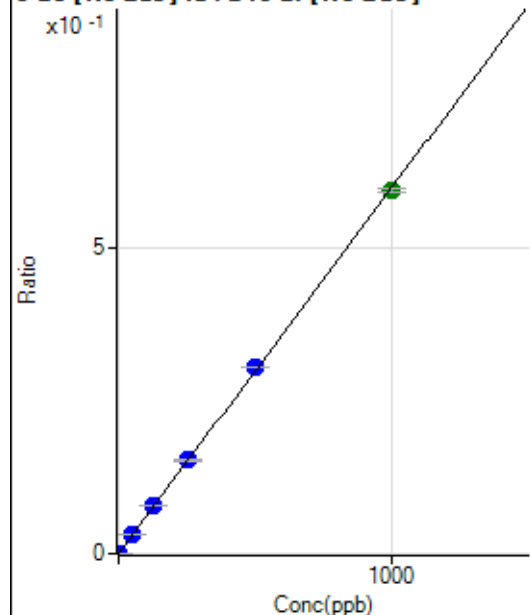


Batch Folder: D:\P8062718 -MS.b\
Analysis File: P8062718 -MS.batch.bin
DA Date-Time: 2018-06-28 12:03:09
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-06-27 13:30:39
2			
3	005CALS.d	S02	2018-06-27 13:38:18
4	006CALS.d	S03	2018-06-27 13:42:00
5	007CALS.d	S04	2018-06-27 13:45:40
6	008CALS.d	S05	2018-06-27 13:49:15
7	009CALS.d	S06	2018-06-27 13:52:45
8	010CALS.d	S07	2018-06-27 13:56:09
9	011CALS.d	S08	2018-06-27 13:59:28

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0001	P	7.7
2	☐	0.100					
3	☐	1.000	0.940	1013.03	0.0006	P	6.6
4	☐	50.000	54.012	51538.89	0.0323	P	1.5
5	☐	125.000	130.045	130960.41	0.0776	P	1.4
6	☐	250.000	256.795	261061.87	0.1532	P	1.8
7	☐	500.000	510.169	521833.02	0.3042	P	0.6
8	☐	1000.000	992.386	1036811.95	0.5918	A	1.1
9	☐			400.02	0.0002	P	23.8

$$y = 5.9625\text{E-}004 * x + 5.1656\text{E-}005$$

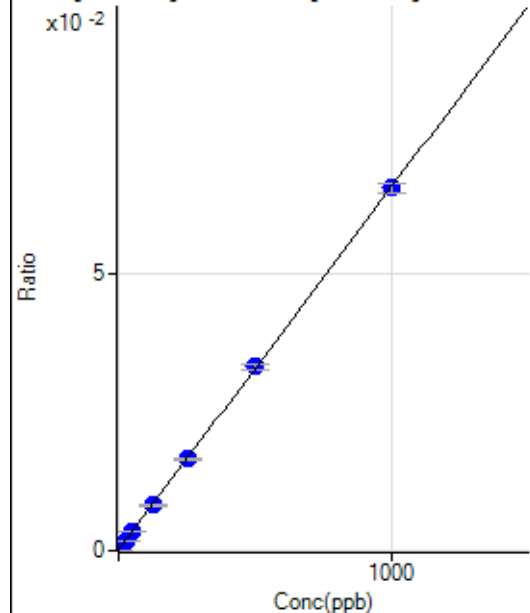
$$R = 0.9999$$

$$DL = 0.02012$$

$$BEC = 0.08663$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.79	0.0002	P	5.7
2	☐	2.500					
3	☐	25.000	24.476	2914.31	0.0018	P	5.7
4	☐	50.000	51.956	5687.49	0.0036	P	3.1
5	☐	125.000	122.682	13829.39	0.0082	P	1.2
6	☐	250.000	250.319	28212.03	0.0166	P	2.9
7	☐	500.000	504.941	57003.30	0.0332	P	3.4
8	☐	1000.000	997.655	114756.80	0.0655	P	2.8
9	☐			5401.26	0.0031	P	14.4

