16.68	16.37	2.13	ppb
Cadmium	111-1	13.40	12.40	12.37	12.72	4.60	ppb
Cadmium	106-1	17.04	14.31	11.59	14.31	19.06	ppb
Cadmium	108-1	13.00	14.21	13.30	13.50	4.67	ppb
Calcium	43-1	10086.46	9800.77	9851.57	9912.93	1.54	ppb
Calcium	44-1	10425.69	10000.64	10050.37	10158.90	2.29	ppb
Chromium	52-2	147.74	147.06	146.60	147.14	0.39	ppb
Cobalt	59-2	50.10	50.38	48.99	49.82	1.47	ppb
Copper	63-2	1045.82	1046.20	1036.62	1042.88	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	233306.16	236102.03	232950.82	234119.67	0.74	ppb
Iron	57-2	235654.10	235934.75	231336.08	234308.31	1.10	ppb
Krypton	83-1						cps
Lead	206-1	3673.64	3472.06	3417.38	3521.03	3.83	ppb
Lead	207-1	3300.42	3140.66	3130.89	3190.65	2.98	ppb
Lead	208-1	3465.16	3297.80	3264.31	3342.42	3.22	ppb
Lithium	6-1				95		%
Magnesium	24-2	6427.39	6279.22	6333.62	6346.74	1.18	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:12:44	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1988.53	2022.43	1971.81	1994.26	1.29	ppb
Molybdenum	94-1	27.72	26.72	26.72	27.06	2.14	ppb
Molybdenum	95-1	28.23	28.30	28.02	28.18	0.52	ppb
Molybdenum	96-1	29.27	27.75	27.82	28.28	3.04	ppb
Molybdenum	97-1	28.26	27.62	27.85	27.91	1.16	ppb
Molybdenum	98-1	28.94	28.13	28.37	28.48	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	146.40	145.73	144.66	145.60	0.60	ppb
Phosphorus	31-2	1084.95	1292.16	972.17	1116.43	14.54	ppb
Potassium	39-2	925.47	863.90	872.70	887.36	3.75	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	56.89	51.99	68.95	59.28	14.73	ppb
Selenium	78-2	13.44	9.94	11.75	11.71	14.94	ppb
Selenium	82-1	1.54	1.83	3.37	2.25	43.91	ppb
Silicon	28-1	5302.86	2436.34	2615.90	3451.70	46.52	ppb
Silver	109-1	1.53	1.58	1.52	1.54	2.28	ppb
Silver	107-1	1.65	1.55	1.59	1.60	2.92	ppb
Sodium	23-2	299.03	310.62	297.78	302.48	2.34	ppb
Strontium	86-1	66.56	64.79	63.65	65.00	2.26	ppb
Strontium	88-1	67.41	65.25	66.04	66.23	1.65	ppb
Sulfur	34-1	-1184.57	-1502.39	-1488.78	-1391.91		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.79	0.76	0.77	0.77	2.17	ppb
Thallium	205-1	0.83	0.82	0.79	0.81	2.51	ppb
Tin	118-1	145.28	141.69	141.69	142.89	1.45	ppb
Titanium	47-1	348.59	333.15	339.51	340.42	2.28	ppb
Uranium	238-1	2.02	1.96	1.92	1.97	2.70	ppb
Vanadium	51-2	61.19	59.94	60.20	60.44	1.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	6121.11	6180.45	6038.03	6113.20	1.17	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:12:44	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.73	4.50	4.71	4.65	2.71	ppb
Zirconium	91-1	5.01	6.56	4.54	5.37	19.65	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P8
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:16:00	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47758.95	48887.47	48165.32	48270.58	1.18	ppb
Antimony	121-1	482.52	481.51	497.84	487.29	1.88	ppb
Arsenic	75-2	497.20	500.72	493.23	497.05	0.75	ppb
Barium	135-1	2463.69	2453.85	2539.63	2485.72	1.89	ppb
Barium	137-1	2468.02	2457.14	2499.94	2475.03	0.90	ppb
Beryllium	9-1	492.82	497.69	488.82	493.11	0.90	ppb
Bismuth	209-1				109		%
Bismuth	209-2				113		%
Boron	10-1	471.48	490.23	464.75	475.48	2.78	ppb
Boron	11-1	464.79	476.19	483.00	474.66	1.94	ppb
Cadmium	111-1	471.61	467.42	479.83	472.95	1.33	ppb
Cadmium	106-1	475.88	465.67	485.74	475.77	2.11	ppb
Cadmium	108-1	476.03	473.20	482.11	477.11	0.95	ppb
Calcium	43-1	245228.12	239500.60	240566.56	241765.09	1.26	ppb
Calcium	44-1	240411.57	238213.70	238735.02	239120.10	0.48	ppb
Chromium	52-2	519.74	525.30	524.27	523.10	0.57	ppb
Cobalt	59-2	494.14	500.33	501.86	498.78	0.82	ppb
Copper	63-2	985.77	1006.01	997.87	996.55	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	124872.39	127025.40	126968.46	126288.75	0.97	ppb
Iron	57-2	125658.15	127643.89	127826.97	127043.00	0.95	ppb
Krypton	83-1						cps
Lead	206-1	511.32	507.18	499.75	506.08	1.16	ppb
Lead	207-1	508.27	501.31	491.20	500.26	1.72	ppb
Lead	208-1	506.47	501.57	494.00	500.68	1.26	ppb
Lithium	6-1				108		%
Magnesium	24-2	245527.40	249901.27	246790.09	247406.25	0.91	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P8
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:16:00	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.87	999.20	999.39	994.49	0.84	ppb
Molybdenum	94-1	2490.43	2508.13	2510.01	2502.85	0.43	ppb
Molybdenum	95-1	2461.88	2501.65	2476.02	2479.85	0.81	ppb
Molybdenum	96-1	2507.28	2484.92	2504.12	2498.78	0.48	ppb
Molybdenum	97-1	2474.82	2471.84	2500.69	2482.45	0.64	ppb
Molybdenum	98-1	2475.69	2490.79	2470.24	2478.91	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.35	514.36	512.01	510.57	0.92	ppb
Phosphorus	31-2	9022.80	9150.66	8985.94	9053.13	0.95	ppb
Potassium	39-2	121526.19	123091.06	122240.33	122285.86	0.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	501.04	542.73	488.96	510.91	5.52	ppb
Selenium	78-2	475.03	473.67	483.77	477.49	1.15	ppb
Selenium	82-1	485.00	488.50	482.55	485.35	0.62	ppb
Silicon	28-1	557.18	546.52	554.06	552.59	0.99	ppb
Silver	109-1	491.31	475.14	495.62	487.36	2.22	ppb
Silver	107-1	481.64	472.25	495.02	482.97	2.37	ppb
Sodium	23-2	247428.80	254573.02	251042.96	251014.93	1.42	ppb
Strontium	86-1	495.93	489.31	492.80	492.68	0.67	ppb
Strontium	88-1	515.94	507.21	510.01	511.05	0.87	ppb
Sulfur	34-1	9697.73	8906.29	8989.51	9197.84	4.73	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	503.61	505.82	504.32	504.58	0.22	ppb
Thallium	205-1	505.83	503.59	499.89	503.10	0.60	ppb
Tin	118-1	490.89	490.39	504.13	495.14	1.57	ppb
Titanium	47-1	2564.44	2480.77	2483.67	2509.62	1.89	ppb
Uranium	238-1	509.45	509.44	509.26	509.38	0.02	ppb
Vanadium	51-2	508.10	513.78	516.22	512.70	0.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	969.85	983.65	986.43	979.97	0.91	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P8
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:16:00	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.36	502.36	493.22	499.65	1.12	ppb
Zirconium	91-1	490.28	488.05	487.43	488.59	0.31	ppb

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : CCB086 Instrumnet Name : P8
 Client Sample ID : CCB086 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 16:19:10 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.14	-3.85	1.27	1.85	325.28	ppb
Antimony	121-1	1.21	1.04	1.01	1.09	9.72	ppb
Arsenic	75-2	-0.08	-0.12	-0.04	-0.08		ppb
Barium	135-1	0.08	0.11	0.03	0.08	49.31	ppb
Barium	137-1	0.11	0.08	0.04	0.08	49.80	ppb
Beryllium	9-1	0.05	0.07	0.11	0.08	37.56	ppb
Bismuth	209-1				110		%
Bismuth	209-2				116		%
Boron	10-1	14.84	14.68	12.56	14.03	9.06	ppb
Boron	11-1	13.06	12.23	11.43	12.24	6.67	ppb
Cadmium	111-1	0.06	0.00	0.01	0.02	135.73	ppb
Cadmium	106-1	-0.01	-0.64	-0.51	-0.39		ppb
Cadmium	108-1	0.12	0.06	-0.01	0.06	123.59	ppb
Calcium	43-1	1.62	3.08	3.46	2.72	35.57	ppb
Calcium	44-1	9.38	6.02	5.18	6.86	32.43	ppb
Chromium	52-2	-0.07	0.00	0.00	-0.03		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.12	0.12	0.07	0.10	27.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	4.89	4.58	3.62	4.36	15.26	ppb
Iron	57-2	5.29	4.82	3.00	4.37	27.60	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.26	0.26	0.27	6.62	ppb
Lead	207-1	0.29	0.28	0.24	0.27	8.12	ppb
Lead	208-1	0.28	0.26	0.26	0.27	4.29	ppb
Lithium	6-1				102		%
Magnesium	24-2	6.51	1.52	2.92	3.65	70.51	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB086	Instrumnet Name :	P8
Client Sample ID :	CCB086	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:19:10	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	0.05	-0.03	-0.03		ppb
Molybdenum	94-1	0.78	0.71	0.59	0.69	14.36	ppb
Molybdenum	95-1	0.88	0.76	0.64	0.76	15.99	ppb
Molybdenum	96-1	0.78	0.71	0.57	0.69	15.36	ppb
Molybdenum	97-1	0.84	0.77	0.56	0.72	20.00	ppb
Molybdenum	98-1	0.83	0.75	0.59	0.72	16.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.02	-0.05	-0.04		ppb
Phosphorus	31-2	17.32	17.28	-8.05	8.85	165.40	ppb
Potassium	39-2	24.70	25.10	5.73	18.51	59.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	-5.50	-5.50	-5.50	-5.50		ppb
Selenium	78-2	-1.22	-2.12	-0.35	-1.23		ppb
Selenium	82-1	-1.01	0.43	-0.79	-0.46		ppb
Silicon	28-1	71.85	-4.87	-1.73	21.75	199.62	ppb
Silver	109-1	0.07	0.06	0.05	0.06	14.67	ppb
Silver	107-1	0.07	0.08	0.06	0.07	12.10	ppb
Sodium	23-2	41.49	37.84	42.03	40.45	5.63	ppb
Strontium	86-1	0.01	-0.04	-0.05	-0.03		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	31.66	ppb
Sulfur	34-1	-1404.05	-1380.39	-886.08	-1223.50		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.12	0.13	0.09	0.11	20.61	ppb
Thallium	205-1	0.12	0.11	0.10	0.11	12.43	ppb
Tin	118-1	0.22	0.20	0.24	0.22	8.39	ppb
Titanium	47-1	0.30	0.18	-0.02	0.15	103.70	ppb
Uranium	238-1	0.02	0.01	0.00	0.01	89.46	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	65.87	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.13	0.32	0.05	0.17	81.40	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB086	Instrumnet Name :	P8
Client Sample ID :	CCB086	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:19:10	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.11	0.12	0.12	17.81	ppb
Zirconium	91-1	0.17	0.11	0.13	0.13	21.77	ppb

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : PB109427BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 16:22:31 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	9.66	3.11	4.09	125.62	ppb
Antimony	121-1	0.32	0.27	0.25	0.28	13.03	ppb
Arsenic	75-2	-0.16	-0.14	-0.04	-0.12		ppb
Barium	135-1	-0.02	-0.02	-0.03	-0.02		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.02	0.01	-0.03	0.00	1578.91	ppb
Bismuth	209-1				109		%
Bismuth	209-2				113		%
Boron	10-1	5.76	4.34	3.86	4.65	21.19	ppb
Boron	11-1	3.74	4.67	4.42	4.28	11.24	ppb
Cadmium	111-1	0.05	-0.04	-0.04	-0.01		ppb
Cadmium	106-1	0.54	-0.57	-0.66	-0.23		ppb
Cadmium	108-1	-0.05	0.02	-0.01	-0.01		ppb
Calcium	43-1	1.68	-0.51	-8.79	-2.54		ppb
Calcium	44-1	-2.17	-2.38	-3.28	-2.61		ppb
Chromium	52-2	0.05	0.00	-0.02	0.01	362.67	ppb
Cobalt	59-2	-0.01	-0.03	-0.03	-0.02		ppb
Copper	63-2	0.05	0.03	0.04	0.04	26.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	1.84	1.51	1.72	1.69	9.65	ppb
Iron	57-2	2.02	2.92	-0.51	1.48	120.54	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.18	0.17	0.19	8.81	ppb
Lead	207-1	0.19	0.21	0.18	0.20	9.52	ppb
Lead	208-1	0.20	0.19	0.18	0.19	3.45	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.05	4.23	3.46	2.91	56.85	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109427BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:22:31	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.08	0.11	-0.09	-0.02		ppb
Molybdenum	94-1	0.16	0.13	0.14	0.14	8.67	ppb
Molybdenum	95-1	0.13	0.09	0.04	0.09	46.88	ppb
Molybdenum	96-1	0.13	0.10	0.05	0.09	47.97	ppb
Molybdenum	97-1	0.19	0.14	0.17	0.17	14.23	ppb
Molybdenum	98-1	0.13	0.09	0.11	0.11	16.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	0.04	-0.04	-0.02		ppb
Phosphorus	31-2	-8.05	-8.05	-8.05	-8.05		ppb
Potassium	39-2	6.50	3.89	9.87	6.75	44.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	-5.50	-5.50	0.10	-3.63		ppb
Selenium	78-2	-1.23	-1.23	-2.12	-1.52		ppb
Selenium	82-1	-0.46	-0.29	-0.65	-0.47		ppb
Silicon	28-1	-7.18	-6.49	-9.57	-7.74		ppb
Silver	109-1	0.03	0.01	0.03	0.02	40.11	ppb
Silver	107-1	0.03	0.03	0.02	0.03	22.21	ppb
Sodium	23-2	11.82	15.27	22.36	16.48	32.61	ppb
Strontium	86-1	0.02	-0.01	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1451.56	-1350.37	-1457.12	-1419.68		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.03	0.02	0.03	38.28	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.33	ppb
Tin	118-1	0.01	0.07	0.03	0.04	79.83	ppb
Titanium	47-1	0.01	0.02	0.02	0.01	50.62	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	0.02	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.05	0.05	-0.02	0.02	166.71	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109427BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:22:31	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.05	0.04	21.08	ppb
Zirconium	91-1	0.04	0.06	0.04	0.05	32.22	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109427BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:25:51	DataFile Name :	047LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.28	40.60	47.40	48.09	16.34	ppb
Antimony	121-1	3.98	3.83	3.97	3.93	2.22	ppb
Arsenic	75-2	1.85	1.69	1.94	1.83	6.99	ppb
Barium	135-1	17.92	18.74	19.09	18.59	3.23	ppb
Barium	137-1	19.25	18.56	18.91	18.91	1.82	ppb
Beryllium	9-1	2.09	1.99	1.70	1.93	10.36	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Boron	10-1	50.55	49.93	49.70	50.06	0.88	ppb
Boron	11-1	46.18	50.31	49.50	48.66	4.50	ppb
Cadmium	111-1	1.84	1.94	1.95	1.91	3.04	ppb
Cadmium	106-1	1.41	1.73	1.92	1.69	15.16	ppb
Cadmium	108-1	1.92	2.19	1.61	1.91	15.00	ppb
Calcium	43-1	842.96	929.10	901.17	891.08	4.93	ppb
Calcium	44-1	899.66	926.54	897.96	908.05	1.77	ppb
Chromium	52-2	4.57	4.03	4.07	4.22	7.08	ppb
Cobalt	59-2	2.07	1.98	2.01	2.02	2.16	ppb
Copper	63-2	4.21	4.00	3.99	4.07	3.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	393.50	375.28	379.06	382.62	2.51	ppb
Iron	57-2	374.40	376.67	362.40	371.16	2.07	ppb
Krypton	83-1						cps
Lead	206-1	1.98	2.07	2.06	2.04	2.33	ppb
Lead	207-1	1.87	2.06	1.98	1.97	4.69	ppb
Lead	208-1	1.97	2.05	2.02	2.01	1.97	ppb
Lithium	6-1				93		%
Magnesium	24-2	1005.07	943.40	986.68	978.38	3.24	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109427BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:25:51	DataFile Name :	047LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.07	2.26	1.88	2.07	9.19	ppb
Molybdenum	94-1	9.88	9.56	9.81	9.75	1.71	ppb
Molybdenum	95-1	9.35	9.21	9.33	9.30	0.81	ppb
Molybdenum	96-1	9.49	9.39	9.24	9.38	1.36	ppb
Molybdenum	97-1	8.92	9.38	9.21	9.17	2.58	ppb
Molybdenum	98-1	9.38	9.43	9.13	9.31	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.34	2.16	2.11	2.20	5.62	ppb
Phosphorus	31-2	-8.05	-8.05	17.25	0.38	3821.64	ppb
Potassium	39-2	1078.46	992.14	1032.84	1034.48	4.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	23.41	0.04	0.00	7.82	172.73	ppb
Selenium	78-2	1.62	8.62	7.67	5.97	63.64	ppb
Selenium	82-1	9.18	10.43	9.67	9.76	6.44	ppb
Silicon	28-1	21.19	22.76	18.82	20.92	9.50	ppb
Silver	109-1	1.95	1.96	1.96	1.96	0.32	ppb
Silver	107-1	1.97	1.99	1.99	1.98	0.47	ppb
Sodium	23-2	1043.53	998.40	988.66	1010.19	2.90	ppb
Strontium	86-1	1.78	2.00	1.77	1.85	7.00	ppb
Strontium	88-1	1.98	2.03	1.93	1.98	2.53	ppb
Sulfur	34-1	-1441.20	-1200.11	-1828.90	-1490.07		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.85	1.92	1.93	1.90	2.40	ppb
Thallium	205-1	1.94	1.93	1.97	1.95	1.23	ppb
Tin	118-1	9.60	9.53	9.72	9.62	1.02	ppb
Titanium	47-1	9.36	9.53	9.44	9.44	0.88	ppb
Uranium	238-1	1.75	1.81	1.84	1.80	2.49	ppb
Vanadium	51-2	9.69	9.69	9.16	9.51	3.20	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	4.68	4.01	5.21	4.64	13.04	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109427BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:25:51	DataFile Name :	047LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.09	2.08	2.05	2.07	0.99	ppb
Zirconium	91-1	1.96	2.08	2.07	2.04	3.29	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-09	Instrumnet Name :	P8
Client Sample ID :	MC0AC3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:29:12	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.83	1.85	5.28	4.65	54.75	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	1.85	ppb
Arsenic	75-2	-0.14	-0.12	-0.14	-0.13		ppb
Barium	135-1	0.39	0.35	0.46	0.40	13.51	ppb
Barium	137-1	0.43	0.39	0.36	0.39	9.80	ppb
Beryllium	9-1	-0.02	0.01	-0.01	-0.01		ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	4.89	3.83	2.57	3.76	30.75	ppb
Boron	11-1	3.07	3.12	3.00	3.07	1.91	ppb
Cadmium	111-1	-0.07	0.00	-0.06	-0.04		ppb
Cadmium	106-1	-1.15	-0.34	-1.14	-0.87		ppb
Cadmium	108-1	-0.02	-0.01	0.02	0.00		ppb
Calcium	43-1	5.84	7.31	11.23	8.13	34.27	ppb
Calcium	44-1	4.12	3.50	5.60	4.41	24.48	ppb
Chromium	52-2	0.39	0.49	0.43	0.44	12.14	ppb
Cobalt	59-2	-0.04	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.32	0.41	0.38	0.37	11.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	2.48	3.46	3.19	3.04	16.62	ppb
Iron	57-2	3.34	3.38	4.50	3.74	17.75	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.25	0.25	0.28	17.44	ppb
Lead	207-1	0.28	0.23	0.24	0.25	11.47	ppb
Lead	208-1	0.29	0.24	0.25	0.26	10.09	ppb
Lithium	6-1				88		%
Magnesium	24-2	-0.02	3.93	-1.01	0.97	270.54	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-09	Instrumnet Name :	P8
Client Sample ID :	MC0AC3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:29:12	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	0.09	0.09	0.05	149.59	ppb
Molybdenum	94-1	-0.04	-0.01	-0.04	-0.03		ppb
Molybdenum	95-1	-0.04	-0.04	-0.02	-0.03		ppb
Molybdenum	96-1	-0.03	-0.03	-0.05	-0.04		ppb
Molybdenum	97-1	0.03	0.07	0.06	0.05	42.25	ppb
Molybdenum	98-1	-0.03	-0.04	-0.04	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.06	0.02	0.04	38.54	ppb
Phosphorus	31-2	-8.05	-8.05	-8.05	-8.05		ppb
Potassium	39-2	41.65	39.92	35.70	39.09	7.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	0.12	-5.50	0.30	-1.69		ppb
Selenium	78-2	-1.21	-2.12	-1.18	-1.50		ppb
Selenium	82-1	-0.11	-0.44	-1.30	-0.62		ppb
Silicon	28-1	-20.17	-21.04	-18.62	-19.94		ppb
Silver	109-1	0.12	0.12	0.14	0.12	8.75	ppb
Silver	107-1	0.11	0.12	0.12	0.12	4.31	ppb
Sodium	23-2	111.44	123.81	112.59	115.95	5.90	ppb
Strontium	86-1	-0.10	-0.05	-0.01	-0.05		ppb
Strontium	88-1	0.03	0.04	0.03	0.03	8.38	ppb
Sulfur	34-1	-2622.12	-2682.85	-2574.83	-2626.60		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.06	0.05	0.07	34.19	ppb
Thallium	205-1	0.10	0.06	0.05	0.07	32.51	ppb
Tin	118-1	0.03	0.00	0.05	0.03	84.70	ppb
Titanium	47-1	-0.07	0.09	0.01	0.01	828.70	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	109.23	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	5.36	6.13	6.54	6.01	9.97	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-09	Instrumnet Name :	P8
Client Sample ID :	MC0AC3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:29:12	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	-0.01	0.00	299.29	ppb
Zirconium	91-1	-0.01	0.01	0.03	0.01	181.03	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:32:33	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13390.03	13126.10	13328.39	13281.51	1.04	ppb
Antimony	121-1	2.25	2.19	2.31	2.25	2.74	ppb
Arsenic	75-2	17.81	18.65	18.25	18.24	2.32	ppb
Barium	135-1	388.37	377.93	378.46	381.58	1.54	ppb
Barium	137-1	387.25	379.38	380.66	382.43	1.10	ppb
Beryllium	9-1	1.88	1.77	1.89	1.85	3.63	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	5.98	8.14	5.94	6.69	18.83	ppb
Boron	11-1	7.47	6.31	7.52	7.10	9.61	ppb
Cadmium	111-1	2.93	3.03	3.02	2.99	1.90	ppb
Cadmium	106-1	4.09	1.91	4.06	3.35	37.17	ppb
Cadmium	108-1	3.29	3.18	3.01	3.16	4.46	ppb
Calcium	43-1	6391.24	6577.96	6356.75	6441.98	1.85	ppb
Calcium	44-1	6679.41	6688.37	6603.05	6656.94	0.70	ppb
Chromium	52-2	44.84	44.21	45.29	44.78	1.21	ppb
Cobalt	59-2	26.18	26.27	25.91	26.12	0.73	ppb
Copper	63-2	112.70	111.28	113.35	112.45	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	41464.05	40673.28	41057.07	41064.80	0.96	ppb
Iron	57-2	40481.20	40323.27	40463.38	40422.62	0.21	ppb
Krypton	83-1						cps
Lead	206-1	755.07	746.75	759.71	753.85	0.87	ppb
Lead	207-1	703.04	704.20	708.79	705.34	0.43	ppb
Lead	208-1	722.77	718.61	727.37	722.92	0.61	ppb
Lithium	6-1				87		%
Magnesium	24-2	3274.22	3375.19	3377.14	3342.18	1.76	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:32:33	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1717.67	1721.00	1726.73	1721.80	0.27	ppb
Molybdenum	94-1	3.68	17.03	3.33	8.01	97.47	ppb
Molybdenum	95-1	2.55	2.69	2.62	2.62	2.66	ppb
Molybdenum	96-1	2.95	3.02	2.84	2.94	3.09	ppb
Molybdenum	97-1	2.73	2.57	2.68	2.66	3.11	ppb
Molybdenum	98-1	2.67	2.60	2.66	2.64	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.06	33.57	34.33	33.98	1.14	ppb
Phosphorus	31-2	2837.19	3686.13	3619.00	3380.77	13.96	ppb
Potassium	39-2	1583.11	1617.88	1663.93	1621.64	2.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	77-2	78.25	90.71	44.83	71.27	33.29	ppb
Selenium	78-2	11.40	11.59	4.20	9.06	46.47	ppb
Selenium	82-1	0.76	0.96	0.46	0.73	34.45	ppb
Silicon	28-1	5487.26	1593.46	1375.42	2818.71	82.08	ppb
Silver	109-1	0.67	0.67	0.70	0.68	2.55	ppb
Silver	107-1	0.67	0.64	0.67	0.66	3.11	ppb
Sodium	23-2	234.34	225.20	246.96	235.50	4.64	ppb
Strontium	86-1	43.97	44.82	43.89	44.23	1.16	ppb
Strontium	88-1	45.00	45.73	45.01	45.25	0.93	ppb
Sulfur	34-1	-1932.31	-1796.48	-2148.91	-1959.23		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.35	0.29	0.31	0.31	9.85	ppb
Thallium	205-1	0.30	0.29	0.31	0.30	2.18	ppb
Tin	118-1	22.07	21.34	21.68	21.70	1.69	ppb
Titanium	47-1	157.98	154.64	163.64	158.76	2.87	ppb
Uranium	238-1	2.06	2.05	2.05	2.05	0.31	ppb
Vanadium	51-2	66.11	64.81	65.96	65.63	1.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	806.90	793.82	811.47	804.06	1.14	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:32:33	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.25	1.82	1.10	1.39	27.22	ppb
Zirconium	91-1	1.06	1.94	1.07	1.36	37.18	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:35:52	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13838.29	13840.73	13276.12	13651.71	2.38	ppb
Antimony	121-1	2.27	2.32	2.34	2.31	1.51	ppb
Arsenic	75-2	19.49	19.13	19.10	19.24	1.14	ppb
Barium	135-1	382.15	389.97	406.06	392.72	3.10	ppb
Barium	137-1	386.62	395.90	409.15	397.22	2.85	ppb
Beryllium	9-1	2.03	1.85	2.03	1.97	5.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	10-1	3.22	5.15	7.41	5.26	39.86	ppb
Boron	11-1	6.04	6.36	5.97	6.13	3.37	ppb
Cadmium	111-1	2.75	2.78	3.02	2.85	5.32	ppb
Cadmium	106-1	2.34	2.94	4.53	3.27	34.59	ppb
Cadmium	108-1	3.34	3.36	3.58	3.43	3.79	ppb
Calcium	43-1	6585.70	6690.79	6773.60	6683.36	1.41	ppb
Calcium	44-1	6702.89	6841.01	6826.40	6790.10	1.12	ppb
Chromium	52-2	44.77	45.05	44.11	44.64	1.08	ppb
Cobalt	59-2	26.39	26.86	26.23	26.49	1.25	ppb
Copper	63-2	111.96	115.72	114.18	113.95	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	40615.24	41522.43	40712.15	40949.94	1.22	ppb
Iron	57-2	40163.94	41149.33	39983.20	40432.16	1.55	ppb
Krypton	83-1						cps
Lead	206-1	776.49	785.31	811.56	791.12	2.31	ppb
Lead	207-1	714.89	724.61	753.89	731.13	2.78	ppb
Lead	208-1	737.67	746.36	784.14	756.05	3.27	ppb
Lithium	6-1				88		%
Magnesium	24-2	3388.62	3441.99	3355.78	3395.46	1.28	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:35:52	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1704.34	1742.26	1704.01	1716.87	1.28	ppb
Molybdenum	94-1	3.28	3.53	3.76	3.52	6.86	ppb
Molybdenum	95-1	2.24	2.47	2.62	2.45	7.92	ppb
Molybdenum	96-1	2.71	2.52	2.67	2.63	3.96	ppb
Molybdenum	97-1	2.42	2.57	2.62	2.54	4.11	ppb
Molybdenum	98-1	2.52	2.41	2.67	2.53	5.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.29	35.16	35.69	34.71	3.63	ppb
Phosphorus	31-2	3065.13	2948.41	3111.22	3041.59	2.76	ppb
Potassium	39-2	1614.93	1741.22	1657.36	1671.17	3.85	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	77-2	50.29	39.25	33.21	40.92	21.17	ppb
Selenium	78-2	11.39	9.62	6.81	9.27	24.91	ppb
Selenium	82-1	1.16	1.02	0.71	0.96	23.93	ppb
Silicon	28-1	1701.35	1394.17	2051.32	1715.61	19.17	ppb
Silver	109-1	0.71	0.68	0.71	0.70	1.98	ppb
Silver	107-1	0.64	0.67	0.73	0.68	7.42	ppb
Sodium	23-2	197.63	230.59	205.72	211.31	8.13	ppb
Strontium	86-1	44.47	45.44	47.08	45.66	2.89	ppb
Strontium	88-1	45.99	46.70	48.29	46.99	2.51	ppb
Sulfur	34-1	-2364.39	-2309.40	-2105.27	-2259.69		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.30	0.29	0.31	0.30	3.34	ppb
Thallium	205-1	0.29	0.27	0.29	0.28	3.20	ppb
Tin	118-1	22.42	22.34	23.61	22.79	3.12	ppb
Titanium	47-1	160.37	161.21	200.05	173.88	13.04	ppb
Uranium	238-1	2.07	2.09	2.15	2.10	2.15	ppb
Vanadium	51-2	64.73	64.37	64.05	64.39	0.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	801.12	823.53	798.13	807.59	1.72	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:35:52	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.11	1.05	1.19	1.12	6.44	ppb
Zirconium	91-1	1.10	1.05	1.02	1.05	3.72	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 16:39:11	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2770.84	2763.75	2840.03	2791.54	1.51	ppb
Antimony	121-1	0.45	0.50	0.54	0.50	9.13	ppb
Arsenic	75-2	4.01	4.52	4.68	4.40	8.00	ppb
Barium	135-1	78.82	81.29	79.51	79.87	1.60	ppb
Barium	137-1	79.76	80.87	81.20	80.61	0.93	ppb
Beryllium	9-1	0.34	0.58	0.37	0.43	30.24	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	1.98	1.55	1.96	1.83	13.43	ppb
Boron	11-1	2.82	2.71	2.18	2.57	13.37	ppb
Cadmium	111-1	0.58	0.48	0.55	0.54	8.94	ppb
Cadmium	106-1	-0.21	-0.29	-0.13	-0.21		ppb
Cadmium	108-1	0.69	0.96	0.66	0.77	20.86	ppb
Calcium	43-1	1371.59	1368.98	1291.21	1343.93	3.40	ppb
Calcium	44-1	1371.54	1359.35	1342.15	1357.68	1.09	ppb
Chromium	52-2	9.35	9.11	9.91	9.46	4.34	ppb
Cobalt	59-2	5.36	5.32	5.79	5.49	4.79	ppb
Copper	63-2	23.42	22.93	24.69	23.68	3.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	8597.10	8497.83	9065.81	8720.25	3.48	ppb
Iron	57-2	8360.87	8255.44	8739.24	8451.85	3.01	ppb
Krypton	83-1						cps
Lead	206-1	152.45	154.14	154.19	153.59	0.65	ppb
Lead	207-1	138.81	142.68	141.09	140.86	1.38	ppb
Lead	208-1	145.14	150.40	146.38	147.31	1.87	ppb
Lithium	6-1				91		%
Magnesium	24-2	698.93	711.32	741.10	717.12	3.02	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 16:39:11	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	357.09	356.69	376.26	363.35	3.08	ppb
Molybdenum	94-1	0.74	0.75	0.73	0.74	1.43	ppb
Molybdenum	95-1	0.56	0.52	0.49	0.52	6.54	ppb
Molybdenum	96-1	0.62	0.62	0.67	0.64	5.21	ppb
Molybdenum	97-1	0.66	0.59	0.50	0.58	13.28	ppb
Molybdenum	98-1	0.51	0.51	0.47	0.50	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.24	7.34	7.86	7.48	4.46	ppb
Phosphorus	31-2	453.71	552.76	478.60	495.02	10.41	ppb
Potassium	39-2	320.76	374.20	358.70	351.22	7.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	5.55	-5.50	6.05	2.03	321.22	ppb
Selenium	78-2	-1.23	1.47	2.54	0.93	209.07	ppb
Selenium	82-1	0.33	0.32	0.09	0.25	54.44	ppb
Silicon	28-1	446.49	311.17	275.66	344.44	26.17	ppb
Silver	109-1	0.14	0.18	0.16	0.16	12.23	ppb
Silver	107-1	0.17	0.14	0.15	0.15	9.72	ppb
Sodium	23-2	48.19	35.45	61.09	48.24	26.58	ppb
Strontium	86-1	9.74	9.50	9.14	9.46	3.15	ppb
Strontium	88-1	9.76	9.91	9.74	9.80	0.93	ppb
Sulfur	34-1	-2889.70	-2916.64	-2914.03	-2906.79		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.04	0.04	0.04	11.08	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	21.15	ppb
Tin	118-1	4.45	4.53	4.50	4.50	0.86	ppb
Titanium	47-1	31.54	35.08	30.38	32.33	7.58	ppb
Uranium	238-1	0.41	0.42	0.44	0.42	3.13	ppb
Vanadium	51-2	13.83	13.50	14.05	13.79	2.00	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	167.02	164.21	179.44	170.22	4.76	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 16:39:11	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.18	0.31	0.23	32.50	ppb
Zirconium	91-1	0.17	0.18	0.29	0.21	29.49	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:42:31	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13922.17	14069.66	13777.09	13922.97	1.05	ppb
Antimony	121-1	16.89	17.28	17.42	17.20	1.59	ppb
Arsenic	75-2	25.03	24.98	25.99	25.33	2.25	ppb
Barium	135-1	805.36	823.99	826.98	818.78	1.43	ppb
Barium	137-1	829.63	846.80	840.93	839.12	1.04	ppb
Beryllium	9-1	11.96	12.34	11.93	12.08	1.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Boron	10-1	5.12	6.15	6.23	5.84	10.68	ppb
Boron	11-1	5.76	6.51	6.09	6.12	6.19	ppb
Cadmium	111-1	12.02	12.62	12.62	12.42	2.76	ppb
Cadmium	106-1	10.04	10.57	10.82	10.47	3.80	ppb
Cadmium	108-1	11.10	12.37	10.90	11.45	6.95	ppb
Calcium	43-1	7369.97	7662.58	7670.87	7567.81	2.26	ppb
Calcium	44-1	7649.93	7805.81	7655.72	7703.82	1.15	ppb
Chromium	52-2	87.61	81.84	80.84	83.43	4.38	ppb
Cobalt	59-2	129.28	130.43	127.54	129.08	1.13	ppb
Copper	63-2	163.46	162.37	162.83	162.89	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	40288.99	40660.90	39903.21	40284.37	0.94	ppb
Iron	57-2	39133.16	40239.85	39210.17	39527.73	1.56	ppb
Krypton	83-1						cps
Lead	206-1	794.57	824.72	824.27	814.52	2.12	ppb
Lead	207-1	745.78	767.08	779.25	764.04	2.22	ppb
Lead	208-1	766.32	793.96	798.14	786.14	2.20	ppb
Lithium	6-1				90		%
Magnesium	24-2	3487.94	3506.14	3442.09	3478.72	0.95	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:42:31	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2178.26	2177.00	2167.68	2174.31	0.27	ppb
Molybdenum	94-1	4.09	3.80	4.05	3.98	3.99	ppb
Molybdenum	95-1	2.70	2.62	2.40	2.57	6.04	ppb
Molybdenum	96-1	2.67	2.59	2.76	2.67	3.13	ppb
Molybdenum	97-1	2.51	2.58	2.49	2.53	2.01	ppb
Molybdenum	98-1	2.43	2.46	2.42	2.44	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.18	139.08	137.91	138.39	0.44	ppb
Phosphorus	31-2	3319.73	3779.53	3314.89	3471.39	7.69	ppb
Potassium	39-2	1616.16	1566.55	1600.68	1594.46	1.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	77-2	109.86	70.60	65.25	81.90	29.74	ppb
Selenium	78-2	37.78	32.09	33.02	34.30	8.89	ppb
Selenium	82-1	20.13	22.10	20.43	20.89	5.08	ppb
Silicon	28-1	1744.70	2451.43	1838.93	2011.69	19.08	ppb
Silver	109-1	9.93	10.33	10.34	10.20	2.32	ppb
Silver	107-1	9.93	10.33	10.34	10.20	2.29	ppb
Sodium	23-2	182.49	199.82	184.39	188.90	5.03	ppb
Strontium	86-1	46.77	47.00	47.59	47.12	0.90	ppb
Strontium	88-1	47.70	48.80	48.76	48.42	1.29	ppb
Sulfur	34-1	-2461.94	-2060.23	-2476.03	-2332.73		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	9.41	9.57	9.74	9.57	1.69	ppb
Thallium	205-1	9.45	9.76	9.97	9.73	2.65	ppb
Tin	118-1	23.10	23.77	23.96	23.61	1.91	ppb
Titanium	47-1	184.02	198.53	192.53	191.69	3.80	ppb
Uranium	238-1	2.06	2.19	2.14	2.13	3.11	ppb
Vanadium	51-2	157.89	158.54	159.56	158.66	0.53	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	891.54	909.89	895.07	898.83	1.08	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:42:31	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.49	1.27	1.45	1.40	8.15	ppb
Zirconium	91-1	1.35	1.30	1.34	1.33	2.16	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:45:49	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17574.43	18445.45	17569.90	17863.26	2.82	ppb
Antimony	121-1	73.73	72.65	79.39	75.26	4.81	ppb
Arsenic	75-2	80.93	85.92	82.21	83.02	3.12	ppb
Barium	135-1	843.50	837.34	843.23	841.35	0.41	ppb
Barium	137-1	866.74	856.10	876.11	866.32	1.16	ppb
Beryllium	9-1	1.54	1.38	1.16	1.36	13.94	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	10-1	33.76	36.73	43.94	38.14	13.71	ppb
Boron	11-1	41.36	39.00	41.18	40.51	3.25	ppb
Cadmium	111-1	219.39	213.64	215.70	216.24	1.35	ppb
Cadmium	106-1	195.74	196.36	196.19	196.09	0.16	ppb
Cadmium	108-1	210.02	209.82	204.95	208.26	1.38	ppb
Calcium	43-1	12801.20	12484.05	12855.85	12713.70	1.58	ppb
Calcium	44-1	13119.68	12910.53	12956.15	12995.45	0.85	ppb
Chromium	52-2	3394.22	3635.69	3389.99	3473.30	4.05	ppb
Cobalt	59-2	168.17	180.57	168.68	172.47	4.07	ppb
Copper	63-2	15694.35	16954.57	15852.03	16166.98	4.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	252276.69	274062.42	258273.37	261537.49	4.30	ppb
Iron	57-2	255549.51	270798.01	254496.31	260281.28	3.51	ppb
Krypton	83-1						cps
Lead	206-1	8000.26	7935.48	8173.97	8036.57	1.53	ppb
Lead	207-1	7234.08	7230.34	7356.49	7273.64	0.99	ppb
Lead	208-1	7571.00	7604.99	7739.09	7638.36	1.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	7111.05	7744.91	7203.84	7353.27	4.66	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:45:49	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3347.27	3612.34	3355.74	3438.45	4.38	ppb
Molybdenum	94-1	66.95	68.69	66.68	67.44	1.62	ppb
Molybdenum	95-1	84.67	83.78	85.46	84.64	0.99	ppb
Molybdenum	96-1	82.89	81.58	83.34	82.61	1.11	ppb
Molybdenum	97-1	82.48	82.38	82.70	82.52	0.20	ppb
Molybdenum	98-1	84.05	84.47	85.12	84.55	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2932.30	3174.39	2963.66	3023.45	4.35	ppb
Phosphorus	31-2	1221.80	1455.49	1368.93	1348.74	8.76	ppb
Potassium	39-2	617.29	724.45	701.09	680.94	8.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	11.36	60.37	23.15	31.63	80.88	ppb
Selenium	78-2	8.77	10.44	13.60	10.94	22.42	ppb
Selenium	82-1	5.51	6.47	5.19	5.72	11.66	ppb
Silicon	28-1	3726.58	3489.00	3707.88	3641.16	3.63	ppb
Silver	109-1	14.37	13.92	14.00	14.10	1.70	ppb
Silver	107-1	14.36	14.11	14.17	14.21	0.90	ppb
Sodium	23-2	320.77	336.65	331.69	329.70	2.46	ppb
Strontium	86-1	63.35	63.66	64.50	63.84	0.93	ppb
Strontium	88-1	64.65	65.25	65.64	65.18	0.76	ppb
Sulfur	34-1	-770.89	-953.98	-929.93	-884.93		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.45	0.48	0.46	0.46	3.57	ppb
Thallium	205-1	0.44	0.43	0.48	0.45	5.66	ppb
Tin	118-1	641.07	625.99	646.89	637.98	1.69	ppb
Titanium	47-1	396.35	348.43	369.10	371.29	6.47	ppb
Uranium	238-1	1.75	1.69	1.78	1.74	2.36	ppb
Vanadium	51-2	85.34	88.77	85.63	86.58	2.19	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	9664.43	10445.82	9774.08	9961.44	4.25	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:45:49	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.41	4.88	4.96	5.09	5.63	ppb
Zirconium	91-1	4.78	4.69	5.05	4.84	3.82	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:49:04	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16066.26	17154.78	16103.41	16441.49	3.76	ppb
Antimony	121-1	4.38	4.14	4.22	4.25	2.93	ppb
Arsenic	75-2	8.57	10.46	8.68	9.24	11.47	ppb
Barium	135-1	246.08	230.44	230.22	235.58	3.86	ppb
Barium	137-1	242.65	230.82	227.87	233.78	3.35	ppb
Beryllium	9-1	1.18	1.26	1.56	1.33	15.05	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Boron	10-1	3.51	3.45	2.15	3.04	25.26	ppb
Boron	11-1	3.91	4.64	4.52	4.36	8.98	ppb
Cadmium	111-1	2.05	2.16	2.02	2.08	3.45	ppb
Cadmium	106-1	3.67	2.00	2.10	2.59	36.19	ppb
Cadmium	108-1	2.84	2.08	2.20	2.37	17.04	ppb
Calcium	43-1	5067.58	4929.34	4982.98	4993.30	1.40	ppb
Calcium	44-1	5071.60	4918.86	4938.66	4976.37	1.67	ppb
Chromium	52-2	43.40	46.22	43.41	44.34	3.67	ppb
Cobalt	59-2	20.55	22.03	20.90	21.16	3.64	ppb
Copper	63-2	144.62	151.87	145.27	147.25	2.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	40190.62	41767.99	39685.18	40547.93	2.68	ppb