$$y = 6.5506\text{E-}005 * x + 1.5664\text{E-}004$$

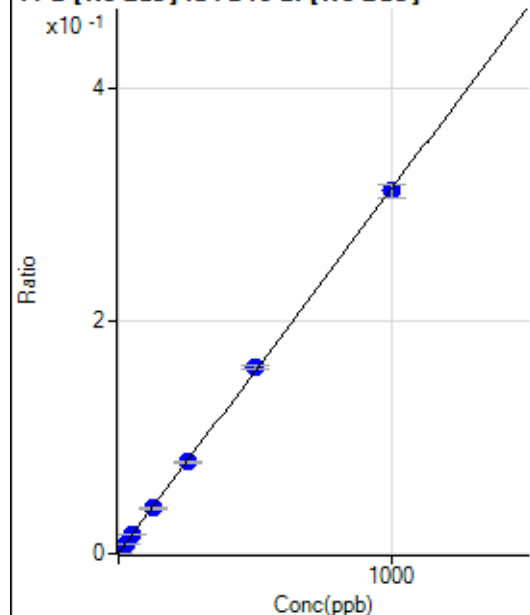
$$R = 1.0000$$

$$DL = 0.4104$$

$$BEC = 2.391$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	952.85	0.0006	P	17.0
2	☐	2.500					
3	☐	25.000	24.539	13709.86	0.0083	P	2.0
4	☐	50.000	51.670	26792.55	0.0168	P	4.6
5	☐	125.000	123.132	66108.69	0.0392	P	1.7
6	☐	250.000	249.940	134448.00	0.0789	P	2.7
7	☐	500.000	510.870	275484.03	0.1606	P	1.7
8	☐	1000.000	994.741	546805.93	0.3122	P	3.9
9	☐			25941.13	0.0150	P	7.5

$$y = 3.1323\text{E-}004 * x + 5.9121\text{E-}004$$

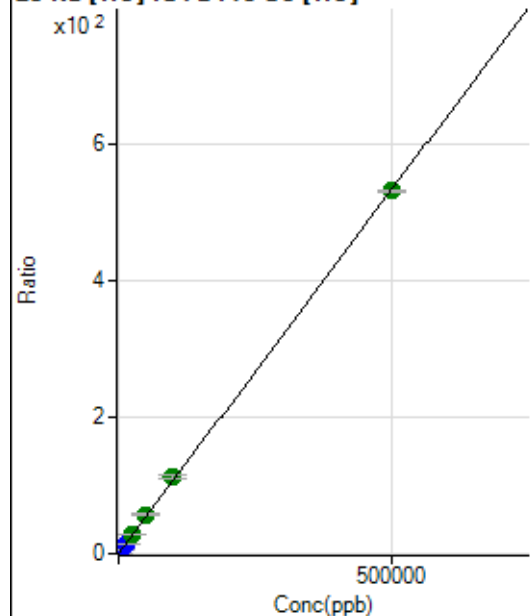
$$R = 0.9999$$

$$DL = 0.9607$$

$$BEC = 1.887$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9759.30	0.1408	P	2.8
2	☐	50.000					
3	☐	500.000	508.503	44646.15	0.6830	P	2.1
4	☐	5000.000	5369.884	395783.12	5.8669	P	4.8
5	☐	12500.000	13275.350	978851.49	14.2969	P	0.4
6	☐	25000.000	26516.260	1947831.62	28.4164	A	1.5
7	☐	50000.000	53796.858	3863173.74	57.5071	A	4.7
8	☐	100000.00	104758.62	7540467.88	111.8502	A	4.6
9	☐	500000.00	498569.68	37837210.91	531.7909	A	0.5

$$y = 0.0011 * x + 0.1408$$

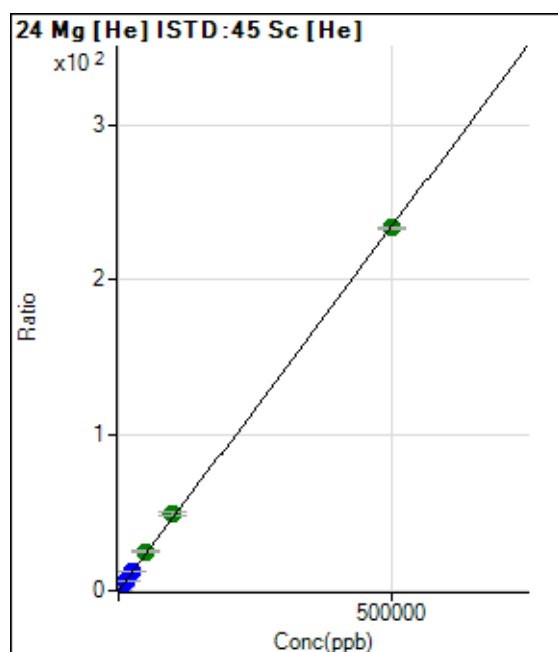
$$R = 0.9999$$

$$DL = 11.2$$

$$BEC = 132$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0029	P	14.3
2	☐	50.000					
3	☐	500.000	497.075	15400.71	0.2358	P	2.3
4	☐	5000.000	5353.333	169394.76	2.5109	P	4.6
5	☐	12500.000	13107.065	420619.03	6.1435	P	0.2
6	☐	25000.000	25935.632	833058.31	12.1536	P	1.8
7	☐	50000.000	53774.268	1692652.21	25.1959	A	4.7
8	☐	100000.00	105244.04	3323914.79	49.3092	A	5.0
9	☐	500000.00	498508.27	16617448.29	233.5517	A	0.6

$$y = 4.6850\text{E-}004 * x + 0.0029$$

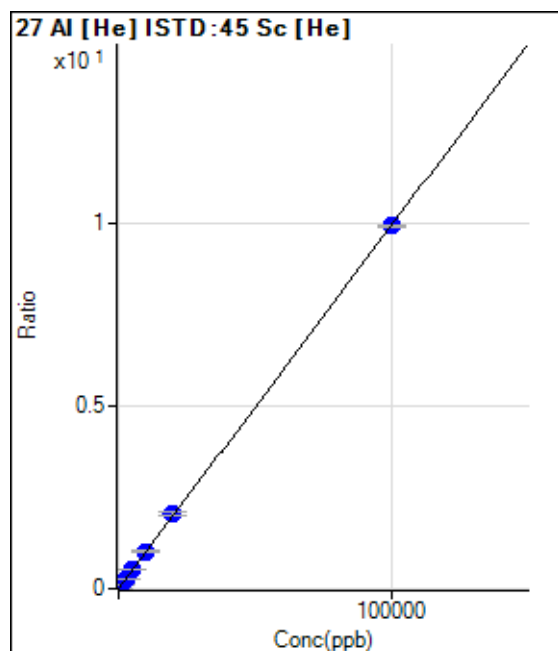
$$R = 0.9999$$

$$DL = 2.649$$

$$BEC = 6.157$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0003	P	89.2
2	☐	2.000					
3	☐	20.000	16.433	125.01	0.0019	P	18.6
4	☐	1000.000	1022.922	6890.87	0.1021	P	4.7
5	☐	2500.000	2514.669	17155.49	0.2506	P	2.2
6	☐	5000.000	5167.362	35267.30	0.5146	P	4.2
7	☐	10000.000	10292.784	68854.13	1.0247	P	3.8
8	☐	20000.000	20571.217	138004.75	2.0478	P	5.8
9	☐	100000.00	99847.515	707117.60	9.9383	P	0.8