Iron	57-2	39082.50	40581.92	39208.91	39624.44	2.10	ppb
Krypton	83-1						cps
Lead	206-1	241.86	231.86	231.68	235.13	2.48	ppb
Lead	207-1	216.93	209.69	208.64	211.75	2.13	ppb
Lead	208-1	233.80	224.53	224.26	227.53	2.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	6699.03	6956.57	6631.31	6762.30	2.54	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:49:04	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	792.37	823.49	787.79	801.22	2.42	ppb
Molybdenum	94-1	3.04	3.10	2.97	3.04	2.09	ppb
Molybdenum	95-1	1.56	1.53	1.54	1.54	0.85	ppb
Molybdenum	96-1	1.68	1.65	1.98	1.77	10.28	ppb
Molybdenum	97-1	1.70	1.43	1.49	1.54	9.18	ppb
Molybdenum	98-1	1.55	1.54	1.57	1.55	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.62	46.02	44.69	44.11	5.11	ppb
Phosphorus	31-2	640.76	676.02	760.30	692.36	8.87	ppb
Potassium	39-2	695.51	779.50	635.34	703.45	10.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	73.55	47.18	34.32	51.68	38.69	ppb
Selenium	78-2	4.26	6.39	9.82	6.82	41.11	ppb
Selenium	82-1	0.16	-0.12	0.22	0.08	220.16	ppb
Silicon	28-1	1361.09	1871.88	1446.89	1559.96	17.53	ppb
Silver	109-1	0.26	0.29	0.27	0.27	5.03	ppb
Silver	107-1	0.26	0.23	0.23	0.24	7.20	ppb
Sodium	23-2	155.97	167.40	161.74	161.71	3.53	ppb
Strontium	86-1	28.75	29.68	28.15	28.86	2.68	ppb
Strontium	88-1	29.85	29.20	28.87	29.31	1.69	ppb
Sulfur	34-1	-2132.86	-2633.75	-2724.70	-2497.10		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.20	0.20	0.19	0.20	2.58	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	0.33	ppb
Tin	118-1	8.02	7.96	7.81	7.93	1.40	ppb
Titanium	47-1	255.74	245.07	251.60	250.80	2.15	ppb
Uranium	238-1	1.75	1.71	1.69	1.72	1.68	ppb
Vanadium	51-2	60.32	62.79	60.73	61.28	2.16	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	472.58	498.93	479.97	483.83	2.81	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:49:04	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.23	1.33	1.16	1.24	6.88	ppb
Zirconium	91-1	1.32	1.22	1.44	1.33	8.10	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:52:23	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16136.10	15968.00	15820.28	15974.79	0.99	ppb
Antimony	121-1	25.53	25.06	26.80	25.80	3.49	ppb
Arsenic	75-2	40.35	42.20	40.79	41.11	2.36	ppb
Barium	135-1	323.88	324.79	330.20	326.29	1.05	ppb
Barium	137-1	326.40	324.15	328.45	326.33	0.66	ppb
Beryllium	9-1	1.38	1.58	1.41	1.45	7.35	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	9.13	5.04	7.20	7.12	28.73	ppb
Boron	11-1	6.19	7.02	7.83	7.01	11.73	ppb
Cadmium	111-1	7.47	7.47	7.31	7.42	1.23	ppb
Cadmium	106-1	6.88	7.83	6.06	6.92	12.76	ppb
Cadmium	108-1	6.94	7.25	7.53	7.24	4.08	ppb
Calcium	43-1	7497.01	7262.68	7522.65	7427.44	1.93	ppb
Calcium	44-1	7725.38	7597.17	7611.77	7644.77	0.92	ppb
Chromium	52-2	112.92	112.74	113.46	113.04	0.33	ppb
Cobalt	59-2	48.38	48.76	48.43	48.53	0.43	ppb
Copper	63-2	652.20	654.44	654.32	653.65	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	162695.81	163048.22	162183.85	162642.62	0.27	ppb
Iron	57-2	162687.38	162980.24	162385.47	162684.36	0.18	ppb
Krypton	83-1						cps
Lead	206-1	1396.45	1362.95	1420.15	1393.18	2.06	ppb
Lead	207-1	1299.10	1249.79	1321.82	1290.24	2.85	ppb
Lead	208-1	1344.94	1304.75	1369.61	1339.77	2.44	ppb
Lithium	6-1				94		%
Magnesium	24-2	10143.15	10313.39	10099.07	10185.20	1.11	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:52:23	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2065.85	2075.29	2086.71	2075.95	0.50	ppb
Molybdenum	94-1	11.76	11.27	11.54	11.52	2.14	ppb
Molybdenum	95-1	9.82	9.76	9.77	9.78	0.30	ppb
Molybdenum	96-1	10.23	10.02	10.29	10.18	1.36	ppb
Molybdenum	97-1	9.88	9.48	9.80	9.72	2.19	ppb
Molybdenum	98-1	10.13	9.76	10.24	10.05	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	179.48	179.59	180.81	179.96	0.41	ppb
Phosphorus	31-2	880.62	1137.56	1052.64	1023.61	12.79	ppb
Potassium	39-2	861.96	853.47	893.89	869.78	2.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	77-2	33.50	95.52	22.43	50.48	78.03	ppb
Selenium	78-2	14.97	8.75	11.41	11.71	26.66	ppb
Selenium	82-1	1.91	0.54	1.36	1.27	54.20	ppb
Silicon	28-1	1540.21	1723.04	3497.03	2253.42	47.97	ppb
Silver	109-1	0.91	0.87	0.89	0.89	2.50	ppb
Silver	107-1	0.91	0.92	0.92	0.92	0.81	ppb
Sodium	23-2	219.03	207.99	207.33	211.45	3.11	ppb
Strontium	86-1	49.20	48.35	50.82	49.46	2.54	ppb
Strontium	88-1	51.79	50.62	51.56	51.32	1.21	ppb
Sulfur	34-1	-2036.60	-2310.05	-1749.85	-2032.17		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.89	0.92	0.90	0.90	1.86	ppb
Thallium	205-1	0.87	0.81	0.96	0.88	8.50	ppb
Tin	118-1	45.12	44.13	45.70	44.98	1.76	ppb
Titanium	47-1	336.05	338.80	342.62	339.15	0.97	ppb
Uranium	238-1	1.73	1.71	1.74	1.73	0.84	ppb
Vanadium	51-2	71.62	72.63	72.77	72.34	0.86	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	1907.88	1936.04	1912.50	1918.81	0.79	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:52:23	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.95	3.60	3.75	3.44	12.35	ppb
Zirconium	91-1	3.00	2.84	3.09	2.98	4.25	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:55:52	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32239.29	33092.84	32220.07	32517.40	1.53	ppb
Antimony	121-1	63.50	64.56	62.95	63.67	1.29	ppb
Arsenic	75-2	63.74	61.16	61.35	62.08	2.32	ppb
Barium	135-1	741.21	747.62	740.02	742.95	0.55	ppb
Barium	137-1	757.46	764.58	767.14	763.06	0.66	ppb
Beryllium	9-1	1.55	1.63	1.73	1.64	5.50	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	33.14	39.19	32.30	34.88	10.77	ppb
Boron	11-1	31.39	32.66	34.38	32.81	4.58	ppb
Cadmium	111-1	46.38	46.91	46.11	46.47	0.87	ppb
Cadmium	106-1	47.21	45.54	44.93	45.89	2.58	ppb
Cadmium	108-1	46.23	48.80	47.70	47.58	2.71	ppb
Calcium	43-1	52490.51	53276.35	52819.26	52862.04	0.75	ppb
Calcium	44-1	53786.03	53507.22	54021.87	53771.71	0.48	ppb
Chromium	52-2	516.60	526.86	513.23	518.90	1.37	ppb
Cobalt	59-2	90.59	92.13	89.60	90.77	1.41	ppb
Copper	63-2	14256.98	14473.81	14317.67	14349.49	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	56-2	290632.05	297939.62	289050.02	292540.56	1.62	ppb
Iron	57-2	290045.02	295804.97	287076.63	290975.54	1.53	ppb
Krypton	83-1						cps
Lead	206-1	4918.15	4979.55	4919.84	4939.18	0.71	ppb
Lead	207-1	4503.13	4614.00	4545.10	4554.08	1.23	ppb
Lead	208-1	4715.58	4801.85	4727.80	4748.41	0.98	ppb
Lithium	6-1				93		%
Magnesium	24-2	11362.77	11603.59	11160.44	11375.60	1.95	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:55:52	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4267.53	4412.17	4296.34	4325.35	1.77	ppb
Molybdenum	94-1	68.71	70.48	67.53	68.91	2.16	ppb
Molybdenum	95-1	55.65	55.03	55.57	55.42	0.61	ppb
Molybdenum	96-1	57.21	58.19	56.93	57.45	1.15	ppb
Molybdenum	97-1	54.06	54.61	53.99	54.22	0.63	ppb
Molybdenum	98-1	55.05	55.63	55.41	55.36	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	790.19	808.62	791.88	796.90	1.28	ppb
Phosphorus	31-2	1133.57	1897.54	1219.33	1416.82	29.54	ppb
Potassium	39-2	1010.81	1031.18	1033.84	1025.28	1.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	76.61	71.19	81.10	76.30	6.50	ppb
Selenium	78-2	6.40	10.26	2.54	6.40	60.27	ppb
Selenium	82-1	2.04	1.35	2.76	2.05	34.39	ppb
Silicon	28-1	8010.40	8252.05	8173.63	8145.36	1.51	ppb
Silver	109-1	10.78	11.42	11.14	11.11	2.87	ppb
Silver	107-1	11.09	11.04	10.81	10.98	1.38	ppb
Sodium	23-2	510.85	521.25	514.19	515.43	1.03	ppb
Strontium	86-1	187.21	192.46	187.70	189.12	1.53	ppb
Strontium	88-1	198.51	198.94	197.83	198.42	0.28	ppb
Sulfur	34-1	-733.73	-601.39	-386.60	-573.90		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.52	0.49	0.57	0.53	6.99	ppb
Thallium	205-1	0.50	0.51	0.53	0.51	3.30	ppb
Tin	118-1	698.75	698.62	698.30	698.56	0.03	ppb
Titanium	47-1	860.52	861.29	868.34	863.38	0.50	ppb
Uranium	238-1	2.25	2.29	2.19	2.24	2.17	ppb
Vanadium	51-2	91.56	94.34	92.58	92.83	1.51	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	6170.95	6365.38	6173.88	6236.73	1.79	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:55:52	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	18.93	18.94	18.27	18.71	2.05	ppb
Zirconium	91-1	19.73	19.78	19.22	19.58	1.60	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:59:06	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14238.27	14606.92	14254.39	14366.53	1.45	ppb
Antimony	121-1	116.41	115.90	112.04	114.78	2.08	ppb
Arsenic	75-2	79.37	77.55	75.23	77.38	2.68	ppb
Barium	135-1	864.90	855.20	837.48	852.53	1.63	ppb
Barium	137-1	889.27	877.71	876.53	881.17	0.80	ppb
Beryllium	9-1	1.53	1.26	1.42	1.40	9.68	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Boron	10-1	44.52	51.91	51.92	49.45	8.63	ppb
Boron	11-1	48.61	45.44	47.27	47.11	3.37	ppb
Cadmium	111-1	40.88	41.57	40.84	41.10	1.00	ppb
Cadmium	106-1	38.84	40.92	36.90	38.88	5.17	ppb
Cadmium	108-1	43.53	41.32	42.16	42.34	2.64	ppb
Calcium	43-1	7430.50	7375.95	7275.85	7360.77	1.07	ppb
Calcium	44-1	7658.97	7528.37	7501.37	7562.91	1.11	ppb
Chromium	52-2	291.99	293.13	295.66	293.59	0.64	ppb
Cobalt	59-2	55.51	55.56	57.09	56.06	1.60	ppb
Copper	63-2	4550.31	4534.37	4593.25	4559.31	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	248178.63	253592.01	253552.37	251774.34	1.24	ppb
Iron	57-2	251308.90	254623.67	254878.02	253603.53	0.79	ppb
Krypton	83-1						cps
Lead	206-1	5924.81	5920.51	5894.09	5913.14	0.28	ppb
Lead	207-1	5404.58	5364.84	5333.41	5367.61	0.66	ppb
Lead	208-1	5675.78	5656.82	5566.06	5632.89	1.04	ppb
Lithium	6-1				93		%
Magnesium	24-2	8183.64	8189.69	8199.79	8191.04	0.10	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:59:06	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3009.32	2999.82	3060.35	3023.16	1.08	ppb
Molybdenum	94-1	40.06	39.38	39.54	39.66	0.90	ppb
Molybdenum	95-1	47.59	46.67	48.00	47.42	1.45	ppb
Molybdenum	96-1	46.43	46.64	45.87	46.31	0.86	ppb
Molybdenum	97-1	46.78	47.35	46.01	46.71	1.44	ppb
Molybdenum	98-1	47.38	47.69	46.96	47.34	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	628.93	628.45	636.29	631.22	0.70	ppb
Phosphorus	31-2	1305.25	1150.03	1278.12	1244.46	6.66	ppb
Potassium	39-2	762.53	738.88	756.50	752.64	1.63	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	77-2	23.71	23.64	41.59	29.65	34.88	ppb
Selenium	78-2	7.31	8.23	-0.22	5.11	90.75	ppb
Selenium	82-1	2.90	3.39	2.97	3.09	8.71	ppb
Silicon	28-1	2373.26	2675.40	2862.13	2636.93	9.36	ppb
Silver	109-1	8.00	8.12	7.62	7.92	3.26	ppb
Silver	107-1	8.15	8.08	7.81	8.01	2.25	ppb
Sodium	23-2	347.78	339.47	331.71	339.65	2.37	ppb
Strontium	86-1	62.50	58.45	57.94	59.63	4.19	ppb
Strontium	88-1	60.37	60.88	60.23	60.49	0.57	ppb
Sulfur	34-1	-563.72	-638.55	-671.48	-624.58		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.67	0.66	0.72	0.68	5.11	ppb
Thallium	205-1	0.71	0.69	0.64	0.68	4.77	ppb
Tin	118-1	876.91	870.17	854.22	867.10	1.34	ppb
Titanium	47-1	293.25	297.96	298.38	296.53	0.96	ppb
Uranium	238-1	1.39	1.34	1.35	1.36	2.09	ppb
Vanadium	51-2	93.27	92.46	93.06	92.93	0.45	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	8972.91	8958.62	9016.90	8982.81	0.34	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:59:06	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.14	4.54	4.07	4.25	5.94	ppb
Zirconium	91-1	4.06	4.40	4.22	4.22	4.09	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-10	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:02:20	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16445.37	17061.42	16527.49	16678.09	2.01	ppb
Antimony	121-1	4.18	3.99	3.91	4.03	3.40	ppb
Arsenic	75-2	12.01	11.01	11.43	11.48	4.38	ppb
Barium	135-1	287.93	274.76	273.81	278.83	2.83	ppb
Barium	137-1	290.52	277.27	277.63	281.81	2.68	ppb
Beryllium	9-1	1.40	1.69	1.49	1.53	9.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	2.98	3.50	2.32	2.93	20.13	ppb
Boron	11-1	4.99	5.61	5.12	5.24	6.24	ppb
Cadmium	111-1	3.14	3.04	3.06	3.08	1.79	ppb
Cadmium	106-1	2.86	2.42	2.66	2.65	8.37	ppb
Cadmium	108-1	3.26	2.60	3.71	3.19	17.48	ppb
Calcium	43-1	5162.79	4976.87	4918.45	5019.37	2.54	ppb
Calcium	44-1	5161.87	4902.05	4909.90	4991.27	2.96	ppb
Chromium	52-2	45.35	46.77	45.70	45.94	1.60	ppb
Cobalt	59-2	23.92	24.33	24.14	24.13	0.84	ppb
Copper	63-2	172.35	176.11	174.93	174.46	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	43523.26	44239.39	43987.10	43916.58	0.83	ppb
Iron	57-2	42605.32	43230.95	43202.22	43012.83	0.82	ppb
Krypton	83-1						cps
Lead	206-1	463.23	441.20	440.94	448.46	2.85	ppb
Lead	207-1	424.71	410.12	398.21	411.01	3.23	ppb
Lead	208-1	444.63	422.12	418.53	428.42	3.30	ppb
Lithium	6-1				92		%
Magnesium	24-2	7113.39	7192.12	7206.71	7170.74	0.70	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-10	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:02:20	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1106.11	1127.96	1125.60	1119.89	1.07	ppb
Molybdenum	94-1	3.64	3.96	3.67	3.75	4.68	ppb
Molybdenum	95-1	1.93	1.88	1.78	1.86	4.23	ppb
Molybdenum	96-1	2.23	2.10	2.25	2.19	3.62	ppb
Molybdenum	97-1	1.92	1.96	1.72	1.87	6.79	ppb
Molybdenum	98-1	1.84	1.79	1.77	1.80	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.35	46.86	45.93	46.38	1.00	ppb
Phosphorus	31-2	601.34	727.69	554.70	627.91	14.25	ppb
Potassium	39-2	674.70	699.98	686.66	687.11	1.84	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	69.56	52.85	5.99	42.80	77.00	ppb
Selenium	78-2	7.20	3.53	3.44	4.73	45.39	ppb
Selenium	82-1	0.46	1.16	0.18	0.60	84.05	ppb
Silicon	28-1	1470.21	1238.96	5516.60	2741.92	87.74	ppb
Silver	109-1	0.31	0.29	0.30	0.30	3.18	ppb
Silver	107-1	0.31	0.28	0.30	0.30	4.39	ppb
Sodium	23-2	159.81	169.60	156.35	161.92	4.24	ppb
Strontium	86-1	32.28	30.50	30.42	31.06	3.38	ppb
Strontium	88-1	32.72	31.44	30.30	31.49	3.84	ppb
Sulfur	34-1	-2162.53	-2674.47	-2698.66	-2511.88		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.27	0.26	0.25	0.26	2.77	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	0.65	ppb
Tin	118-1	22.19	21.34	21.38	21.64	2.20	ppb
Titanium	47-1	248.31	245.89	307.95	267.38	13.15	ppb
Uranium	238-1	1.86	1.79	1.71	1.79	3.96	ppb
Vanadium	51-2	61.96	64.24	62.73	62.98	1.84	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	756.38	782.16	766.49	768.34	1.69	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-10	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:02:20	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.77	1.37	1.57	1.57	12.48	ppb
Zirconium	91-1	1.26	1.37	1.38	1.34	4.87	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-11	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:05:39	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16983.25	16347.02	16323.78	16551.35	2.26	ppb
Antimony	121-1	0.95	0.91	0.90	0.92	2.60	ppb
Arsenic	75-2	8.17	6.81	7.03	7.34	9.92	ppb
Barium	135-1	202.26	209.88	204.73	205.63	1.89	ppb
Barium	137-1	204.17	211.90	207.22	207.76	1.87	ppb
Beryllium	9-1	1.23	1.56	1.48	1.42	11.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	3.07	2.00	2.83	2.63	21.36	ppb
Boron	11-1	2.91	3.68	2.85	3.15	14.81	ppb
Cadmium	111-1	1.09	1.18	1.21	1.16	5.37	ppb
Cadmium	106-1	0.84	1.41	0.62	0.96	42.32	ppb
Cadmium	108-1	1.67	1.60	1.35	1.54	10.96	ppb
Calcium	43-1	4295.72	4462.54	4463.73	4407.33	2.19	ppb
Calcium	44-1	4272.79	4548.30	4406.62	4409.24	3.12	ppb
Chromium	52-2	42.91	41.73	42.29	42.31	1.39	ppb
Cobalt	59-2	21.67	20.76	21.11	21.18	2.16	ppb
Copper	63-2	109.19	106.38	106.88	107.49	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	30540.17	29670.28	29521.12	29910.52	1.84	ppb
Iron	57-2	30021.12	29184.25	29071.89	29425.75	1.76	ppb
Krypton	83-1						cps
Lead	206-1	112.32	116.00	114.06	114.13	1.61	ppb
Lead	207-1	101.05	105.82	103.00	103.29	2.32	ppb
Lead	208-1	106.50	109.96	107.39	107.95	1.67	ppb
Lithium	6-1				91		%
Magnesium	24-2	7270.95	7108.36	7163.56	7180.96	1.15	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-11	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:05:39	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	865.94	852.27	852.39	856.87	0.92	ppb
Molybdenum	94-1	2.54	2.77	2.57	2.63	4.61	ppb
Molybdenum	95-1	1.15	1.15	1.03	1.11	6.08	ppb
Molybdenum	96-1	1.29	1.31	1.37	1.32	3.25	ppb
Molybdenum	97-1	1.11	1.06	1.07	1.08	2.36	ppb
Molybdenum	98-1	1.06	1.14	1.08	1.10	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.15	34.89	36.07	36.04	3.15	ppb
Phosphorus	31-2	597.06	887.60	589.80	691.49	24.57	ppb
Potassium	39-2	818.35	734.83	721.70	758.29	6.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	77-2	74.45	28.28	45.10	49.28	47.42	ppb
Selenium	78-2	5.25	9.69	5.14	6.70	38.78	ppb
Selenium	82-1	-0.32	-0.11	0.45	0.01	6420.40	ppb
Silicon	28-1	1028.08	1069.15	1848.36	1315.20	35.14	ppb
Silver	109-1	0.16	0.16	0.20	0.17	10.75	ppb
Silver	107-1	0.17	0.20	0.17	0.18	8.47	ppb
Sodium	23-2	172.64	152.55	147.25	157.48	8.50	ppb
Strontium	86-1	22.10	23.18	21.84	22.37	3.16	ppb
Strontium	88-1	22.90	23.33	22.47	22.90	1.87	ppb
Sulfur	34-1	-3644.25	-3244.70	-3441.55	-3443.50		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.19	0.13	0.16	18.91	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	6.45	ppb
Tin	118-1	4.24	4.46	4.39	4.36	2.54	ppb
Titanium	47-1	252.06	223.88	213.47	229.80	8.69	ppb
Uranium	238-1	1.58	1.71	1.63	1.64	3.79	ppb
Vanadium	51-2	60.76	59.88	59.78	60.14	0.89	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	183.96	180.53	179.93	181.48	1.20	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-11	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:05:39	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.08	1.15	1.11	1.12	3.12	ppb
Zirconium	91-1	1.34	1.19	1.23	1.25	6.31	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:08:58	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47301.43	46901.06	47993.00	47398.50	1.17	ppb
Antimony	121-1	478.59	474.53	479.87	477.66	0.58	ppb
Arsenic	75-2	494.81	491.02	499.13	494.98	0.82	ppb
Barium	135-1	2414.20	2405.74	2456.44	2425.46	1.12	ppb
Barium	137-1	2389.12	2396.98	2438.31	2408.14	1.10	ppb
Beryllium	9-1	497.24	504.44	499.19	500.29	0.74	ppb
Bismuth	209-1				112		%
Bismuth	209-2				116		%
Boron	10-1	464.79	501.90	498.68	488.46	4.21	ppb
Boron	11-1	474.47	492.92	493.91	487.10	2.25	ppb
Cadmium	111-1	465.80	460.72	464.21	463.58	0.56	ppb
Cadmium	106-1	471.20	469.90	467.67	469.59	0.38	ppb
Cadmium	108-1	469.41	461.11	475.26	468.59	1.52	ppb
Calcium	43-1	240476.44	238814.05	237760.36	239016.95	0.57	ppb
Calcium	44-1	241339.19	237301.11	236851.56	238497.29	1.04	ppb
Chromium	52-2	523.97	509.24	520.94	518.05	1.50	ppb
Cobalt	59-2	501.63	490.20	495.58	495.81	1.15	ppb
Copper	63-2	1002.31	976.63	984.83	987.92	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				114		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	126585.01	123492.03	124632.56	124903.20	1.25	ppb
Iron	57-2	127209.70	125517.41	126677.21	126468.11	0.68	ppb
Krypton	83-1						cps
Lead	206-1	507.40	503.41	499.93	503.58	0.74	ppb
Lead	207-1	507.39	501.01	498.25	502.22	0.93	ppb
Lead	208-1	502.57	501.78	499.13	501.16	0.36	ppb
Lithium	6-1				107		%
Magnesium	24-2	248857.23	244061.97	250069.93	247663.04	1.28	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:08:58	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.82	972.50	984.27	983.20	1.04	ppb
Molybdenum	94-1	2494.35	2448.77	2449.81	2464.31	1.06	ppb
Molybdenum	95-1	2519.59	2453.21	2488.34	2487.05	1.34	ppb
Molybdenum	96-1	2490.02	2433.45	2466.40	2463.29	1.15	ppb
Molybdenum	97-1	2494.25	2477.67	2452.05	2474.66	0.86	ppb
Molybdenum	98-1	2494.86	2444.21	2472.12	2470.40	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.81	505.24	509.72	510.59	1.14	ppb
Phosphorus	31-2	10458.35	9658.88	9751.76	9956.33	4.39	ppb
Potassium	39-2	121651.73	120414.04	121603.60	121223.12	0.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	77-2	382.09	477.65	452.44	437.39	11.32	ppb
Selenium	78-2	450.72	503.84	502.02	485.53	6.21	ppb
Selenium	82-1	484.40	471.46	478.34	478.07	1.35	ppb
Silicon	28-1	528.98	537.68	546.46	537.70	1.63	ppb
Silver	109-1	470.42	473.13	477.73	473.76	0.78	ppb
Silver	107-1	473.16	472.96	474.30	473.47	0.15	ppb
Sodium	23-2	250400.87	244773.17	248567.67	247913.90	1.16	ppb
Strontium	86-1	489.76	478.02	482.36	483.38	1.23	ppb
Strontium	88-1	505.90	497.06	500.64	501.20	0.89	ppb
Sulfur	34-1	8800.66	8850.45	8555.51	8735.54	1.81	ppb
Terbium	159-1				114		%
Terbium	159-2				114		%
Thallium	203-1	505.38	503.00	507.75	505.38	0.47	ppb
Thallium	205-1	496.25	503.78	500.80	500.27	0.76	ppb
Tin	118-1	487.76	479.75	485.68	484.40	0.86	ppb
Titanium	47-1	2473.25	2483.72	2486.57	2481.18	0.28	ppb
Uranium	238-1	508.75	507.73	506.24	507.57	0.25	ppb
Vanadium	51-2	514.22	501.23	506.44	507.30	1.29	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	984.29	973.05	977.74	978.36	0.58	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:08:58	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.32	483.28	490.49	491.36	1.74	ppb
Zirconium	91-1	491.36	477.84	485.13	484.77	1.40	ppb

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : CCB087 Instrumnet Name : P8
 Client Sample ID : CCB087 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 17:12:08 DataFile Name : 061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.35	3.00	4.59	2.41	104.50	ppb
Antimony	121-1	1.09	0.98	0.88	0.99	10.85	ppb
Arsenic	75-2	0.02	-0.12	-0.14	-0.08		ppb
Barium	135-1	0.06	0.08	0.03	0.06	47.26	ppb
Barium	137-1	0.07	0.09	0.08	0.08	12.50	ppb
Beryllium	9-1	-0.01	0.05	0.03	0.02	137.80	ppb
Bismuth	209-1				118		%
Bismuth	209-2				119		%
Boron	10-1	13.14	10.23	12.00	11.79	12.44	ppb
Boron	11-1	15.87	11.75	10.77	12.79	21.15	ppb
Cadmium	111-1	0.05	-0.03	0.04	0.02	210.41	ppb
Cadmium	106-1	-0.40	-0.89	-0.13	-0.47		ppb
Cadmium	108-1	0.08	0.08	0.08	0.08	1.94	ppb
Calcium	43-1	6.87	-0.40	-6.51	-0.01		ppb
Calcium	44-1	5.59	1.07	3.46	3.37	66.99	ppb
Chromium	52-2	0.11	0.09	-0.08	0.04	243.92	ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	0.16	0.14	0.12	0.14	15.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	7.24	5.89	5.96	6.36	11.93	ppb
Iron	57-2	8.74	12.50	4.70	8.65	45.13	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.29	0.29	0.29	3.17	ppb
Lead	207-1	0.24	0.27	0.24	0.25	6.20	ppb
Lead	208-1	0.26	0.27	0.26	0.27	2.35	ppb
Lithium	6-1				106		%
Magnesium	24-2	10.80	5.80	6.68	7.76	34.35	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:12:08	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	-0.03	0.05	0.02	248.50	ppb
Molybdenum	94-1	0.67	0.61	0.53	0.60	12.13	ppb
Molybdenum	95-1	0.75	0.64	0.64	0.68	9.81	ppb
Molybdenum	96-1	0.67	0.67	0.64	0.66	2.87	ppb
Molybdenum	97-1	0.91	0.64	0.77	0.77	17.77	ppb
Molybdenum	98-1	0.75	0.66	0.52	0.64	17.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.06	-0.02	-0.02		ppb
Phosphorus	31-2	43.87	-8.05	-8.05	9.25	323.91	ppb
Potassium	39-2	44.01	10.83	18.19	24.34	71.57	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				96		%
Selenium	77-2	-5.50	-5.50	-5.50	-5.50		ppb
Selenium	78-2	-0.31	-2.12	-2.12	-1.51		ppb
Selenium	82-1	-0.40	0.22	-0.77	-0.32		ppb
Silicon	28-1	-8.72	-7.50	-7.61	-7.95		ppb
Silver	109-1	0.08	0.08	0.06	0.07	17.99	ppb
Silver	107-1	0.07	0.07	0.06	0.06	12.38	ppb
Sodium	23-2	31.89	25.60	30.18	29.22	11.13	ppb
Strontium	86-1	-0.05	-0.05	0.02	-0.03		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	33.70	ppb
Sulfur	34-1	-1501.22	-1516.93	-1409.09	-1475.74		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.14	0.10	0.09	0.11	24.70	ppb
Thallium	205-1	0.13	0.12	0.10	0.12	12.47	ppb
Tin	118-1	0.18	0.19	0.15	0.17	10.33	ppb
Titanium	47-1	0.13	0.06	0.19	0.13	53.19	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	3.38	ppb
Vanadium	51-2	0.03	0.02	0.00	0.01	118.18	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	-0.08	0.13	0.42	0.16	156.34	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:12:08	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.10	0.08	0.10	9.55	ppb
Zirconium	91-1	0.12	0.08	0.11	0.10	17.38	ppb

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:33:38	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	17	19	24.73	cps
Antimony	121-1	242	167	200	203	18.53	cps
Arsenic	75-2	19	9	22	17	40.05	cps
Barium	135-1	42	117	75	78	48.31	cps
Barium	137-1	100	100	92	97	4.95	cps
Beryllium	9-1	22	22	0	15	86.60	cps
Bismuth	209-1	7603392	7467506	7462288	7511062	1.07	cps
Bismuth	209-2	2169595	2309866	2315184	2264882	3.65	cps
Boron	10-1	100	58	42	67	45.07	cps
Boron	11-1	217	275	325	272	19.92	cps
Cadmium	111-1	1038	1046	1041	1041	0.43	cps
Cadmium	106-1	1467	1475	1467	1470	0.33	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	283	350	283	306	12.60	cps
Calcium	44-1	11213	10763	10404	10794	3.75	cps
Chromium	52-2	1060	980	943	995	6.00	cps
Cobalt	59-2	127	97	87	103	20.14	cps
Copper	63-2	470	450	463	461	2.21	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	17	50	33	33	50.00	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	12072939	12045082	11985955	12034658	0.37	cps
Holmium	165-2	2761065	2905078	2927867	2864670	3.16	cps
Indium	115-1	9377307	9278887	9278203	9311466	0.61	cps
Indium	115-2	427739	448473	455112	443775	3.22	cps
Iron	56-2	2467	2322	2406	2398	3.02	cps
Iron	57-2	72	50	56	59	19.52	cps
Krypton	83-1	460	483	547	497	9.03	cps
Lead	206-1	272	361	300	311	14.62	cps
Lead	207-1	322	267	300	296	9.44	cps
Lead	208-1	1267	1250	1445	1320	8.16	cps
Lithium	6-1	320873	324991	317192	321019	1.22	cps
Magnesium	24-2	175	150	108	144	23.32	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:33:38	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	50	43	58	33.81	cps
Molybdenum	94-1	425	567	417	469	17.96	cps
Molybdenum	95-1	383	258	292	311	20.80	cps
Molybdenum	96-1	467	517	425	469	9.78	cps
Molybdenum	97-1	342	442	433	406	13.68	cps
Molybdenum	98-1	600	542	600	581	5.80	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	63	103	88	24.42	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2434	2317	2267	2339	3.66	cps
Rhodium	103-1	8820014	8939357	8783823	8847732	0.92	cps
Rhodium	103-2	2680229	2854925	2900884	2812013	4.14	cps
Scandium	45-1	4411299	4465193	4294695	4390396	1.99	cps
Scandium	45-2	45240	46621	46741	46201	1.81	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	6	6	2	4	49.54	cps
Selenium	82-1	-108	-145	-194	-149	-28.77	cps
Silicon	28-1	152571	152790	155621	153661	1.11	cps
Silver	109-1	108	75	67	83	26.46	cps
Silver	107-1	75	67	150	97	47.21	cps
Sodium	23-2	10938	10604	10930	10824	1.76	cps
Strontium	86-1	558	625	567	583	6.23	cps
Strontium	88-1	100	175	75	117	44.61	cps
Sulfur	34-1	190297	193092	191547	191645	0.73	cps
Terbium	159-1	12429666	12393291	12176752	12333236	1.11	cps
Terbium	159-2	2652566	2767127	2833711	2751134	3.33	cps
Thallium	203-1	192	217	175	194	10.79	cps
Thallium	205-1	400	483	392	425	11.93	cps
Tin	118-1	1167	1903	1367	1479	25.74	cps
Titanium	47-1	75	75	83	78	6.19	cps
Uranium	238-1	292	150	233	225	31.65	cps
Vanadium	51-2	13	17	17	16	12.40	cps
Yttrium	89-1	9503934	9522884	9342164	9456327	1.05	cps
Yttrium	89-2	320600	332830	340489	331306	3.03	cps
Zinc	66-2	57	23	23	34	55.89	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:33:38	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	667	742	675	695	5.92	cps
Zirconium	91-1	125	175	150	150	16.67	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:41:10	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	192	100	156	31.39	cps
Antimony	121-1	13941	14225	14484	14216	1.91	cps
Arsenic	75-2	120	78	81	93	25.31	cps
Barium	135-1	14117	14141	14567	14275	1.77	cps
Barium	137-1	24549	25384	24123	24685	2.60	cps
Beryllium	9-1	289	289	356	311	12.37	cps
Bismuth	209-1	7540101	7691319	7510000	7580474	1.28	cps
Bismuth	209-2	2469554	2418638	2372298	2420163	2.01	cps
Boron	10-1	892	1075	1142	1036	12.50	cps
Boron	11-1	5159	5034	5551	5248	5.14	cps
Cadmium	111-1	2529	2535	2663	2576	2.93	cps
Cadmium	106-1	1525	1709	1725	1653	6.71	cps
Cadmium	108-1	108	88	100	99	10.64	cps
Calcium	43-1	7019	6110	6402	6510	7.13	cps
Calcium	44-1	114356	115263	116943	115521	1.14	cps
Chromium	52-2	2477	2464	2607	2516	3.15	cps
Cobalt	59-2	1790	1627	1683	1700	4.88	cps
Copper	63-2	3250	3304	3394	3316	2.19	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	13	30	10	18	60.28	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	11621121	12058298	11748222	11809214	1.90	cps
Holmium	165-2	2982689	2892877	2894067	2923211	1.76	cps
Indium	115-1	9236718	9423344	9323523	9327862	1.00	cps
Indium	115-2	454023	448976	446431	449810	0.86	cps
Iron	56-2	26910	26604	26899	26804	0.65	cps
Iron	57-2	761	717	656	711	7.45	cps
Krypton	83-1	443	533	483	487	9.27	cps
Lead	206-1	4962	5007	4984	4984	0.45	cps
Lead	207-1	4262	4279	4684	4408	5.43	cps
Lead	208-1	19245	20024	19801	19690	2.04	cps
Lithium	6-1	314541	321350	319987	318626	1.13	cps
Magnesium	24-2	12614	12339	11730	12228	3.70	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:41:10	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	280	233	263	259	9.13	cps
Molybdenum	94-1	11213	11998	11689	11633	3.40	cps
Molybdenum	95-1	13891	14291	13808	13997	1.85	cps
Molybdenum	96-1	15993	16210	16411	16205	1.29	cps
Molybdenum	97-1	8737	9554	9187	9159	4.47	cps
Molybdenum	98-1	23221	22670	22077	22656	2.53	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	523	570	623	572	8.74	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	8545	8887	8811	8748	2.05	cps
Rhodium	103-1	8572522	8781735	8813889	8722715	1.50	cps
Rhodium	103-2	2868046	2902829	2866972	2879283	0.71	cps
Scandium	45-1	4442843	4460951	4450852	4451548	0.20	cps
Scandium	45-2	46641	47099	46256	46665	0.90	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	7	7	11	9	24.71	cps
Selenium	82-1	337	252	351	313	17.15	cps
Silicon	28-1	180891	180307	178679	179959	0.64	cps
Silver	109-1	7069	7311	7402	7261	2.37	cps
Silver	107-1	7569	7811	7811	7730	1.81	cps
Sodium	23-2	38127	37884	36891	37634	1.74	cps
Strontium	86-1	2367	2100	2484	2317	8.48	cps
Strontium	88-1	16385	15468	15701	15852	3.01	cps
Sulfur	34-1	191033	187970	185983	188329	1.35	cps
Terbium	159-1	11867953	12159761	12229666	12085793	1.59	cps
Terbium	159-2	2828732	2836983	2812085	2825933	0.45	cps
Thallium	203-1	5802	5968	5668	5813	2.59	cps
Thallium	205-1	13725	13891	13842	13819	0.62	cps
Tin	118-1	24816	24507	24557	24626	0.67	cps
Titanium	47-1	2859	2842	3100	2934	4.93	cps
Uranium	238-1	15777	17138	16962	16626	4.45	cps
Vanadium	51-2	2554	2484	2547	2528	1.53	cps
Yttrium	89-1	9203569	9373091	9446512	9341057	1.33	cps
Yttrium	89-2	339204	335370	328867	334480	1.56	cps
Zinc	66-2	277	240	250	256	7.42	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:41:10	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9821	10354	10179	10118	2.69	cps
Zirconium	91-1	2409	1917	2059	2128	11.90	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:44:53	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5109	4901	5560	5190	6.49	cps
Antimony	121-1	383375	381040	385232	383216	0.55	cps
Arsenic	75-2	4743	4705	4571	4673	1.93	cps
Barium	135-1	388199	394389	391266	391285	0.79	cps
Barium	137-1	688363	689805	687968	688712	0.14	cps
Beryllium	9-1	17656	18390	18051	18032	2.04	cps
Bismuth	209-1	7600185	7666361	7680653	7649066	0.56	cps
Bismuth	209-2	2551142	2469317	2490103	2503521	1.70	cps
Boron	10-1	2275	2009	2484	2256	10.56	cps
Boron	11-1	10538	11322	10813	10891	3.65	cps
Cadmium	111-1	85465	86848	85767	86027	0.85	cps
Cadmium	106-1	9646	10521	10580	10249	5.11	cps
Cadmium	108-1	5956	5826	5764	5849	1.67	cps
Calcium	43-1	69565	71399	71719	70894	1.64	cps
Calcium	44-1	1155233	1165703	1170970	1163968	0.69	cps
Chromium	52-2	40061	39924	40184	40056	0.33	cps
Cobalt	59-2	87120	86409	86506	86678	0.44	cps
Copper	63-2	151539	153665	153345	152850	0.75	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	58	36	58.08	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	13	20	3	12	68.66	cps
Holmium	165-1	12017993	12182461	12284325	12161593	1.11	cps
Holmium	165-2	3010087	2978449	3024891	3004476	0.79	cps
Indium	115-1	9376306	9585344	9560138	9507263	1.20	cps
Indium	115-2	457762	453305	459955	457007	0.74	cps
Iron	56-2	1341854	1343203	1348511	1344523	0.26	cps
Iron	57-2	34432	33853	33736	34007	1.10	cps
Krypton	83-1	427	440	427	431	1.79	cps
Lead	206-1	246794	243878	242215	244296	0.95	cps
Lead	207-1	222309	220020	218966	220431	0.78	cps
Lead	208-1	989956	992367	987949	990090	0.22	cps
Lithium	6-1	330688	334163	330735	331862	0.60	cps
Magnesium	24-2	130074	128570	129613	129419	0.60	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:44:53	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22011	21727	22592	22110	1.99	cps
Molybdenum	94-1	623721	624845	621736	623434	0.25	cps
Molybdenum	95-1	765795	761533	762620	763316	0.29	cps
Molybdenum	96-1	844543	849361	851629	848511	0.43	cps
Molybdenum	97-1	482316	482933	481416	482222	0.16	cps
Molybdenum	98-1	1237122	1229934	1230348	1232468	0.33	cps
Neodymium	150-1	20	0	27	16	89.22	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	26001	25851	25861	25904	0.32	cps
Phosphorus	31-2	383	342	283	336	14.95	cps
Potassium	39-2	37743	37083	37601	37476	0.93	cps
Rhodium	103-1	8821122	8840568	8892464	8851385	0.42	cps
Rhodium	103-2	2929491	2916074	2879250	2908272	0.89	cps
Scandium	45-1	4542930	4588624	4568839	4566798	0.50	cps
Scandium	45-2	47537	46811	47300	47216	0.78	cps
Selenium	77-2	47	50	20	39	42.28	cps
Selenium	78-2	115	96	89	100	13.36	cps
Selenium	82-1	4841	4909	4790	4847	1.23	cps
Silicon	28-1	256812	262494	254733	258013	1.56	cps
Silver	109-1	391025	393008	393196	392410	0.31	cps
Silver	107-1	404976	414125	404638	407913	1.32	cps
Sodium	23-2	311147	309756	310006	310303	0.24	cps
Strontium	86-1	98848	96901	96626	97458	1.24	cps
Strontium	88-1	843920	838798	834601	839106	0.56	cps
Sulfur	34-1	209252	208559	211808	209873	0.82	cps
Terbium	159-1	12234953	12499151	12552514	12428873	1.37	cps
Terbium	159-2	2945763	2906317	2901125	2917735	0.84	cps
Thallium	203-1	297071	301813	297130	298671	0.91	cps
Thallium	205-1	712971	716220	727585	718925	1.07	cps
Tin	118-1	260609	264910	264839	263453	0.94	cps
Titanium	47-1	165232	165013	165385	165210	0.11	cps
Uranium	238-1	899570	901788	904399	901919	0.27	cps
Vanadium	51-2	27888	27891	28128	27969	0.49	cps
Yttrium	89-1	9544938	9489219	9505466	9513208	0.30	cps
Yttrium	89-2	343261	337725	341880	340955	0.85	cps
Zinc	66-2	13840	13860	13457	13719	1.66	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:44:53	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	513889	514171	507564	511875	0.73	cps
Zirconium	91-1	113352	113839	113076	113422	0.34	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:48:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13140	12373	13040	12851	3.25	cps
Antimony	121-1	976234	980392	990836	982488	0.77	cps
Arsenic	75-2	11724	11846	11790	11787	0.52	cps
Barium	135-1	981350	990904	992686	988313	0.62	cps
Barium	137-1	1748856	1752322	1765946	1755708	0.51	cps
Beryllium	9-1	47072	46403	47239	46905	0.94	cps
Bismuth	209-1	7547828	7899054	7839076	7761986	2.42	cps
Bismuth	209-2	2477582	2539594	2502815	2506664	1.24	cps
Boron	10-1	5535	5585	5785	5635	2.35	cps
Boron	11-1	26626	27661	28655	27647	3.67	cps
Cadmium	111-1	212461	214948	214882	214097	0.66	cps
Cadmium	106-1	22920	23446	23288	23218	1.16	cps
Cadmium	108-1	14996	14692	15000	14896	1.19	cps
Calcium	43-1	178271	177580	177746	177866	0.20	cps
Calcium	44-1	3010125	2968082	2982378	2986862	0.72	cps
Chromium	52-2	98668	98376	99584	98876	0.64	cps
Cobalt	59-2	215947	213371	214149	214489	0.62	cps
Copper	63-2	380518	382481	380061	381020	0.34	cps
Dysprosium	156-1	25	17	33	25	33.34	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	58	25	39	44.62	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	33	67	25	42	52.92	cps
Gadolinium	160-2	20	10	10	13	43.30	cps
Holmium	165-1	11819596	12361151	12446311	12209019	2.78	cps
Holmium	165-2	3026387	3042881	3010007	3026425	0.54	cps
Indium	115-1	9282505	9475440	9711872	9489939	2.27	cps
Indium	115-2	454120	454389	447888	452132	0.81	cps
Iron	56-2	3413785	3394671	3364186	3390881	0.74	cps
Iron	57-2	82332	83739	83399	83157	0.88	cps
Krypton	83-1	420	497	497	471	9.40	cps
Lead	206-1	615294	615592	624009	618298	0.80	cps
Lead	207-1	559410	555087	556573	557023	0.39	cps
Lead	208-1	2515814	2505265	2531393	2517491	0.52	cps
Lithium	6-1	336335	348206	357872	347471	3.10	cps
Magnesium	24-2	319852	321623	322687	321387	0.45	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:48:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	54824	54479	54647	54650	0.32	cps
Molybdenum	94-1	1590859	1586533	1613420	1596937	0.90	cps
Molybdenum	95-1	1942600	1976428	1961350	1960126	0.86	cps
Molybdenum	96-1	2221091	2226983	2185607	2211227	1.01	cps
Molybdenum	97-1	1207590	1224688	1230670	1220983	0.98	cps
Molybdenum	98-1	3130543	3196146	3183790	3170160	1.10	cps
Neodymium	150-1	20	20	47	29	53.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63642	64144	63856	63880	0.39	cps
Phosphorus	31-2	1000	775	942	906	12.90	cps
Potassium	39-2	89350	89787	91228	90122	1.09	cps
Rhodium	103-1	8489126	8877766	8865932	8744274	2.53	cps
Rhodium	103-2	2893526	2912787	2838570	2881628	1.34	cps
Scandium	45-1	4477234	4603325	4693055	4591205	2.36	cps
Scandium	45-2	46925	47249	46494	46889	0.81	cps
Selenium	77-2	127	97	90	104	18.70	cps
Selenium	78-2	293	281	265	280	5.00	cps
Selenium	82-1	12255	12063	12084	12134	0.87	cps
Silicon	28-1	418281	421214	423584	421026	0.63	cps
Silver	109-1	976216	985202	992811	984743	0.84	cps
Silver	107-1	1028419	1023109	1030145	1027225	0.36	cps
Sodium	23-2	755999	756742	751731	754824	0.36	cps
Strontium	86-1	245363	244022	244809	244732	0.28	cps
Strontium	88-1	2159204	2132722	2153927	2148618	0.65	cps
Sulfur	34-1	238007	237886	237470	237787	0.12	cps
Terbium	159-1	12119456	12572387	12747610	12479818	2.60	cps
Terbium	159-2	2949235	2948621	2892193	2930017	1.12	cps
Thallium	203-1	759864	761415	768483	763254	0.60	cps
Thallium	205-1	1856419	1864286	1876507	1865737	0.54	cps
Tin	118-1	667504	662126	669385	666339	0.57	cps
Titanium	47-1	416897	420270	419997	419054	0.45	cps
Uranium	238-1	2355788	2428336	2367741	2383955	1.63	cps
Vanadium	51-2	69535	69260	70188	69661	0.68	cps
Yttrium	89-1	9315234	9583805	9763964	9554335	2.36	cps
Yttrium	89-2	343211	340393	337542	340382	0.83	cps
Zinc	66-2	33684	33594	33581	33620	0.17	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:48:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1305773	1303231	1305634	1304879	0.11	cps
Zirconium	91-1	287625	291335	287344	288768	0.77	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:55:10	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24923	25674	24956	25184	1.69	cps
Antimony	121-1	1935308	1954028	1953371	1947569	0.55	cps
Arsenic	75-2	23435	22993	23071	23166	1.02	cps
Barium	135-1	1982486	1974643	1960645	1972591	0.56	cps
Barium	137-1	3472877	3429942	3490064	3464294	0.89	cps
Beryllium	9-1	89774	90607	91664	90682	1.04	cps
Bismuth	209-1	7604096	7703407	7755907	7687803	1.00	cps
Bismuth	209-2	2481390	2415740	2424049	2440393	1.46	cps
Boron	10-1	9946	10479	10888	10438	4.53	cps
Boron	11-1	53409	53368	55910	54229	2.69	cps
Cadmium	111-1	416006	420045	420658	418903	0.60	cps
Cadmium	106-1	43363	44784	43697	43948	1.69	cps
Cadmium	108-1	28827	29332	28948	29036	0.91	cps
Calcium	43-1	348344	347053	347619	347672	0.19	cps
Calcium	44-1	5819103	5722575	5748476	5763385	0.87	cps
Chromium	52-2	191291	190521	191568	191127	0.28	cps
Cobalt	59-2	415630	419398	414917	416649	0.58	cps
Copper	63-2	743479	744866	749324	745890	0.41	cps
Dysprosium	156-1	58	17	25	33	66.14	cps
Dysprosium	156-2	3	20	10	11	75.52	cps
Erbium	164-1	0	50	25	25	100.00	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	11978734	12310030	12189327	12159364	1.38	cps
Holmium	165-2	2987336	2937097	2982337	2968923	0.93	cps
Indium	115-1	9256277	9455096	9324639	9345337	1.08	cps
Indium	115-2	447160	429035	439927	438708	2.08	cps
Iron	56-2	6528892	6482929	6460790	6490871	0.54	cps
Iron	57-2	163407	164824	164610	164281	0.46	cps
Krypton	83-1	437	417	460	438	4.95	cps
Lead	206-1	1225369	1220853	1221848	1222690	0.19	cps
Lead	207-1	1097540	1111711	1106461	1105237	0.65	cps
Lead	208-1	5043045	5093225	5101625	5079298	0.62	cps
Lithium	6-1	336384	338182	339380	337982	0.45	cps
Magnesium	24-2	628873	625686	625060	626539	0.33	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:55:10	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	105491	105511	107778	106260	1.24	cps
Molybdenum	94-1	3110581	3151692	3137245	3133173	0.67	cps
Molybdenum	95-1	3869346	3888564	3812249	3856720	1.03	cps
Molybdenum	96-1	4327511	4299588	4344968	4324022	0.53	cps
Molybdenum	97-1	2504291	2486458	2494843	2495197	0.36	cps
Molybdenum	98-1	6276091	6255360	6223076	6251509	0.43	cps
Neodymium	150-1	53	87	27	56	54.11	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	124293	125190	124730	124737	0.36	cps
Phosphorus	31-2	1884	1684	1834	1800	5.78	cps
Potassium	39-2	172966	172834	173794	173198	0.30	cps
Rhodium	103-1	8672691	8788505	8750960	8737385	0.68	cps
Rhodium	103-2	2865254	2721418	2833425	2806699	2.69	cps
Scandium	45-1	4480409	4604530	4596599	4560512	1.52	cps
Scandium	45-2	47383	44938	45865	46062	2.68	cps
Selenium	77-2	200	157	157	171	14.62	cps
Selenium	78-2	504	541	550	532	4.61	cps
Selenium	82-1	24232	24587	23999	24273	1.22	cps
Silicon	28-1	672523	659281	671157	667654	1.09	cps
Silver	109-1	1978824	1972795	1979102	1976907	0.18	cps
Silver	107-1	2082160	2027687	2072771	2060873	1.41	cps
Sodium	23-2	1519296	1493323	1498265	1503628	0.92	cps
Strontium	86-1	484369	485457	481843	483890	0.38	cps
Strontium	88-1	4218506	4208790	4261590	4229629	0.66	cps
Sulfur	34-1	275429	276679	272856	274988	0.71	cps
Terbium	159-1	12259771	12521266	12670847	12483961	1.67	cps
Terbium	159-2	2896738	2808668	2873213	2859540	1.59	cps
Thallium	203-1	1516745	1515215	1521524	1517828	0.22	cps
Thallium	205-1	3720023	3692028	3696235	3702762	0.41	cps
Tin	118-1	1300146	1319680	1309898	1309908	0.75	cps
Titanium	47-1	827233	832567	830784	830195	0.33	cps
Uranium	238-1	4694131	4722208	4737983	4718108	0.47	cps
Vanadium	51-2	136662	136528	137948	137046	0.57	cps
Yttrium	89-1	9390387	9473872	9611987	9492082	1.18	cps
Yttrium	89-2	339597	325057	330974	331876	2.20	cps
Zinc	66-2	66184	67055	67349	66863	0.91	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:55:10	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2659776	2645507	2631356	2645546	0.54	cps
Zirconium	91-1	566610	567006	570793	568136	0.41	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:59:03	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48861	51411	49747	50006	2.59	cps
Antimony	121-1	3909295	3922309	3995808	3942471	1.18	cps
Arsenic	75-2	45703	45850	45770	45774	0.16	cps
Barium	135-1	3972794	4014009	4021017	4002606	0.65	cps
Barium	137-1	6889091	6858284	6997564	6914979	1.06	cps
Beryllium	9-1	182067	182678	181245	181997	0.40	cps
Bismuth	209-1	7827451	7903012	7411317	7713927	3.43	cps
Bismuth	209-2	2472457	2484048	2492301	2482935	0.40	cps
Boron	10-1	21258	20974	21225	21152	0.73	cps
Boron	11-1	106662	110583	110055	109100	1.95	cps
Cadmium	111-1	833478	837101	842455	837678	0.54	cps
Cadmium	106-1	85588	85328	86502	85806	0.72	cps
Cadmium	108-1	58485	56263	57711	57486	1.96	cps
Calcium	43-1	695534	708382	700471	701462	0.92	cps
Calcium	44-1	11469378	11530730	11604997	11535035	0.59	cps
Chromium	52-2	384642	380461	378204	381102	0.86	cps
Cobalt	59-2	826150	826793	825166	826036	0.10	cps
Copper	63-2	1462494	1465082	1462318	1463298	0.11	cps
Dysprosium	156-1	83	42	25	50	60.09	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	83	75	50	69	24.98	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	92	58	42	64	39.85	cps
Gadolinium	160-2	10	20	13	14	35.26	cps
Holmium	165-1	12427161	12292804	11979268	12233078	1.88	cps
Holmium	165-2	3018384	3022238	3042268	3027630	0.42	cps
Indium	115-1	9501646	9395032	9144297	9346992	1.96	cps
Indium	115-2	443237	446131	447096	445488	0.45	cps
Iron	56-2	12916861	12919471	12917688	12918007	0.01	cps
Iron	57-2	325082	327754	325269	326035	0.46	cps
Krypton	83-1	513	470	450	478	6.78	cps
Lead	206-1	2529952	2545271	2561312	2545512	0.62	cps
Lead	207-1	2317764	2341654	2312401	2323940	0.67	cps
Lead	208-1	10398366	10391432	10408232	10399343	0.08	cps
Lithium	6-1	344882	344198	334967	341349	1.62	cps
Magnesium	24-2	1261925	1261520	1244017	1255821	0.81	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:59:03	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	212329	212745	211820	212298	0.22	cps
Molybdenum	94-1	6285667	6151804	6310004	6249158	1.36	cps
Molybdenum	95-1	7754011	7696854	7759170	7736678	0.45	cps
Molybdenum	96-1	8484265	8615008	8544330	8547868	0.77	cps
Molybdenum	97-1	5026637	4920865	4993058	4980187	1.09	cps
Molybdenum	98-1	12481836	12590164	12610473	12560824	0.55	cps
Neodymium	150-1	93	60	107	87	27.74	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	246410	246322	245847	246193	0.12	cps
Phosphorus	31-2	3576	3401	3376	3451	3.16	cps
Potassium	39-2	341000	342833	340959	341597	0.31	cps
Rhodium	103-1	8861899	8800076	8376165	8679380	3.05	cps
Rhodium	103-2	2845338	2858303	2799867	2834502	1.08	cps
Scandium	45-1	4577966	4654104	4398094	4543388	2.89	cps
Scandium	45-2	46119	46403	45872	46131	0.58	cps
Selenium	77-2	293	313	313	307	3.77	cps
Selenium	78-2	1067	1089	1054	1070	1.66	cps
Selenium	82-1	47884	48203	49105	48397	1.31	cps
Silicon	28-1	1146876	1150853	1142541	1146756	0.36	cps
Silver	109-1	3896326	3900281	3919442	3905349	0.32	cps
Silver	107-1	4063851	4042958	4084967	4063925	0.52	cps
Sodium	23-2	2960867	2926073	2933002	2939980	0.63	cps
Strontium	86-1	960306	973667	976925	970299	0.91	cps
Strontium	88-1	8268731	8426058	8346532	8347107	0.94	cps
Sulfur	34-1	355880	355161	353186	354742	0.39	cps
Terbium	159-1	12801501	12732332	12288822	12607552	2.21	cps
Terbium	159-2	2916957	2957252	2950519	2941576	0.73	cps
Thallium	203-1	3155837	3124341	3158784	3146321	0.61	cps
Thallium	205-1	7402343	7329557	7477915	7403272	1.00	cps
Tin	118-1	2680334	2688717	2706847	2691966	0.50	cps
Titanium	47-1	1686564	1714551	1710484	1703866	0.89	cps
Uranium	238-1	9598737	9544687	9485682	9543035	0.59	cps
Vanadium	51-2	277169	274471	274582	275407	0.55	cps
Yttrium	89-1	9653991	9639514	9249690	9514398	2.41	cps
Yttrium	89-2	335767	337664	337055	336829	0.29	cps
Zinc	66-2	131244	131516	130440	131067	0.43	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 13:59:03	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5187159	5248138	5225367	5220221	0.59	cps
Zirconium	91-1	1147031	1143091	1156854	1148992	0.62	cps

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 14:02:30 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98308	100455	100589	99784	1.28	cps
Antimony	121-1	7836624	7734166	7833231	7801340	0.75	cps
Arsenic	75-2	92337	91765	92143	92082	0.32	cps
Barium	135-1	7982163	7899561	7972527	7951417	0.57	cps
Barium	137-1	13904500	13784278	13937610	13875463	0.58	cps
Beryllium	9-1	359714	356518	358714	358315	0.46	cps
Bismuth	209-1	7757424	7781967	7903616	7814336	1.00	cps
Bismuth	209-2	2508522	2499497	2432483	2480167	1.67	cps
Boron	10-1	43309	43409	43927	43548	0.76	cps
Boron	11-1	217571	221499	223952	221007	1.46	cps
Cadmium	111-1	1679101	1662102	1677194	1672799	0.56	cps
Cadmium	106-1	168835	167461	169065	168454	0.51	cps
Cadmium	108-1	116687	114686	115069	115481	0.92	cps
Calcium	43-1	1407519	1402839	1414489	1408282	0.42	cps
Calcium	44-1	23112173	23295013	23187787	23198324	0.40	cps
Chromium	52-2	760182	757549	760315	759349	0.21	cps
Cobalt	59-2	1662806	1667254	1650764	1660275	0.51	cps
Copper	63-2	2913480	2926144	2888853	2909492	0.65	cps
Dysprosium	156-1	92	117	167	125	30.55	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	167	83	75	108	46.79	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	125	83	175	128	35.92	cps
Gadolinium	160-2	27	23	13	21	32.88	cps
Holmium	165-1	12549866	12613996	12677780	12613881	0.51	cps
Holmium	165-2	3081127	3063137	3006244	3050169	1.28	cps
Indium	115-1	9483804	9373754	9467606	9441721	0.63	cps
Indium	115-2	440709	443544	425727	436660	2.19	cps
Iron	56-2	25774673	25731548	25679574	25728598	0.19	cps
Iron	57-2	648313	649631	646201	648048	0.27	cps
Krypton	83-1	397	487	483	456	11.20	cps
Lead	206-1	5003028	5003405	5010175	5005536	0.08	cps
Lead	207-1	4594296	4605992	4622476	4607588	0.31	cps
Lead	208-1	20546060	20631859	20584732	20587550	0.21	cps
Lithium	6-1	343614	340867	343795	342759	0.48	cps
Magnesium	24-2	2511352	2505394	2528538	2515095	0.48	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:02:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	421883	423683	423033	422866	0.22	cps
Molybdenum	94-1	12434869	12599354	12472130	12502117	0.69	cps
Molybdenum	95-1	15325946	15394234	15461084	15393755	0.44	cps
Molybdenum	96-1	17332009	17371134	17322233	17341792	0.15	cps
Molybdenum	97-1	9765701	9900131	10001204	9889012	1.19	cps
Molybdenum	98-1	24942841	25083322	25046534	25024232	0.29	cps
Neodymium	150-1	320	273	320	304	8.85	cps
Neodymium	150-2	17	13	17	16	12.40	cps
Nickel	60-2	488054	486828	486208	487030	0.19	cps
Phosphorus	31-2	6810	7127	6627	6855	3.69	cps
Potassium	39-2	682456	679511	682407	681458	0.25	cps
Rhodium	103-1	8602844	8595222	8628976	8609014	0.21	cps
Rhodium	103-2	2801027	2833339	2692973	2775780	2.65	cps
Scandium	45-1	4600074	4630336	4551575	4593995	0.86	cps
Scandium	45-2	47055	47296	45534	46629	2.05	cps
Selenium	77-2	523	603	680	602	13.01	cps
Selenium	78-2	2174	2150	1926	2084	6.57	cps
Selenium	82-1	95542	95810	96762	96038	0.67	cps
Silicon	28-1	2007365	1963435	2006658	1992486	1.26	cps
Silver	109-1	7620926	7660518	7685973	7655806	0.43	cps
Silver	107-1	8041424	8066957	7995966	8034782	0.45	cps
Sodium	23-2	5746905	5811211	5833660	5797259	0.78	cps
Strontium	86-1	2000935	1980530	1990386	1990617	0.51	cps
Strontium	88-1	16889542	16786597	16871722	16849287	0.33	cps
Sulfur	34-1	514636	513998	515308	514647	0.13	cps
Terbium	159-1	12928857	12823615	12857061	12869845	0.42	cps
Terbium	159-2	2957364	2909231	2873983	2913526	1.44	cps
Thallium	203-1	6160003	6189354	6177578	6175645	0.24	cps
Thallium	205-1	14682168	14804972	14721424	14736188	0.43	cps
Tin	118-1	5344238	5261188	5283700	5296376	0.81	cps
Titanium	47-1	3384617	3386479	3309453	3360183	1.31	cps
Uranium	238-1	19080027	19149472	19332974	19187491	0.68	cps
Vanadium	51-2	541849	543383	548109	544447	0.60	cps
Yttrium	89-1	9649172	9546541	9703674	9633129	0.83	cps
Yttrium	89-2	340848	339130	328262	336080	2.03	cps
Zinc	66-2	257422	256576	258882	257627	0.45	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:02:30	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10457677	10499630	10471024	10476110	0.20	cps
Zirconium	91-1	2318884	2363232	2341263	2341126	0.95	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:05:54	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539553	543920	543542	542338	0.45	cps
Antimony	121-1	22395	20567	19031	20664	8.15	cps
Arsenic	75-2	33	48	56	46	24.78	cps
Barium	135-1	3209	3267	3067	3181	3.23	cps
Barium	137-1	5626	5518	5418	5521	1.89	cps
Beryllium	9-1	111	117	72	100	24.22	cps
Bismuth	209-1	7264603	7188567	7153974	7202382	0.79	cps
Bismuth	209-2	2326903	2372449	2385958	2361770	1.31	cps
Boron	10-1	1975	2217	1709	1967	12.93	cps
Boron	11-1	10488	8811	8803	9367	10.36	cps
Cadmium	111-1	1600	1706	1506	1604	6.27	cps
Cadmium	106-1	1792	1992	1667	1817	9.02	cps
Cadmium	108-1	54	54	46	51	9.37	cps
Calcium	43-1	7435418	7542945	7559633	7512666	0.90	cps
Calcium	44-1	123120907	125396940	126313699	124943849	1.32	cps
Chromium	52-2	40943	41746	41742	41477	1.11	cps
Cobalt	59-2	3240	3137	3177	3185	1.64	cps
Copper	63-2	6862	6788	6855	6835	0.59	cps
Dysprosium	156-1	67	75	75	72	6.66	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	83	42	50	58	37.80	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	100	75	58	78	26.96	cps
Gadolinium	160-2	30	10	23	21	48.24	cps
Holmium	165-1	12182906	12120624	12110353	12137961	0.32	cps
Holmium	165-2	3037372	3075312	3104059	3072247	1.09	cps
Indium	115-1	9173664	9170861	9190672	9178399	0.12	cps
Indium	115-2	444591	458797	459558	454315	1.86	cps
Iron	56-2	133632817	134447370	133489122	133856436	0.39	cps
Iron	57-2	3416435	3414478	3454173	3428362	0.65	cps
Krypton	83-1	450	490	467	469	4.29	cps
Lead	206-1	9971	9921	9632	9841	1.86	cps
Lead	207-1	8714	7981	8297	8331	4.42	cps
Lead	208-1	39887	38485	38045	38806	2.48	cps
Lithium	6-1	358320	364702	372946	365323	2.01	cps
Magnesium	24-2	12924926	13013804	13131279	13023336	0.79	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:05:54	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2204	2464	2174	2280	7.00	cps
Molybdenum	94-1	18288	18246	17095	17876	3.79	cps
Molybdenum	95-1	28773	28314	27946	28344	1.46	cps
Molybdenum	96-1	33526	32298	32097	32640	2.37	cps
Molybdenum	97-1	19423	18063	18321	18602	3.88	cps
Molybdenum	98-1	48044	45887	44917	46283	3.46	cps
Neodymium	150-1	60	67	120	82	40.00	cps
Neodymium	150-2	13	13	20	16	24.76	cps
Nickel	60-2	16080	16293	16230	16201	0.68	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	3680199	3677139	3669246	3675528	0.15	cps
Rhodium	103-1	8346411	8318574	8350201	8338395	0.21	cps
Rhodium	103-2	2646599	2745157	2798266	2730008	2.82	cps
Scandium	45-1	4851430	4939422	4902974	4897942	0.90	cps
Scandium	45-2	47731	50758	49909	49466	3.16	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	2	2	4	86.68	cps
Selenium	82-1	-20	-57	-14	-30	-76.69	cps
Silicon	28-1	221952	224720	222681	223117	0.64	cps
Silver	109-1	1684	1609	1358	1550	10.98	cps
Silver	107-1	1358	1642	1425	1475	10.04	cps
Sodium	23-2	30279242	30332037	30215972	30275750	0.19	cps
Strontium	86-1	67845	66832	67568	67415	0.78	cps
Strontium	88-1	580763	583435	584335	582844	0.32	cps
Sulfur	34-1	197326	199364	199548	198746	0.62	cps
Terbium	159-1	12500361	12413639	12454582	12456194	0.35	cps
Terbium	159-2	2900891	2950653	2975842	2942462	1.30	cps
Thallium	203-1	3517	3067	3317	3301	6.83	cps
Thallium	205-1	8703	8053	7903	8220	5.18	cps
Tin	118-1	10646	10897	10496	10680	1.89	cps
Titanium	47-1	1342	1308	1108	1253	10.07	cps
Uranium	238-1	5160	4926	4684	4923	4.83	cps
Vanadium	51-2	360	373	280	338	14.94	cps
Yttrium	89-1	9678600	9708008	9626522	9671043	0.43	cps
Yttrium	89-2	344536	357512	356119	352722	2.02	cps
Zinc	66-2	1233	1283	1247	1255	2.06	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:05:54	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4568	4526	3876	4323	8.98	cps
Zirconium	91-1	892	1017	900	936	7.47	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:21:48	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2675	2875	2725	2759	3.77	cps
Antimony	121-1	1474412	1479812	1487403	1480542	0.44	cps
Arsenic	75-2	18961	18600	18427	18663	1.46	cps
Barium	135-1	156237	154829	152430	154498	1.25	cps
Barium	137-1	267732	267289	264499	266506	0.66	cps
Beryllium	9-1	34492	35016	34358	34622	1.00	cps
Bismuth	209-1	7823457	7798226	7716313	7779332	0.72	cps
Bismuth	209-2	2574849	2372979	2562731	2503520	4.52	cps
Boron	10-1	24388	25014	24547	24650	1.32	cps
Boron	11-1	123294	125126	127363	125261	1.63	cps
Cadmium	111-1	167592	169772	170216	169193	0.83	cps
Cadmium	106-1	25918	26535	26352	26268	1.21	cps
Cadmium	108-1	14149	13999	14066	14072	0.53	cps
Calcium	43-1	29591	30593	29666	29950	1.86	cps
Calcium	44-1	491227	486139	486755	488040	0.57	cps
Chromium	52-2	76129	76695	76337	76387	0.37	cps
Cobalt	59-2	169990	171697	170601	170762	0.51	cps
Copper	63-2	151680	153170	151782	152211	0.55	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	100	50	83	34.65	cps
Erbium	164-2	17	17	23	19	20.36	cps
Gadolinium	160-1	33	17	67	39	65.47	cps
Gadolinium	160-2	13	27	20	20	33.35	cps
Holmium	165-1	12273319	12247792	12171278	12230796	0.43	cps
Holmium	165-2	3120348	2880419	3130765	3043844	4.65	cps
Indium	115-1	9883087	9585718	9676996	9715267	1.57	cps
Indium	115-2	475317	447550	472900	465256	3.31	cps
Iron	56-2	533936	535550	533672	534386	0.19	cps
Iron	57-2	13184	13790	13574	13516	2.27	cps
Krypton	83-1	553	520	527	533	3.31	cps
Lead	206-1	946459	939122	954970	946850	0.84	cps
Lead	207-1	825326	822681	830961	826323	0.51	cps
Lead	208-1	3901332	3847439	3864863	3871212	0.71	cps
Lithium	6-1	336693	337162	338594	337483	0.29	cps
Magnesium	24-2	30617	31110	31043	30924	0.86	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:21:48	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21917	21360	21971	21749	1.56	cps
Molybdenum	94-1	2878574	2893267	2861652	2877831	0.55	cps
Molybdenum	95-1	1628724	1619566	1613456	1620582	0.47	cps
Molybdenum	96-1	2061088	2092533	2042915	2065512	1.22	cps
Molybdenum	97-1	987438	991836	986692	988656	0.28	cps
Molybdenum	98-1	2596759	2598083	2582227	2592356	0.34	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	51221	51371	50943	51178	0.42	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	30593	30893	31912	31133	2.22	cps
Rhodium	103-1	9127756	9213448	9068343	9136516	0.80	cps
Rhodium	103-2	3055258	2848560	3007940	2970586	3.65	cps
Scandium	45-1	4831043	4721554	4720685	4757761	1.33	cps
Scandium	45-2	50296	46317	50390	49001	4.75	cps
Selenium	77-2	117	163	120	133	19.53	cps
Selenium	78-2	456	424	435	438	3.64	cps
Selenium	82-1	18742	19063	18851	18885	0.87	cps
Silicon	28-1	1166104	1168939	1160169	1165070	0.38	cps
Silver	109-1	756324	757199	764531	759351	0.59	cps
Silver	107-1	788412	789332	794610	790785	0.42	cps
Sodium	23-2	134236	133690	132024	133316	0.86	cps
Strontium	86-1	978635	991463	997108	989069	0.96	cps
Strontium	88-1	8678084	8646035	8733968	8686029	0.51	cps
Sulfur	34-1	190380	191084	191261	190908	0.24	cps
Terbium	159-1	12672122	12569551	12520068	12587247	0.62	cps
Terbium	159-2	3023505	2823071	2975339	2940638	3.56	cps
Thallium	203-1	1183685	1192356	1191891	1189311	0.41	cps
Thallium	205-1	2894272	2910593	2959164	2921343	1.16	cps
Tin	118-1	2740032	2712614	2730253	2727633	0.51	cps
Titanium	47-1	349109	345479	346627	347072	0.53	cps
Uranium	238-1	10269599	10222298	10294767	10262221	0.36	cps
Vanadium	51-2	54840	55771	54837	55149	0.98	cps
Yttrium	89-1	9857759	9817199	9882368	9852442	0.33	cps
Yttrium	89-2	357923	340246	359349	352506	3.02	cps
Zinc	66-2	27447	27090	27240	27259	0.66	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:21:48	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5398762	5381914	5333124	5371267	0.63	cps
Zirconium	91-1	1175335	1169648	1167731	1170905	0.34	cps

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 14:25:06 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	33	25	42	52.92	cps
Antimony	121-1	5218	4776	4126	4707	11.67	cps
Arsenic	75-2	4	11	7	7	50.02	cps
Barium	135-1	67	75	67	69	6.93	cps
Barium	137-1	108	108	150	122	19.68	cps
Beryllium	9-1	39	44	67	50	29.40	cps
Bismuth	209-1	7762140	7877438	7778814	7806131	0.80	cps
Bismuth	209-2	2561474	2544791	2427395	2511220	2.91	cps
Boron	10-1	700	700	492	631	19.08	cps
Boron	11-1	3409	3467	2984	3287	8.03	cps
Cadmium	111-1	1158	1073	1194	1142	5.44	cps
Cadmium	106-1	1642	1483	1659	1595	6.06	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Calcium	43-1	342	250	292	294	15.59	cps
Calcium	44-1	12081	12907	11964	12317	4.17	cps
Chromium	52-2	970	1067	883	973	9.42	cps
Cobalt	59-2	53	57	97	69	35.01	cps
Copper	63-2	483	467	373	441	13.44	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	42	50	56	31.22	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	75	50	33	53	39.74	cps
Gadolinium	160-2	10	23	7	13	66.12	cps
Holmium	165-1	12292070	12283612	12106904	12227529	0.86	cps
Holmium	165-2	3128702	3073702	2919640	3040681	3.56	cps
Indium	115-1	9714114	9800327	9786487	9766976	0.47	cps
Indium	115-2	475181	472543	450942	466222	2.85	cps
Iron	56-2	3250	3445	3395	3363	3.00	cps
Iron	57-2	61	94	100	85	24.70	cps
Krypton	83-1	620	483	497	533	14.13	cps
Lead	206-1	556	578	561	565	2.05	cps
Lead	207-1	572	494	472	513	10.24	cps
Lead	208-1	2284	2400	2233	2306	3.71	cps
Lithium	6-1	331135	335077	329679	331964	0.84	cps
Magnesium	24-2	183	142	217	181	20.81	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:25:06	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	43	73	60	25.47	cps
Molybdenum	94-1	1183	983	825	997	18.01	cps
Molybdenum	95-1	1042	1158	1000	1067	7.69	cps
Molybdenum	96-1	1292	1092	942	1108	15.84	cps
Molybdenum	97-1	925	833	708	822	13.23	cps
Molybdenum	98-1	1909	1692	1475	1692	12.81	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	60	40	117	72	55.06	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2684	2584	2817	2695	4.35	cps
Rhodium	103-1	9253203	9128030	9260510	9213914	0.81	cps
Rhodium	103-2	3014879	3002247	2881485	2966203	2.48	cps
Scandium	45-1	4780686	4868024	4834423	4827711	0.91	cps
Scandium	45-2	49795	48969	45722	48162	4.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-316	-154	-157	-209	-44.44	cps
Silicon	28-1	156876	153271	153414	154520	1.32	cps
Silver	109-1	192	183	125	167	21.79	cps
Silver	107-1	200	208	242	217	10.18	cps
Sodium	23-2	14074	13607	13874	13852	1.69	cps
Strontium	86-1	775	542	617	644	18.49	cps
Strontium	88-1	408	342	358	369	9.39	cps
Sulfur	34-1	190509	189987	190786	190427	0.21	cps
Terbium	159-1	12500591	12651447	12442304	12531447	0.86	cps
Terbium	159-2	3004368	2965112	2810778	2926753	3.50	cps
Thallium	203-1	875	833	842	850	2.59	cps
Thallium	205-1	1675	1634	1925	1745	9.04	cps
Tin	118-1	2759	2784	2259	2600	11.39	cps
Titanium	47-1	125	133	108	122	10.41	cps
Uranium	238-1	608	558	458	542	14.10	cps
Vanadium	51-2	3	23	30	19	73.49	cps
Yttrium	89-1	9866744	9908847	9851575	9875722	0.30	cps
Yttrium	89-2	354058	353209	332650	346639	3.50	cps
Zinc	66-2	30	13	23	22	37.76	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:25:06	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1458	1450	1142	1350	13.37	cps
Zirconium	91-1	367	208	292	289	27.42	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:28:28	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	476022	475272	475935	475743	0.09	cps
Antimony	121-1	10054	10063	9529	9882	3.09	cps
Arsenic	75-2	50	20	31	34	44.09	cps
Barium	135-1	2492	2184	2425	2367	6.86	cps
Barium	137-1	3784	3959	4067	3937	3.63	cps
Beryllium	9-1	139	128	111	126	11.10	cps
Bismuth	209-1	7453684	7487009	7412419	7451038	0.50	cps
Bismuth	209-2	2427790	2406267	2420582	2418213	0.45	cps
Boron	10-1	483	400	425	436	9.81	cps
Boron	11-1	2467	2167	2167	2267	7.64	cps
Cadmium	111-1	1527	1476	1458	1487	2.42	cps
Cadmium	106-1	1567	1567	1725	1620	5.64	cps
Cadmium	108-1	671	721	696	696	3.59	cps
Calcium	43-1	1354521	1344152	1360423	1353032	0.61	cps
Calcium	44-1	22239112	22555975	22333647	22376245	0.73	cps
Chromium	52-2	16820	16390	16964	16725	1.79	cps
Cobalt	59-2	1910	2187	2084	2060	6.79	cps
Copper	63-2	11842	11832	12025	11900	0.92	cps
Dysprosium	156-1	0	58	17	25	120.18	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	50	75	42	56	31.22	cps
Erbium	164-2	20	3	10	11	75.52	cps
Gadolinium	160-1	83	50	83	72	26.65	cps
Gadolinium	160-2	20	17	30	22	31.22	cps
Holmium	165-1	12219851	12399942	12318954	12312916	0.73	cps
Holmium	165-2	3081274	3092338	3079517	3084376	0.23	cps
Indium	115-1	9487753	9651736	9393174	9510888	1.38	cps
Indium	115-2	456341	459582	455067	456997	0.51	cps
Iron	56-2	52404343	50901221	51707651	51671072	1.46	cps
Iron	57-2	1305282	1301580	1305539	1304134	0.17	cps
Krypton	83-1	487	500	510	499	2.35	cps
Lead	206-1	23361	22754	23383	23166	1.54	cps
Lead	207-1	18519	17585	18191	18099	2.62	cps
Lead	208-1	87803	86167	86466	86812	1.00	cps
Lithium	6-1	310885	307199	308334	308806	0.61	cps
Magnesium	24-2	2508215	2539285	2550047	2532515	0.86	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:28:28	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1740	1703	1827	1757	3.61	cps
Molybdenum	94-1	3425517	3450443	3449785	3441915	0.41	cps
Molybdenum	95-1	5964923	6030007	5940844	5978591	0.77	cps
Molybdenum	96-1	6463219	6471868	6444913	6460000	0.21	cps
Molybdenum	97-1	3880922	3885236	3854096	3873418	0.44	cps
Molybdenum	98-1	9559492	9687267	9675793	9640851	0.73	cps
Neodymium	150-1	20	33	7	20	66.65	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	2970	2877	3014	2954	2.37	cps
Phosphorus	31-2	34760	34326	33866	34318	1.30	cps
Potassium	39-2	1422138	1402568	1414637	1413115	0.70	cps
Rhodium	103-1	8707487	8727218	8553476	8662727	1.10	cps
Rhodium	103-2	2877865	2863331	2887221	2876139	0.42	cps
Scandium	45-1	4616444	4594138	4602534	4604372	0.24	cps
Scandium	45-2	47517	48965	48955	48479	1.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-120	-125	-193	-146	-27.91	cps
Silicon	28-1	203069	201496	205238	203267	0.92	cps
Silver	109-1	650	717	792	720	9.85	cps
Silver	107-1	667	783	842	764	11.67	cps
Sodium	23-2	5764988	5759899	5822372	5782420	0.60	cps
Strontium	86-1	66480	66345	65098	65974	1.16	cps
Strontium	88-1	576852	572690	571249	573597	0.51	cps
Sulfur	34-1	1627425	1641678	1620446	1629850	0.66	cps
Terbium	159-1	12549239	12771109	12544996	12621782	1.02	cps
Terbium	159-2	2971364	2976210	2941398	2962991	0.64	cps
Thallium	203-1	1317	1208	1375	1300	6.51	cps
Thallium	205-1	2550	2584	3034	2723	9.92	cps
Tin	118-1	2709	2342	2575	2542	7.30	cps
Titanium	47-1	1345723	1331955	1313922	1330533	1.20	cps
Uranium	238-1	425	442	367	411	9.58	cps
Vanadium	51-2	70	103	103	92	20.87	cps
Yttrium	89-1	9795885	9725304	9713173	9744788	0.46	cps
Yttrium	89-2	353313	352758	348637	351569	0.73	cps
Zinc	66-2	1407	1557	1593	1519	6.51	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:28:28	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5118	4426	3792	4445	14.91	cps
Zirconium	91-1	1200	942	892	1011	16.37	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:31:45	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	477114	473205	480197	476839	0.73	cps
Antimony	121-1	159355	159584	159257	159399	0.11	cps
Arsenic	75-2	1750	1758	1746	1751	0.32	cps
Barium	135-1	33911	33385	33811	33702	0.83	cps
Barium	137-1	60279	60071	57501	59284	2.61	cps
Beryllium	9-1	6707	6930	6685	6774	2.00	cps
Bismuth	209-1	7518106	7344549	7438420	7433692	1.17	cps
Bismuth	209-2	2530044	2474988	2525161	2510064	1.21	cps
Boron	10-1	2650	2417	2459	2509	4.96	cps
Boron	11-1	12539	12973	12906	12806	1.82	cps
Cadmium	111-1	33607	33683	33607	33632	0.13	cps
Cadmium	106-1	5601	5068	5426	5365	5.07	cps
Cadmium	108-1	3175	3238	3042	3152	3.17	cps
Calcium	43-1	1360072	1391050	1382454	1377859	1.16	cps
Calcium	44-1	22763016	22294097	22088212	22381775	1.55	cps
Chromium	52-2	32357	32284	33059	32567	1.31	cps
Cobalt	59-2	35890	35626	35639	35718	0.42	cps
Copper	63-2	41813	41592	41265	41557	0.66	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	67	50	25	47	44.41	cps
Erbium	164-2	13	17	23	18	28.64	cps
Gadolinium	160-1	83	25	67	58	51.51	cps
Gadolinium	160-2	3	23	13	13	75.02	cps
Holmium	165-1	12202291	12179557	12194635	12192161	0.09	cps
Holmium	165-2	3159422	3108616	3158776	3142271	0.93	cps
Indium	115-1	9431343	9433041	9407343	9423909	0.15	cps
Indium	115-2	464500	459228	466225	463318	0.79	cps
Iron	56-2	51675719	51470418	51833886	51660008	0.35	cps
Iron	57-2	1305739	1309558	1304776	1306691	0.19	cps
Krypton	83-1	430	490	490	470	7.37	cps
Lead	206-1	118834	118700	119228	118921	0.23	cps
Lead	207-1	96419	97473	98026	97306	0.84	cps
Lead	208-1	454426	455014	459194	456212	0.57	cps
Lithium	6-1	312900	308432	318066	313133	1.54	cps
Magnesium	24-2	2550869	2461168	2544065	2518701	1.98	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:31:45	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5988	6055	6468	6170	4.22	cps
Molybdenum	94-1	3720900	3675015	3679297	3691737	0.69	cps
Molybdenum	95-1	6141899	6207300	6131690	6160296	0.67	cps
Molybdenum	96-1	6666236	6711008	6647991	6675078	0.49	cps
Molybdenum	97-1	3955119	3920263	3901387	3925590	0.69	cps
Molybdenum	98-1	9946948	9979714	9853594	9926752	0.66	cps
Neodymium	150-1	20	47	73	47	57.15	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	13527	13163	13080	13257	1.79	cps
Phosphorus	31-2	35195	34276	35128	34866	1.47	cps
Potassium	39-2	1389687	1411964	1429656	1410436	1.42	cps
Rhodium	103-1	8730503	8578008	8665984	8658165	0.88	cps
Rhodium	103-2	2900090	2849699	2927600	2892463	1.37	cps
Scandium	45-1	4622973	4471549	4579480	4558001	1.71	cps
Scandium	45-2	48969	47363	48290	48207	1.67	cps
Selenium	77-2	20	7	17	14	48.02	cps
Selenium	78-2	26	74	33	44	58.34	cps
Selenium	82-1	1881	1727	1672	1760	6.16	cps
Silicon	28-1	305678	305944	307723	306448	0.36	cps
Silver	109-1	142617	141959	142205	142260	0.23	cps
Silver	107-1	149783	152117	148898	150266	1.11	cps
Sodium	23-2	5752470	5784948	5867404	5801607	1.02	cps
Strontium	86-1	164268	165391	164792	164817	0.34	cps
Strontium	88-1	1433508	1439523	1421916	1431649	0.63	cps
Sulfur	34-1	1656010	1638673	1622043	1638909	1.04	cps