$$y = 9.9532\text{E-}005 * x + 2.8054\text{E-}004$$

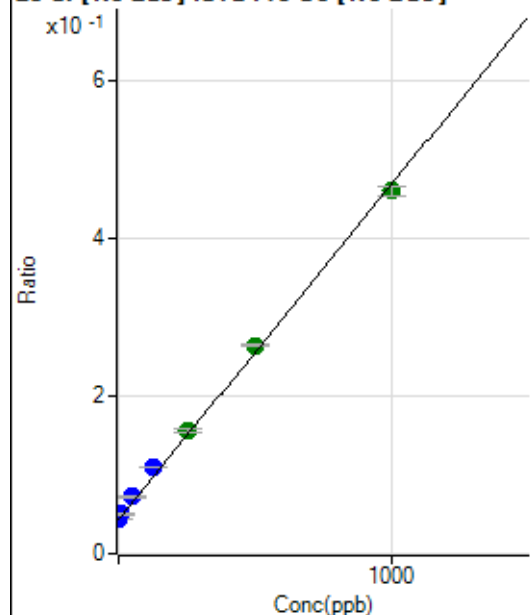
$$R = 1.0000$$

$$DL = 7.539$$

$$BEC = 2.819$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313456.59	0.0429	P	1.1
2	☐	1.000					
3	☐	10.000	16.786	371317.69	0.0500	P	1.9
4	☐	50.000	69.302	519438.01	0.0724	P	2.9
5	☐	125.000	156.844	808669.34	0.1096	P	0.9
6	☐	250.000	265.840	1165484.48	0.1559	A	1.7
7	☐	500.000	520.933	1983837.87	0.2642	A	0.3
8	☐	1000.000	980.560	3504327.99	0.4595	A	2.5
9	☐			350968.62	0.0471	P	1.3

$$y = 4.2488\text{E-}004 * x + 0.0429$$

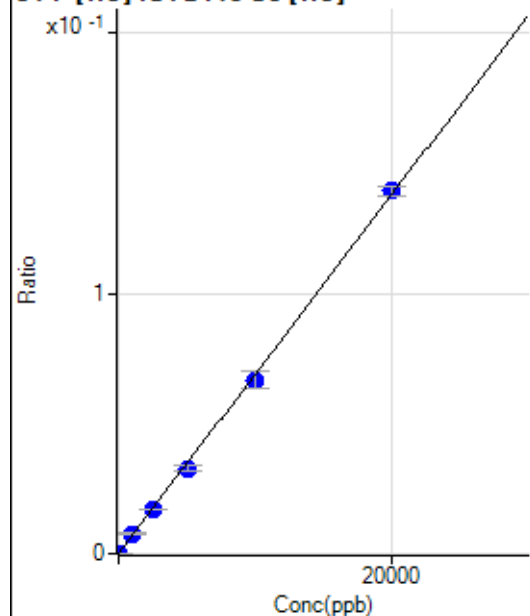
$$R = 0.9992$$

$$DL = 3.226$$

$$BEC = 101$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-9.098	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	9.098	8.33	0.0001	P	100.
4	☐	1000.000	1097.907	513.92	0.0076	P	13.1
5	☐	2500.000	2439.389	1155.65	0.0169	P	2.2
6	☐	5000.000	4759.783	2253.06	0.0329	P	6.6
7	☐	10000.000	9680.784	4489.81	0.0668	P	10.1
8	☐	20000.000	20222.344	9417.43	0.1395	P	3.0
9	☐			2.78	0.0000	P	173.