Terbium	159-1	12599546	12457241	12611735	12556174	0.68	cps
Terbium	159-2	3041481	2962265	3011112	3004953	1.33	cps
Thallium	203-1	118995	120131	118242	119123	0.80	cps
Thallium	205-1	286987	282980	282514	284161	0.87	cps
Tin	118-1	266684	267857	266431	266991	0.28	cps
Titanium	47-1	1382009	1369490	1366844	1372781	0.59	cps
Uranium	238-1	935709	934590	931871	934057	0.21	cps
Vanadium	51-2	10487	10641	10791	10640	1.43	cps
Yttrium	89-1	9693809	9506179	9674246	9624745	1.07	cps
Yttrium	89-2	351804	351870	355732	353135	0.64	cps
Zinc	66-2	4224	4037	4187	4150	2.38	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:31:45	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	523521	529048	523748	525439	0.60	cps
Zirconium	91-1	119302	119799	117649	118917	0.95	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P8
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:35:01	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	266714	272945	270510	270056	1.16	cps
Antimony	121-1	3914725	3993534	4023873	3977377	1.42	cps
Arsenic	75-2	48741	49196	49297	49078	0.60	cps
Barium	135-1	4114250	4086413	4084888	4095184	0.40	cps
Barium	137-1	7027398	7088861	7084764	7067007	0.49	cps
Beryllium	9-1	191958	190495	192484	191646	0.54	cps
Bismuth	209-1	7713219	7729669	7622169	7688352	0.75	cps
Bismuth	209-2	2512347	2429043	2502323	2481238	1.83	cps
Boron	10-1	23053	24271	23904	23743	2.63	cps
Boron	11-1	115471	120572	122193	119412	2.94	cps
Cadmium	111-1	833729	834237	836000	834655	0.14	cps
Cadmium	106-1	86192	86116	86644	86318	0.33	cps
Cadmium	108-1	57782	58414	58121	58105	0.54	cps
Calcium	43-1	3707655	3709272	3695393	3704107	0.20	cps
Calcium	44-1	60796668	61041049	60772224	60869981	0.24	cps
Chromium	52-2	422815	425015	421553	423128	0.41	cps
Cobalt	59-2	869594	874930	869405	871310	0.36	cps
Copper	63-2	1504823	1500264	1524890	1509992	0.87	cps
Dysprosium	156-1	83	75	75	78	6.19	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	17	58	58	44	54.12	cps
Erbium	164-2	23	23	13	20	28.87	cps
Gadolinium	160-1	58	75	67	67	12.49	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	12819425	12519665	12722714	12687268	1.21	cps
Holmium	165-2	3136819	3130969	3228716	3165501	1.73	cps
Indium	115-1	9651206	9620547	9595853	9622535	0.29	cps
Indium	115-2	467576	456078	471553	465069	1.73	cps
Iron	56-2	67486354	68012689	67912989	67804011	0.41	cps
Iron	57-2	1751323	1723332	1731491	1735382	0.83	cps
Krypton	83-1	463	467	517	482	6.20	cps
Lead	206-1	2567979	2529526	2506668	2534724	1.22	cps
Lead	207-1	2296145	2295326	2247174	2279548	1.23	cps
Lead	208-1	10384484	10287509	10172546	10281513	1.03	cps
Lithium	6-1	349099	354499	358931	354176	1.39	cps
Magnesium	24-2	6512433	6566750	6510742	6529975	0.49	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P8
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:35:01	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230585	230721	229195	230167	0.37	cps
Molybdenum	94-1	6514530	6520315	6551065	6528637	0.30	cps
Molybdenum	95-1	8005357	8077435	8051769	8044854	0.45	cps
Molybdenum	96-1	9090774	8975563	8976990	9014442	0.73	cps
Molybdenum	97-1	5166171	5206008	5202575	5191585	0.43	cps
Molybdenum	98-1	12996885	13046159	13026923	13023322	0.19	cps
Neodymium	150-1	160	100	147	136	23.24	cps
Neodymium	150-2	20	3	7	10	88.20	cps
Nickel	60-2	262392	263070	261666	262376	0.27	cps
Phosphorus	31-2	3834	3892	3592	3773	4.22	cps
Potassium	39-2	1864059	1892956	1884514	1880509	0.79	cps
Rhodium	103-1	8765921	8762247	8796170	8774779	0.21	cps
Rhodium	103-2	2876500	2784956	2919468	2860308	2.40	cps
Scandium	45-1	4943241	4936101	4956394	4945245	0.21	cps
Scandium	45-2	51197	49915	51029	50714	1.37	cps
Selenium	77-2	320	333	390	348	10.69	cps
Selenium	78-2	1074	1113	1135	1107	2.79	cps
Selenium	82-1	50000	49557	49659	49739	0.47	cps
Silicon	28-1	1272572	1294202	1291650	1286141	0.92	cps
Silver	109-1	3885186	3895290	3925725	3902067	0.54	cps
Silver	107-1	4098251	4134721	4123195	4118722	0.45	cps
Sodium	23-2	15319383	15294125	15366962	15326823	0.24	cps
Strontium	86-1	1027038	1022024	1038546	1029203	0.82	cps
Strontium	88-1	9079760	9027537	9011289	9039529	0.40	cps
Sulfur	34-1	364963	368919	363142	365674	0.81	cps
Terbium	159-1	12992826	12984011	13111445	13029428	0.55	cps
Terbium	159-2	3059356	2974725	3054767	3029616	1.57	cps
Thallium	203-1	3115005	3095921	3117410	3109445	0.38	cps
Thallium	205-1	7358193	7297650	7290480	7315441	0.51	cps
Tin	118-1	2720878	2747936	2735748	2734854	0.50	cps
Titanium	47-1	1807281	1817898	1794053	1806411	0.66	cps
Uranium	238-1	9609775	9586412	9526889	9574359	0.45	cps
Vanadium	51-2	295410	298413	298390	297404	0.58	cps
Yttrium	89-1	10070809	10076667	10148693	10098723	0.43	cps
Yttrium	89-2	358996	355067	364246	359436	1.28	cps
Zinc	66-2	135113	136507	135241	135620	0.57	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P8
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:35:01	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5447914	5498027	5461418	5469119	0.47	cps
Zirconium	91-1	1212420	1206181	1207107	1208569	0.28	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P8
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:41:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	25	31	31.50	cps
Antimony	121-1	3367	3167	3092	3209	4.43	cps
Arsenic	75-2	6	4	15	8	74.17	cps
Barium	135-1	33	117	58	69	61.58	cps
Barium	137-1	100	108	50	86	36.64	cps
Beryllium	9-1	50	61	44	52	16.36	cps
Bismuth	209-1	7902502	7445898	7716668	7688356	2.99	cps
Bismuth	209-2	2624069	2584267	2622625	2610321	0.86	cps
Boron	10-1	383	367	492	414	16.40	cps
Boron	11-1	2184	2242	2050	2159	4.55	cps
Cadmium	111-1	1316	1164	1016	1165	12.86	cps
Cadmium	106-1	1850	1625	1442	1639	12.48	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	300	325	283	303	6.93	cps
Calcium	44-1	13073	13065	12715	12951	1.58	cps
Chromium	52-2	980	1007	983	990	1.47	cps
Cobalt	59-2	70	57	70	66	11.74	cps
Copper	63-2	563	523	550	546	3.73	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	58	17	33	66.14	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	67	75	50	64	19.92	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	12285649	11800657	12195325	12093877	2.13	cps
Holmium	165-2	3154037	3090966	3138621	3127875	1.05	cps
Indium	115-1	9786529	9397369	9596111	9593337	2.03	cps
Indium	115-2	472664	471782	471145	471864	0.16	cps
Iron	56-2	3073	3323	3228	3208	3.94	cps
Iron	57-2	122	83	61	89	34.80	cps
Krypton	83-1	487	563	547	532	7.58	cps
Lead	206-1	739	606	711	685	10.27	cps
Lead	207-1	711	611	678	667	7.64	cps
Lead	208-1	3034	2711	3039	2928	6.41	cps
Lithium	6-1	348076	331152	342562	340597	2.53	cps
Magnesium	24-2	283	208	225	239	16.48	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P8
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:41:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	30	50	49	37.55	cps
Molybdenum	94-1	1167	1225	950	1114	13.01	cps
Molybdenum	95-1	1183	1392	917	1164	20.46	cps
Molybdenum	96-1	1383	1417	1367	1389	1.83	cps
Molybdenum	97-1	1125	883	942	983	12.82	cps
Molybdenum	98-1	1925	2042	1558	1842	13.70	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	103	87	90	13.36	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	2642	2817	2600	2687	4.28	cps
Rhodium	103-1	9134031	8621406	8977840	8911092	2.95	cps
Rhodium	103-2	2968377	2995984	3010668	2991676	0.72	cps
Scandium	45-1	4823731	4558026	4586396	4656051	3.13	cps
Scandium	45-2	48085	47674	48337	48032	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-168	-229	-189	-195	-15.80	cps
Silicon	28-1	156935	158309	156150	157131	0.70	cps
Silver	109-1	400	525	483	469	13.56	cps
Silver	107-1	525	350	433	436	20.07	cps
Sodium	23-2	15217	14491	14875	14861	2.44	cps
Strontium	86-1	517	708	583	603	16.14	cps
Strontium	88-1	142	142	217	167	25.98	cps
Sulfur	34-1	187595	186531	188078	187401	0.42	cps
Terbium	159-1	12714768	11948574	12565484	12409609	3.27	cps
Terbium	159-2	2969065	3020010	2994286	2994454	0.85	cps
Thallium	203-1	1042	900	767	903	15.23	cps
Thallium	205-1	2575	2100	1809	2161	17.91	cps
Tin	118-1	1667	1467	1592	1575	6.42	cps
Titanium	47-1	75	67	67	69	6.93	cps
Uranium	238-1	83	233	158	158	47.37	cps
Vanadium	51-2	23	7	10	13	66.12	cps
Yttrium	89-1	9839196	9473802	9582519	9631839	1.95	cps
Yttrium	89-2	351708	346213	350682	349534	0.84	cps
Zinc	66-2	17	40	13	23	62.27	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P8
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:41:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1300	1375	1183	1286	7.51	cps
Zirconium	91-1	208	317	292	272	20.84	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:45:10	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	200	183	186	6.84	cps
Antimony	121-1	16236	16961	15977	16391	3.11	cps
Arsenic	75-2	124	83	80	96	25.78	cps
Barium	135-1	14700	14434	14984	14706	1.87	cps
Barium	137-1	26611	26929	25768	26436	2.27	cps
Beryllium	9-1	433	278	383	365	21.77	cps
Bismuth	209-1	7981240	7806048	7887381	7891556	1.11	cps
Bismuth	209-2	2567072	2574019	2502620	2547904	1.55	cps
Boron	10-1	1300	1433	1275	1336	6.37	cps
Boron	11-1	6660	6177	6502	6446	3.82	cps
Cadmium	111-1	2890	2687	2777	2785	3.65	cps
Cadmium	106-1	2000	1742	1967	1903	7.38	cps
Cadmium	108-1	133	129	179	147	18.84	cps
Calcium	43-1	6619	6710	6902	6744	2.14	cps
Calcium	44-1	123406	123423	122835	123221	0.27	cps
Chromium	52-2	2637	2490	2600	2576	2.96	cps
Cobalt	59-2	1663	1737	1630	1677	3.25	cps
Copper	63-2	3691	3527	3501	3573	2.88	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	83	50	42	58	37.80	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	12420373	12208355	12369997	12332908	0.90	cps
Holmium	165-2	3074518	3093063	3003716	3057099	1.54	cps
Indium	115-1	9848533	9781030	9833727	9821097	0.36	cps
Indium	115-2	468651	470265	454774	464563	1.83	cps
Iron	56-2	29983	29276	29298	29519	1.36	cps
Iron	57-2	800	700	728	743	6.95	cps
Krypton	83-1	497	463	533	498	7.03	cps
Lead	206-1	5451	5196	5257	5301	2.52	cps
Lead	207-1	4857	4762	4662	4760	2.04	cps
Lead	208-1	22192	21102	21608	21634	2.52	cps
Lithium	6-1	348829	341825	345830	345495	1.02	cps
Magnesium	24-2	12614	12223	13015	12617	3.14	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:45:10	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	270	333	283	296	11.30	cps
Molybdenum	94-1	13115	13232	13341	13229	0.85	cps
Molybdenum	95-1	15326	16169	15685	15726	2.69	cps
Molybdenum	96-1	17070	17362	17604	17345	1.54	cps
Molybdenum	97-1	10221	10221	10054	10165	0.95	cps
Molybdenum	98-1	24139	25275	25216	24877	2.57	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	597	633	593	608	3.65	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	9487	9270	9804	9520	2.82	cps
Rhodium	103-1	9100845	9036073	9156204	9097707	0.66	cps
Rhodium	103-2	2977379	3037319	2907373	2974024	2.19	cps
Scandium	45-1	4842389	4731180	4748548	4774039	1.25	cps
Scandium	45-2	47794	48079	46611	47495	1.64	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	15	7	15	12	34.63	cps
Selenium	82-1	298	354	248	300	17.63	cps
Silicon	28-1	183328	184621	185388	184446	0.56	cps
Silver	109-1	7452	7177	7986	7539	5.45	cps
Silver	107-1	8295	7886	8028	8069	2.57	cps
Sodium	23-2	42331	41286	43183	42267	2.25	cps
Strontium	86-1	2234	2842	2392	2489	12.68	cps
Strontium	88-1	17721	16778	16669	17056	3.39	cps
Sulfur	34-1	188483	187122	188831	188145	0.48	cps
Terbium	159-1	12794356	12450240	12782397	12675664	1.54	cps
Terbium	159-2	2971487	2998440	2869294	2946407	2.31	cps
Thallium	203-1	6719	6569	6043	6444	5.50	cps
Thallium	205-1	16161	16161	15093	15805	3.90	cps
Tin	118-1	26026	26895	26436	26452	1.64	cps
Titanium	47-1	3509	3776	3576	3620	3.83	cps
Uranium	238-1	17062	17263	17471	17265	1.18	cps
Vanadium	51-2	2460	2594	2627	2560	3.45	cps
Yttrium	89-1	9975332	9709611	9803357	9829433	1.37	cps
Yttrium	89-2	351099	352884	342948	348977	1.52	cps
Zinc	66-2	323	340	320	328	3.27	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:45:10	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11897	12073	12339	12103	1.84	cps
Zirconium	91-1	2325	2767	2434	2509	9.18	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109435BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:56:44	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	8	25	66.68	cps
Antimony	121-1	667	700	633	667	5.00	cps
Arsenic	75-2	6	4	9	6	45.85	cps
Barium	135-1	58	33	33	42	34.65	cps
Barium	137-1	50	33	58	47	26.97	cps
Beryllium	9-1	6	28	28	20	62.97	cps
Bismuth	209-1	7619988	7696664	7469244	7595299	1.52	cps
Bismuth	209-2	2516448	2537742	2481986	2512059	1.12	cps
Boron	10-1	275	267	175	239	23.23	cps
Boron	11-1	1058	1000	933	997	6.27	cps
Cadmium	111-1	1150	982	955	1029	10.28	cps
Cadmium	106-1	1634	1392	1350	1458	10.49	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	317	217	250	261	19.50	cps
Calcium	44-1	12273	12239	12097	12203	0.76	cps
Chromium	52-2	977	967	917	953	3.37	cps
Cobalt	59-2	43	60	57	53	16.54	cps
Copper	63-2	447	490	443	460	5.66	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	33	67	44	43.30	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	42	58	83	61	34.32	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	12009346	12331417	11708096	12016287	2.59	cps
Holmium	165-2	3018634	3063103	2980580	3020772	1.37	cps
Indium	115-1	9445976	9535594	9307432	9429667	1.22	cps
Indium	115-2	463205	464116	456858	461393	0.86	cps
Iron	56-2	2495	2439	2467	2467	1.13	cps
Iron	57-2	61	72	89	74	18.88	cps
Krypton	83-1	490	490	460	480	3.61	cps
Lead	206-1	350	472	383	402	15.72	cps
Lead	207-1	411	406	400	406	1.37	cps
Lead	208-1	1633	1778	1839	1750	6.03	cps
Lithium	6-1	332031	337766	331618	333805	1.03	cps
Magnesium	24-2	192	175	142	169	15.02	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109435BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:56:44	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	57	40	59	34.12	cps
Molybdenum	94-1	567	442	500	503	12.44	cps
Molybdenum	95-1	317	233	350	300	20.03	cps
Molybdenum	96-1	358	333	317	336	6.24	cps
Molybdenum	97-1	483	317	558	453	27.32	cps
Molybdenum	98-1	450	542	508	500	9.28	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	77	63	62	24.16	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2775	2609	2784	2723	3.63	cps
Rhodium	103-1	8849686	9043064	8737189	8876646	1.74	cps
Rhodium	103-2	2983126	2962404	2910993	2952174	1.26	cps
Scandium	45-1	4650595	4720849	4613872	4661772	1.17	cps
Scandium	45-2	47497	47962	46774	47411	1.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	4	5	21.74	cps
Selenium	82-1	-141	-143	-108	-131	-14.93	cps
Silicon	28-1	155183	156204	155316	155568	0.36	cps
Silver	109-1	83	92	92	89	5.41	cps
Silver	107-1	108	117	133	119	10.66	cps
Sodium	23-2	12531	12381	13499	12804	4.74	cps
Strontium	86-1	458	600	533	531	13.36	cps
Strontium	88-1	100	83	225	136	56.89	cps
Sulfur	34-1	189633	190812	190045	190163	0.31	cps
Terbium	159-1	12177622	12494184	12071183	12247663	1.80	cps
Terbium	159-2	2907255	2897363	2893399	2899339	0.25	cps
Thallium	203-1	442	583	333	453	27.69	cps
Thallium	205-1	942	1008	833	928	9.52	cps
Tin	118-1	1275	1417	1308	1333	5.56	cps
Titanium	47-1	83	92	92	89	5.41	cps
Uranium	238-1	50	17	8	25	88.19	cps
Vanadium	51-2	13	13	3	10	57.75	cps
Yttrium	89-1	9680490	9678521	9261099	9540036	2.53	cps
Yttrium	89-2	344798	345445	339985	343409	0.87	cps
Zinc	66-2	17	27	20	21	24.12	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109435BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 14:56:44	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	892	792	750	811	8.98	cps
Zirconium	91-1	142	150	208	167	21.80	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109436BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:02:44	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	17	0	28	124.89	cps
Antimony	121-1	392	375	392	386	2.49	cps
Arsenic	75-2	2	0	2	1	86.60	cps
Barium	135-1	33	75	17	42	72.10	cps
Barium	137-1	17	67	50	44	57.28	cps
Beryllium	9-1	17	28	22	22	25.00	cps
Bismuth	209-1	7570120	7670923	7651251	7630765	0.70	cps
Bismuth	209-2	2486437	2485825	2486030	2486097	0.01	cps
Boron	10-1	150	167	125	147	14.24	cps
Boron	11-1	700	683	825	736	10.52	cps
Cadmium	111-1	992	1144	1055	1064	7.20	cps
Cadmium	106-1	1425	1625	1492	1514	6.73	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	292	267	300	286	6.06	cps
Calcium	44-1	11464	12198	12172	11945	3.49	cps
Chromium	52-2	1033	1013	940	996	4.94	cps
Cobalt	59-2	63	67	50	60	14.70	cps
Copper	63-2	473	423	440	446	5.71	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	7	3	17	9	78.08	cps
Holmium	165-1	11993345	12064062	11903388	11986932	0.67	cps
Holmium	165-2	3007718	3031998	3010699	3016805	0.44	cps
Indium	115-1	9374319	9659351	9501525	9511731	1.50	cps
Indium	115-2	459858	463007	460479	461114	0.36	cps
Iron	56-2	2806	2495	2628	2643	5.91	cps
Iron	57-2	89	83	100	91	9.35	cps
Krypton	83-1	497	453	487	479	4.74	cps
Lead	206-1	372	322	456	383	17.57	cps
Lead	207-1	339	344	294	326	8.41	cps
Lead	208-1	1467	1311	1389	1389	5.60	cps
Lithium	6-1	326456	333344	326749	328850	1.18	cps
Magnesium	24-2	175	108	150	144	23.32	cps

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : PB109436BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 15:02:44 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	40	70	63	32.87	cps
Molybdenum	94-1	425	275	433	378	23.59	cps
Molybdenum	95-1	150	158	175	161	7.90	cps
Molybdenum	96-1	275	283	350	303	13.58	cps
Molybdenum	97-1	308	333	317	319	3.99	cps
Molybdenum	98-1	183	242	275	233	19.89	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	77	77	70	16.49	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2467	2575	2675	2573	4.05	cps
Rhodium	103-1	8782777	8937536	8918532	8879615	0.95	cps
Rhodium	103-2	2924238	2926150	2892076	2914155	0.66	cps
Scandium	45-1	4578870	4626569	4567386	4590941	0.68	cps
Scandium	45-2	47677	47055	47433	47389	0.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-158	-125	-166	-150	-14.52	cps
Silicon	28-1	153640	154678	155335	154551	0.55	cps
Silver	109-1	133	58	58	83	51.96	cps
Silver	107-1	142	100	100	114	21.12	cps
Sodium	23-2	13532	13791	13399	13574	1.47	cps
Strontium	86-1	600	525	450	525	14.29	cps
Strontium	88-1	92	150	92	111	30.31	cps
Sulfur	34-1	187063	188870	191286	189073	1.12	cps
Terbium	159-1	12435952	12337458	12399867	12391092	0.40	cps
Terbium	159-2	2917906	2852591	2863231	2877910	1.22	cps
Thallium	203-1	333	358	333	342	4.23	cps
Thallium	205-1	833	600	775	736	16.50	cps
Tin	118-1	1083	1250	1342	1225	10.69	cps
Titanium	47-1	133	100	150	128	19.92	cps
Uranium	238-1	58	33	25	39	44.62	cps
Vanadium	51-2	17	17	3	12	63.01	cps
Yttrium	89-1	9519557	9589307	9658839	9589234	0.73	cps
Yttrium	89-2	345166	344188	341325	343559	0.58	cps
Zinc	66-2	7	13	23	14	58.06	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109436BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:02:44	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	775	692	703	9.58	cps
Zirconium	91-1	175	183	142	167	13.23	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109436BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:06:05	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	192	233	203	13.21	cps
Antimony	121-1	37918	32842	31822	34194	9.55	cps
Arsenic	75-2	193	183	220	199	9.69	cps
Barium	135-1	40289	33845	31881	35338	12.45	cps
Barium	137-1	68534	59770	54765	61023	11.42	cps
Beryllium	9-1	1178	1039	744	987	22.42	cps
Bismuth	209-1	8039143	8478588	8304841	8274191	2.67	cps
Bismuth	209-2	2795291	2597330	2692188	2694936	3.67	cps
Boron	10-1	1934	2367	2292	2198	10.54	cps
Boron	11-1	10546	11905	11930	11461	6.91	cps
Cadmium	111-1	6219	5274	4412	5302	17.04	cps
Cadmium	106-1	2059	2042	1884	1995	4.84	cps
Cadmium	108-1	379	258	254	297	23.89	cps
Calcium	43-1	19384	15877	14642	16634	14.79	cps
Calcium	44-1	330065	272276	244461	282267	15.47	cps
Chromium	52-2	4391	4214	4341	4315	2.11	cps
Cobalt	59-2	3647	3647	3604	3633	0.69	cps
Copper	63-2	6805	6622	6612	6679	1.63	cps
Dysprosium	156-1	108	17	17	47	112.07	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	42	92	58	64	39.85	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	108	83	75	89	19.52	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	12912999	13413091	13198548	13174879	1.90	cps
Holmium	165-2	3309562	3156270	3249052	3238295	2.38	cps
Indium	115-1	10057685	10752736	10493347	10434589	3.37	cps
Indium	115-2	508591	474654	495410	492885	3.47	cps
Iron	56-2	211327	210377	211056	210920	0.23	cps
Iron	57-2	5407	5146	5207	5253	2.60	cps
Krypton	83-1	563	480	547	530	8.32	cps
Lead	206-1	26981	12997	10127	16701	53.99	cps
Lead	207-1	22264	11812	9281	14452	47.62	cps
Lead	208-1	102931	53155	41923	66003	49.19	cps
Lithium	6-1	386700	367613	362467	372260	3.43	cps
Magnesium	24-2	26901	27010	26142	26684	1.77	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109436BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:06:05	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	487	513	497	499	2.70	cps
Molybdenum	94-1	38635	28515	26335	31161	21.06	cps
Molybdenum	95-1	47280	35649	31512	38147	21.43	cps
Molybdenum	96-1	51921	38841	34896	41886	21.28	cps
Molybdenum	97-1	29308	23488	20358	24384	18.63	cps
Molybdenum	98-1	74692	56883	50780	60785	20.44	cps
Neodymium	150-1	80	0	7	29	153.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1173	1200	1147	1173	2.27	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	17720	17245	17662	17542	1.48	cps
Rhodium	103-1	9581431	9789211	9671376	9680673	1.08	cps
Rhodium	103-2	3225541	2981020	3167889	3124817	4.09	cps
Scandium	45-1	5013719	5300318	5044257	5119431	3.07	cps
Scandium	45-2	51856	49300	52080	51078	3.02	cps
Selenium	77-2	17	7	3	9	78.08	cps
Selenium	78-2	20	20	13	18	23.90	cps
Selenium	82-1	795	873	788	819	5.78	cps
Silicon	28-1	244287	229371	224161	232606	4.49	cps
Silver	109-1	17763	17070	15985	16939	5.29	cps
Silver	107-1	18464	17570	17112	17715	3.88	cps
Sodium	23-2	74806	75374	73699	74626	1.14	cps
Strontium	86-1	7386	5468	4593	5816	24.57	cps
Strontium	88-1	56728	40714	36525	44656	23.88	cps
Sulfur	34-1	198448	200756	201119	200108	0.72	cps
Terbium	159-1	13014293	13838356	13434425	13429024	3.07	cps
Terbium	159-2	3227010	2968171	3157798	3117659	4.30	cps
Thallium	203-1	20240	14517	12874	15877	24.35	cps
Thallium	205-1	47687	33513	30671	37290	24.44	cps
Tin	118-1	56406	58528	55273	56736	2.91	cps
Titanium	47-1	17255	8378	7302	10979	49.76	cps
Uranium	238-1	66999	42972	36906	48959	32.51	cps
Vanadium	51-2	5828	5665	5575	5689	2.26	cps
Yttrium	89-1	10089174	10890177	10603954	10527769	3.86	cps
Yttrium	89-2	380253	351441	370829	367507	4.00	cps
Zinc	66-2	640	567	587	598	6.34	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109436BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:06:05	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	32564	24857	23463	26961	18.18	cps
Zirconium	91-1	6902	5510	5101	5838	16.18	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109435BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:13:12	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	175	292	253	26.65	cps
Antimony	121-1	30336	30878	30202	30472	1.18	cps
Arsenic	75-2	191	204	213	202	5.52	cps
Barium	135-1	30912	30812	30294	30673	1.08	cps
Barium	137-1	53995	54203	55116	54438	1.09	cps
Beryllium	9-1	911	806	733	817	10.95	cps
Bismuth	209-1	7998590	8030397	8095779	8041589	0.62	cps
Bismuth	209-2	2557204	2624165	2645888	2609086	1.77	cps
Boron	10-1	2359	2017	2250	2209	7.91	cps
Boron	11-1	10704	11630	11855	11397	5.35	cps
Cadmium	111-1	4347	4495	4120	4321	4.37	cps
Cadmium	106-1	1975	2000	1784	1920	6.18	cps
Cadmium	108-1	213	163	238	204	18.71	cps
Calcium	43-1	14867	14291	14625	14594	1.98	cps
Calcium	44-1	240370	242137	245179	242562	1.00	cps
Chromium	52-2	4151	4394	4391	4312	3.24	cps
Cobalt	59-2	3340	3667	3674	3561	5.35	cps
Copper	63-2	6852	6472	6868	6731	3.33	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	83	67	50	67	25.00	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	42	25	67	44	47.19	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	12653266	12527522	12477714	12552834	0.72	cps
Holmium	165-2	3007990	3184791	3226642	3139807	3.70	cps
Indium	115-1	10003240	10074487	10029948	10035892	0.36	cps
Indium	115-2	465593	485919	483200	478237	2.31	cps
Iron	56-2	206376	206152	208914	207147	0.74	cps
Iron	57-2	5168	5173	5112	5151	0.66	cps
Krypton	83-1	530	487	467	494	6.55	cps
Lead	206-1	10093	9854	10321	10090	2.31	cps
Lead	207-1	9343	9237	9343	9307	0.65	cps
Lead	208-1	41912	41049	40876	41279	1.34	cps
Lithium	6-1	352911	351556	353072	352513	0.24	cps
Magnesium	24-2	26734	26133	26826	26564	1.42	cps

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : PB109435BS Instrumnet Name : P8
 Client Sample ID : LCS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 15:13:12 DataFile Name : 025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	467	540	503	503	7.29	cps
Molybdenum	94-1	27094	25124	25617	25945	3.95	cps
Molybdenum	95-1	30803	31730	31863	31465	1.84	cps
Molybdenum	96-1	34479	35055	33384	34306	2.47	cps
Molybdenum	97-1	19315	18780	19064	19053	1.40	cps
Molybdenum	98-1	48915	50068	51382	50121	2.46	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1260	1203	1183	1216	3.27	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	17445	17495	17704	17548	0.78	cps
Rhodium	103-1	9415333	9336673	9397971	9383326	0.44	cps
Rhodium	103-2	2942789	3067472	3057675	3022646	2.29	cps
Scandium	45-1	4934871	4901477	4915895	4917414	0.34	cps
Scandium	45-2	48404	50183	49587	49391	1.83	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	39	22	33	31	26.96	cps
Selenium	82-1	827	860	863	850	2.37	cps
Silicon	28-1	223985	217096	221562	220881	1.58	cps
Silver	109-1	15627	15551	15518	15565	0.36	cps
Silver	107-1	16068	16644	16953	16555	2.71	cps
Sodium	23-2	73030	72167	75133	73443	2.08	cps
Strontium	86-1	4801	4734	4793	4776	0.76	cps
Strontium	88-1	34587	35447	35071	35035	1.23	cps
Sulfur	34-1	205583	205792	205651	205676	0.05	cps
Terbium	159-1	12992783	12931869	12984979	12969877	0.26	cps
Terbium	159-2	2894605	3042452	3062426	2999828	3.06	cps
Thallium	203-1	11814	11481	12423	11906	4.01	cps
Thallium	205-1	30872	29978	29343	30065	2.55	cps
Tin	118-1	53618	52931	54135	53561	1.13	cps
Titanium	47-1	6985	7436	6785	7069	4.71	cps
Uranium	238-1	35694	36179	36204	36025	0.80	cps
Vanadium	51-2	5781	5741	5688	5737	0.82	cps
Yttrium	89-1	9999624	10016040	10102602	10039422	0.55	cps
Yttrium	89-2	347515	360573	360335	356141	2.10	cps
Zinc	66-2	617	623	623	621	0.62	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109435BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:13:12	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	21660	22302	22202	22055	1.57	cps
Zirconium	91-1	4876	5051	4868	4932	2.10	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:16:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110949	110546	110428	110641	0.25	cps
Antimony	121-1	203283	236336	201514	213711	9.18	cps
Arsenic	75-2	5346	4982	5088	5139	3.63	cps
Barium	135-1	909557	894694	888877	897709	1.19	cps
Barium	137-1	1604075	1581344	1602752	1596057	0.80	cps
Beryllium	9-1	628	622	578	609	4.50	cps
Bismuth	209-1	7805728	7789433	7799079	7798080	0.11	cps
Bismuth	209-2	2394648	2520746	2509140	2474845	2.82	cps
Boron	10-1	775	700	650	708	8.88	cps
Boron	11-1	3634	4126	3526	3762	8.50	cps
Cadmium	111-1	186495	186209	186012	186239	0.13	cps
Cadmium	106-1	18263	18413	18363	18346	0.42	cps
Cadmium	108-1	12468	11634	12573	12225	4.21	cps
Calcium	43-1	81277	79048	80582	80303	1.42	cps
Calcium	44-1	1375666	1337803	1343193	1352220	1.51	cps
Chromium	52-2	156649	157659	153134	155814	1.52	cps
Cobalt	59-2	86169	86862	86558	86530	0.40	cps
Copper	63-2	6894298	6815243	6798117	6835886	0.75	cps
Dysprosium	156-1	41400	41375	42838	41871	2.00	cps
Dysprosium	156-2	10594	10494	10484	10524	0.58	cps
Erbium	164-1	38934	38475	37647	38352	1.70	cps
Erbium	164-2	8753	8790	8860	8801	0.62	cps
Gadolinium	160-1	39135	41910	39954	40333	3.54	cps
Gadolinium	160-2	12716	12643	12690	12683	0.29	cps
Holmium	165-1	12554829	12242184	12349956	12382323	1.28	cps
Holmium	165-2	2952162	3088688	3030876	3023909	2.27	cps
Indium	115-1	9731196	9638720	9670764	9680227	0.49	cps
Indium	115-2	446384	463456	459297	456379	1.95	cps
Iron	56-2	93271735	92631810	92250988	92718178	0.56	cps
Iron	57-2	2395863	2352871	2333029	2360588	1.36	cps
Krypton	83-1	573	550	507	543	6.23	cps
Lead	206-1	16203615	16138828	16075114	16139186	0.40	cps
Lead	207-1	13500014	13424573	13569667	13498085	0.54	cps
Lead	208-1	63334079	63342251	63272380	63316236	0.06	cps
Lithium	6-1	323648	318799	321860	321436	0.76	cps
Magnesium	24-2	123373	122055	122482	122637	0.55	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:16:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	471287	467464	461686	466813	1.04	cps
Molybdenum	94-1	57608	55648	56803	56686	1.74	cps
Molybdenum	95-1	80900	80414	78485	79933	1.60	cps
Molybdenum	96-1	90610	91059	88723	90131	1.38	cps
Molybdenum	97-1	50453	51340	50587	50793	0.94	cps
Molybdenum	98-1	131111	127446	129069	129209	1.42	cps
Neodymium	150-1	63433	62858	63440	63244	0.53	cps
Neodymium	150-2	10021	9680	9674	9792	2.03	cps
Nickel	60-2	245066	247865	243865	245599	0.84	cps
Phosphorus	31-2	842	758	617	739	15.40	cps
Potassium	39-2	19723	19532	19439	19565	0.74	cps
Rhodium	103-1	9047791	8835547	8927703	8937014	1.19	cps
Rhodium	103-2	2899574	2960320	2951555	2937150	1.12	cps
Scandium	45-1	4720341	4637528	4586052	4647974	1.46	cps
Scandium	45-2	47206	48517	47938	47887	1.37	cps
Selenium	77-2	53	40	67	53	25.00	cps
Selenium	78-2	30	30	22	27	15.75	cps
Selenium	82-1	83	101	128	104	21.56	cps
Silicon	28-1	4477147	4085979	4279953	4281027	4.57	cps
Silver	109-1	71239	69547	70803	70530	1.25	cps
Silver	107-1	73443	73073	74246	73587	0.82	cps
Sodium	23-2	28239	27670	26075	27328	4.11	cps
Strontium	86-1	97018	96188	95383	96196	0.85	cps
Strontium	88-1	834764	833834	838139	835579	0.27	cps
Sulfur	34-1	195708	192144	187917	191923	2.03	cps
Terbium	159-1	12810701	12570804	12737169	12706224	0.97	cps
Terbium	159-2	2872007	2966162	2995872	2944680	2.20	cps
Thallium	203-1	3467	3876	4309	3884	10.84	cps
Thallium	205-1	8428	8895	9679	9001	7.02	cps
Tin	118-1	742805	745832	765690	751442	1.65	cps
Titanium	47-1	211402	201047	202392	204947	2.75	cps
Uranium	238-1	33404	33797	33990	33730	0.88	cps
Vanadium	51-2	45434	45082	45096	45204	0.44	cps
Yttrium	89-1	10478801	10357053	10429702	10421852	0.59	cps
Yttrium	89-2	361023	370914	365641	365859	1.35	cps
Zinc	66-2	512658	511183	508297	510713	0.43	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:16:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	29230	28892	30639	29587	3.13	cps
Zirconium	91-1	7291	6294	7053	6879	7.58	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:19:47	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81251	80453	80689	80798	0.51	cps
Antimony	121-1	366061	365767	360811	364213	0.81	cps
Arsenic	75-2	1732	1724	1759	1738	1.07	cps
Barium	135-1	634841	633336	625883	631353	0.76	cps
Barium	137-1	1118442	1106320	1093535	1106099	1.13	cps
Beryllium	9-1	478	517	444	480	7.54	cps
Bismuth	209-1	8110285	7959695	7784491	7951490	2.05	cps
Bismuth	209-2	2476735	2473761	2457134	2469210	0.43	cps
Boron	10-1	208	317	267	264	20.55	cps
Boron	11-1	1684	1784	1700	1722	3.11	cps
Cadmium	111-1	11053	11058	10612	10908	2.35	cps
Cadmium	106-1	2842	2817	2450	2703	8.11	cps
Cadmium	108-1	658	775	754	729	8.53	cps
Calcium	43-1	58046	57929	57628	57868	0.37	cps
Calcium	44-1	979574	971292	957491	969453	1.15	cps
Chromium	52-2	62577	61394	61712	61894	0.99	cps
Cobalt	59-2	36023	36361	36003	36129	0.56	cps
Copper	63-2	1652683	1631556	1628443	1637561	0.81	cps
Dysprosium	156-1	30403	29810	42879	34364	21.48	cps
Dysprosium	156-2	7439	7466	7522	7476	0.57	cps
Erbium	164-1	25751	25559	24775	25362	2.04	cps
Erbium	164-2	5608	5715	5781	5701	1.53	cps
Gadolinium	160-1	28850	28624	27697	28390	2.15	cps
Gadolinium	160-2	9057	8803	8666	8842	2.24	cps
Holmium	165-1	12749265	12541721	12334121	12541702	1.66	cps
Holmium	165-2	2949249	3026444	2995985	2990559	1.30	cps
Indium	115-1	9837084	9640792	9584743	9687540	1.37	cps
Indium	115-2	449738	447508	449497	448914	0.27	cps
Iron	56-2	31966591	31301547	31354969	31541036	1.17	cps
Iron	57-2	804867	793463	787678	795336	1.10	cps
Krypton	83-1	430	463	583	492	16.39	cps
Lead	206-1	6662840	6603620	6600153	6622204	0.53	cps
Lead	207-1	5610047	5632379	5509785	5584070	1.17	cps
Lead	208-1	26147239	26172949	25742350	26020846	0.93	cps
Lithium	6-1	336177	335012	334357	335182	0.27	cps
Magnesium	24-2	159226	156881	156933	157680	0.85	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:19:47	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	252142	251218	246497	249952	1.21	cps
Molybdenum	94-1	26051	23606	23566	24407	5.83	cps
Molybdenum	95-1	29968	29416	30452	29945	1.73	cps
Molybdenum	96-1	33710	33927	34771	34136	1.64	cps
Molybdenum	97-1	18630	19732	19123	19162	2.88	cps
Molybdenum	98-1	48296	48873	48764	48644	0.63	cps
Neodymium	150-1	49400	48557	48263	48740	1.21	cps
Neodymium	150-2	7329	7452	7129	7303	2.24	cps
Nickel	60-2	37614	37427	37163	37401	0.61	cps
Phosphorus	31-2	200	292	292	261	20.27	cps
Potassium	39-2	20267	21043	20184	20498	2.31	cps
Rhodium	103-1	9055277	9039937	8898644	8997953	0.96	cps
Rhodium	103-2	2887758	2917460	2916203	2907140	0.58	cps
Scandium	45-1	4698784	4610276	4484521	4597860	2.34	cps
Scandium	45-2	46888	46246	46497	46544	0.70	cps
Selenium	77-2	33	30	20	28	24.98	cps
Selenium	78-2	24	37	28	30	22.54	cps
Selenium	82-1	179	176	72	142	42.67	cps
Silicon	28-1	4826589	4099263	3694428	4206760	13.64	cps
Silver	109-1	13549	14033	14650	14077	3.92	cps
Silver	107-1	14467	15409	15034	14970	3.17	cps
Sodium	23-2	21976	24438	21141	22519	7.61	cps
Strontium	86-1	42517	43981	42174	42891	2.24	cps
Strontium	88-1	367740	371364	366983	368696	0.64	cps
Sulfur	34-1	172710	169514	164995	169073	2.29	cps
Terbium	159-1	13038210	12973889	12683410	12898503	1.47	cps
Terbium	159-2	2870991	2826755	2918733	2872160	1.60	cps
Thallium	203-1	2484	2642	2434	2520	4.32	cps
Thallium	205-1	6177	6018	6444	6213	3.46	cps
Tin	118-1	1002267	999950	991624	997947	0.56	cps
Titanium	47-1	179363	183981	180358	181234	1.34	cps
Uranium	238-1	28701	28943	27565	28403	2.59	cps
Vanadium	51-2	33350	32110	32100	32520	2.21	cps
Yttrium	89-1	10211665	10126607	9910510	10082927	1.54	cps
Yttrium	89-2	347195	348891	350355	348814	0.45	cps
Zinc	66-2	134929	134697	133677	134434	0.50	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:19:47	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	19693	23143	19053	20629	10.66	cps
Zirconium	91-1	3451	3692	3768	3637	4.55	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:23:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79601	78967	79869	79479	0.58	cps
Antimony	121-1	251234	251385	247070	249896	0.98	cps
Arsenic	75-2	4538	4534	4501	4524	0.45	cps
Barium	135-1	953676	939712	938234	943874	0.90	cps
Barium	137-1	1674626	1697785	1659460	1677290	1.15	cps
Beryllium	9-1	522	567	461	517	10.26	cps
Bismuth	209-1	7773766	7818752	7939762	7844093	1.09	cps
Bismuth	209-2	2497640	2387582	2505159	2463460	2.67	cps
Boron	10-1	392	425	475	431	9.74	cps
Boron	11-1	2000	2150	1959	2036	4.95	cps
Cadmium	111-1	52328	51573	52579	52160	1.00	cps
Cadmium	106-1	6727	6302	6719	6582	3.69	cps
Cadmium	108-1	3546	3596	3401	3514	2.90	cps
Calcium	43-1	60834	58440	58163	59145	2.48	cps
Calcium	44-1	993402	986101	984221	987908	0.49	cps
Chromium	52-2	120597	119750	120108	120152	0.35	cps
Cobalt	59-2	63795	63471	63437	63568	0.31	cps
Copper	63-2	8322298	8312549	8275300	8303382	0.30	cps
Dysprosium	156-1	29719	29334	28340	29131	2.44	cps
Dysprosium	156-2	7292	7429	7462	7394	1.22	cps
Erbium	164-1	25401	25225	25300	25309	0.35	cps
Erbium	164-2	5738	5681	5761	5727	0.72	cps
Gadolinium	160-1	27789	27873	27906	27856	0.22	cps
Gadolinium	160-2	9020	8977	8500	8832	3.27	cps
Holmium	165-1	12271439	12460421	12323795	12351885	0.79	cps
Holmium	165-2	3036476	2853746	2988730	2959651	3.20	cps
Indium	115-1	9566968	9654159	9565433	9595520	0.53	cps
Indium	115-2	447929	424125	443910	438655	2.90	cps
Iron	56-2	84844399	82975127	84702135	84173887	1.24	cps
Iron	57-2	2191518	2146125	2159104	2165582	1.08	cps
Krypton	83-1	467	497	483	482	3.12	cps
Lead	206-1	13744290	13736128	13845664	13775361	0.44	cps
Lead	207-1	11710712	11515642	11667691	11631348	0.88	cps
Lead	208-1	54332105	53740891	54394669	54155888	0.67	cps
Lithium	6-1	330008	333875	338970	334284	1.34	cps
Magnesium	24-2	157582	156142	154863	156196	0.87	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:23:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	386688	382604	386814	385369	0.62	cps
Molybdenum	94-1	37822	36350	36024	36732	2.61	cps
Molybdenum	95-1	51122	49165	49516	49935	2.09	cps
Molybdenum	96-1	57063	56644	55656	56455	1.28	cps
Molybdenum	97-1	30903	31613	30803	31106	1.42	cps
Molybdenum	98-1	80892	80255	80849	80665	0.44	cps
Neodymium	150-1	48330	46777	46757	47288	1.91	cps
Neodymium	150-2	7115	6879	6889	6961	1.92	cps
Nickel	60-2	96550	94160	95418	95376	1.25	cps
Phosphorus	31-2	625	583	533	581	7.91	cps
Potassium	39-2	13416	13282	13440	13379	0.64	cps
Rhodium	103-1	8836631	8921460	8883146	8880412	0.48	cps
Rhodium	103-2	2924657	2801027	2865576	2863753	2.16	cps
Scandium	45-1	4521415	4480142	4450749	4484102	0.79	cps
Scandium	45-2	46216	44885	45945	45682	1.54	cps
Selenium	77-2	57	37	63	52	26.57	cps
Selenium	78-2	67	100	104	90	22.63	cps
Selenium	82-1	3008	2878	3083	2989	3.47	cps
Silicon	28-1	9454390	5853703	4829079	6712391	36.19	cps
Silver	109-1	32733	32449	32173	32451	0.86	cps
Silver	107-1	34521	34295	33668	34161	1.29	cps
Sodium	23-2	23880	28670	23471	25341	11.41	cps
Strontium	86-1	58560	58962	57003	58175	1.78	cps
Strontium	88-1	503968	511315	501935	505739	0.98	cps
Sulfur	34-1	173275	174827	171865	173322	0.85	cps
Terbium	159-1	12596062	12967239	12802347	12788549	1.45	cps
Terbium	159-2	2890240	2765448	2895688	2850459	2.58	cps
Thallium	203-1	3284	3276	3117	3226	2.91	cps
Thallium	205-1	7619	8111	8328	8020	4.53	cps
Tin	118-1	534618	531430	530589	532213	0.40	cps
Titanium	47-1	256826	274092	254101	261673	4.14	cps
Uranium	238-1	31315	31691	32352	31786	1.65	cps
Vanadium	51-2	61083	60701	61260	61014	0.47	cps
Yttrium	89-1	9869238	9880330	9789751	9846439	0.50	cps
Yttrium	89-2	352284	334566	345798	344216	2.60	cps
Zinc	66-2	425379	419899	419618	421632	0.77	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:23:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27935	23291	23135	24787	11.00	cps
Zirconium	91-1	5610	5535	9215	6787	30.99	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-04	Instrumnet Name :	P8
Client Sample ID :	MC0AA4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:26:20	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81652	77839	78761	79417	2.50	cps
Antimony	121-1	6719	6510	7077	6769	4.24	cps
Arsenic	75-2	857	833	802	831	3.35	cps
Barium	135-1	293848	298339	291797	294661	1.14	cps
Barium	137-1	517406	516276	511762	515148	0.58	cps
Beryllium	9-1	617	633	589	613	3.66	cps
Bismuth	209-1	7738462	7716822	7747220	7734168	0.20	cps
Bismuth	209-2	2419165	2432110	2208484	2353253	5.33	cps
Boron	10-1	175	233	242	217	16.76	cps
Boron	11-1	1283	1234	1067	1195	9.50	cps
Cadmium	111-1	2949	2869	2953	2924	1.62	cps
Cadmium	106-1	1775	1642	1867	1761	6.42	cps
Cadmium	108-1	104	121	113	113	7.41	cps
Calcium	43-1	59627	59603	59460	59564	0.15	cps
Calcium	44-1	996840	1001629	983841	994103	0.93	cps
Chromium	52-2	31536	31208	30904	31216	1.01	cps
Cobalt	59-2	34426	34713	34276	34472	0.65	cps
Copper	63-2	109124	107629	107942	108232	0.73	cps
Dysprosium	156-1	35173	36527	34480	35393	2.94	cps
Dysprosium	156-2	8806	9070	8730	8869	2.01	cps
Erbium	164-1	30754	30328	30353	30478	0.78	cps
Erbium	164-2	7075	6662	6592	6776	3.86	cps
Gadolinium	160-1	33753	33528	33360	33547	0.59	cps
Gadolinium	160-2	10581	10885	11021	10829	2.08	cps
Holmium	165-1	12397227	11987036	12321046	12235103	1.78	cps
Holmium	165-2	2991474	2944227	2675483	2870394	5.94	cps
Indium	115-1	9513046	9264557	9347831	9375145	1.35	cps
Indium	115-2	435868	440900	401122	425963	5.08	cps
Iron	56-2	16079478	15812931	15902473	15931627	0.85	cps
Iron	57-2	400128	400586	402166	400960	0.27	cps
Krypton	83-1	493	550	487	510	6.82	cps
Lead	206-1	407275	399426	402552	403084	0.98	cps
Lead	207-1	337335	331730	335225	334763	0.85	cps
Lead	208-1	1575682	1556160	1555506	1562449	0.73	cps
Lithium	6-1	336209	333516	335276	335000	0.41	cps
Magnesium	24-2	176913	175431	176300	176214	0.42	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-04	Instrumnet Name :	P8
Client Sample ID :	MC0AA4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:26:20	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	168496	165912	166284	166897	0.84	cps
Molybdenum	94-1	7820	7754	7378	7650	3.12	cps
Molybdenum	95-1	3309	3501	3576	3462	3.97	cps
Molybdenum	96-1	4751	5360	4910	5007	6.31	cps
Molybdenum	97-1	2642	2467	2434	2514	4.45	cps
Molybdenum	98-1	5501	5326	5768	5532	4.02	cps
Neodymium	150-1	59020	58203	57842	58355	1.03	cps
Neodymium	150-2	8536	8836	8686	8686	1.73	cps
Nickel	60-2	16253	16714	16640	16536	1.50	cps
Phosphorus	31-2	225	208	333	256	26.56	cps
Potassium	39-2	11954	10580	10864	11132	6.51	cps
Rhodium	103-1	8733219	8623786	8793990	8716998	0.99	cps
Rhodium	103-2	2847228	2861139	2582835	2763734	5.67	cps
Scandium	45-1	4462886	4396881	4286696	4382155	2.03	cps
Scandium	45-2	45343	45571	40727	43880	6.23	cps
Selenium	77-2	47	43	80	57	35.78	cps
Selenium	78-2	20	24	17	20	18.16	cps
Selenium	82-1	-62	-161	-83	-102	-50.94	cps
Silicon	28-1	3835559	3091843	3827036	3584813	11.91	cps
Silver	109-1	2134	2092	2392	2206	7.37	cps
Silver	107-1	2192	2559	2284	2345	8.14	cps
Sodium	23-2	23328	23178	23445	23317	0.57	cps
Strontium	86-1	43571	44022	43102	43565	1.06	cps
Strontium	88-1	383175	379321	373918	378804	1.23	cps
Sulfur	34-1	146587	143926	143278	144597	1.21	cps
Terbium	159-1	12753754	12403120	12449218	12535364	1.52	cps
Terbium	159-2	2876272	2859770	2647189	2794410	4.57	cps
Thallium	203-1	1250	1158	1200	1203	3.82	cps
Thallium	205-1	3076	3001	3084	3053	1.50	cps
Tin	118-1	17329	17604	17062	17331	1.56	cps
Titanium	47-1	130419	135796	131107	132441	2.21	cps
Uranium	238-1	29728	30698	29620	30015	1.98	cps
Vanadium	51-2	31913	31486	30767	31389	1.84	cps
Yttrium	89-1	9947379	9783368	9735942	9822230	1.13	cps
Yttrium	89-2	342508	341297	314760	332855	4.71	cps
Zinc	66-2	18366	18613	18509	18496	0.67	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-04	Instrumnet Name :	P8
Client Sample ID :	MC0AA4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:26:20	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15396	14827	14510	14911	3.01	cps
Zirconium	91-1	4035	3752	3643	3810	5.32	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-05	Instrumnet Name :	P8
Client Sample ID :	MC0AA5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:29:41	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84428	84787	83253	84156	0.95	cps
Antimony	121-1	9662	10046	9562	9757	2.62	cps
Arsenic	75-2	678	680	676	678	0.27	cps
Barium	135-1	282149	282051	281043	281748	0.22	cps
Barium	137-1	492202	491545	492111	491953	0.07	cps
Beryllium	9-1	506	467	489	487	4.01	cps
Bismuth	209-1	7376203	7451279	7694756	7507413	2.22	cps
Bismuth	209-2	2438972	2343017	2425583	2402524	2.16	cps
Boron	10-1	192	167	250	203	21.09	cps
Boron	11-1	900	900	758	853	9.59	cps
Cadmium	111-1	2249	2461	2243	2317	5.35	cps
Cadmium	106-1	1483	1742	1667	1631	8.15	cps
Cadmium	108-1	146	138	100	128	19.11	cps
Calcium	43-1	36432	35195	35271	35633	1.95	cps
Calcium	44-1	631055	604457	596758	610757	2.95	cps
Chromium	52-2	40960	40873	40101	40645	1.16	cps
Cobalt	59-2	31219	31563	31640	31474	0.71	cps
Copper	63-2	94529	93878	93730	94046	0.45	cps
Dysprosium	156-1	33043	32608	33261	32971	1.01	cps
Dysprosium	156-2	7993	7996	8109	8033	0.83	cps
Erbium	164-1	27004	28307	28198	27836	2.60	cps
Erbium	164-2	6212	5975	5858	6015	2.99	cps
Gadolinium	160-1	30570	30370	30696	30545	0.54	cps
Gadolinium	160-2	9580	9484	9921	9662	2.38	cps
Holmium	165-1	11708474	11821788	12255248	11928503	2.42	cps
Holmium	165-2	2973790	2861058	2931293	2922047	1.95	cps
Indium	115-1	9061731	8988447	9369562	9139913	2.21	cps
Indium	115-2	435051	428195	433886	432378	0.85	cps
Iron	56-2	14860639	15136507	14545704	14847617	1.99	cps
Iron	57-2	372497	374067	369450	372005	0.63	cps
Krypton	83-1	533	637	647	606	10.36	cps
Lead	206-1	656296	651568	647203	651689	0.70	cps
Lead	207-1	546671	546522	537390	543528	0.98	cps
Lead	208-1	2541088	2533135	2517339	2530521	0.48	cps
Lithium	6-1	318836	316499	324348	319894	1.26	cps
Magnesium	24-2	156217	155629	154809	155552	0.45	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-05	Instrumnet Name :	P8
Client Sample ID :	MC0AA5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:29:41	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	201771	203804	203646	203074	0.56	cps
Molybdenum	94-1	23339	22620	22236	22731	2.46	cps
Molybdenum	95-1	31396	31605	31830	31610	0.69	cps
Molybdenum	96-1	35765	38426	35765	36652	4.19	cps
Molybdenum	97-1	21401	20266	20642	20770	2.78	cps
Molybdenum	98-1	52512	51716	51499	51909	1.03	cps
Neodymium	150-1	54568	53637	55076	54427	1.34	cps
Neodymium	150-2	7983	8016	8103	8034	0.77	cps
Nickel	60-2	36207	35956	36705	36290	1.05	cps
Phosphorus	31-2	267	325	300	297	9.85	cps
Potassium	39-2	15343	17088	19025	17152	10.74	cps
Rhodium	103-1	8369721	8356455	8669069	8465082	2.09	cps
Rhodium	103-2	2845606	2743815	2854232	2814551	2.18	cps
Scandium	45-1	4168640	4162609	4315100	4215450	2.05	cps
Scandium	45-2	44986	43892	44852	44576	1.34	cps
Selenium	77-2	57	20	43	40	46.40	cps
Selenium	78-2	19	19	19	19	0.00	cps
Selenium	82-1	-89	-201	-273	-187	-49.39	cps
Silicon	28-1	4542921	5928834	4099173	4856976	19.65	cps
Silver	109-1	2484	2592	2800	2625	6.13	cps
Silver	107-1	2700	2725	3059	2828	7.08	cps
Sodium	23-2	19556	20951	20440	20316	3.47	cps
Strontium	86-1	25341	24899	25659	25300	1.51	cps
Strontium	88-1	219970	212336	220326	217544	2.07	cps
Sulfur	34-1	136781	134645	133114	134846	1.37	cps
Terbium	159-1	11926646	11986021	12572332	12161667	2.93	cps
Terbium	159-2	2813726	2815557	2798564	2809282	0.33	cps
Thallium	203-1	1484	1225	1509	1406	11.16	cps
Thallium	205-1	3442	3334	3742	3506	6.03	cps
Tin	118-1	24056	23530	23246	23611	1.74	cps
Titanium	47-1	151824	153972	158014	154603	2.03	cps
Uranium	238-1	31057	30572	31182	30937	1.04	cps
Vanadium	51-2	29902	29652	29501	29685	0.68	cps
Yttrium	89-1	9308367	9338488	9762866	9469907	2.68	cps
Yttrium	89-2	338186	333262	339438	336962	0.97	cps
Zinc	66-2	22759	23079	22715	22851	0.87	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-05	Instrumnet Name :	P8
Client Sample ID :	MC0AA5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:29:41	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14749	14033	12802	13861	7.11	cps
Zirconium	91-1	20466	2659	2984	8703	117.07	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-06	Instrumnet Name :	P8
Client Sample ID :	MC0AA6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:33:01	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74473	74733	74522	74576	0.19	cps
Antimony	121-1	18021	17804	17437	17754	1.66	cps
Arsenic	75-2	859	787	896	848	6.56	cps
Barium	135-1	311635	309557	305258	308817	1.05	cps
Barium	137-1	535324	543164	536696	538395	0.78	cps
Beryllium	9-1	400	494	406	433	12.23	cps
Bismuth	209-1	7780758	7766549	7825673	7790993	0.40	cps
Bismuth	209-2	2372893	2381015	2435944	2396617	1.43	cps
Boron	10-1	208	167	250	208	20.00	cps
Boron	11-1	1100	925	1033	1020	8.66	cps
Cadmium	111-1	3989	4011	3855	3951	2.14	cps
Cadmium	106-1	1775	1700	1684	1720	2.84	cps
Cadmium	108-1	167	192	225	194	15.05	cps
Calcium	43-1	61335	60942	61068	61115	0.33	cps
Calcium	44-1	1036979	1028119	1013886	1026328	1.14	cps
Chromium	52-2	33728	33842	33761	33777	0.17	cps
Cobalt	59-2	30497	29835	29672	30001	1.46	cps
Copper	63-2	151926	152193	150497	151539	0.60	cps
Dysprosium	156-1	31572	32684	33094	32450	2.43	cps
Dysprosium	156-2	8063	8263	8239	8188	1.34	cps
Erbium	164-1	28891	28131	28182	28401	1.50	cps
Erbium	164-2	6118	6412	6102	6210	2.81	cps
Gadolinium	160-1	30537	30737	31305	30860	1.29	cps
Gadolinium	160-2	9897	9594	9780	9757	1.57	cps
Holmium	165-1	12194980	12162020	12190106	12182368	0.15	cps
Holmium	165-2	2880952	2900755	2957739	2913149	1.37	cps
Indium	115-1	9303535	9279452	9293641	9292209	0.13	cps
Indium	115-2	429236	433748	438649	433878	1.09	cps
Iron	56-2	17350183	17089212	17026223	17155206	1.00	cps
Iron	57-2	429816	426268	429517	428533	0.46	cps
Krypton	83-1	597	500	560	552	8.84	cps
Lead	206-1	1187789	1190592	1181584	1186655	0.39	cps
Lead	207-1	987441	987114	983882	986146	0.20	cps
Lead	208-1	4728175	4741501	4658766	4709481	0.94	cps
Lithium	6-1	318422	320770	317337	318843	0.55	cps
Magnesium	24-2	139171	135593	137282	137349	1.30	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-06	Instrumnet Name :	P8
Client Sample ID :	MC0AA6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:33:01	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	177694	176446	176884	177008	0.36	cps
Molybdenum	94-1	9179	9129	8753	9020	2.58	cps
Molybdenum	95-1	7694	7177	7277	7383	3.71	cps
Molybdenum	96-1	8987	9003	9512	9167	3.26	cps
Molybdenum	97-1	5009	4901	4901	4937	1.27	cps
Molybdenum	98-1	11898	11914	11822	11878	0.41	cps
Neodymium	150-1	52285	52532	51883	52233	0.63	cps
Neodymium	150-2	7686	7569	7386	7547	2.01	cps
Nickel	60-2	20449	20846	20956	20750	1.29	cps
Phosphorus	31-2	400	300	300	333	17.32	cps
Potassium	39-2	16521	17243	15793	16519	4.39	cps
Rhodium	103-1	8616731	8615079	8674597	8635469	0.39	cps
Rhodium	103-2	2768801	2848646	2825476	2814308	1.46	cps
Scandium	45-1	4301165	4265474	4181336	4249325	1.45	cps
Scandium	45-2	43307	43591	44855	43918	1.88	cps
Selenium	77-2	40	27	43	37	24.04	cps
Selenium	78-2	19	17	13	16	17.64	cps
Selenium	82-1	-218	-64	-204	-162	-52.46	cps
Silicon	28-1	5464627	4253423	3016771	4244940	28.83	cps
Silver	109-1	4901	4751	5285	4979	5.53	cps
Silver	107-1	5151	4818	5310	5093	4.93	cps
Sodium	23-2	18915	21101	20347	20121	5.52	cps
Strontium	86-1	46831	47133	45803	46589	1.50	cps
Strontium	88-1	408190	403096	398384	403223	1.22	cps
Sulfur	34-1	137765	134140	135578	135828	1.34	cps
Terbium	159-1	12347944	12433391	12485852	12422395	0.56	cps
Terbium	159-2	2739311	2814306	2823752	2792457	1.66	cps
Thallium	203-1	1634	1767	1542	1647	6.87	cps
Thallium	205-1	4276	4443	4334	4351	1.94	cps
Tin	118-1	43773	43380	42034	43062	2.12	cps
Titanium	47-1	158581	169469	168640	165564	3.66	cps
Uranium	238-1	29520	29486	30848	29951	2.59	cps
Vanadium	51-2	29982	30293	29104	29793	2.07	cps
Yttrium	89-1	9689890	9697658	9685833	9691127	0.06	cps
Yttrium	89-2	332675	337693	339269	336545	1.02	cps
Zinc	66-2	44846	44712	44622	44727	0.25	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-06	Instrumnet Name :	P8
Client Sample ID :	MC0AA6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:33:01	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15351	13384	15191	14642	7.46	cps
Zirconium	91-1	3685	2751	2984	3140	15.49	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-07	Instrumnet Name :	P8
Client Sample ID :	MC0AA7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:36:20	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80204	80639	80303	80382	0.28	cps
Antimony	121-1	15835	17329	17387	16850	5.22	cps
Arsenic	75-2	928	993	937	953	3.68	cps
Barium	135-1	307536	310849	311344	309910	0.67	cps
Barium	137-1	547026	540372	539340	542246	0.77	cps
Beryllium	9-1	572	467	556	532	10.68	cps
Bismuth	209-1	7801035	7721503	7696296	7739612	0.71	cps
Bismuth	209-2	2375385	2423080	2192618	2330361	5.22	cps
Boron	10-1	217	183	192	197	8.80	cps
Boron	11-1	742	908	883	845	10.64	cps
Cadmium	111-1	2829	2816	2849	2832	0.59	cps
Cadmium	106-1	1617	1775	1734	1709	4.80	cps
Cadmium	108-1	158	175	133	156	13.48	cps
Calcium	43-1	46278	43636	43861	44591	3.28	cps
Calcium	44-1	751073	750770	733769	745204	1.33	cps
Chromium	52-2	32237	32424	32799	32487	0.88	cps
Cobalt	59-2	33688	32765	32732	33062	1.64	cps
Copper	63-2	122074	122625	122320	122340	0.23	cps
Dysprosium	156-1	36870	36109	39098	37359	4.16	cps
Dysprosium	156-2	9093	9100	9103	9099	0.06	cps
Erbium	164-1	30353	31322	31707	31127	2.24	cps
Erbium	164-2	6945	6799	7019	6921	1.62	cps
Gadolinium	160-1	32767	34472	34313	33851	2.78	cps
Gadolinium	160-2	10831	10815	10855	10834	0.19	cps
Holmium	165-1	12170388	12323116	12258241	12250582	0.63	cps
Holmium	165-2	2892049	2916251	2646214	2818171	5.30	cps
Indium	115-1	9358516	9406562	9393284	9386121	0.26	cps
Indium	115-2	426477	432762	394577	417939	4.90	cps
Iron	56-2	21171450	21031757	21166278	21123161	0.37	cps
Iron	57-2	533151	528366	526361	529293	0.66	cps
Krypton	83-1	497	537	540	524	4.60	cps
Lead	206-1	804643	794170	804064	800959	0.73	cps
Lead	207-1	663610	664348	663312	663757	0.08	cps
Lead	208-1	3148111	3104892	3105702	3119568	0.79	cps
Lithium	6-1	314822	320373	317033	317409	0.88	cps
Magnesium	24-2	158097	155847	158054	157332	0.82	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-07	Instrumnet Name :	P8
Client Sample ID :	MC0AA7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:36:20	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	253215	254316	253550	253694	0.22	cps
Molybdenum	94-1	8111	8311	8045	8156	1.70	cps
Molybdenum	95-1	5268	5126	4826	5073	4.45	cps
Molybdenum	96-1	6444	6885	6535	6621	3.52	cps
Molybdenum	97-1	3601	3392	3459	3484	3.05	cps
Molybdenum	98-1	7594	8236	7828	7886	4.12	cps
Neodymium	150-1	61351	61611	60018	60993	1.40	cps
Neodymium	150-2	9073	8810	9077	8987	1.70	cps
Nickel	60-2	18573	18119	18312	18335	1.24	cps
Phosphorus	31-2	233	200	250	228	11.18	cps
Potassium	39-2	12323	11697	11764	11928	2.88	cps
Rhodium	103-1	8743685	8675902	8684262	8701283	0.42	cps
Rhodium	103-2	2783034	2830041	2573994	2729023	4.99	cps
Scandium	45-1	4271006	4286894	4270162	4276021	0.22	cps
Scandium	45-2	42658	43835	39399	41964	5.48	cps
Selenium	77-2	43	50	43	46	8.45	cps
Selenium	78-2	20	30	19	23	26.06	cps
Selenium	82-1	-55	-128	-108	-97	-39.11	cps
Silicon	28-1	2449359	2490837	2109162	2349786	8.91	cps
Silver	109-1	2050	1934	2242	2075	7.50	cps
Silver	107-1	1842	2400	2492	2245	15.68	cps
Sodium	23-2	20608	19481	20582	20224	3.18	cps
Strontium	86-1	44666	46045	45686	45466	1.57	cps
Strontium	88-1	396266	397367	395552	396395	0.23	cps
Sulfur	34-1	132593	131986	130929	131836	0.64	cps
Terbium	159-1	12654437	12546909	12578333	12593226	0.44	cps
Terbium	159-2	2769859	2820793	2585848	2725500	4.53	cps
Thallium	203-1	1817	1942	2034	1931	5.63	cps
Thallium	205-1	4893	4551	4551	4665	4.23	cps
Tin	118-1	31137	30611	30712	30820	0.91	cps
Titanium	47-1	155964	157718	153961	155881	1.21	cps
Uranium	238-1	30680	31299	30405	30795	1.49	cps
Vanadium	51-2	31058	31245	31469	31257	0.66	cps
Yttrium	89-1	9824462	9747529	9631351	9734447	1.00	cps
Yttrium	89-2	333447	335794	307248	325496	4.87	cps
Zinc	66-2	30434	30487	30447	30456	0.09	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-07	Instrumnet Name :	P8
Client Sample ID :	MC0AA7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:36:20	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13149	14125	16481	14585	11.75	cps
Zirconium	91-1	3184	3551	2900	3212	10.16	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-08	Instrumnet Name :	P8
Client Sample ID :	MC0AA8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:39:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80237	78174	79659	79357	1.34	cps
Antimony	121-1	15093	14934	14725	14917	1.24	cps
Arsenic	75-2	848	706	743	765	9.67	cps
Barium	135-1	325220	321218	325965	324134	0.79	cps
Barium	137-1	564251	558320	562471	561680	0.54	cps
Beryllium	9-1	406	389	411	402	2.88	cps
Bismuth	209-1	7896328	7757459	7711584	7788457	1.24	cps
Bismuth	209-2	2423067	2424372	2327148	2391529	2.33	cps
Boron	10-1	325	292	300	306	5.68	cps
Boron	11-1	900	1050	1317	1089	19.38	cps
Cadmium	111-1	2891	2620	2953	2821	6.27	cps
Cadmium	106-1	1717	1625	1759	1700	4.01	cps
Cadmium	108-1	171	233	142	182	25.75	cps
Calcium	43-1	60406	59176	58532	59371	1.60	cps
Calcium	44-1	998421	980487	989791	989566	0.91	cps
Chromium	52-2	32559	31853	31750	32054	1.37	cps
Cobalt	59-2	29752	29785	29355	29631	0.81	cps
Copper	63-2	162023	159078	159477	160192	1.00	cps
Dysprosium	156-1	31339	33143	32257	32246	2.80	cps
Dysprosium	156-2	8293	8029	8023	8115	1.90	cps
Erbium	164-1	28449	29356	27722	28509	2.87	cps
Erbium	164-2	6258	6105	6152	6172	1.27	cps
Gadolinium	160-1	30554	31506	30153	30737	2.26	cps
Gadolinium	160-2	9444	9467	9363	9425	0.58	cps
Holmium	165-1	12281198	12233627	12113391	12209405	0.71	cps
Holmium	165-2	2916421	2935646	2831325	2894464	1.92	cps
Indium	115-1	9352447	9582439	9238102	9390996	1.87	cps
Indium	115-2	432010	432743	416799	427184	2.11	cps
Iron	56-2	14570464	14528235	14899390	14666030	1.39	cps
Iron	57-2	368823	361119	364964	364969	1.06	cps
Krypton	83-1	573	507	573	551	6.98	cps
Lead	206-1	887588	889913	888389	888630	0.13	cps
Lead	207-1	744135	748928	744688	745917	0.35	cps
Lead	208-1	3541643	3566281	3538205	3548710	0.43	cps
Lithium	6-1	318265	313913	314185	315454	0.77	cps
Magnesium	24-2	162073	159081	158366	159840	1.23	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-08	Instrumnet Name :	P8
Client Sample ID :	MC0AA8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:39:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150861	150433	150939	150744	0.18	cps
Molybdenum	94-1	9162	9529	8879	9190	3.55	cps
Molybdenum	95-1	6961	6744	7277	6994	3.84	cps
Molybdenum	96-1	9095	8895	8762	8917	1.88	cps
Molybdenum	97-1	5476	5226	4934	5212	5.20	cps
Molybdenum	98-1	12031	11639	12206	11959	2.43	cps
Neodymium	150-1	53724	52278	52118	52706	1.68	cps
Neodymium	150-2	8029	7746	7576	7784	2.94	cps
Nickel	60-2	15709	16150	15756	15871	1.52	cps
Phosphorus	31-2	333	300	200	278	24.98	cps
Potassium	39-2	13574	12615	12999	13063	3.70	cps
Rhodium	103-1	8749518	8691053	8771701	8737424	0.48	cps
Rhodium	103-2	2835036	2858089	2712652	2801926	2.79	cps
Scandium	45-1	4265999	4166678	4200941	4211206	1.20	cps
Scandium	45-2	43738	44243	42136	43373	2.54	cps
Selenium	77-2	20	50	40	37	41.66	cps
Selenium	78-2	24	13	28	22	35.70	cps
Selenium	82-1	-101	45	-80	-45	-175.21	cps
Silicon	28-1	4615525	3167282	3662639	3815149	19.29	cps
Silver	109-1	2350	2442	2450	2414	2.30	cps
Silver	107-1	2525	2525	2750	2600	5.00	cps
Sodium	23-2	19331	21015	21054	20467	4.81	cps
Strontium	86-1	50921	50888	49741	50517	1.33	cps
Strontium	88-1	443625	434262	440947	439611	1.10	cps
Sulfur	34-1	134039	134199	134132	134123	0.06	cps
Terbium	159-1	12581817	12662900	12490579	12578432	0.69	cps
Terbium	159-2	2813514	2856599	2756472	2808862	1.79	cps
Thallium	203-1	1358	1225	1409	1331	7.12	cps
Thallium	205-1	3334	2834	3151	3106	8.15	cps
Tin	118-1	37546	36251	37813	37203	2.25	cps
Titanium	47-1	153924	165494	155533	158317	3.96	cps
Uranium	238-1	30288	32018	32749	31685	3.99	cps
Vanadium	51-2	31172	31396	31389	31319	0.41	cps
Yttrium	89-1	9719823	9714509	9640415	9691582	0.46	cps
Yttrium	89-2	333526	338705	323820	332017	2.28	cps
Zinc	66-2	31252	31843	31616	31571	0.95	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-08	Instrumnet Name :	P8
Client Sample ID :	MC0AA8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:39:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12307	14222	15049	13859	10.15	cps
Zirconium	91-1	3000	3234	2976	3070	4.65	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-09	Instrumnet Name :	P8
Client Sample ID :	MC0AA9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:43:00	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91119	87454	87210	88595	2.47	cps
Antimony	121-1	6452	6577	6627	6552	1.38	cps
Arsenic	75-2	804	750	776	777	3.46	cps
Barium	135-1	288156	290381	290800	289779	0.49	cps
Barium	137-1	506355	505221	507345	506307	0.21	cps
Beryllium	9-1	444	411	561	472	16.68	cps
Bismuth	209-1	7961378	7837630	7909447	7902818	0.79	cps
Bismuth	209-2	2436806	2474464	2451059	2454110	0.77	cps
Boron	10-1	217	217	208	214	2.25	cps
Boron	11-1	1283	1325	1192	1267	5.39	cps
Cadmium	111-1	2474	2405	2371	2416	2.17	cps
Cadmium	106-1	1600	1609	1767	1659	5.66	cps
Cadmium	108-1	108	83	113	101	15.56	cps
Calcium	43-1	31904	32004	32639	32183	1.24	cps
Calcium	44-1	546274	540212	542856	543114	0.56	cps
Chromium	52-2	33480	33574	33353	33469	0.33	cps
Cobalt	59-2	33460	32505	32615	32860	1.59	cps
Copper	63-2	108311	105748	105846	106635	1.36	cps
Dysprosium	156-1	37304	38374	38667	38115	1.88	cps
Dysprosium	156-2	9460	9624	9343	9476	1.49	cps
Erbium	164-1	32233	31740	32592	32188	1.33	cps
Erbium	164-2	7102	7282	7082	7155	1.54	cps
Gadolinium	160-1	35383	35298	37513	36065	3.48	cps
Gadolinium	160-2	10908	11385	11348	11214	2.37	cps
Holmium	165-1	12476000	12493827	12611715	12527181	0.59	cps
Holmium	165-2	2960097	2971761	2947832	2959896	0.40	cps
Indium	115-1	9641600	9513148	9533077	9562608	0.72	cps
Indium	115-2	430771	429245	427344	429120	0.40	cps
Iron	56-2	15835208	15464388	15273717	15524438	1.84	cps
Iron	57-2	392623	391204	387854	390560	0.63	cps
Krypton	83-1	513	510	563	529	5.65	cps
Lead	206-1	739556	746051	746050	743886	0.50	cps
Lead	207-1	619887	620416	618939	619747	0.12	cps
Lead	208-1	2895933	2896524	2909162	2900540	0.26	cps
Lithium	6-1	316313	316753	318031	317032	0.28	cps
Magnesium	24-2	164424	164782	162986	164064	0.58	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-09	Instrumnet Name :	P8
Client Sample ID :	MC0AA9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:43:00	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143439	142757	138654	141616	1.83	cps
Molybdenum	94-1	9988	10790	11465	10748	6.88	cps
Molybdenum	95-1	6494	6252	6910	6552	5.09	cps
Molybdenum	96-1	7944	9222	8578	8581	7.44	cps
Molybdenum	97-1	4926	4409	4634	4657	5.56	cps
Molybdenum	98-1	10513	10563	10972	10682	2.36	cps
Neodymium	150-1	64258	64472	65129	64620	0.70	cps
Neodymium	150-2	9474	9260	9150	9295	1.77	cps
Nickel	60-2	15949	16336	16654	16313	2.16	cps
Phosphorus	31-2	525	508	458	497	6.98	cps
Potassium	39-2	19983	19974	20025	19994	0.14	cps
Rhodium	103-1	8848960	8714973	8853455	8805796	0.89	cps
Rhodium	103-2	2834037	2803884	2825089	2821003	0.55	cps
Scandium	45-1	4317595	4190773	4299075	4269147	1.60	cps
Scandium	45-2	44116	44387	43240	43914	1.37	cps
Selenium	77-2	27	40	63	43	42.82	cps
Selenium	78-2	13	19	13	15	21.67	cps
Selenium	82-1	-76	-63	-97	-79	-21.49	cps
Silicon	28-1	4396449	4920872	4366270	4561197	6.84	cps
Silver	109-1	1875	1800	1867	1847	2.23	cps
Silver	107-1	1792	1959	2217	1989	10.77	cps
Sodium	23-2	21154	22055	20015	21075	4.85	cps
Strontium	86-1	29416	27996	29608	29007	3.04	cps
Strontium	88-1	257038	264763	252291	258031	2.44	cps
Sulfur	34-1	126672	126429	124915	126005	0.76	cps
Terbium	159-1	12945036	12790223	12866613	12867291	0.60	cps
Terbium	159-2	2836335	2841884	2823774	2833998	0.33	cps
Thallium	203-1	1509	1659	1467	1545	6.53	cps
Thallium	205-1	3276	3117	3434	3276	4.84	cps
Tin	118-1	23572	24047	23380	23666	1.45	cps
Titanium	47-1	185176	174438	173196	177603	3.71	cps
Uranium	238-1	37123	36881	35802	36602	1.92	cps
Vanadium	51-2	33537	32855	32568	32987	1.51	cps
Yttrium	89-1	9905899	9672752	9674751	9751134	1.37	cps
Yttrium	89-2	336871	335114	333974	335319	0.44	cps
Zinc	66-2	21567	19975	20889	20810	3.84	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-09	Instrumnet Name :	P8
Client Sample ID :	MC0AA9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:43:00	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16239	16966	27681	20295	31.57	cps
Zirconium	91-1	3751	3643	3884	3760	3.22	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10	Instrumnet Name :	P8
Client Sample ID :	MC0AB0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:46:19	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70670	69362	69807	69946	0.95	cps
Antimony	121-1	21652	21360	21568	21527	0.70	cps
Arsenic	75-2	4397	4253	4547	4399	3.35	cps
Barium	135-1	785314	779135	771727	778725	0.87	cps
Barium	137-1	1372295	1371920	1369289	1371168	0.12	cps
Beryllium	9-1	561	461	556	526	10.69	cps
Bismuth	209-1	7964945	7971866	8056659	7997823	0.64	cps
Bismuth	209-2	2346120	2426014	2466500	2412878	2.54	cps
Boron	10-1	292	308	333	311	6.74	cps
Boron	11-1	1333	1300	1383	1339	3.13	cps
Cadmium	111-1	4783	4845	4732	4787	1.18	cps
Cadmium	106-1	1950	1875	2125	1984	6.47	cps
Cadmium	108-1	238	258	342	279	19.74	cps
Calcium	43-1	105815	101148	100478	102480	2.84	cps
Calcium	44-1	1790603	1735254	1710563	1745473	2.35	cps
Chromium	52-2	31289	30600	31028	30972	1.12	cps
Cobalt	59-2	32448	32147	32545	32380	0.64	cps
Copper	63-2	162461	162841	162402	162568	0.15	cps
Dysprosium	156-1	49897	47621	49303	48940	2.41	cps
Dysprosium	156-2	11972	12219	12163	12118	1.07	cps
Erbium	164-1	45296	45121	45188	45202	0.20	cps
Erbium	164-2	10024	10067	9697	9929	2.04	cps
Gadolinium	160-1	47003	47780	46927	47237	1.00	cps
Gadolinium	160-2	14545	14925	14512	14661	1.57	cps
Holmium	165-1	12472272	12553194	12486505	12503990	0.35	cps
Holmium	165-2	2845834	2925433	2985182	2918816	2.40	cps
Indium	115-1	9422658	9369471	9406992	9399707	0.29	cps
Indium	115-2	404141	423466	433784	420464	3.58	cps
Iron	56-2	15691988	15725182	15440919	15619363	1.00	cps
Iron	57-2	391062	392000	394821	392628	0.50	cps
Krypton	83-1	537	623	593	584	7.53	cps
Lead	206-1	4450775	4412455	4442660	4435297	0.46	cps
Lead	207-1	3755380	3783441	3754272	3764365	0.44	cps
Lead	208-1	17459395	17375940	17412474	17415936	0.24	cps
Lithium	6-1	315395	314894	311945	314078	0.59	cps
Magnesium	24-2	80813	77538	79113	79154	2.07	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10	Instrumnet Name :	P8
Client Sample ID :	MC0AB0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:46:19	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	311398	312203	310704	311435	0.24	cps
Molybdenum	94-1	12576	13700	12179	12818	6.16	cps
Molybdenum	95-1	8078	7844	8019	7980	1.52	cps
Molybdenum	96-1	10722	9562	9796	10027	6.11	cps
Molybdenum	97-1	5218	5660	5643	5507	4.55	cps
Molybdenum	98-1	12481	12907	13090	12826	2.44	cps
Neodymium	150-1	74525	75993	74760	75093	1.05	cps
Neodymium	150-2	11252	11028	10941	11074	1.45	cps
Nickel	60-2	15365	15505	14788	15220	2.50	cps
Phosphorus	31-2	933	942	867	914	4.50	cps
Potassium	39-2	19433	19139	20165	19579	2.70	cps
Rhodium	103-1	8812952	8681493	8644537	8712994	1.02	cps
Rhodium	103-2	2653635	2809363	2849484	2770827	3.73	cps
Scandium	45-1	4284081	4128760	4145285	4186042	2.04	cps
Scandium	45-2	41047	42063	43431	42180	2.84	cps
Selenium	77-2	63	70	37	57	31.12	cps
Selenium	78-2	24	33	28	28	16.41	cps
Selenium	82-1	-21	-70	-35	-42	-60.60	cps
Silicon	28-1	3607840	4607829	3192670	3802780	19.13	cps
Silver	109-1	5910	5902	5918	5910	0.14	cps
Silver	107-1	6010	6252	6468	6243	3.67	cps
Sodium	23-2	23140	22030	22435	22535	2.49	cps
Strontium	86-1	154249	154871	156236	155119	0.66	cps
Strontium	88-1	1357602	1370868	1370045	1366172	0.54	cps
Sulfur	34-1	131668	129607	127775	129683	1.50	cps
Terbium	159-1	12847818	12753249	12893586	12831551	0.56	cps
Terbium	159-2	2691268	2812816	2862707	2788930	3.16	cps
Thallium	203-1	1600	1692	1850	1714	7.38	cps
Thallium	205-1	4593	4459	4134	4395	5.37	cps
Tin	118-1	173428	174728	176148	174768	0.78	cps
Titanium	47-1	129270	128543	129957	129257	0.55	cps
Uranium	238-1	29378	29838	28976	29397	1.47	cps
Vanadium	51-2	31566	31135	31629	31443	0.86	cps
Yttrium	89-1	10052335	9955898	9917802	9975345	0.70	cps
Yttrium	89-2	326706	338382	345535	336874	2.82	cps
Zinc	66-2	97362	95134	97318	96605	1.32	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10	Instrumnet Name :	P8
Client Sample ID :	MC0AB0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:46:19	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17512	36106	16686	23435	46.86	cps
Zirconium	91-1	3643	4128	3793	3855	6.44	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-11	Instrumnet Name :	P8
Client Sample ID :	MC0AB0D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:49:38	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72219	77850	74874	74981	3.76	cps
Antimony	121-1	24148	24215	23814	24059	0.89	cps
Arsenic	75-2	4555	4517	4403	4492	1.76	cps
Barium	135-1	820481	818947	816242	818557	0.26	cps
Barium	137-1	1445552	1422596	1423403	1430517	0.91	cps
Beryllium	9-1	683	633	650	656	3.88	cps
Bismuth	209-1	7987793	8017765	7802493	7936017	1.47	cps
Bismuth	209-2	2490026	2428887	2439329	2452747	1.33	cps
Boron	10-1	267	258	200	242	15.03	cps
Boron	11-1	1317	1383	1383	1361	2.83	cps
Cadmium	111-1	4806	4397	4494	4566	4.68	cps
Cadmium	106-1	1959	1809	1759	1842	5.65	cps
Cadmium	108-1	308	283	292	294	4.32	cps
Calcium	43-1	110316	106451	108662	108476	1.79	cps
Calcium	44-1	1896678	1863452	1875556	1878562	0.90	cps
Chromium	52-2	32542	31155	31890	31862	2.18	cps
Cobalt	59-2	33875	34186	33604	33888	0.86	cps
Copper	63-2	171568	173853	171757	172393	0.74	cps
Dysprosium	156-1	53469	54172	53326	53656	0.84	cps
Dysprosium	156-2	12917	12886	13324	13042	1.87	cps
Erbium	164-1	49269	49930	50625	49941	1.36	cps
Erbium	164-2	10668	10418	11118	10735	3.31	cps
Gadolinium	160-1	50532	52264	50440	51079	2.01	cps
Gadolinium	160-2	15526	15940	16140	15869	1.97	cps
Holmium	165-1	12505177	12511487	12187046	12401237	1.50	cps
Holmium	165-2	2976409	2914834	2923233	2938159	1.14	cps
Indium	115-1	9432989	9584260	9208157	9408468	2.01	cps
Indium	115-2	429082	426355	425619	427019	0.43	cps
Iron	56-2	16283480	16383733	16281657	16316290	0.36	cps
Iron	57-2	409096	414288	408047	410477	0.81	cps
Krypton	83-1	563	493	577	544	8.22	cps
Lead	206-1	4579771	4603159	4506869	4563267	1.10	cps
Lead	207-1	3931799	3899509	3859299	3896869	0.93	cps
Lead	208-1	17975641	18104027	17714293	17931320	1.11	cps
Lithium	6-1	308236	310240	304089	307522	1.02	cps
Magnesium	24-2	85147	85524	84970	85214	0.33	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-11	Instrumnet Name :	P8
Client Sample ID :	MC0AB0D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:49:38	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320867	322848	321169	321628	0.33	cps
Molybdenum	94-1	19964	11565	11349	14293	34.37	cps
Molybdenum	95-1	8678	8370	8720	8589	2.23	cps
Molybdenum	96-1	10038	10346	10630	10338	2.87	cps
Molybdenum	97-1	5860	5543	5793	5732	2.91	cps
Molybdenum	98-1	14600	13482	12790	13624	6.70	cps
Neodymium	150-1	81431	81305	107172	89969	16.56	cps
Neodymium	150-2	11719	11779	11782	11760	0.30	cps
Nickel	60-2	16303	16316	15909	16176	1.43	cps
Phosphorus	31-2	800	875	892	856	5.71	cps
Potassium	39-2	20550	20007	19733	20096	2.07	cps
Rhodium	103-1	8874649	8704603	8557898	8712384	1.82	cps
Rhodium	103-2	2807612	2811092	2818665	2812456	0.20	cps
Scandium	45-1	4232838	4150695	4112175	4165236	1.48	cps
Scandium	45-2	42892	42331	42892	42705	0.76	cps
Selenium	77-2	33	80	53	56	42.15	cps
Selenium	78-2	37	35	26	33	18.19	cps
Selenium	82-1	-20	36	-29	-4	-854.26	cps
Silicon	28-1	3197318	3563588	6402746	4387884	39.99	cps
Silver	109-1	5518	6143	6068	5910	5.78	cps
Silver	107-1	6043	6760	6335	6380	5.65	cps
Sodium	23-2	22861	22761	22402	22674	1.07	cps
Strontium	86-1	167441	168227	166785	167484	0.43	cps
Strontium	88-1	1527621	1510154	1489041	1508939	1.28	cps
Sulfur	34-1	130674	128674	127084	128811	1.40	cps
Terbium	159-1	12781804	12987441	12524651	12764632	1.82	cps
Terbium	159-2	2823730	2788850	2842074	2818218	0.96	cps
Thallium	203-1	1792	1650	1609	1684	5.71	cps
Thallium	205-1	4918	4651	4509	4693	4.42	cps
Tin	118-1	194336	193600	192670	193535	0.43	cps
Titanium	47-1	141030	149844	142027	144300	3.35	cps
Uranium	238-1	30931	31750	31625	31435	1.40	cps
Vanadium	51-2	32695	33694	33377	33255	1.54	cps
Yttrium	89-1	10047091	10053879	10014507	10038492	0.21	cps
Yttrium	89-2	341693	340342	341855	341297	0.24	cps
Zinc	66-2	100306	100631	101313	100750	0.51	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-11	Instrumnet Name :	P8
Client Sample ID :	MC0AB0D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:49:38	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16313	19007	16021	17114	9.62	cps
Zirconium	91-1	4477	4835	3317	4210	18.85	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB0L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 15:52:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16143	15918	15726	15929	1.31	cps
Antimony	121-1	4826	4709	5210	4915	5.32	cps
Arsenic	75-2	952	980	957	963	1.53	cps
Barium	135-1	169667	173056	168907	170543	1.30	cps
Barium	137-1	303862	299628	297428	300306	1.09	cps
Beryllium	9-1	183	122	117	141	26.28	cps
Bismuth	209-1	7941599	8002856	7972020	7972158	0.38	cps
Bismuth	209-2	2350993	2526692	2539944	2472543	4.27	cps
Boron	10-1	192	142	83	139	39.04	cps
Boron	11-1	533	592	675	600	11.87	cps
Cadmium	111-1	1966	1806	1788	1853	5.29	cps
Cadmium	106-1	1750	1517	1442	1570	10.25	cps
Cadmium	108-1	67	50	96	71	32.75	cps
Calcium	43-1	22502	23170	24080	23251	3.41	cps
Calcium	44-1	399797	392494	397942	396744	0.96	cps
Chromium	52-2	7829	7716	7766	7770	0.73	cps
Cobalt	59-2	7319	7309	7392	7340	0.62	cps
Copper	63-2	36522	36274	36652	36482	0.53	cps
Dysprosium	156-1	11097	11039	10722	10952	1.84	cps
Dysprosium	156-2	2900	2750	2610	2754	5.27	cps
Erbium	164-1	9154	9654	9963	9590	4.26	cps
Erbium	164-2	2197	2384	2104	2228	6.40	cps
Gadolinium	160-1	10655	9946	10313	10305	3.44	cps
Gadolinium	160-2	3321	3284	3250	3285	1.07	cps
Holmium	165-1	12614508	12759747	12470603	12614953	1.15	cps
Holmium	165-2	2843612	3055248	3070732	2989864	4.24	cps
Indium	115-1	9743465	9606947	9756203	9702205	0.85	cps
Indium	115-2	422515	448478	455621	442205	3.94	cps
Iron	56-2	3588958	3557744	3507199	3551300	1.16	cps
Iron	57-2	88083	86702	85344	86710	1.58	cps
Krypton	83-1	473	593	590	552	12.38	cps
Lead	206-1	942918	937176	924979	935025	0.98	cps
Lead	207-1	791062	787787	781567	786805	0.61	cps
Lead	208-1	3752088	3754104	3718627	3741606	0.53	cps
Lithium	6-1	299170	302847	301422	301147	0.62	cps
Magnesium	24-2	18004	17411	17361	17592	2.03	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB0L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 15:52:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70296	69324	69435	69685	0.76	cps
Molybdenum	94-1	2109	2617	2367	2364	10.75	cps
Molybdenum	95-1	1900	1559	1850	1770	10.43	cps
Molybdenum	96-1	1900	2225	2275	2134	9.55	cps
Molybdenum	97-1	1500	1550	1575	1542	2.48	cps
Molybdenum	98-1	3151	3226	3451	3276	4.77	cps
Neodymium	150-1	16444	16197	16304	16315	0.76	cps
Neodymium	150-2	2527	2404	2857	2596	9.04	cps
Nickel	60-2	3404	3474	3654	3511	3.67	cps
Phosphorus	31-2	175	108	167	150	24.22	cps
Potassium	39-2	5701	5977	6310	5996	5.08	cps
Rhodium	103-1	9112826	9043528	8952613	9036322	0.89	cps
Rhodium	103-2	2774720	2956775	2989378	2906958	3.98	cps
Scandium	45-1	4410249	4376744	4349492	4378828	0.69	cps
Scandium	45-2	42057	44905	44831	43931	3.70	cps
Selenium	77-2	13	13	17	14	13.35	cps
Selenium	78-2	7	2	7	6	57.77	cps
Selenium	82-1	-97	-214	-237	-183	-41.18	cps
Silicon	28-1	736856	814619	928295	826590	11.65	cps
Silver	109-1	1584	1759	1592	1645	6.00	cps
Silver	107-1	1609	1550	1450	1536	5.21	cps
Sodium	23-2	13157	13240	13290	13229	0.51	cps
Strontium	86-1	34252	34996	36341	35196	3.01	cps
Strontium	88-1	303875	301067	303358	302767	0.49	cps
Sulfur	34-1	123300	121890	121040	122077	0.94	cps
Terbium	159-1	13161796	12924065	12788806	12958222	1.46	cps
Terbium	159-2	2737659	2926101	2940784	2868181	3.95	cps
Thallium	203-1	567	508	483	519	8.23	cps
Thallium	205-1	917	1025	842	928	9.93	cps
Tin	118-1	40680	39033	39016	39576	2.41	cps
Titanium	47-1	28644	29290	27525	28486	3.14	cps
Uranium	238-1	6494	6385	5902	6260	5.04	cps
Vanadium	51-2	7022	7512	6905	7146	4.51	cps
Yttrium	89-1	9925540	9817932	9828638	9857370	0.60	cps
Yttrium	89-2	323012	337912	345525	335483	3.41	cps
Zinc	66-2	21440	21183	21380	21334	0.63	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-10LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB0L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 15:52:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3944	3818	4304	4022	6.28	cps
Zirconium	91-1	858	992	833	895	9.52	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB0S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:56:17	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68752	69957	68737	69149	1.01	cps
Antimony	121-1	145512	145217	144956	145228	0.19	cps
Arsenic	75-2	5094	5107	4940	5047	1.84	cps
Barium	135-1	1351070	1343078	1347651	1347266	0.30	cps
Barium	137-1	2423559	2386769	2391522	2400616	0.83	cps
Beryllium	9-1	3312	3512	3334	3386	3.24	cps
Bismuth	209-1	7945901	8030386	8038539	8004942	0.64	cps
Bismuth	209-2	2422283	2484752	2441522	2449519	1.31	cps
Boron	10-1	242	317	225	261	18.70	cps
Boron	11-1	1100	1467	1392	1320	14.68	cps
Cadmium	111-1	20972	20484	19974	20476	2.44	cps
Cadmium	106-1	3034	3526	3151	3237	7.94	cps
Cadmium	108-1	1513	1271	1254	1346	10.74	cps
Calcium	43-1	101194	97690	95507	98130	2.92	cps
Calcium	44-1	1692550	1670970	1653852	1672457	1.16	cps
Chromium	52-2	55483	56072	55550	55702	0.58	cps
Cobalt	59-2	188849	189368	187602	188606	0.48	cps
Copper	63-2	246460	249777	243996	246744	1.18	cps
Dysprosium	156-1	46694	45890	46626	46403	0.96	cps
Dysprosium	156-2	11462	11682	11408	11517	1.26	cps
Erbium	164-1	43006	42914	42219	42713	1.01	cps
Erbium	164-2	9544	9390	9374	9436	0.99	cps
Gadolinium	160-1	44979	44828	45522	45110	0.81	cps
Gadolinium	160-2	14121	13941	13564	13875	2.05	cps
Holmium	165-1	12573502	12603124	12500192	12558939	0.42	cps
Holmium	165-2	2904280	2972384	3008466	2961710	1.79	cps
Indium	115-1	9655871	9583645	9620607	9620041	0.38	cps
Indium	115-2	423094	435130	437688	431970	1.80	cps
Iron	56-2	16118889	16222708	16233093	16191564	0.39	cps
Iron	57-2	404346	403905	400128	402793	0.58	cps
Krypton	83-1	557	607	443	536	15.63	cps
Lead	206-1	4240102	4197819	4226184	4221368	0.51	cps
Lead	207-1	3587156	3603676	3546601	3579144	0.82	cps
Lead	208-1	16600362	16471065	16589903	16553777	0.43	cps
Lithium	6-1	292594	297504	299177	296425	1.15	cps
Magnesium	24-2	76423	76817	75292	76177	1.04	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB0S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:56:17	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	286964	285412	283696	285357	0.57	cps
Molybdenum	94-1	10622	11490	11924	11345	5.84	cps
Molybdenum	95-1	8370	7803	8019	8064	3.55	cps
Molybdenum	96-1	9596	10280	9771	9882	3.60	cps
Molybdenum	97-1	5335	5443	5977	5585	6.15	cps
Molybdenum	98-1	12898	12506	13007	12804	2.06	cps
Neodymium	150-1	71937	68352	70777	70355	2.60	cps
Neodymium	150-2	10081	10054	10141	10092	0.44	cps
Nickel	60-2	60708	60903	59915	60509	0.86	cps
Phosphorus	31-2	958	908	733	867	13.63	cps
Potassium	39-2	19047	18655	18808	18837	1.05	cps
Rhodium	103-1	8879914	8723649	8752203	8785255	0.95	cps
Rhodium	103-2	2780746	2845316	2844908	2823657	1.32	cps
Scandium	45-1	4148837	4125414	4044811	4106354	1.33	cps
Scandium	45-2	42675	42983	43675	43111	1.19	cps
Selenium	77-2	70	67	67	68	2.84	cps
Selenium	78-2	91	76	46	71	31.88	cps
Selenium	82-1	1826	1755	2150	1910	11.00	cps
Silicon	28-1	4001867	3736552	3126610	3621676	12.39	cps
Silver	109-1	78747	80223	79829	79600	0.96	cps
Silver	107-1	82184	82117	80751	81684	0.99	cps
Sodium	23-2	23220	23153	22093	22822	2.77	cps
Strontium	86-1	154886	153799	152814	153833	0.67	cps
Strontium	88-1	1357992	1340811	1336287	1345030	0.85	cps
Sulfur	34-1	126101	124839	123149	124696	1.19	cps
Terbium	159-1	12962963	12919943	12862513	12915140	0.39	cps
Terbium	159-2	2782765	2824701	2884110	2830525	1.80	cps
Thallium	203-1	61358	61148	59079	60528	2.08	cps
Thallium	205-1	145073	142451	143546	143690	0.92	cps
Tin	118-1	581358	579484	576318	579053	0.44	cps
Titanium	47-1	129160	130817	121916	127298	3.72	cps
Uranium	238-1	28422	28434	29261	28706	1.67	cps
Vanadium	51-2	79618	82689	80902	81070	1.90	cps
Yttrium	89-1	10106808	10018742	9983555	10036368	0.63	cps
Yttrium	89-2	336458	346371	344633	342487	1.55	cps
Zinc	66-2	112747	111632	110227	111535	1.13	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB0S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:56:17	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15730	17371	17442	16848	5.75	cps
Zirconium	91-1	3593	3392	3951	3645	7.77	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-13	Instrumnet Name :	P8
Client Sample ID :	MC0AB2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:59:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70074	69070	69508	69551	0.72	cps
Antimony	121-1	12999	13249	13624	13291	2.37	cps
Arsenic	75-2	1396	1461	1437	1432	2.29	cps
Barium	135-1	458530	459869	459856	459418	0.17	cps
Barium	137-1	805690	804721	802939	804450	0.17	cps
Beryllium	9-1	578	689	622	630	8.88	cps
Bismuth	209-1	7923170	7856462	7666017	7815216	1.71	cps
Bismuth	209-2	2479217	2470908	2418140	2456089	1.35	cps
Boron	10-1	192	150	350	231	45.77	cps
Boron	11-1	1425	1233	1058	1239	14.80	cps
Cadmium	111-1	3819	3633	4036	3829	5.26	cps
Cadmium	106-1	1742	1575	1850	1722	8.04	cps
Cadmium	108-1	233	171	175	193	18.10	cps
Calcium	43-1	93184	91994	94233	93137	1.20	cps
Calcium	44-1	1600844	1571057	1601832	1591244	1.10	cps
Chromium	52-2	26238	26729	25974	26314	1.46	cps
Cobalt	59-2	47611	46792	46943	47115	0.93	cps
Copper	63-2	152803	152631	151876	152437	0.32	cps
Dysprosium	156-1	63698	63639	63522	63620	0.14	cps
Dysprosium	156-2	15937	15613	15623	15724	1.17	cps
Erbium	164-1	59620	60542	61697	60620	1.72	cps
Erbium	164-2	12806	13310	12870	12996	2.11	cps
Gadolinium	160-1	60290	60182	60567	60346	0.33	cps
Gadolinium	160-2	19191	18537	18951	18893	1.75	cps
Holmium	165-1	12449616	12550145	12138807	12379523	1.73	cps
Holmium	165-2	3010790	3009565	2920978	2980444	1.73	cps
Indium	115-1	9473293	9522466	9156762	9384174	2.11	cps
Indium	115-2	441934	436327	431432	436564	1.20	cps
Iron	56-2	22742339	22771631	22230585	22581518	1.35	cps
Iron	57-2	569483	566323	556164	563990	1.23	cps
Krypton	83-1	570	667	577	604	8.93	cps
Lead	206-1	1998913	1992069	1976167	1989050	0.59	cps
Lead	207-1	1617962	1625836	1604646	1616148	0.66	cps
Lead	208-1	7774605	7755523	7739470	7756533	0.23	cps
Lithium	6-1	289868	292185	289699	290584	0.48	cps
Magnesium	24-2	103619	102971	102057	102882	0.76	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-13	Instrumnet Name :	P8
Client Sample ID :	MC0AB2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:59:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	522116	518769	513351	518079	0.85	cps
Molybdenum	94-1	9893	8362	8662	8972	9.04	cps
Molybdenum	95-1	5776	5243	5818	5613	5.72	cps
Molybdenum	96-1	7252	7111	8112	7491	7.23	cps
Molybdenum	97-1	3926	3992	4226	4048	3.89	cps
Molybdenum	98-1	9062	9312	9837	9404	4.21	cps
Neodymium	150-1	97158	95673	95129	95987	1.09	cps
Neodymium	150-2	14151	13684	13881	13905	1.69	cps
Nickel	60-2	15986	16099	15896	15994	0.64	cps
Phosphorus	31-2	717	817	700	744	8.48	cps
Potassium	39-2	10530	9762	10171	10154	3.78	cps
Rhodium	103-1	8718858	8803255	8511299	8677804	1.73	cps
Rhodium	103-2	2908168	2899789	2830911	2879623	1.47	cps
Scandium	45-1	4089035	4084605	3966135	4046592	1.72	cps
Scandium	45-2	44136	44681	41959	43592	3.30	cps
Selenium	77-2	67	63	67	66	2.94	cps
Selenium	78-2	33	30	24	29	16.07	cps
Selenium	82-1	-110	-169	-80	-120	-37.81	cps
Silicon	28-1	2214833	2320588	2357093	2297505	3.22	cps
Silver	109-1	4501	4826	4376	4568	5.09	cps
Silver	107-1	4559	4601	5118	4759	6.54	cps
Sodium	23-2	19564	17787	18530	18627	4.79	cps
Strontium	86-1	65702	65307	67208	66072	1.52	cps
Strontium	88-1	572472	575251	578103	575275	0.49	cps
Sulfur	34-1	122065	123730	123149	122982	0.69	cps
Terbium	159-1	12841927	12859095	12317201	12672741	2.43	cps
Terbium	159-2	2884021	2824667	2880515	2863068	1.16	cps
Thallium	203-1	1509	1600	1575	1561	3.04	cps
Thallium	205-1	4093	3759	3726	3859	5.26	cps
Tin	118-1	82864	84467	83016	83449	1.06	cps
Titanium	47-1	119233	126929	109950	118704	7.16	cps
Uranium	238-1	38545	36488	38244	37759	2.94	cps
Vanadium	51-2	36280	37059	36357	36566	1.17	cps
Yttrium	89-1	10190589	10264881	10014783	10156751	1.26	cps
Yttrium	89-2	358023	357257	345154	353478	2.04	cps
Zinc	66-2	62390	61506	61258	61718	0.96	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-13	Instrumnet Name :	P8
Client Sample ID :	MC0AB2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 15:59:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13801	14711	12957	13823	6.34	cps
Zirconium	91-1	3151	3092	3109	3117	0.96	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-14	Instrumnet Name :	P8
Client Sample ID :	MC0AB3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:02:54	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64499	61511	62372	62794	2.45	cps
Antimony	121-1	13266	14525	13391	13727	5.06	cps
Arsenic	75-2	1232	1424	1396	1351	7.71	cps
Barium	135-1	558975	555094	559294	557788	0.42	cps
Barium	137-1	978756	967235	980186	975392	0.73	cps
Beryllium	9-1	350	356	378	361	4.07	cps
Bismuth	209-1	8094962	8244876	8237777	8192538	1.03	cps
Bismuth	209-2	2504462	2511009	2528568	2514680	0.50	cps
Boron	10-1	467	483	575	508	11.47	cps
Boron	11-1	2125	2292	2300	2239	4.41	cps
Cadmium	111-1	3783	4087	3720	3863	5.08	cps
Cadmium	106-1	1950	2042	1834	1942	5.38	cps
Cadmium	108-1	238	204	204	215	8.94	cps
Calcium	43-1	189805	187818	186891	188171	0.79	cps
Calcium	44-1	3244093	3200488	3192689	3212424	0.86	cps
Chromium	52-2	31583	30747	30834	31055	1.48	cps
Cobalt	59-2	28893	28449	28883	28742	0.88	cps
Copper	63-2	136109	134204	133810	134708	0.91	cps
Dysprosium	156-1	76943	77950	77144	77346	0.69	cps
Dysprosium	156-2	21521	21368	21538	21476	0.44	cps
Erbium	164-1	93384	93862	94913	94053	0.83	cps
Erbium	164-2	19869	20663	20269	20267	1.96	cps
Gadolinium	160-1	83828	85281	83736	84281	1.03	cps
Gadolinium	160-2	26156	25862	26257	26092	0.78	cps
Holmium	165-1	12752380	12998961	12862367	12871236	0.96	cps
Holmium	165-2	3070109	3040228	3030366	3046901	0.68	cps
Indium	115-1	9661855	9797925	9757657	9739146	0.72	cps
Indium	115-2	441885	440163	440366	440805	0.21	cps
Iron	56-2	15503464	15531417	15504933	15513271	0.10	cps
Iron	57-2	392960	387227	390905	390364	0.74	cps
Krypton	83-1	617	740	640	666	9.84	cps
Lead	206-1	2207712	2240487	2229215	2225805	0.75	cps
Lead	207-1	1885666	1896454	1888246	1890122	0.30	cps
Lead	208-1	8782838	8870932	8821343	8825038	0.50	cps
Lithium	6-1	295893	298554	299815	298087	0.67	cps
Magnesium	24-2	102192	100413	102048	101551	0.97	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-14	Instrumnet Name :	P8
Client Sample ID :	MC0AB3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:02:54	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	240774	237661	235766	238067	1.06	cps
Molybdenum	94-1	9329	8812	8678	8940	3.84	cps
Molybdenum	95-1	7628	7419	7227	7425	2.70	cps
Molybdenum	96-1	9237	9087	9279	9201	1.10	cps
Molybdenum	97-1	5001	4884	5243	5043	3.63	cps
Molybdenum	98-1	13040	12823	12490	12784	2.17	cps
Neodymium	150-1	94633	92410	95406	94150	1.65	cps
Neodymium	150-2	13287	13130	13647	13355	1.99	cps
Nickel	60-2	11712	12122	11688	11841	2.06	cps
Phosphorus	31-2	817	892	975	895	8.86	cps
Potassium	39-2	31704	32520	30985	31736	2.42	cps
Rhodium	103-1	8858583	8916637	8904982	8893401	0.35	cps
Rhodium	103-2	2896190	2938052	2868487	2900910	1.21	cps
Scandium	45-1	4194936	4221457	4177767	4198053	0.52	cps
Scandium	45-2	43601	43190	43635	43475	0.57	cps
Selenium	77-2	57	73	60	63	13.92	cps
Selenium	78-2	61	48	31	47	31.66	cps
Selenium	82-1	-60	-172	-112	-115	-49.04	cps
Silicon	28-1	2302482	2162045	2613538	2359355	9.79	cps
Silver	109-1	2842	2734	2875	2817	2.63	cps
Silver	107-1	2784	2800	3209	2931	8.21	cps
Sodium	23-2	22502	23671	23562	23245	2.78	cps
Strontium	86-1	195220	191942	194634	193932	0.90	cps
Strontium	88-1	1748588	1737533	1756704	1747608	0.55	cps
Sulfur	34-1	140359	141543	140645	140849	0.44	cps
Terbium	159-1	12895465	13317015	13250419	13154300	1.72	cps
Terbium	159-2	2925041	2934073	2934777	2931297	0.19	cps
Thallium	203-1	1834	1792	1875	1834	2.27	cps
Thallium	205-1	3892	4159	4318	4123	5.21	cps
Tin	118-1	67020	65671	67404	66698	1.36	cps
Titanium	47-1	200106	197626	203903	200545	1.58	cps
Uranium	238-1	30605	31641	30355	30867	2.21	cps
Vanadium	51-2	28035	27794	27734	27855	0.57	cps
Yttrium	89-1	10937298	11078509	10920842	10978883	0.79	cps
Yttrium	89-2	378198	378013	374434	376881	0.56	cps
Zinc	66-2	51767	51659	51723	51716	0.10	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-14	Instrumnet Name :	P8
Client Sample ID :	MC0AB3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:02:54	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13412	14797	13066	13759	6.66	cps
Zirconium	91-1	3101	2850	2942	2965	4.28	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-15	Instrumnet Name :	P8
Client Sample ID :	MC0AB5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:06:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61753	60263	62120	61379	1.60	cps
Antimony	121-1	473809	468774	466907	469830	0.76	cps
Arsenic	75-2	6867	7096	6878	6947	1.86	cps
Barium	135-1	1378426	1373210	1358382	1370006	0.76	cps
Barium	137-1	2467683	2410233	2407757	2428557	1.40	cps
Beryllium	9-1	283	322	339	315	9.06	cps
Bismuth	209-1	8084331	7962610	7991693	8012878	0.79	cps
Bismuth	209-2	2397935	2393376	2255834	2349048	3.44	cps
Boron	10-1	742	908	850	833	10.15	cps
Boron	11-1	3651	4059	4192	3967	7.12	cps
Cadmium	111-1	132851	134550	132362	133254	0.86	cps
Cadmium	106-1	13941	13799	13399	13713	2.05	cps
Cadmium	108-1	9278	8807	8966	9017	2.66	cps
Calcium	43-1	133077	127660	128141	129626	2.31	cps
Calcium	44-1	2225542	2219088	2158841	2201157	1.67	cps
Chromium	52-2	237764	237226	238424	237805	0.25	cps
Cobalt	59-2	84018	85064	83844	84309	0.78	cps
Copper	63-2	4082931	4138439	4141417	4120929	0.80	cps
Dysprosium	156-1	20834	20976	20776	20862	0.49	cps
Dysprosium	156-2	4991	5028	4981	5000	0.49	cps
Erbium	164-1	19874	19682	18764	19440	3.05	cps
Erbium	164-2	4021	3987	3874	3961	1.94	cps
Gadolinium	160-1	19824	20225	19816	19955	1.17	cps
Gadolinium	160-2	6192	5961	5955	6036	2.23	cps
Holmium	165-1	12605884	12318131	12657583	12527199	1.46	cps
Holmium	165-2	2906593	2870693	2730268	2835851	3.29	cps
Indium	115-1	9469838	9362774	9384514	9405709	0.60	cps
Indium	115-2	418027	423078	395973	412359	3.50	cps
Iron	56-2	150376970	150435531	150470087	150427529	0.03	cps
Iron	57-2	3775402	3798199	3720991	3764864	1.05	cps
Krypton	83-1	523	510	457	497	7.10	cps
Lead	206-1	36057206	35841263	35837877	35912116	0.35	cps
Lead	207-1	30390792	30005011	29885728	30093844	0.88	cps
Lead	208-1	142395009	140962382	139710901	141022764	0.95	cps
Lithium	6-1	296006	295119	301518	297548	1.17	cps
Magnesium	24-2	200623	201161	201366	201050	0.19	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-15	Instrumnet Name :	P8
Client Sample ID :	MC0AB5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:06:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	538883	536578	537491	537651	0.22	cps
Molybdenum	94-1	63675	62831	64045	63517	0.98	cps
Molybdenum	95-1	86986	88707	87708	87800	0.98	cps
Molybdenum	96-1	100639	98138	100832	99870	1.50	cps
Molybdenum	97-1	56041	55565	56041	55883	0.49	cps
Molybdenum	98-1	143816	143909	141760	143162	0.85	cps
Neodymium	150-1	31859	32541	31472	31957	1.69	cps
Neodymium	150-2	4654	4618	4351	4541	3.65	cps
Nickel	60-2	200853	200634	199432	200306	0.38	cps
Phosphorus	31-2	358	400	483	414	15.38	cps
Potassium	39-2	14142	13248	13482	13624	3.40	cps
Rhodium	103-1	8758467	8693474	8604487	8685476	0.89	cps
Rhodium	103-2	2788657	2795806	2632452	2738972	3.37	cps
Scandium	45-1	4131031	3989009	4039521	4053187	1.78	cps
Scandium	45-2	41318	41454	39703	40825	2.39	cps
Selenium	77-2	33	37	13	28	45.44	cps
Selenium	78-2	28	15	19	20	32.79	cps
Selenium	82-1	209	270	308	262	19.02	cps
Silicon	28-1	5427189	5264176	4678274	5123213	7.69	cps
Silver	109-1	127661	126591	128030	127427	0.59	cps
Silver	107-1	136520	134961	133068	134850	1.28	cps
Sodium	23-2	24973	25933	25333	25413	1.91	cps
Strontium	86-1	145544	147188	143627	145453	1.23	cps
Strontium	88-1	1284968	1279623	1243673	1269421	1.77	cps
Sulfur	34-1	172364	166300	165922	168195	2.15	cps
Terbium	159-1	12954204	12608196	13078526	12880309	1.89	cps
Terbium	159-2	2799111	2825125	2670836	2765024	2.99	cps
Thallium	203-1	6685	7536	6644	6955	7.24	cps
Thallium	205-1	16653	16420	17104	16726	2.08	cps
Tin	118-1	1037781	1024147	1018404	1026777	0.97	cps
Titanium	47-1	179093	174425	181290	178269	1.97	cps
Uranium	238-1	28242	28158	28709	28370	1.05	cps
Vanadium	51-2	59436	58980	58545	58987	0.75	cps
Yttrium	89-1	9777560	9527176	9445008	9583248	1.81	cps
Yttrium	89-2	322880	322769	305971	317207	3.07	cps
Zinc	66-2	831362	834183	834961	833502	0.23	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-15	Instrumnet Name :	P8
Client Sample ID :	MC0AB5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:06:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	30812	32408	31765	31662	2.54	cps
Zirconium	91-1	7161	6802	6577	6847	4.30	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:09:29	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54380	53160	53460	53667	1.18	cps
Antimony	121-1	2071999	2069483	2103932	2081805	0.92	cps
Arsenic	75-2	6170	6240	6302	6237	1.06	cps
Barium	135-1	1399413	1387951	1388507	1391957	0.46	cps
Barium	137-1	2493690	2485551	2488707	2489316	0.16	cps
Beryllium	9-1	333	344	378	352	6.57	cps
Bismuth	209-1	8422687	8445334	8354781	8407601	0.56	cps
Bismuth	209-2	2572239	2387497	2510300	2490012	3.78	cps
Boron	10-1	542	508	417	489	13.24	cps
Boron	11-1	2834	2609	2575	2673	5.26	cps
Cadmium	111-1	101198	102234	101550	101661	0.52	cps
Cadmium	106-1	10863	10913	10313	10696	3.12	cps
Cadmium	108-1	7140	6860	6944	6981	2.05	cps
Calcium	43-1	58741	57854	59142	58579	1.13	cps
Calcium	44-1	988961	965011	985878	979950	1.33	cps
Chromium	52-2	158024	158389	157538	157984	0.27	cps
Cobalt	59-2	73366	71975	72793	72711	0.96	cps
Copper	63-2	4397678	4379334	4308482	4361831	1.08	cps
Dysprosium	156-1	23539	23889	23155	23528	1.56	cps
Dysprosium	156-2	5515	5621	5838	5658	2.92	cps
Erbium	164-1	21060	20834	21419	21104	1.40	cps
Erbium	164-2	4314	4594	4244	4384	4.23	cps
Gadolinium	160-1	22612	23155	23113	22960	1.32	cps
Gadolinium	160-2	7049	6869	6779	6899	1.99	cps
Holmium	165-1	12500615	12403336	12370810	12424920	0.54	cps
Holmium	165-2	2913360	2738316	2841379	2831018	3.11	cps
Indium	115-1	9328571	9252383	9103189	9228048	1.24	cps
Indium	115-2	407768	385315	406194	399759	3.14	cps
Iron	56-2	111125272	112341953	112478975	111982066	0.67	cps
Iron	57-2	2909373	2860794	2863367	2877845	0.95	cps
Krypton	83-1	550	597	507	551	8.17	cps
Lead	206-1	35100747	35044580	35030062	35058463	0.11	cps
Lead	207-1	29141488	28938140	29115607	29065078	0.38	cps
Lead	208-1	137182145	136933974	136652618	136922912	0.19	cps
Lithium	6-1	299642	302646	300852	301047	0.50	cps
Magnesium	24-2	126344	126090	126259	126231	0.10	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:09:29	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	465307	471392	467997	468232	0.65	cps
Molybdenum	94-1	51449	51809	53390	52216	1.98	cps
Molybdenum	95-1	71161	70500	71722	71128	0.86	cps
Molybdenum	96-1	80170	79333	79115	79539	0.70	cps
Molybdenum	97-1	44533	44951	46088	45190	1.78	cps
Molybdenum	98-1	113355	116136	112415	113968	1.70	cps
Neodymium	150-1	35950	35950	36726	36208	1.24	cps
Neodymium	150-2	5441	5141	5518	5367	3.71	cps
Nickel	60-2	144016	144968	144342	144442	0.33	cps
Phosphorus	31-2	442	400	450	431	6.22	cps
Potassium	39-2	10963	11691	11589	11414	3.45	cps
Rhodium	103-1	8645138	8687715	8468922	8600591	1.35	cps
Rhodium	103-2	2778071	2601494	2718335	2699300	3.33	cps
Scandium	45-1	4001129	3913344	3888131	3934201	1.51	cps
Scandium	45-2	41408	39640	41679	40909	2.71	cps
Selenium	77-2	20	17	27	21	24.12	cps
Selenium	78-2	15	24	20	20	23.60	cps
Selenium	82-1	351	202	409	321	33.32	cps
Silicon	28-1	4031075	3663662	4197616	3964118	6.89	cps
Silver	109-1	62672	60261	60244	61059	2.29	cps
Silver	107-1	63542	62973	64597	63704	1.29	cps
Sodium	23-2	21133	21593	19915	20880	4.15	cps
Strontium	86-1	82284	80429	83019	81911	1.63	cps
Strontium	88-1	712710	707884	714121	711572	0.46	cps
Sulfur	34-1	162845	158018	158142	159669	1.72	cps
Terbium	159-1	12887343	12745687	12535643	12722891	1.39	cps
Terbium	159-2	2792490	2617088	2763874	2724484	3.45	cps
Thallium	203-1	4576	4359	4368	4434	2.77	cps
Thallium	205-1	10922	10597	10913	10811	1.72	cps
Tin	118-1	5748436	5614954	5703084	5688825	1.19	cps
Titanium	47-1	164810	160665	159774	161749	1.66	cps
Uranium	238-1	25460	26170	26595	26075	2.20	cps
Vanadium	51-2	46915	47186	47072	47058	0.29	cps
Yttrium	89-1	9512690	9501053	9434608	9482784	0.44	cps
Yttrium	89-2	321401	301265	318505	313724	3.47	cps
Zinc	66-2	771077	768038	771511	770208	0.25	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:09:29	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	30916	30763	30840	30839	0.25	cps
Zirconium	91-1	6402	6986	7412	6933	7.31	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:12:44	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68434	67822	67135	67797	0.96	cps
Antimony	121-1	196351	202365	195635	198117	1.87	cps
Arsenic	75-2	4575	4408	4423	4469	2.06	cps
Barium	135-1	1424193	1432966	1420628	1425929	0.45	cps
Barium	137-1	2540139	2577312	2543991	2553814	0.80	cps
Beryllium	9-1	539	544	417	500	14.45	cps
Bismuth	209-1	7606905	7959624	7993269	7853266	2.73	cps
Bismuth	209-2	2392429	2403772	2387789	2394663	0.34	cps
Boron	10-1	667	633	633	644	2.99	cps
Boron	11-1	3317	3517	3542	3459	3.57	cps
Cadmium	111-1	22351	21699	21366	21805	2.30	cps
Cadmium	106-1	4168	3901	3401	3823	10.18	cps
Cadmium	108-1	1433	1638	1513	1528	6.74	cps
Calcium	43-1	119775	120129	119306	119737	0.34	cps
Calcium	44-1	2062727	2042590	2028156	2044491	0.85	cps
Chromium	52-2	100358	98678	99947	99661	0.88	cps
Cobalt	59-2	73831	73335	72457	73208	0.95	cps
Copper	63-2	1353318	1337244	1346201	1345588	0.60	cps
Dysprosium	156-1	37012	37338	37380	37243	0.54	cps
Dysprosium	156-2	9000	8766	8226	8664	4.58	cps
Erbium	164-1	33862	33519	33720	33700	0.51	cps
Erbium	164-2	7029	6969	6835	6944	1.43	cps
Gadolinium	160-1	34363	35499	35500	35121	1.87	cps
Gadolinium	160-2	10534	10791	10645	10657	1.21	cps
Holmium	165-1	11887965	12380369	12478337	12248890	2.58	cps
Holmium	165-2	2884228	2901990	2852556	2879591	0.87	cps
Indium	115-1	8889930	9369670	9303764	9187788	2.83	cps
Indium	115-2	414967	407386	411896	411417	0.93	cps
Iron	56-2	104334697	104292458	104547527	104391561	0.13	cps
Iron	57-2	2696917	2667075	2656948	2673646	0.78	cps
Krypton	83-1	583	547	483	538	9.41	cps
Lead	206-1	17998227	17799384	17593122	17796911	1.14	cps
Lead	207-1	14843197	14779642	14795936	14806258	0.22	cps
Lead	208-1	69755698	69465009	69050231	69423646	0.51	cps
Lithium	6-1	298190	308293	306270	304251	1.76	cps
Magnesium	24-2	139966	135069	138418	137818	1.82	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:12:44	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	373418	375133	371599	373383	0.47	cps
Molybdenum	94-1	67343	66652	67091	67029	0.52	cps
Molybdenum	95-1	84245	86701	86391	85779	1.56	cps
Molybdenum	96-1	98127	95544	96374	96682	1.36	cps
Molybdenum	97-1	54393	54594	55398	54795	0.97	cps
Molybdenum	98-1	140385	140136	142225	140915	0.81	cps
Neodymium	150-1	58223	58678	58866	58589	0.56	cps
Neodymium	150-2	8706	8043	8179	8309	4.22	cps
Nickel	60-2	63548	62480	63015	63014	0.85	cps
Phosphorus	31-2	333	392	300	342	13.58	cps
Potassium	39-2	13424	12515	12823	12920	3.58	cps
Rhodium	103-1	8077923	8524144	8539610	8380559	3.13	cps
Rhodium	103-2	2728507	2697323	2733255	2719695	0.72	cps
Scandium	45-1	3862324	3986394	3938729	3929149	1.59	cps
Scandium	45-2	41240	40736	41388	41121	0.83	cps
Selenium	77-2	37	33	43	38	13.48	cps
Selenium	78-2	31	24	28	28	13.34	cps
Selenium	82-1	-3	25	173	65	145.76	cps
Silicon	28-1	8501497	4106838	4346622	5651652	43.72	cps
Silver	109-1	11264	12223	11580	11689	4.18	cps
Silver	107-1	12732	12573	12657	12654	0.63	cps
Sodium	23-2	24781	25056	24806	24881	0.61	cps
Strontium	86-1	127499	127458	126011	126989	0.67	cps
Strontium	88-1	1094093	1087460	1107593	1096382	0.94	cps
Sulfur	34-1	150168	150602	148987	149919	0.56	cps
Terbium	159-1	12176062	12729166	12555988	12487072	2.27	cps
Terbium	159-2	2759888	2744369	2758660	2754306	0.31	cps
Thallium	203-1	5001	5043	5076	5040	0.75	cps
Thallium	205-1	12382	12832	12423	12546	1.98	cps
Tin	118-1	735376	749838	739618	741610	1.00	cps
Titanium	47-1	197931	195245	196589	196588	0.68	cps
Uranium	238-1	38051	38594	37909	38185	0.95	cps
Vanadium	51-2	29645	28683	29271	29200	1.66	cps
Yttrium	89-1	9260921	9508623	9569577	9446373	1.73	cps
Yttrium	89-2	325287	320885	322093	322755	0.70	cps
Zinc	66-2	703241	701366	696171	700259	0.52	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2987-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:12:44	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	48422	47386	49891	48566	2.59	cps
Zirconium	91-1	11393	15274	10696	12455	19.81	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P8
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:16:00	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240369	239974	238779	239707	0.35	cps
Antimony	121-1	3917774	3995161	4042329	3985088	1.58	cps
Arsenic	75-2	45642	45238	45374	45418	0.45	cps
Barium	135-1	4072689	4145223	4198399	4138770	1.52	cps
Barium	137-1	7109755	7233362	7202003	7181707	0.89	cps
Beryllium	9-1	176903	180783	180041	179243	1.15	cps
Bismuth	209-1	8085884	8161504	8242387	8163258	0.96	cps
Bismuth	209-2	2560812	2575384	2550540	2562246	0.49	cps
Boron	10-1	20365	21425	20599	20797	2.68	cps
Boron	11-1	102240	105991	109004	105745	3.20	cps
Cadmium	111-1	820316	830853	834643	828604	0.90	cps
Cadmium	106-1	84364	84397	86083	84948	1.16	cps
Cadmium	108-1	57087	57991	57820	57633	0.83	cps
Calcium	43-1	3387533	3428779	3461268	3425860	1.08	cps
Calcium	44-1	55207303	56692730	57101030	56333688	1.77	cps
Chromium	52-2	390663	385080	388147	387963	0.72	cps
Cobalt	59-2	810010	799914	810330	806751	0.73	cps
Copper	63-2	1420542	1413915	1416410	1416956	0.24	cps
Dysprosium	156-1	75	25	83	61	51.63	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	17	83	67	56	62.45	cps
Erbium	164-2	10	7	23	13	66.12	cps
Gadolinium	160-1	83	108	58	83	30.00	cps
Gadolinium	160-2	17	17	7	13	43.29	cps
Holmium	165-1	12969661	13258749	13349919	13192776	1.50	cps
Holmium	165-2	3187285	3197668	3163469	3182807	0.55	cps
Indium	115-1	9560234	9746524	9713415	9673391	1.03	cps
Indium	115-2	446578	435703	441072	441118	1.23	cps
Iron	56-2	62187493	61697860	62283017	62056123	0.51	cps
Iron	57-2	1601463	1586607	1604671	1597580	0.60	cps
Krypton	83-1	480	477	493	483	1.82	cps
Lead	206-1	2663110	2666271	2653261	2660881	0.25	cps
Lead	207-1	2430079	2419201	2393925	2414402	0.77	cps
Lead	208-1	10838744	10834275	10776430	10816483	0.32	cps
Lithium	6-1	341482	345562	350387	345810	1.29	cps
Magnesium	24-2	5948732	5905217	5889650	5914533	0.52	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P8
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:16:00	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	205983	203818	205883	205228	0.60	cps
Molybdenum	94-1	6340116	6454611	6521277	6438668	1.42	cps
Molybdenum	95-1	7724187	7934291	7928179	7862219	1.52	cps
Molybdenum	96-1	8827583	8844013	8997640	8889745	1.06	cps
Molybdenum	97-1	4989777	5037959	5145543	5057759	1.58	cps
Molybdenum	98-1	12621415	12836455	12852411	12770094	1.01	cps
Neodymium	150-1	140	180	173	164	13.03	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	244051	242268	243561	243293	0.38	cps
Phosphorus	31-2	3067	3034	3009	3037	0.96	cps
Potassium	39-2	1659731	1639569	1644433	1647911	0.64	cps
Rhodium	103-1	8575291	8764163	8782272	8707242	1.32	cps
Rhodium	103-2	2839977	2803841	2811640	2818486	0.67	cps
Scandium	45-1	4502663	4666466	4689812	4619647	2.21	cps
Scandium	45-2	45925	44791	45236	45318	1.26	cps
Selenium	77-2	307	327	300	311	4.46	cps
Selenium	78-2	994	976	1015	995	1.95	cps
Selenium	82-1	47464	48327	48193	47995	0.97	cps
Silicon	28-1	1182456	1205147	1225622	1204408	1.79	cps
Silver	109-1	3929590	3883403	3964236	3925743	1.03	cps
Silver	107-1	4034558	4042513	4146870	4074647	1.54	cps
Sodium	23-2	13938870	13986963	13930220	13952017	0.22	cps
Strontium	86-1	998575	995971	1012661	1002402	0.90	cps
Strontium	88-1	8835767	8780866	8913842	8843492	0.76	cps
Sulfur	34-1	344821	344570	347646	345679	0.49	cps
Terbium	159-1	13288811	13579730	13289372	13385971	1.25	cps
Terbium	159-2	3081630	3022389	3039169	3047729	1.00	cps
Thallium	203-1	3238116	3282744	3305423	3275428	1.05	cps
Thallium	205-1	7750522	7788356	7807735	7782204	0.37	cps
Tin	118-1	2708134	2764605	2781241	2751327	1.39	cps
Titanium	47-1	1696986	1701343	1711853	1703394	0.45	cps
Uranium	238-1	10130133	10224678	10322280	10225697	0.94	cps
Vanadium	51-2	274011	270233	274216	272820	0.82	cps
Yttrium	89-1	9772147	9878410	9972957	9874505	1.02	cps
Yttrium	89-2	335093	329799	335811	333568	0.98	cps
Zinc	66-2	124109	122767	124338	123738	0.69	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P8
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:16:00	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5365870	5413394	5365752	5381672	0.51	cps
Zirconium	91-1	1162328	1169623	1179315	1170422	0.73	cps

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : CCB086 Instrumnet Name : P8
 Client Sample ID : CCB086 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 16:19:10 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	0	25	28	105.36	cps
Antimony	121-1	10088	8586	8003	8892	12.09	cps
Arsenic	75-2	9	6	13	9	39.96	cps
Barium	135-1	225	258	133	206	31.49	cps
Barium	137-1	433	333	200	322	36.33	cps
Beryllium	9-1	33	39	50	41	20.83	cps
Bismuth	209-1	8408418	8276897	8048755	8244690	2.21	cps
Bismuth	209-2	2603729	2631755	2647859	2627781	0.85	cps
Boron	10-1	692	683	567	647	10.80	cps
Boron	11-1	3075	2892	2592	2853	8.55	cps
Cadmium	111-1	1233	1116	1076	1142	7.13	cps
Cadmium	106-1	1592	1459	1417	1489	6.14	cps
Cadmium	108-1	21	13	4	13	66.64	cps
Calcium	43-1	342	358	350	350	2.38	cps
Calcium	44-1	13465	12548	11889	12634	6.27	cps
Chromium	52-2	903	960	957	940	3.38	cps
Cobalt	59-2	57	60	57	58	3.33	cps
Copper	63-2	610	613	543	589	6.71	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	83	50	25	53	55.46	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	83	67	33	61	41.67	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	12956475	12873684	12338639	12722933	2.64	cps
Holmium	165-2	3095682	3101202	3126072	3107652	0.52	cps
Indium	115-1	10015250	9916602	9536935	9822929	2.57	cps
Indium	115-2	452460	451421	457859	453913	0.76	cps
Iron	56-2	4662	4518	4062	4414	7.10	cps
Iron	57-2	122	117	94	111	13.23	cps
Krypton	83-1	590	467	553	537	11.80	cps
Lead	206-1	1928	1728	1689	1782	7.20	cps
Lead	207-1	1750	1678	1478	1635	8.62	cps
Lead	208-1	7757	7240	6968	7321	5.47	cps
Lithium	6-1	332843	332154	316445	327147	2.84	cps
Magnesium	24-2	292	175	208	225	26.71	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB086	Instrumnet Name :	P8
Client Sample ID :	CCB086	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:19:10	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	67	50	50	33.34	cps
Molybdenum	94-1	2492	2267	1917	2225	13.02	cps
Molybdenum	95-1	3100	2692	2250	2681	15.86	cps
Molybdenum	96-1	3251	2959	2425	2878	14.54	cps
Molybdenum	97-1	2117	1950	1500	1856	17.19	cps
Molybdenum	98-1	4843	4368	3517	4243	15.83	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	73	60	66	10.58	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2575	2584	2334	2498	5.69	cps
Rhodium	103-1	9358373	9146244	8834851	9113156	2.89	cps
Rhodium	103-2	2931349	2981310	2980676	2964445	0.97	cps
Scandium	45-1	4585364	4537510	4367393	4496756	2.55	cps
Scandium	45-2	44404	44457	44564	44475	0.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-254	-111	-225	-197	-38.42	cps
Silicon	28-1	295117	149842	149834	198265	42.31	cps
Silver	109-1	675	567	500	581	15.21	cps
Silver	107-1	683	767	600	683	12.20	cps
Sodium	23-2	12664	12481	12739	12628	1.05	cps
Strontium	86-1	617	525	483	542	12.59	cps
Strontium	88-1	442	517	317	425	23.77	cps
Sulfur	34-1	174793	173341	174321	174151	0.43	cps
Terbium	159-1	13366268	13172392	12590116	13042925	3.10	cps
Terbium	159-2	2940851	2968718	2991082	2966884	0.85	cps
Thallium	203-1	1025	1100	775	967	17.60	cps
Thallium	205-1	2450	2125	1942	2173	11.85	cps
Tin	118-1	2834	2684	2759	2759	2.72	cps
Titanium	47-1	283	200	67	183	59.61	cps
Uranium	238-1	667	417	283	456	42.72	cps
Vanadium	51-2	17	23	20	20	16.65	cps
Yttrium	89-1	9823433	9683399	9473209	9660014	1.82	cps
Yttrium	89-2	331290	334471	336419	334060	0.77	cps
Zinc	66-2	50	73	40	54	31.42	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB086	Instrumnet Name :	P8
Client Sample ID :	CCB086	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:19:10	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2317	1834	1909	2020	12.88	cps
Zirconium	91-1	550	408	442	467	15.87	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109427BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:22:31	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	67	33	39	65.46	cps
Antimony	121-1	2742	2384	2175	2434	11.78	cps
Arsenic	75-2	2	4	13	6	96.48	cps
Barium	135-1	42	50	42	44	10.82	cps
Barium	137-1	108	108	83	100	14.43	cps
Beryllium	9-1	22	17	6	15	57.25	cps
Bismuth	209-1	8275807	8240183	8135669	8217220	0.89	cps
Bismuth	209-2	2586260	2587911	2516189	2563453	1.60	cps
Boron	10-1	292	233	217	247	15.93	cps
Boron	11-1	1017	1192	1150	1120	8.17	cps
Cadmium	111-1	1187	1030	1040	1086	8.09	cps
Cadmium	106-1	1642	1450	1442	1511	7.49	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	333	300	192	275	26.93	cps
Calcium	44-1	10479	10313	10321	10371	0.91	cps
Chromium	52-2	1010	967	930	969	4.13	cps
Cobalt	59-2	83	60	50	64	26.55	cps
Copper	63-2	527	493	493	504	3.82	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	50	67	50	33.34	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	75	25	17	39	81.12	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	12712654	12698255	12719542	12710151	0.09	cps
Holmium	165-2	3058796	3071117	2981736	3037217	1.59	cps
Indium	115-1	9768164	9887065	9811329	9822186	0.61	cps
Indium	115-2	452250	455133	443386	450256	1.36	cps
Iron	56-2	3245	3078	3084	3136	3.02	cps
Iron	57-2	83	94	50	76	30.47	cps
Krypton	83-1	503	480	543	509	6.29	cps
Lead	206-1	1433	1317	1239	1330	7.36	cps
Lead	207-1	1267	1372	1178	1272	7.65	cps
Lead	208-1	5740	5567	5362	5556	3.40	cps
Lithium	6-1	312539	309473	311940	311317	0.52	cps
Magnesium	24-2	167	242	217	208	18.33	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109427BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:22:31	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	80	37	52	46.17	cps
Molybdenum	94-1	883	800	833	839	5.00	cps
Molybdenum	95-1	717	592	458	589	21.94	cps
Molybdenum	96-1	958	817	642	806	19.69	cps
Molybdenum	97-1	808	692	758	753	7.78	cps
Molybdenum	98-1	1242	1033	1158	1145	9.16	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	103	67	74	34.78	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2375	2334	2342	2350	0.94	cps
Rhodium	103-1	9160099	9043001	9079567	9094222	0.66	cps
Rhodium	103-2	2918158	2951275	2885341	2918258	1.13	cps
Scandium	45-1	4463729	4413174	4504383	4460429	1.02	cps
Scandium	45-2	45162	45032	43698	44631	1.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-200	-178	-217	-198	-10.08	cps
Silicon	28-1	143200	142829	140111	142047	1.19	cps
Silver	109-1	308	183	308	267	27.06	cps
Silver	107-1	375	375	283	344	15.37	cps
Sodium	23-2	11238	11397	11438	11358	0.93	cps
Strontium	86-1	650	567	542	586	9.68	cps
Strontium	88-1	133	100	108	114	15.23	cps
Sulfur	34-1	169421	169050	170878	169783	0.57	cps
Terbium	159-1	13012457	12983759	13051047	13015754	0.26	cps
Terbium	159-2	2908751	2962946	2876160	2915953	1.50	cps
Thallium	203-1	500	442	333	425	19.90	cps
Thallium	205-1	1225	1283	1217	1242	2.93	cps
Tin	118-1	1634	1942	1717	1764	9.04	cps
Titanium	47-1	83	92	92	89	5.41	cps
Uranium	238-1	108	50	58	72	43.68	cps
Vanadium	51-2	10	10	23	14	53.28	cps
Yttrium	89-1	9783814	9513224	9724582	9673873	1.47	cps
Yttrium	89-2	334926	333928	329125	332660	0.93	cps
Zinc	66-2	40	40	30	37	15.75	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109427BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:22:31	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1092	1008	1192	1097	8.37	cps
Zirconium	91-1	242	300	250	264	11.96	cps

LB Number : LB95478 Operator : Jaswal
 Lab Sample ID : PB109427BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-18 16:25:51 DataFile Name : 047LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	217	250	250	13.33	cps
Antimony	121-1	31597	30152	31179	30976	2.40	cps
Arsenic	75-2	178	170	194	181	6.82	cps
Barium	135-1	28833	29944	30403	29726	2.72	cps
Barium	137-1	53928	51643	52421	52664	2.21	cps
Beryllium	9-1	678	628	556	620	9.90	cps
Bismuth	209-1	8115511	7888720	7977981	7994071	1.43	cps
Bismuth	209-2	2471527	2525757	2500609	2499297	1.09	cps
Boron	10-1	1992	1909	1959	1953	2.15	cps
Boron	11-1	9237	9737	9879	9618	3.51	cps
Cadmium	111-1	4195	4329	4326	4284	1.79	cps
Cadmium	106-1	1775	1817	1842	1811	1.86	cps
Cadmium	108-1	229	258	192	226	14.76	cps
Calcium	43-1	11755	12581	12590	12309	3.89	cps
Calcium	44-1	213961	214172	214323	214152	0.08	cps
Chromium	52-2	4134	3887	3917	3980	3.38	cps
Cobalt	59-2	3270	3247	3294	3270	0.71	cps
Copper	63-2	6108	6031	6018	6053	0.80	cps
Dysprosium	156-1	33	0	25	19	89.22	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	100	175	58	111	53.21	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	42	75	50	56	31.22	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	12544826	12286717	12581714	12471086	1.29	cps
Holmium	165-2	2949226	3033631	3057673	3013510	1.89	cps
Indium	115-1	9816682	9549442	9793329	9719818	1.52	cps
Indium	115-2	428248	448994	450105	442449	2.78	cps
Iron	56-2	185727	183317	185293	184779	0.70	cps
Iron	57-2	4523	4707	4534	4588	2.24	cps
Krypton	83-1	510	467	433	470	8.18	cps
Lead	206-1	10688	10822	10911	10807	1.04	cps
Lead	207-1	9315	9915	9637	9622	3.12	cps
Lead	208-1	43714	44131	44015	43953	0.49	cps
Lithium	6-1	302741	293594	302610	299648	1.75	cps
Magnesium	24-2	22936	22277	23312	22842	2.29	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109427BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:25:51	DataFile Name :	047LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	460	513	437	470	8.36	cps
Molybdenum	94-1	25475	23880	25408	24921	3.62	cps
Molybdenum	95-1	29491	28122	29542	29051	2.77	cps
Molybdenum	96-1	33709	32281	32950	32980	2.17	cps
Molybdenum	97-1	18288	18605	18947	18613	1.77	cps
Molybdenum	98-1	48145	46816	47041	47334	1.50	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1140	1093	1070	1101	3.24	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	15951	15359	15910	15740	2.10	cps
Rhodium	103-1	9062658	8840179	9063426	8988754	1.43	cps
Rhodium	103-2	2789844	2864587	2920296	2858242	2.29	cps
Scandium	45-1	4426903	4309070	4442353	4392775	1.66	cps
Scandium	45-2	43003	44480	44517	44000	1.96	cps
Selenium	77-2	17	3	3	8	99.04	cps
Selenium	78-2	7	22	20	17	48.42	cps
Selenium	82-1	743	837	794	791	5.94	cps
Silicon	28-1	193316	190945	189686	191315	0.96	cps
Silver	109-1	15226	15184	15168	15193	0.20	cps
Silver	107-1	16127	16135	16102	16121	0.11	cps
Sodium	23-2	65083	64857	64380	64773	0.55	cps
Strontium	86-1	4151	4443	4151	4248	3.97	cps
Strontium	88-1	33793	33609	33150	33517	0.99	cps
Sulfur	34-1	168183	167305	162803	166097	1.74	cps
Terbium	159-1	12895707	12807337	12766097	12823047	0.52	cps
Terbium	159-2	2814094	2916254	2905591	2878647	1.95	cps
Thallium	203-1	12131	12265	12449	12281	1.30	cps
Thallium	205-1	30313	29268	30304	29961	2.00	cps
Tin	118-1	52897	52169	53023	52697	0.87	cps
Titanium	47-1	6168	6110	6243	6174	1.08	cps
Uranium	238-1	35259	35352	36404	35672	1.78	cps
Vanadium	51-2	4908	5074	4804	4929	2.77	cps
Yttrium	89-1	9714974	9401737	9752160	9622957	2.00	cps
Yttrium	89-2	319083	332687	334728	328833	2.59	cps
Zinc	66-2	593	530	680	601	12.53	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	PB109427BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:25:51	DataFile Name :	047LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	22828	21977	22495	22433	1.91	cps
Zirconium	91-1	4776	4901	5051	4909	2.81	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-09	Instrumnet Name :	P8
Client Sample ID :	MC0AC3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:29:12	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	42	39	32.73	cps
Antimony	121-1	967	925	925	939	2.56	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	733	658	825	739	11.30	cps
Barium	137-1	1350	1208	1100	1220	10.28	cps
Beryllium	9-1	6	17	11	11	49.99	cps
Bismuth	209-1	8164846	8084082	7981833	8076920	1.14	cps
Bismuth	209-2	2456515	2296503	2399885	2384301	3.40	cps
Boron	10-1	233	192	150	192	21.74	cps
Boron	11-1	800	792	783	792	1.05	cps
Cadmium	111-1	1007	1097	989	1031	5.61	cps
Cadmium	106-1	1383	1500	1350	1411	5.58	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	367	375	417	386	6.94	cps
Calcium	44-1	11188	10755	10996	10980	1.98	cps
Chromium	52-2	1190	1183	1190	1188	0.32	cps
Cobalt	59-2	40	47	53	47	14.28	cps
Copper	63-2	860	910	913	894	3.34	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	50	42	33	66.15	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	7	0	0	2	173.21	cps
Holmium	165-1	12987098	12558301	12702762	12749387	1.71	cps
Holmium	165-2	2954429	2744505	2932959	2877298	4.01	cps
Indium	115-1	10054384	9794517	9676665	9841856	1.96	cps
Indium	115-2	440088	411585	429500	427058	3.37	cps
Iron	56-2	3367	3578	3601	3515	3.66	cps
Iron	57-2	94	89	106	96	8.81	cps
Krypton	83-1	457	463	543	488	9.89	cps
Lead	206-1	2100	1634	1628	1787	15.17	cps
Lead	207-1	1689	1417	1439	1515	9.98	cps
Lead	208-1	7757	6651	6673	7027	9.00	cps
Lithium	6-1	283376	277490	281962	280943	1.09	cps
Magnesium	24-2	133	208	108	150	34.69	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-09	Instrumnet Name :	P8
Client Sample ID :	MC0AC3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:29:12	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	67	70	61	20.65	cps
Molybdenum	94-1	392	450	383	408	8.90	cps
Molybdenum	95-1	208	200	250	219	12.21	cps
Molybdenum	96-1	367	350	283	333	13.23	cps
Molybdenum	97-1	475	542	525	514	6.75	cps
Molybdenum	98-1	458	392	400	417	8.72	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	103	100	90	98	7.10	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2692	2500	2550	2581	3.85	cps
Rhodium	103-1	9184852	8996591	8833556	9005000	1.95	cps
Rhodium	103-2	2922412	2710203	2857326	2829980	3.84	cps
Scandium	45-1	4193250	4078368	4007572	4093064	2.29	cps
Scandium	45-2	42708	39994	41629	41444	3.30	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-165	-191	-273	-210	-26.87	cps
Silicon	28-1	112267	107740	109840	109949	2.06	cps
Silver	109-1	1033	1025	1158	1072	6.97	cps
Silver	107-1	1042	1108	1058	1070	3.24	cps
Sodium	23-2	15843	15442	15501	15595	1.39	cps
Strontium	86-1	400	492	567	486	17.17	cps
Strontium	88-1	708	725	633	689	7.09	cps
Sulfur	34-1	142150	137398	136512	138687	2.19	cps
Terbium	159-1	13283712	13073481	12945564	13100919	1.30	cps
Terbium	159-2	2876708	2702366	2843402	2807492	3.30	cps
Thallium	203-1	808	583	517	636	24.03	cps
Thallium	205-1	1942	1358	1275	1525	23.82	cps
Tin	118-1	1784	1575	1800	1720	7.29	cps
Titanium	47-1	33	125	75	78	59.02	cps
Uranium	238-1	50	17	0	22	114.56	cps
Vanadium	51-2	13	20	20	18	21.66	cps
Yttrium	89-1	9768298	9431343	9469795	9556479	1.93	cps
Yttrium	89-2	328118	303908	317502	316509	3.83	cps
Zinc	66-2	670	713	790	724	8.39	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-09	Instrumnet Name :	P8
Client Sample ID :	MC0AC3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:29:12	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	758	800	633	731	11.87	cps
Zirconium	91-1	133	175	225	178	25.82	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:32:33	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61041	59693	59919	60218	1.20	cps
Antimony	121-1	17128	17054	17904	17362	2.71	cps
Arsenic	75-2	1628	1682	1665	1658	1.66	cps
Barium	135-1	594694	592308	589885	592296	0.41	cps
Barium	137-1	1033330	1036114	1033919	1034454	0.14	cps
Beryllium	9-1	561	528	567	552	3.81	cps
Bismuth	209-1	7738083	7800359	7772131	7770191	0.40	cps
Bismuth	209-2	2386607	2412561	2397830	2398999	0.54	cps
Boron	10-1	267	342	267	292	14.85	cps
Boron	11-1	1567	1358	1584	1503	8.34	cps
Cadmium	111-1	5750	6050	6012	5937	2.75	cps
Cadmium	106-1	2125	1817	2159	2034	9.27	cps
Cadmium	108-1	371	367	346	361	3.71	cps
Calcium	43-1	77723	79240	77859	78274	1.07	cps
Calcium	44-1	1355102	1344259	1349306	1349556	0.40	cps
Chromium	52-2	31339	30838	31208	31128	0.84	cps
Cobalt	59-2	38958	38995	38012	38655	1.44	cps
Copper	63-2	147443	145236	146237	146305	0.76	cps
Dysprosium	156-1	38767	40355	39252	39458	2.06	cps
Dysprosium	156-2	10802	9937	9981	10240	4.76	cps
Erbium	164-1	37054	36268	36711	36678	1.07	cps
Erbium	164-2	7989	8593	8096	8226	3.92	cps
Gadolinium	160-1	37363	38466	38149	37993	1.49	cps
Gadolinium	160-2	11795	11919	12096	11937	1.26	cps
Holmium	165-1	12216434	12208756	12008234	12144475	0.97	cps
Holmium	165-2	2944601	2880260	2864719	2896527	1.46	cps
Indium	115-1	9086085	9235544	9264055	9195228	1.04	cps
Indium	115-2	424669	417658	416937	419755	1.02	cps
Iron	56-2	18701040	18300051	18261330	18420807	1.32	cps
Iron	57-2	467237	464289	460570	464032	0.72	cps
Krypton	83-1	520	583	593	566	7.03	cps
Lead	206-1	3763369	3751858	3803140	3772789	0.71	cps
Lead	207-1	3216609	3247838	3257152	3240533	0.66	cps
Lead	208-1	14801686	14835045	14961488	14866073	0.57	cps
Lithium	6-1	277451	277041	278950	277814	0.36	cps
Magnesium	24-2	71967	74003	73198	73056	1.40	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:32:33	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	325284	325126	322476	324295	0.49	cps
Molybdenum	94-1	9699	42652	8795	20382	94.65	cps
Molybdenum	95-1	8186	8511	8370	8356	1.95	cps
Molybdenum	96-1	10713	10813	10279	10602	2.68	cps
Molybdenum	97-1	5843	5451	5702	5665	3.50	cps
Molybdenum	98-1	13983	13457	13883	13774	2.03	cps
Neodymium	150-1	58002	57848	56791	57547	1.15	cps
Neodymium	150-2	8053	8249	8346	8216	1.82	cps
Nickel	60-2	14968	14718	14878	14855	0.85	cps
Phosphorus	31-2	875	1133	1100	1036	13.56	cps
Potassium	39-2	21659	22035	22344	22013	1.56	cps
Rhodium	103-1	8506403	8536199	8498486	8513696	0.23	cps
Rhodium	103-2	2814583	2763559	2743772	2773971	1.32	cps
Scandium	45-1	3950264	3913438	3978522	3947408	0.83	cps
Scandium	45-2	41589	41488	41013	41363	0.74	cps
Selenium	77-2	50	57	30	46	30.47	cps
Selenium	78-2	28	28	13	23	37.46	cps
Selenium	82-1	-78	-59	-107	-81	-29.91	cps
Silicon	28-1	8992612	2684277	2374574	4683821	79.74	cps
Silver	109-1	5018	5176	5351	5182	3.22	cps
Silver	107-1	5293	5151	5418	5287	2.52	cps
Sodium	23-2	21693	21175	22027	21631	1.98	cps
Strontium	86-1	87736	88319	87204	87753	0.64	cps
Strontium	88-1	759030	762028	755996	759018	0.40	cps
Sulfur	34-1	143353	143859	141393	142868	0.91	cps
Terbium	159-1	12308243	12597414	12528234	12477964	1.21	cps
Terbium	159-2	2776412	2765136	2764935	2768828	0.24	cps
Thallium	203-1	2334	1975	2100	2136	8.51	cps
Thallium	205-1	4843	4801	4976	4873	1.88	cps
Tin	118-1	114181	113027	114210	113806	0.59	cps
Titanium	47-1	91783	89007	95750	92180	3.68	cps
Uranium	238-1	39423	39615	39355	39464	0.34	cps
Vanadium	51-2	32298	31586	31780	31888	1.15	cps
Yttrium	89-1	9624266	9506486	9582638	9571130	0.62	cps
Yttrium	89-2	330415	325987	329895	328766	0.74	cps
Zinc	66-2	93513	91774	92741	92676	0.94	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:32:33	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13870	19587	12228	15228	25.37	cps
Zirconium	91-1	2634	4629	2642	3302	34.81	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:35:52	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63966	62455	62565	62995	1.34	cps
Antimony	121-1	17938	18013	17454	17801	1.70	cps
Arsenic	75-2	1782	1745	1761	1762	1.05	cps
Barium	135-1	608215	610257	610844	609772	0.23	cps
Barium	137-1	1072264	1079601	1072556	1074807	0.39	cps
Beryllium	9-1	622	561	606	596	5.30	cps
Bismuth	209-1	7966983	7944301	7580892	7830725	2.77	cps
Bismuth	209-2	2429890	2439537	2522418	2463948	2.06	cps
Boron	10-1	175	242	317	244	28.99	cps
Boron	11-1	1350	1392	1300	1347	3.41	cps
Cadmium	111-1	5673	5635	5802	5703	1.53	cps
Cadmium	106-1	1917	1984	2159	2020	6.18	cps
Cadmium	108-1	392	388	396	392	1.06	cps
Calcium	43-1	81026	80524	79209	80253	1.17	cps
Calcium	44-1	1375891	1373497	1331775	1360388	1.82	cps
Chromium	52-2	31729	31162	31887	31592	1.21	cps
Cobalt	59-2	39810	39560	40338	39903	1.00	cps
Copper	63-2	148517	149840	154413	150923	2.05	cps
Dysprosium	156-1	41015	41902	39737	40885	2.66	cps
Dysprosium	156-2	10081	10101	10501	10227	2.32	cps
Erbium	164-1	38800	38976	38567	38781	0.53	cps
Erbium	164-2	8183	7869	8333	8128	2.91	cps
Gadolinium	160-1	39594	39185	38992	39257	0.78	cps
Gadolinium	160-2	12419	12406	12713	12513	1.39	cps
Holmium	165-1	12598651	12193700	11813320	12201890	3.22	cps
Holmium	165-2	2862497	2914868	2983312	2920226	2.07	cps
Indium	115-1	9369718	9147662	8806891	9108091	3.11	cps
Indium	115-2	417596	420993	428999	422529	1.39	cps
Iron	56-2	18574353	18537523	18981884	18697920	1.32	cps
Iron	57-2	470057	470133	477070	472420	0.85	cps
Krypton	83-1	537	530	577	548	4.61	cps
Lead	206-1	3984586	4018389	3962696	3988557	0.70	cps
Lead	207-1	3367551	3403616	3379151	3383439	0.54	cps
Lead	208-1	15553684	15692069	15732189	15659314	0.60	cps
Lithium	6-1	285385	282069	277495	281650	1.41	cps
Magnesium	24-2	75518	74881	76247	75549	0.90	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:35:52	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327272	326595	333591	329153	1.17	cps
Molybdenum	94-1	8754	9363	9547	9221	4.50	cps
Molybdenum	95-1	7277	7994	8111	7794	5.79	cps
Molybdenum	96-1	9937	9245	9387	9523	3.84	cps
Molybdenum	97-1	5251	5551	5410	5404	2.78	cps
Molybdenum	98-1	13340	12732	13466	13179	2.98	cps
Neodymium	150-1	59141	60419	58866	59475	1.39	cps
Neodymium	150-2	8550	8283	8616	8483	2.08	cps
Nickel	60-2	14838	15292	16213	15448	4.53	cps
Phosphorus	31-2	958	900	992	950	4.88	cps
Potassium	39-2	22360	23373	23338	23024	2.50	cps
Rhodium	103-1	8658214	8449643	8171058	8426305	2.90	cps
Rhodium	103-2	2757210	2795119	2831760	2794696	1.33	cps
Scandium	45-1	3996914	3909963	3799253	3902043	2.54	cps
Scandium	45-2	42170	41167	42993	42110	2.17	cps
Selenium	77-2	33	27	23	28	18.33	cps
Selenium	78-2	28	24	19	23	19.87	cps
Selenium	82-1	-40	-53	-80	-58	-35.12	cps
Silicon	28-1	2917682	2363599	3316515	2865932	16.70	cps
Silver	109-1	5526	5268	5251	5349	2.88	cps
Silver	107-1	5226	5393	5693	5437	4.35	cps
Sodium	23-2	20098	21283	20916	20766	2.92	cps
Strontium	86-1	89225	91087	90400	90237	1.04	cps
Strontium	88-1	780108	791701	784190	785333	0.75	cps
Sulfur	34-1	139063	136783	135597	137148	1.28	cps
Terbium	159-1	12792872	12578431	12091736	12487680	2.88	cps
Terbium	159-2	2743230	2818851	2893678	2818586	2.67	cps
Thallium	203-1	2125	2034	2059	2073	2.29	cps
Thallium	205-1	4851	4576	4559	4662	3.52	cps
Tin	118-1	120539	118093	119894	119509	1.06	cps
Titanium	47-1	94269	92700	111764	99578	10.63	cps
Uranium	238-1	40726	41035	40375	40712	0.81	cps
Vanadium	51-2	32067	31131	32351	31850	2.00	cps
Yttrium	89-1	9678204	9671644	9265482	9538443	2.48	cps
Yttrium	89-2	330626	329851	333550	331342	0.59	cps
Zinc	66-2	94140	94472	95620	94744	0.82	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:35:52	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12403	11785	12735	12308	3.92	cps
Zirconium	91-1	2725	2617	2434	2592	5.69	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 16:39:11	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13357	13407	12990	13251	1.72	cps
Antimony	121-1	3784	4168	4484	4145	8.46	cps
Arsenic	75-2	383	428	426	412	6.10	cps
Barium	135-1	127778	130170	128435	128795	0.96	cps
Barium	137-1	225311	225621	228538	226490	0.79	cps
Beryllium	9-1	117	189	128	144	26.93	cps
Bismuth	209-1	8172976	7998519	8076711	8082735	1.08	cps
Bismuth	209-2	2524255	2525810	2452306	2500790	1.68	cps
Boron	10-1	133	117	133	128	7.53	cps
Boron	11-1	775	750	658	728	8.44	cps
Cadmium	111-1	2080	1898	2030	2003	4.68	cps
Cadmium	106-1	1517	1483	1525	1508	1.46	cps
Cadmium	108-1	88	117	83	96	18.95	cps
Calcium	43-1	17946	18087	17211	17748	2.65	cps
Calcium	44-1	303747	304086	302738	303524	0.23	cps
Chromium	52-2	7649	7529	7642	7607	0.89	cps
Cobalt	59-2	8499	8489	8710	8566	1.45	cps
Copper	63-2	32712	32241	32699	32550	0.82	cps
Dysprosium	156-1	8603	8587	8070	8420	3.60	cps
Dysprosium	156-2	2220	2084	2080	2128	3.75	cps
Erbium	164-1	8061	8045	8011	8039	0.32	cps
Erbium	164-2	1904	1930	1840	1891	2.44	cps
Gadolinium	160-1	8587	8478	8420	8495	1.00	cps
Gadolinium	160-2	2624	2670	2507	2600	3.24	cps
Holmium	165-1	12684657	12419627	12787923	12630736	1.50	cps
Holmium	165-2	3066776	3037972	2894010	2999586	3.09	cps
Indium	115-1	9762740	9663083	9806770	9744198	0.76	cps
Indium	115-2	442802	443130	426712	437548	2.15	cps
Iron	56-2	4097441	4075745	4099717	4090967	0.32	cps
Iron	57-2	101977	101328	101137	101481	0.43	cps
Krypton	83-1	513	483	520	506	3.86	cps
Lead	206-1	802799	794373	802416	799863	0.59	cps
Lead	207-1	671030	675026	674005	673354	0.31	cps
Lead	208-1	3140584	3184936	3130139	3151886	0.92	cps
Lithium	6-1	291573	289871	293137	291527	0.56	cps
Magnesium	24-2	16335	16727	16427	16496	1.24	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 16:39:11	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	71472	71844	71456	71590	0.31	cps
Molybdenum	94-1	2359	2326	2334	2339	0.74	cps
Molybdenum	95-1	2050	1884	1850	1928	5.56	cps
Molybdenum	96-1	2642	2575	2850	2689	5.34	cps
Molybdenum	97-1	1725	1559	1425	1570	9.58	cps
Molybdenum	98-1	3159	3092	3009	3087	2.44	cps
Neodymium	150-1	12433	12907	12406	12582	2.24	cps
Neodymium	150-2	1817	1533	1703	1685	8.47	cps
Nickel	60-2	3427	3494	3524	3482	1.42	cps
Phosphorus	31-2	150	183	150	161	11.94	cps
Potassium	39-2	6410	7152	6552	6705	5.88	cps
Rhodium	103-1	8993643	8825871	9097339	8972284	1.53	cps
Rhodium	103-2	2922175	2902636	2804228	2876346	2.20	cps
Scandium	45-1	4195788	4236855	4270274	4234306	0.88	cps
Scandium	45-2	43929	44206	41682	43272	3.20	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	2	7	9	6	62.47	cps
Selenium	82-1	-121	-119	-145	-128	-11.17	cps
Silicon	28-1	912142	686879	630351	743124	20.06	cps
Silver	109-1	1175	1458	1308	1314	10.79	cps
Silver	107-1	1483	1225	1342	1350	9.58	cps
Sodium	23-2	12890	12281	12890	12687	2.77	cps
Strontium	86-1	20024	19164	18947	19378	2.94	cps
Strontium	88-1	165923	164996	166371	165763	0.42	cps
Sulfur	34-1	138347	139305	140443	139365	0.75	cps
Terbium	159-1	13024613	12864932	12977296	12955614	0.63	cps
Terbium	159-2	2914367	2902443	2821497	2879436	1.75	cps
Thallium	203-1	458	433	492	461	6.35	cps
Thallium	205-1	1408	1125	1100	1211	14.14	cps
Tin	118-1	25634	25726	25809	25723	0.34	cps
Titanium	47-1	19523	21918	19139	20194	7.46	cps
Uranium	238-1	8478	8537	8904	8640	2.67	cps
Vanadium	51-2	7149	7022	6889	7020	1.85	cps
Yttrium	89-1	9689158	9496442	9742195	9642598	1.34	cps
Yttrium	89-2	334032	332402	319593	328675	2.41	cps
Zinc	66-2	20472	20255	20866	20531	1.51	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-18 16:39:11	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2751	2526	4028	3101	26.13	cps
Zirconium	91-1	558	575	834	656	23.53	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:42:31	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64598	64699	64531	64610	0.13	cps
Antimony	121-1	134438	134497	134918	134618	0.19	cps
Arsenic	75-2	2319	2339	2430	2363	2.50	cps
Barium	135-1	1303117	1303978	1302175	1303090	0.07	cps
Barium	137-1	2339304	2335275	2307489	2327356	0.74	cps
Beryllium	9-1	3701	3751	3589	3680	2.24	cps
Bismuth	209-1	8200174	7931987	7949124	8027095	1.87	cps
Bismuth	209-2	2452342	2526006	2538283	2505544	1.86	cps
Boron	10-1	250	283	283	272	7.07	cps
Boron	11-1	1333	1450	1358	1381	4.45	cps
Cadmium	111-1	21539	22053	21943	21845	1.24	cps
Cadmium	106-1	3259	3276	3301	3278	0.64	cps
Cadmium	108-1	1308	1425	1250	1328	6.71	cps
Calcium	43-1	93436	91431	94016	92961	1.46	cps
Calcium	44-1	1617274	1553131	1564839	1578415	2.16	cps
Chromium	52-2	61457	56959	57314	58576	4.27	cps
Cobalt	59-2	195400	195376	194598	195125	0.23	cps
Copper	63-2	217474	214099	218683	216752	1.10	cps
Dysprosium	156-1	43448	45288	43657	44131	2.28	cps
Dysprosium	156-2	10971	10398	13902	11757	15.99	cps
Erbium	164-1	41994	43249	42504	42582	1.48	cps
Erbium	164-2	9050	9237	8876	9054	1.99	cps
Gadolinium	160-1	42704	44476	41492	42891	3.50	cps
Gadolinium	160-2	13197	13110	13297	13201	0.71	cps
Holmium	165-1	12679026	12286884	12426972	12464294	1.59	cps
Holmium	165-2	2964824	3034662	3015278	3004921	1.20	cps
Indium	115-1	9534474	9268064	9339319	9380619	1.47	cps
Indium	115-2	423031	428562	431708	427767	1.03	cps
Iron	56-2	18495294	18499343	18491934	18495524	0.02	cps
Iron	57-2	459737	468517	465011	464422	0.95	cps
Krypton	83-1	557	497	637	563	12.47	cps
Lead	206-1	4196698	4213494	4220275	4210156	0.29	cps
Lead	207-1	3615896	3597530	3662466	3625298	0.92	cps
Lead	208-1	16630783	16666959	16791003	16696248	0.50	cps
Lithium	6-1	293253	288144	285240	288879	1.40	cps
Magnesium	24-2	78023	77730	77730	77828	0.22	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:42:31	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	419852	415862	421775	419163	0.72	cps
Molybdenum	94-1	10940	9971	10692	10534	4.78	cps
Molybdenum	95-1	8828	8370	7769	8322	6.38	cps
Molybdenum	96-1	9929	9429	10088	9815	3.50	cps
Molybdenum	97-1	5501	5526	5376	5468	1.47	cps
Molybdenum	98-1	13032	12890	12807	12909	0.88	cps
Neodymium	150-1	64110	64907	65370	64796	0.98	cps
Neodymium	150-2	9123	9007	9067	9065	0.64	cps
Nickel	60-2	61569	61415	62031	61671	0.52	cps
Phosphorus	31-2	1042	1175	1050	1089	6.86	cps
Potassium	39-2	22461	21642	22478	22194	2.15	cps
Rhodium	103-1	8971365	8419605	8570416	8653796	3.30	cps
Rhodium	103-2	2824552	2820631	2908780	2851321	1.75	cps
Scandium	45-1	4120149	3878212	3983572	3993978	3.04	cps
Scandium	45-2	42330	41953	42732	42338	0.92	cps
Selenium	77-2	70	47	43	53	27.24	cps
Selenium	78-2	83	72	74	77	7.77	cps
Selenium	82-1	1829	1979	1833	1880	4.55	cps
Silicon	28-1	3080597	4019288	3131823	3410569	15.48	cps
Silver	109-1	77784	79158	78856	78599	0.92	cps
Silver	107-1	81514	82906	82611	82343	0.89	cps
Sodium	23-2	19389	20107	19673	19723	1.83	cps
Strontium	86-1	95056	93436	95366	94619	1.10	cps
Strontium	88-1	819857	820552	826452	822287	0.44	cps
Sulfur	34-1	141958	139020	137058	139346	1.77	cps
Terbium	159-1	13006709	12721066	12657426	12795067	1.45	cps
Terbium	159-2	2868981	2876339	2882156	2875826	0.23	cps
Thallium	203-1	61592	60571	61751	61305	1.04	cps
Thallium	205-1	147372	147119	150594	148362	1.31	cps
Tin	118-1	126233	126966	127351	126850	0.45	cps
Titanium	47-1	111497	113220	112781	112500	0.80	cps
Uranium	238-1	41788	42976	42155	42306	1.44	cps
Vanadium	51-2	78492	78113	80074	78893	1.32	cps
Yttrium	89-1	9807077	9593018	9670852	9690316	1.12	cps
Yttrium	89-2	335834	339439	338968	338080	0.58	cps
Zinc	66-2	105162	106367	106578	106036	0.72	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:42:31	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16626	14020	15987	15544	8.74	cps
Zirconium	91-1	3368	3167	3293	3276	3.10	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:45:49	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81192	79390	80379	80320	1.12	cps
Antimony	121-1	593190	591443	642858	609164	4.79	cps
Arsenic	75-2	7289	7265	7267	7274	0.18	cps
Barium	135-1	1381306	1387472	1389886	1386222	0.32	cps
Barium	137-1	2473434	2472022	2516520	2487325	1.02	cps
Beryllium	9-1	506	461	389	452	13.03	cps
Bismuth	209-1	8543412	8448486	8320473	8437457	1.33	cps
Bismuth	209-2	2555616	2376973	2521773	2484787	3.82	cps
Boron	10-1	1358	1492	1767	1539	13.53	cps
Boron	11-1	8344	7986	8394	8242	2.70	cps
Cadmium	111-1	378607	373092	374700	375467	0.76	cps
Cadmium	106-1	35297	35824	35606	35576	0.74	cps
Cadmium	108-1	24952	25224	24510	24896	1.45	cps
Calcium	43-1	162702	160839	161664	161735	0.58	cps
Calcium	44-1	2776968	2770075	2713425	2753489	1.27	cps
Chromium	52-2	2336526	2331609	2310827	2326321	0.59	cps
Cobalt	59-2	253068	253156	251362	252529	0.40	cps
Copper	63-2	20751053	20884853	20754858	20796921	0.37	cps
Dysprosium	156-1	27872	27655	27430	27652	0.80	cps
Dysprosium	156-2	6595	6452	6438	6495	1.34	cps
Erbium	164-1	25660	25334	25025	25340	1.25	cps
Erbium	164-2	5298	5118	5321	5246	2.12	cps
Gadolinium	160-1	25509	26236	26069	25938	1.47	cps
Gadolinium	160-2	7652	7752	7829	7745	1.14	cps
Holmium	165-1	12946092	12996078	12878358	12940176	0.46	cps
Holmium	165-2	3007083	2816294	2949917	2924431	3.35	cps
Indium	115-1	9567714	9588186	9540739	9565546	0.25	cps
Indium	115-2	419047	396026	414646	409906	2.98	cps
Iron	56-2	115306753	116701161	116894828	116300914	0.74	cps
Iron	57-2	2989115	2950947	2947728	2962597	0.78	cps
Krypton	83-1	507	493	530	510	3.64	cps
Lead	206-1	44020612	43179029	43802793	43667478	1.00	cps
Lead	207-1	36539290	36114644	36187954	36280629	0.63	cps
Lead	208-1	171170457	170028502	170404795	170534585	0.34	cps
Lithium	6-1	304362	308363	307513	306746	0.69	cps
Magnesium	24-2	158256	160569	158754	159193	0.76	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:45:49	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	642399	645876	637735	642003	0.64	cps
Molybdenum	94-1	172092	175157	168384	171877	1.97	cps
Molybdenum	95-1	267778	262893	265553	265408	0.92	cps
Molybdenum	96-1	294311	287405	290743	290820	1.19	cps
Molybdenum	97-1	167854	166318	165346	166506	0.76	cps
Molybdenum	98-1	432028	430789	429866	430894	0.25	cps
Neodymium	150-1	44951	41179	42810	42980	4.40	cps
Neodymium	150-2	6055	5905	5825	5928	1.97	cps
Nickel	60-2	1299331	1310443	1300401	1303391	0.47	cps
Phosphorus	31-2	383	425	425	411	5.85	cps
Potassium	39-2	9862	10438	10805	10368	4.58	cps
Rhodium	103-1	8952666	8800002	8712362	8821677	1.38	cps
Rhodium	103-2	2853093	2662251	2813284	2776209	3.63	cps
Scandium	45-1	4135900	4192218	4092080	4140066	1.21	cps
Scandium	45-2	42150	39269	41739	41053	3.80	cps
Selenium	77-2	10	37	17	21	65.74	cps
Selenium	78-2	22	24	31	26	18.90	cps
Selenium	82-1	390	481	352	407	16.31	cps
Silicon	28-1	6440650	6121507	6341154	6301104	2.59	cps
Silver	109-1	113946	111710	111704	112453	1.15	cps
Silver	107-1	119226	118577	118450	118751	0.35	cps
Sodium	23-2	26450	25407	26751	26203	2.69	cps
Strontium	86-1	128964	128568	128987	128840	0.18	cps
Strontium	88-1	1114943	1116451	1112132	1114509	0.20	cps
Sulfur	34-1	166732	166343	162711	165262	1.34	cps
Terbium	159-1	13163786	13319752	13249759	13244432	0.59	cps
Terbium	159-2	2911118	2688600	2892283	2830667	4.36	cps
Thallium	203-1	3251	3434	3251	3312	3.20	cps
Thallium	205-1	7553	7411	8020	7661	4.16	cps
Tin	118-1	3502858	3461017	3557760	3507212	1.38	cps
Titanium	47-1	240976	214736	222037	225916	5.99	cps
Uranium	238-1	36931	35452	36571	36318	2.12	cps
Vanadium	51-2	42254	40943	41983	41727	1.66	cps
Yttrium	89-1	9839068	9761995	9667092	9756052	0.88	cps
Yttrium	89-2	328162	308106	322065	319444	3.22	cps
Zinc	66-2	1134798	1142702	1136467	1137989	0.37	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:45:49	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	58824	52729	52998	54850	6.28	cps
Zirconium	91-1	11572	11263	11990	11609	3.14	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:49:04	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73407	74339	72486	73411	1.26	cps
Antimony	121-1	34905	34153	35051	34703	1.39	cps
Arsenic	75-2	783	919	787	830	9.28	cps
Barium	135-1	396751	384755	387389	389632	1.62	cps
Barium	137-1	681745	671565	668172	673827	1.05	cps
Beryllium	9-1	394	428	528	450	15.42	cps
Bismuth	209-1	8108069	8419392	8449754	8325738	2.27	cps
Bismuth	209-2	2519363	2402990	2473317	2465223	2.38	cps
Boron	10-1	200	200	150	183	15.75	cps
Boron	11-1	1033	1192	1175	1133	7.68	cps
Cadmium	111-1	4569	4922	4722	4738	3.75	cps
Cadmium	106-1	2167	1950	1984	2034	5.74	cps
Cadmium	108-1	338	258	275	290	14.38	cps
Calcium	43-1	62733	62390	62776	62633	0.34	cps
Calcium	44-1	1048800	1040189	1039539	1042843	0.50	cps
Chromium	52-2	30430	30684	29986	30367	1.16	cps
Cobalt	59-2	30671	31168	30724	30854	0.89	cps
Copper	63-2	189521	188733	187550	188601	0.53	cps
Dysprosium	156-1	36652	35056	35040	35583	2.60	cps
Dysprosium	156-2	8760	8613	8309	8561	2.68	cps
Erbium	164-1	30462	31515	31481	31152	1.92	cps
Erbium	164-2	6802	6822	6418	6681	3.40	cps
Gadolinium	160-1	34179	34564	34279	34341	0.58	cps
Gadolinium	160-2	10461	10261	10401	10374	0.99	cps
Holmium	165-1	12658896	13108002	13067329	12944742	1.92	cps
Holmium	165-2	3011334	2892718	2963815	2955955	2.02	cps
Indium	115-1	9431138	9851100	9614197	9632145	2.19	cps
Indium	115-2	426754	402971	418815	416180	2.91	cps
Iron	56-2	18168861	17908363	17674290	17917171	1.38	cps
Iron	57-2	452143	445282	446877	448100	0.80	cps
Krypton	83-1	547	607	563	572	5.41	cps
Lead	206-1	1263335	1257599	1261149	1260694	0.23	cps
Lead	207-1	1040184	1044070	1042599	1042284	0.19	cps
Lead	208-1	5017988	5003972	5016005	5012655	0.15	cps
Lithium	6-1	307497	311233	313158	310629	0.93	cps
Magnesium	24-2	147449	145219	143795	145487	1.27	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:49:04	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150433	148277	147345	148685	1.07	cps
Molybdenum	94-1	8254	8478	8179	8304	1.88	cps
Molybdenum	95-1	5218	5185	5226	5210	0.42	cps
Molybdenum	96-1	6419	6385	7578	6794	9.99	cps
Molybdenum	97-1	3859	3342	3484	3562	7.50	cps
Molybdenum	98-1	8520	8553	8745	8606	1.41	cps
Neodymium	150-1	57138	55344	57239	56574	1.88	cps
Neodymium	150-2	7899	7989	7933	7940	0.57	cps
Nickel	60-2	18319	19200	19370	18963	2.98	cps
Phosphorus	31-2	200	200	233	211	9.12	cps
Potassium	39-2	10722	11155	9829	10569	6.40	cps
Rhodium	103-1	8725807	9002834	9004013	8910885	1.80	cps
Rhodium	103-2	2834649	2720204	2792508	2782454	2.08	cps
Scandium	45-1	4017482	4107022	4088157	4070887	1.16	cps
Scandium	45-2	41685	39536	41067	40763	2.71	cps
Selenium	77-2	47	30	23	33	36.07	cps
Selenium	78-2	13	17	24	18	31.60	cps
Selenium	82-1	-139	-168	-135	-148	-12.33	cps
Silicon	28-1	2374311	3284147	2559364	2739274	17.55	cps
Silver	109-1	2125	2409	2259	2264	6.26	cps
Silver	107-1	2250	2092	2075	2139	4.52	cps
Sodium	23-2	17739	17378	17766	17627	1.23	cps
Strontium	86-1	58611	61057	58117	59262	2.66	cps
Strontium	88-1	512655	506194	502135	506994	1.05	cps
Sulfur	34-1	143001	139062	137135	139732	2.14	cps
Terbium	159-1	12958589	13419356	13524301	13300748	2.26	cps
Terbium	159-2	2900723	2757890	2839305	2832639	2.53	cps
Thallium	203-1	1517	1584	1525	1542	2.36	cps
Thallium	205-1	3567	3701	3734	3667	2.41	cps
Tin	118-1	44676	45955	45428	45353	1.42	cps
Titanium	47-1	151064	147986	151230	150093	1.22	cps
Uranium	238-1	35142	35744	35435	35441	0.85	cps
Vanadium	51-2	29538	29161	29301	29333	0.65	cps
Yttrium	89-1	9798973	9888839	9921068	9869627	0.64	cps
Yttrium	89-2	326763	315168	324220	322051	1.89	cps
Zinc	66-2	54908	54979	54939	54942	0.06	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:49:04	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13892	15123	13333	14116	6.49	cps
Zirconium	91-1	3301	3084	3611	3332	7.95	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:52:23	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74010	72309	71849	72723	1.57	cps
Antimony	121-1	205291	203463	212618	207124	2.34	cps
Arsenic	75-2	3675	3815	3706	3732	1.98	cps
Barium	135-1	529720	536484	532967	533057	0.63	cps
Barium	137-1	930244	933022	923832	929033	0.51	cps
Beryllium	9-1	450	522	456	476	8.44	cps
Bismuth	209-1	8220889	8463857	8088681	8257809	2.30	cps
Bismuth	209-2	2471341	2469755	2483006	2474701	0.29	cps
Boron	10-1	408	258	333	333	22.50	cps
Boron	11-1	1450	1642	1759	1617	9.63	cps
Cadmium	111-1	13943	14091	13496	13843	2.24	cps
Cadmium	106-1	2750	2942	2575	2756	6.66	cps
Cadmium	108-1	829	875	888	864	3.56	cps
Calcium	43-1	93461	92538	91817	92606	0.89	cps
Calcium	44-1	1605967	1614180	1549367	1589838	2.22	cps
Chromium	52-2	78040	76930	77644	77538	0.72	cps
Cobalt	59-2	72350	71995	71714	72019	0.44	cps
Copper	63-2	856505	848541	850859	851968	0.48	cps
Dysprosium	156-1	43265	43615	43148	43343	0.56	cps
Dysprosium	156-2	11322	10301	10434	10686	5.19	cps
Erbium	164-1	39536	39620	39043	39400	0.79	cps
Erbium	164-2	8450	8366	7832	8216	4.07	cps
Gadolinium	160-1	41358	42228	41199	41595	1.33	cps
Gadolinium	160-2	12636	12409	12109	12385	2.14	cps
Holmium	165-1	12819804	13022106	12770441	12870784	1.04	cps
Holmium	165-2	2980557	2946834	2948818	2958736	0.64	cps
Indium	115-1	9443890	9494230	9512182	9483434	0.37	cps
Indium	115-2	417799	418122	424876	420266	0.95	cps
Iron	56-2	73826241	73046560	72871041	73247947	0.69	cps
Iron	57-2	1889201	1868567	1867173	1874980	0.66	cps
Krypton	83-1	480	543	540	521	6.84	cps
Lead	206-1	7394039	7429929	7398568	7407512	0.26	cps
Lead	207-1	6314279	6254191	6321426	6296632	0.59	cps
Lead	208-1	29260531	29225158	29318205	29267964	0.16	cps
Lithium	6-1	300644	306574	299045	302088	1.31	cps
Magnesium	24-2	224049	224914	220885	223282	0.95	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:52:23	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	393630	390405	393697	392577	0.48	cps
Molybdenum	94-1	30758	29943	29733	30145	1.80	cps
Molybdenum	95-1	31471	31780	30828	31360	1.55	cps
Molybdenum	96-1	36901	36734	36542	36726	0.49	cps
Molybdenum	97-1	20567	20049	20091	20235	1.42	cps
Molybdenum	98-1	52854	51709	52578	52380	1.14	cps
Neodymium	150-1	68351	67199	67058	67536	1.05	cps
Neodymium	150-2	9667	9660	9400	9576	1.59	cps
Nickel	60-2	79030	78074	78832	78645	0.64	cps
Phosphorus	31-2	275	350	325	317	12.06	cps
Potassium	39-2	12832	12564	13098	12831	2.08	cps
Rhodium	103-1	8598033	8839568	8640453	8692684	1.48	cps
Rhodium	103-2	2832812	2784549	2793454	2803605	0.92	cps
Scandium	45-1	4051633	4140648	3966815	4053032	2.14	cps
Scandium	45-2	41846	41314	41435	41532	0.67	cps
Selenium	77-2	23	60	17	33	70.00	cps
Selenium	78-2	35	22	28	28	22.91	cps
Selenium	82-1	34	-104	-20	-30	-229.48	cps
Silicon	28-1	2690934	3059287	5805380	3851867	44.18	cps
Silver	109-1	7319	7036	7069	7141	2.17	cps
Silver	107-1	7628	7828	7594	7683	1.64	cps
Sodium	23-2	21041	20215	20240	20499	2.29	cps
Strontium	86-1	100728	100511	102408	101216	1.03	cps
Strontium	88-1	897082	890209	879124	888805	1.02	cps
Sulfur	34-1	145568	144844	146462	145624	0.56	cps
Terbium	159-1	13145859	13276369	12973481	13131903	1.16	cps
Terbium	159-2	2821352	2834582	2821631	2825855	0.27	cps
Thallium	203-1	6002	6402	5985	6129	3.85	cps
Thallium	205-1	14042	13474	15160	14225	6.03	cps
Tin	118-1	247661	244678	247518	246619	0.68	cps
Titanium	47-1	200163	206234	199802	202066	1.79	cps
Uranium	238-1	35293	35828	34758	35293	1.52	cps
Vanadium	51-2	35208	35248	35418	35291	0.32	cps
Yttrium	89-1	9882259	10033287	9728412	9881319	1.54	cps
Yttrium	89-2	331077	328717	330311	330035	0.36	cps
Zinc	66-2	222431	222847	220779	222019	0.49	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:52:23	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	32562	40154	40525	37747	11.91	cps
Zirconium	91-1	7345	7069	7444	7286	2.67	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:55:52	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142998	143704	142653	143118	0.37	cps
Antimony	121-1	510427	510033	502021	507494	0.93	cps
Arsenic	75-2	5507	5253	5384	5381	2.36	cps
Barium	135-1	1212731	1202055	1201228	1205338	0.53	cps
Barium	137-1	2159656	2142275	2169990	2157307	0.65	cps
Beryllium	9-1	500	522	567	530	6.41	cps
Bismuth	209-1	8161078	8051243	8143929	8118750	0.73	cps
Bismuth	209-2	2392467	2363798	2440910	2399058	1.62	cps
Boron	10-1	1308	1525	1300	1378	9.26	cps
Boron	11-1	6268	6468	6969	6568	5.49	cps
Cadmium	111-1	80845	80337	79753	80312	0.68	cps
Cadmium	106-1	9696	9245	9229	9390	2.82	cps
Cadmium	108-1	5493	5697	5622	5604	1.84	cps
Calcium	43-1	656716	659107	646730	654184	1.00	cps
Calcium	44-1	11190493	11008318	10999742	11066185	0.97	cps
Chromium	52-2	342203	341654	339357	341071	0.44	cps
Cobalt	59-2	130939	130373	129270	130194	0.65	cps
Copper	63-2	18100054	17989770	18144022	18077949	0.44	cps
Dysprosium	156-1	36067	37555	36661	36761	2.04	cps
Dysprosium	156-2	8856	9083	8830	8923	1.56	cps
Erbium	164-1	34179	33937	34672	34263	1.09	cps
Erbium	164-2	7225	7159	7109	7164	0.82	cps
Gadolinium	160-1	35149	36159	36402	35903	1.85	cps
Gadolinium	160-2	10855	10928	11142	10975	1.36	cps
Holmium	165-1	12824867	12488341	12849515	12720908	1.59	cps
Holmium	165-2	2899531	2849167	2928629	2892442	1.39	cps
Indium	115-1	9444752	9285545	9358688	9362995	0.85	cps
Indium	115-2	397842	394608	407438	399963	1.67	cps
Iron	56-2	127548345	128011731	126623178	127394418	0.55	cps
Iron	57-2	3257518	3252499	3218313	3242777	0.66	cps
Krypton	83-1	587	597	507	563	8.76	cps
Lead	206-1	25850670	25821172	25805237	25825693	0.09	cps
Lead	207-1	21727525	21962816	21883933	21858091	0.55	cps
Lead	208-1	101842424	102310041	101891966	102014810	0.25	cps
Lithium	6-1	298369	296311	303860	299513	1.30	cps
Magnesium	24-2	242733	242674	237979	241129	1.13	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:55:52	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	786389	795980	790257	790875	0.61	cps
Molybdenum	94-1	176011	178845	171861	175572	2.00	cps
Molybdenum	95-1	175520	171950	174128	173866	1.03	cps
Molybdenum	96-1	202609	204141	200310	202353	0.95	cps
Molybdenum	97-1	109784	109869	108927	109527	0.48	cps
Molybdenum	98-1	282213	282529	282204	282315	0.07	cps
Neodymium	150-1	54005	54701	53456	54054	1.15	cps
Neodymium	150-2	7496	7562	7716	7591	1.49	cps
Nickel	60-2	336256	336876	336361	336498	0.10	cps
Phosphorus	31-2	342	558	367	422	28.08	cps
Potassium	39-2	14199	14141	14450	14263	1.15	cps
Rhodium	103-1	8625302	8615837	8638621	8626586	0.13	cps
Rhodium	103-2	2648941	2655365	2744159	2682822	1.98	cps
Scandium	45-1	4076673	4031185	3989705	4032521	1.08	cps
Scandium	45-2	40472	39623	40398	40164	1.17	cps
Selenium	77-2	47	43	50	47	7.15	cps
Selenium	78-2	17	24	9	17	44.43	cps
Selenium	82-1	47	-21	117	47	145.87	cps
Silicon	28-1	13482035	13729507	13460438	13557326	1.10	cps
Silver	109-1	85437	88901	87586	87308	2.00	cps
Silver	107-1	92039	90084	88993	90372	1.71	cps
Sodium	23-2	34827	34601	34929	34786	0.48	cps
Strontium	86-1	378654	385595	377142	380464	1.18	cps
Strontium	88-1	3411473	3386929	3377588	3391997	0.52	cps
Sulfur	34-1	164869	164878	166150	165299	0.45	cps
Terbium	159-1	13151992	12924559	13048223	13041591	0.87	cps
Terbium	159-2	2702902	2676296	2799837	2726345	2.38	cps
Thallium	203-1	3584	3376	3884	3615	7.07	cps
Thallium	205-1	8178	8253	8678	8370	3.22	cps
Tin	118-1	3814477	3747801	3781913	3781397	0.88	cps
Titanium	47-1	515613	510318	509198	511710	0.67	cps
Uranium	238-1	45308	45602	44180	45030	1.67	cps
Vanadium	51-2	43528	43905	43929	43787	0.51	cps
Yttrium	89-1	9806226	9714499	9742106	9754277	0.48	cps
Yttrium	89-2	314583	312691	319558	315611	1.12	cps
Zinc	66-2	695755	702617	694818	697730	0.61	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:55:52	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	203206	201390	194857	199818	2.20	cps
Zirconium	91-1	47079	46775	45565	46473	1.72	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:59:06	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64280	65435	62974	64230	1.92	cps
Antimony	121-1	916709	917964	904234	912969	0.83	cps
Arsenic	75-2	6881	6739	6474	6698	3.09	cps
Barium	135-1	1386438	1378896	1375896	1380410	0.39	cps
Barium	137-1	2484120	2466148	2509461	2486576	0.88	cps
Beryllium	9-1	483	411	461	452	8.19	cps
Bismuth	209-1	8314903	8354082	8457908	8375631	0.88	cps
Bismuth	209-2	2543050	2502656	2485515	2510407	1.18	cps
Boron	10-1	1700	2025	2025	1917	9.79	cps
Boron	11-1	9370	9012	9362	9248	2.21	cps
Cadmium	111-1	69945	71530	71621	71032	1.33	cps
Cadmium	106-1	8086	8486	7953	8175	3.40	cps
Cadmium	108-1	5068	4839	5030	4979	2.47	cps
Calcium	43-1	90451	89469	88403	89441	1.14	cps
Calcium	44-1	1554701	1522918	1519981	1532533	1.26	cps
Chromium	52-2	197219	196459	195407	196362	0.46	cps
Cobalt	59-2	81695	81131	82214	81680	0.66	cps
Copper	63-2	5879258	5813471	5807536	5833422	0.68	cps
Dysprosium	156-1	22595	22495	22813	22634	0.72	cps
Dysprosium	156-2	5575	5298	5275	5382	3.10	cps
Erbium	164-1	20868	20141	21103	20704	2.42	cps
Erbium	164-2	4548	4067	4518	4377	6.14	cps
Gadolinium	160-1	21903	21686	22028	21872	0.79	cps
Gadolinium	160-2	6545	6705	6412	6554	2.24	cps
Holmium	165-1	12562330	12576662	12592174	12577055	0.12	cps
Holmium	165-2	2927076	2893262	2914686	2911675	0.59	cps
Indium	115-1	9320486	9337197	9391210	9349631	0.40	cps
Indium	115-2	406085	408793	403916	406265	0.60	cps
Iron	56-2	110842239	112386375	110815175	111347929	0.81	cps
Iron	57-2	2872359	2887799	2850716	2870291	0.65	cps
Krypton	83-1	547	520	570	546	4.59	cps
Lead	206-1	31728800	31855190	32107143	31897044	0.60	cps
Lead	207-1	26568428	26497369	26669476	26578424	0.33	cps
Lead	208-1	124890132	125059498	124582420	124844017	0.19	cps
Lithium	6-1	292168	300010	299954	297377	1.52	cps
Magnesium	24-2	177946	176704	174476	176375	1.00	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:59:06	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	564351	558230	561620	561400	0.55	cps
Molybdenum	94-1	99338	96442	97625	97801	1.49	cps
Molybdenum	95-1	145053	140480	145675	143736	1.97	cps
Molybdenum	96-1	158931	157682	156327	157647	0.83	cps
Molybdenum	97-1	91827	91794	89931	91184	1.19	cps
Molybdenum	98-1	234744	233318	231650	233237	0.66	cps
Neodymium	150-1	34372	34038	34526	34312	0.73	cps
Neodymium	150-2	4988	4998	4511	4832	5.76	cps
Nickel	60-2	272381	270072	269660	270705	0.54	cps
Phosphorus	31-2	400	350	383	378	6.74	cps
Potassium	39-2	11413	11038	11097	11183	1.81	cps
Rhodium	103-1	8601223	8605340	8592432	8599665	0.08	cps
Rhodium	103-2	2750733	2739217	2684852	2724934	1.29	cps
Scandium	45-1	3956096	3942015	3948484	3948865	0.18	cps
Scandium	45-2	41187	40870	40304	40787	1.10	cps
Selenium	77-2	17	17	27	20	28.86	cps
Selenium	78-2	19	20	4	14	64.36	cps
Selenium	82-1	126	171	132	143	17.08	cps
Silicon	28-1	3973688	4446058	4754534	4391427	8.96	cps
Silver	109-1	62161	63408	60688	62086	2.19	cps
Silver	107-1	66263	66130	65092	65828	0.97	cps
Sodium	23-2	27210	26584	25833	26542	2.60	cps
Strontium	86-1	122514	113192	113124	116277	4.65	cps
Strontium	88-1	1002290	998371	995722	998794	0.33	cps
Sulfur	34-1	162323	160723	160536	161194	0.61	cps
Terbium	159-1	12885716	12961018	13206409	13017714	1.29	cps
Terbium	159-2	2815133	2808110	2741991	2788411	1.45	cps
Thallium	203-1	4659	4568	5076	4768	5.69	cps
Thallium	205-1	11623	11397	10813	11278	3.70	cps
Tin	118-1	4689734	4680881	4682135	4684250	0.10	cps
Titanium	47-1	170564	172683	173210	172152	0.81	cps
Uranium	238-1	28693	27723	28291	28236	1.72	cps
Vanadium	51-2	45123	44384	44056	44521	1.23	cps
Yttrium	89-1	9473159	9355972	9431847	9420326	0.63	cps
Yttrium	89-2	315887	316564	313485	315312	0.51	cps
Zinc	66-2	1029532	1019965	1012406	1020634	0.84	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 16:59:06	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	43462	46977	42544	44328	5.28	cps
Zirconium	91-1	9471	10138	9796	9801	3.40	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-10	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:02:20	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73332	74472	72553	73452	1.31	cps
Antimony	121-1	31555	31605	30962	31374	1.14	cps
Arsenic	75-2	1067	969	1022	1019	4.82	cps
Barium	135-1	440254	440054	438752	439687	0.19	cps
Barium	137-1	774077	773818	775233	774376	0.10	cps
Beryllium	9-1	433	539	483	485	10.88	cps
Bismuth	209-1	7565379	8028928	8090979	7895096	3.64	cps
Bismuth	209-2	2394857	2364014	2439664	2399512	1.59	cps
Boron	10-1	167	192	150	169	12.38	cps
Boron	11-1	1158	1317	1242	1239	6.39	cps
Cadmium	111-1	6084	6199	6233	6172	1.27	cps
Cadmium	106-1	1925	1942	1984	1950	1.54	cps
Cadmium	108-1	367	308	438	371	17.44	cps
Calcium	43-1	59905	59804	59302	59670	0.54	cps
Calcium	44-1	1000459	984264	989100	991274	0.84	cps
Chromium	52-2	30998	31262	30744	31001	0.83	cps
Cobalt	59-2	34827	34667	34590	34695	0.35	cps
Copper	63-2	220342	220397	220162	220300	0.06	cps
Dysprosium	156-1	35599	36000	36009	35870	0.65	cps
Dysprosium	156-2	8796	8670	8903	8790	1.33	cps
Erbium	164-1	31706	31272	30771	31250	1.50	cps
Erbium	164-2	6605	6675	6388	6556	2.28	cps
Gadolinium	160-1	34923	33360	33912	34065	2.33	cps
Gadolinium	160-2	10434	10775	10304	10504	2.31	cps
Holmium	165-1	11954832	12531928	12550044	12345601	2.74	cps
Holmium	165-2	2860616	2834669	2897785	2864356	1.11	cps
Indium	115-1	8928138	9223944	9392536	9181539	2.56	cps
Indium	115-2	409725	411396	411831	410984	0.27	cps
Iron	56-2	19202005	19105773	19105162	19137646	0.29	cps
Iron	57-2	481037	477793	480199	479677	0.35	cps
Krypton	83-1	503	463	543	503	7.95	cps
Lead	206-1	2257378	2281804	2298071	2279084	0.90	cps
Lead	207-1	1899915	1947068	1905141	1917375	1.35	cps
Lead	208-1	8902880	8970164	8962632	8945225	0.41	cps
Lithium	6-1	285638	295674	300131	293814	2.53	cps
Magnesium	24-2	152795	151223	152394	152137	0.54	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-10	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:02:20	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	204924	204558	205295	204925	0.18	cps
Molybdenum	94-1	9045	10167	9682	9631	5.84	cps
Molybdenum	95-1	5927	5985	5818	5910	1.43	cps
Molybdenum	96-1	7719	7602	8304	7875	4.77	cps
Molybdenum	97-1	3976	4218	3842	4012	4.74	cps
Molybdenum	98-1	9262	9387	9512	9387	1.33	cps
Neodymium	150-1	60125	60453	60125	60234	0.31	cps
Neodymium	150-2	8329	8239	8386	8318	0.89	cps
Nickel	60-2	19898	19691	19414	19667	1.23	cps
Phosphorus	31-2	183	217	167	189	13.48	cps
Potassium	39-2	10212	10296	10196	10235	0.52	cps
Rhodium	103-1	8179460	8561404	8654361	8465075	2.97	cps
Rhodium	103-2	2759305	2739797	2765492	2754865	0.49	cps
Scandium	45-1	3765911	3899408	3912363	3859227	2.10	cps
Scandium	45-2	40682	39823	40050	40185	1.11	cps
Selenium	77-2	43	33	7	28	68.22	cps
Selenium	78-2	19	11	11	14	31.50	cps
Selenium	82-1	-101	-39	-135	-91	-53.30	cps
Silicon	28-1	2393492	2109990	8953218	4485567	86.31	cps
Silver	109-1	2375	2350	2375	2367	0.61	cps
Silver	107-1	2500	2409	2542	2484	2.75	cps
Sodium	23-2	17503	17611	17061	17392	1.68	cps
Strontium	86-1	60828	59706	60962	60499	1.14	cps
Strontium	88-1	520117	518714	511980	516937	0.84	cps
Sulfur	34-1	133660	131482	131591	132244	0.93	cps
Terbium	159-1	12289656	12872703	12879209	12680523	2.67	cps
Terbium	159-2	2798363	2799769	2834403	2810845	0.73	cps
Thallium	203-1	1809	1884	1842	1845	2.04	cps
Thallium	205-1	4051	4251	4318	4206	3.30	cps
Tin	118-1	114605	115538	115806	115316	0.55	cps
Titanium	47-1	137493	140976	177129	151866	14.45	cps
Uranium	238-1	34744	35669	34349	34920	1.94	cps
Vanadium	51-2	29611	30052	29515	29726	0.96	cps
Yttrium	89-1	9067948	9413700	9638298	9373315	3.07	cps
Yttrium	89-2	319509	316114	321372	318998	0.84	cps
Zinc	66-2	85750	86800	85545	86032	0.78	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-10	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:02:20	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18139	14805	17237	16727	10.31	cps
Zirconium	91-1	2925	3284	3384	3198	7.54	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-11	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:05:39	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76264	74396	74195	74952	1.52	cps
Antimony	121-1	7986	7419	7477	7628	4.09	cps
Arsenic	75-2	739	628	648	672	8.81	cps
Barium	135-1	338317	336994	336905	337406	0.23	cps
Barium	137-1	595095	592875	594197	594055	0.19	cps
Beryllium	9-1	394	489	472	452	11.16	cps
Bismuth	209-1	8232266	7973181	8192625	8132691	1.72	cps
Bismuth	209-2	2457405	2494329	2482508	2478081	0.76	cps
Boron	10-1	175	133	167	158	13.92	cps
Boron	11-1	800	933	792	842	9.44	cps
Cadmium	111-1	3050	3079	3208	3113	2.69	cps
Cadmium	106-1	1750	1775	1684	1736	2.73	cps
Cadmium	108-1	208	192	167	189	11.10	cps
Calcium	43-1	54423	53846	54457	54242	0.63	cps
Calcium	44-1	905163	917237	898819	907073	1.03	cps
Chromium	52-2	29582	29184	29521	29429	0.73	cps
Cobalt	59-2	31773	30858	31332	31321	1.46	cps
Copper	63-2	140740	138966	139444	139717	0.66	cps
Dysprosium	156-1	35324	35599	36143	35689	1.17	cps
Dysprosium	156-2	8466	8630	8810	8635	1.99	cps
Erbium	164-1	29685	30244	30061	29997	0.95	cps
Erbium	164-2	6095	6285	6648	6343	4.43	cps
Gadolinium	160-1	33845	33620	34029	33831	0.61	cps
Gadolinium	160-2	10274	10358	10057	10230	1.52	cps
Holmium	165-1	12951467	12449828	12817044	12739446	2.04	cps
Holmium	165-2	2936485	2972180	2959224	2955963	0.61	cps
Indium	115-1	9606074	9339332	9555875	9500427	1.49	cps
Indium	115-2	419491	425031	424594	423039	0.73	cps
Iron	56-2	13569795	13360808	13276537	13402380	1.13	cps
Iron	57-2	341364	336317	334591	337424	1.04	cps
Krypton	83-1	567	523	517	536	5.07	cps
Lead	206-1	595884	596018	602164	598022	0.60	cps
Lead	207-1	492111	499115	499208	496811	0.82	cps
Lead	208-1	2321566	2321561	2329751	2324293	0.20	cps
Lithium	6-1	294482	290337	295638	293486	0.95	cps
Magnesium	24-2	157280	155836	156843	156653	0.47	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-11	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:05:39	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	161573	161164	160979	161239	0.19	cps
Molybdenum	94-1	6944	7253	6977	7058	2.40	cps
Molybdenum	95-1	3917	3784	3534	3745	5.20	cps
Molybdenum	96-1	5018	4901	5276	5065	3.79	cps
Molybdenum	97-1	2650	2467	2559	2559	3.58	cps
Molybdenum	98-1	6010	6193	6085	6096	1.51	cps
Neodymium	150-1	61638	60707	59884	60743	1.45	cps
Neodymium	150-2	8450	8333	8399	8394	0.70	cps
Nickel	60-2	16079	15305	15803	15729	2.49	cps
Phosphorus	31-2	183	275	183	214	24.75	cps
Potassium	39-2	12032	11164	10988	11395	4.90	cps
Rhodium	103-1	8791253	8584262	8756498	8710671	1.27	cps
Rhodium	103-2	2806623	2813509	2835122	2818418	0.53	cps
Scandium	45-1	4108261	3913524	3956905	3992897	2.56	cps
Scandium	45-2	40970	41521	41468	41320	0.74	cps
Selenium	77-2	47	20	30	32	41.81	cps
Selenium	78-2	15	24	15	18	29.87	cps
Selenium	82-1	-185	-159	-109	-151	-25.52	cps
Silicon	28-1	1869115	1846177	3126099	2280463	32.12	cps
Silver	109-1	1408	1350	1642	1467	10.52	cps
Silver	107-1	1533	1700	1542	1592	5.90	cps
Sodium	23-2	18271	17495	17203	17656	3.13	cps
Strontium	86-1	44976	45535	44240	44917	1.45	cps
Strontium	88-1	391443	385145	382195	386261	1.22	cps
Sulfur	34-1	124721	124226	122905	123951	0.76	cps
Terbium	159-1	13443185	12904346	13225524	13191018	2.05	cps
Terbium	159-2	2875826	2926749	2836089	2879555	1.58	cps
Thallium	203-1	1200	1417	1075	1231	14.05	cps
Thallium	205-1	2984	2642	3001	2876	7.04	cps
Tin	118-1	25258	25400	25676	25445	0.84	cps
Titanium	47-1	152256	128829	124204	135096	11.13	cps
Uranium	238-1	32285	33672	33020	32993	2.10	cps
Vanadium	51-2	29244	29211	29124	29193	0.21	cps
Yttrium	89-1	9750834	9419202	9702279	9624105	1.86	cps
Yttrium	89-2	323079	327679	328109	326289	0.85	cps
Zinc	66-2	21026	20913	20816	20918	0.50	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	J2989-11	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:05:39	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12248	12540	12465	12418	1.22	cps
Zirconium	91-1	3334	2875	3042	3084	7.53	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:08:58	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237235	240897	244765	240966	1.56	cps
Antimony	121-1	4085952	4104978	4118564	4103164	0.40	cps
Arsenic	75-2	45811	46229	46273	46104	0.55	cps
Barium	135-1	4196333	4237051	4292411	4241932	1.14	cps
Barium	137-1	7236777	7356817	7424959	7339518	1.30	cps
Beryllium	9-1	178747	181915	183609	181424	1.36	cps
Bismuth	209-1	8430947	8437560	8460420	8442975	0.18	cps
Bismuth	209-2	2628231	2620484	2639429	2629381	0.36	cps
Boron	10-1	20107	21776	22068	21317	4.96	cps
Boron	11-1	104513	108913	111306	108244	3.18	cps
Cadmium	111-1	851943	853832	853545	853107	0.12	cps
Cadmium	106-1	87852	88775	87668	88098	0.67	cps
Cadmium	108-1	59192	58916	60247	59451	1.18	cps
Calcium	43-1	3446206	3467940	3507092	3473746	0.89	cps
Calcium	44-1	57494120	57284812	58078047	57618993	0.71	cps
Chromium	52-2	392456	390644	396779	393293	0.80	cps
Cobalt	59-2	819426	820057	823196	820893	0.25	cps
Copper	63-2	1439328	1436272	1438091	1437897	0.11	cps
Dysprosium	156-1	83	67	75	75	11.11	cps
Dysprosium	156-2	17	10	0	9	94.38	cps
Erbium	164-1	67	83	58	69	18.33	cps
Erbium	164-2	23	13	10	16	44.60	cps
Gadolinium	160-1	125	50	92	89	42.28	cps
Gadolinium	160-2	3	20	33	19	79.59	cps
Holmium	165-1	13732425	13859637	13757351	13783138	0.49	cps
Holmium	165-2	3250594	3248145	3275906	3258215	0.47	cps
Indium	115-1	10035001	10100699	10140332	10092011	0.53	cps
Indium	115-2	444256	448689	449392	447446	0.62	cps
Iron	56-2	62820210	62762581	62895022	62825938	0.11	cps
Iron	57-2	1615575	1632508	1635960	1628014	0.67	cps
Krypton	83-1	480	480	413	458	8.41	cps
Lead	206-1	2755508	2735954	2724429	2738631	0.57	cps
Lead	207-1	2529397	2499564	2492510	2507157	0.78	cps
Lead	208-1	11214263	11205318	11176514	11198698	0.18	cps
Lithium	6-1	341976	343071	349909	344985	1.25	cps
Magnesium	24-2	6008350	6034616	6139511	6060826	1.15	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:08:58	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	206920	207571	208600	207697	0.41	cps
Molybdenum	94-1	6565787	6609285	6563951	6579674	0.39	cps
Molybdenum	95-1	8173741	8160229	8216819	8183596	0.36	cps
Molybdenum	96-1	9064587	9083282	9139256	9095709	0.43	cps
Molybdenum	97-1	5199760	5296175	5203264	5233066	1.04	cps
Molybdenum	98-1	13151107	13210862	13264459	13208809	0.43	cps
Neodymium	150-1	153	160	160	158	2.44	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	248715	249010	249443	249056	0.15	cps
Phosphorus	31-2	3542	3351	3359	3417	3.17	cps
Potassium	39-2	1655641	1678323	1682914	1672293	0.87	cps
Rhodium	103-1	9114363	9075534	9202045	9130647	0.71	cps
Rhodium	103-2	2872869	2873815	2864974	2870553	0.17	cps
Scandium	45-1	4671154	4733330	4807980	4737488	1.45	cps
Scandium	45-2	45765	46868	46537	46390	1.22	cps
Selenium	77-2	237	300	280	272	11.89	cps
Selenium	78-2	952	1082	1061	1032	6.76	cps
Selenium	82-1	49015	48911	49266	49064	0.37	cps
Silicon	28-1	1172887	1205322	1241567	1206592	2.85	cps
Silver	109-1	3956193	4031713	4038954	4008953	1.14	cps
Silver	107-1	4167552	4221010	4199793	4196118	0.64	cps
Sodium	23-2	14056910	14072452	14189546	14106302	0.51	cps
Strontium	86-1	1019654	1020453	1022218	1020775	0.13	cps
Strontium	88-1	8958174	9024799	9023683	9002219	0.42	cps
Sulfur	34-1	343207	348592	349177	346992	0.95	cps
Terbium	159-1	13972944	14158093	14047081	14059373	0.66	cps
Terbium	159-2	3126781	3121132	3128735	3125549	0.13	cps
Thallium	203-1	3388161	3374865	3415945	3392990	0.62	cps
Thallium	205-1	7928274	8054835	8028866	8003992	0.84	cps
Tin	118-1	2829384	2819823	2832251	2827153	0.23	cps
Titanium	47-1	1697889	1727776	1757036	1727567	1.71	cps
Uranium	238-1	10547932	10535009	10532583	10538508	0.08	cps
Vanadium	51-2	276343	275856	276757	276319	0.16	cps
Yttrium	89-1	10104057	10360279	10284859	10249731	1.28	cps
Yttrium	89-2	337958	343675	338420	340018	0.93	cps
Zinc	66-2	125518	127075	126787	126460	0.66	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:08:58	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5514591	5461810	5502989	5493130	0.50	cps
Zirconium	91-1	1204443	1201004	1210457	1205302	0.40	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:12:08	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	42	31	41.66	cps
Antimony	121-1	9621	8478	7744	8614	10.98	cps
Arsenic	75-2	19	6	4	9	87.18	cps
Barium	135-1	200	217	133	183	24.05	cps
Barium	137-1	317	367	342	342	7.32	cps
Beryllium	9-1	11	33	28	24	48.04	cps
Bismuth	209-1	8837955	8771827	8912450	8840744	0.80	cps
Bismuth	209-2	2635966	2758003	2708450	2700806	2.27	cps
Boron	10-1	642	508	583	578	11.57	cps
Boron	11-1	3801	2850	2634	3095	20.06	cps
Cadmium	111-1	1279	1108	1250	1213	7.54	cps
Cadmium	106-1	1600	1475	1642	1572	5.52	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	433	325	233	331	30.29	cps
Calcium	44-1	13123	11956	12406	12495	4.71	cps
Chromium	52-2	1017	1023	913	985	6.27	cps
Cobalt	59-2	43	70	60	58	23.32	cps
Copper	63-2	653	640	617	637	2.92	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	33	75	50	44.10	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	17	50	33	33	50.00	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	13623106	13428971	13722955	13591677	1.10	cps
Holmium	165-2	3158708	3238476	3164953	3187379	1.39	cps
Indium	115-1	10513621	10268606	10419274	10400500	1.19	cps
Indium	115-2	448706	467388	459623	458572	2.05	cps
Iron	56-2	5662	5140	5251	5351	5.14	cps
Iron	57-2	161	211	117	163	28.99	cps
Krypton	83-1	557	510	520	529	4.65	cps
Lead	206-1	2095	2000	2011	2035	2.54	cps
Lead	207-1	1622	1728	1600	1650	4.14	cps
Lead	208-1	7740	7851	7684	7759	1.09	cps
Lithium	6-1	344231	339557	339165	340984	0.83	cps
Magnesium	24-2	383	275	300	319	17.76	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:12:08	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	50	67	59	14.25	cps
Molybdenum	94-1	2292	2092	1917	2100	8.94	cps
Molybdenum	95-1	2800	2392	2450	2548	8.67	cps
Molybdenum	96-1	2959	2950	2867	2925	1.73	cps
Molybdenum	97-1	2350	1759	2059	2056	14.39	cps
Molybdenum	98-1	4593	4101	3426	4040	14.50	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	57	77	77	26.09	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2767	2392	2525	2561	7.42	cps
Rhodium	103-1	9593297	9470576	9564133	9542668	0.67	cps
Rhodium	103-2	2925784	3030820	3016297	2990967	1.90	cps
Scandium	45-1	4783473	4757296	4709012	4749927	0.80	cps
Scandium	45-2	43417	44394	45042	44284	1.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-201	-137	-241	-193	-27.13	cps
Silicon	28-1	150438	151999	150231	150889	0.64	cps
Silver	109-1	742	750	567	686	15.09	cps
Silver	107-1	692	725	600	672	9.63	cps
Sodium	23-2	11872	11797	12222	11964	1.90	cps
Strontium	86-1	525	517	667	569	14.81	cps
Strontium	88-1	483	558	342	461	23.86	cps
Sulfur	34-1	180734	179486	179424	179882	0.41	cps
Terbium	159-1	14046454	13727113	13974824	13916130	1.20	cps
Terbium	159-2	3012341	3119357	3042318	3058005	1.81	cps
Thallium	203-1	1242	933	883	1020	19.04	cps
Thallium	205-1	2725	2409	2259	2464	9.67	cps
Tin	118-1	2734	2717	2567	2673	3.44	cps
Titanium	47-1	175	125	217	172	26.65	cps
Uranium	238-1	517	525	517	519	0.93	cps
Vanadium	51-2	30	23	13	22	37.76	cps
Yttrium	89-1	10182376	10089214	10246961	10172850	0.78	cps
Yttrium	89-2	328697	337843	337710	334750	1.57	cps
Zinc	66-2	23	50	87	53	59.63	cps

LB Number :	LB95478	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2018-05-18 17:12:08	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1850	1859	1700	1803	4.94	cps
Zirconium	91-1	458	367	425	417	11.14	cps