$$y = 6.8938\text{E-}006 * x + 6.2719\text{E-}005$$

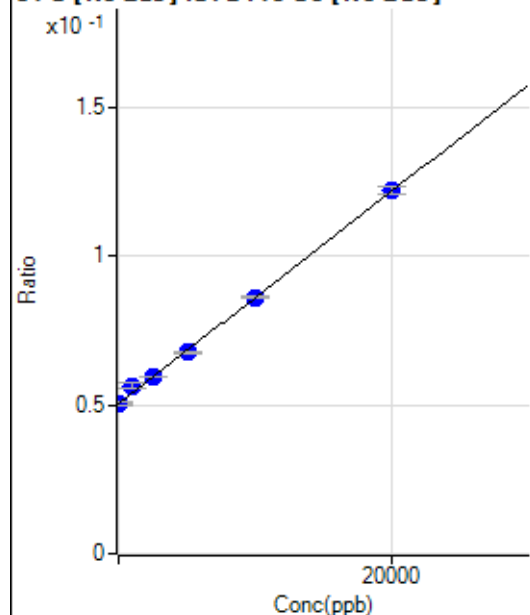
$$R = 0.9997$$

$$DL = 27.31$$

$$BEC = 9.098$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-32.914	367986.07	0.0504	P	0.3
2	☐	0.000					
3	☐	0.000	32.914	375494.84	0.0506	P	2.5
4	☐	1000.000	1645.209	404685.23	0.0564	P	3.1
5	☐	2500.000	2541.540	439785.63	0.0596	P	0.5
6	☐	5000.000	4817.296	506394.15	0.0677	P	0.7
7	☐	10000.000	9987.411	647136.54	0.0862	P	0.8
8	☐	20000.000	20014.517	930781.03	0.1221	P	2.2
9	☐			355958.67	0.0477	P	0.9

$$y = 3.5753\text{E-}006 * x + 0.0505$$

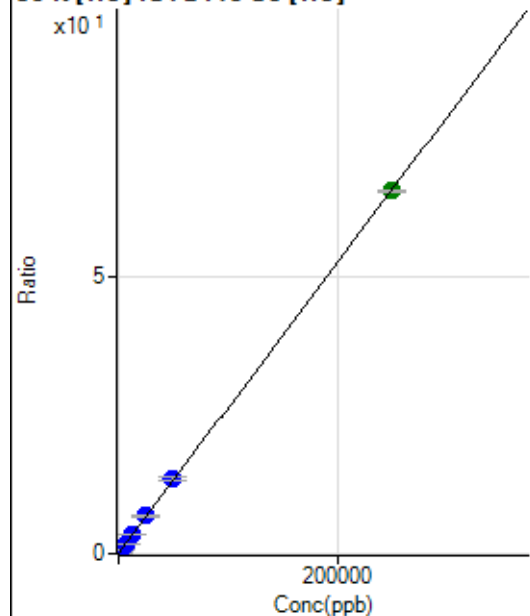
$$R = 0.9994$$

$$DL = 588.5$$

$$BEC = 1.412\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3231.06	0.0466	P	5.5
2	☐	50.000					
3	☐	500.000	486.756	11388.44	0.1743	P	1.6
4	☐	2500.000	2628.307	49671.85	0.7362	P	4.2
5	☐	6250.000	6396.462	118092.26	1.7248	P	1.1
6	☐	12500.000	12664.793	230961.57	3.3695	P	1.7
7	☐	25000.000	25819.999	458324.45	6.8210	P	3.7
8	☐	50000.000	51195.803	908580.09	13.4788	P	5.1
9	☐	250000.00	249665.68	4664086.69	65.5513	A	0.6

$$y = 2.6237\text{E-}004 * x + 0.0466$$

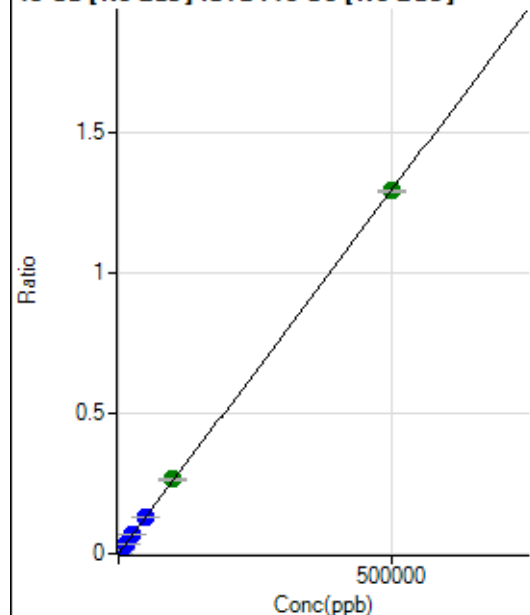
$$R = 1.0000$$

$$DL = 29.34$$

$$BEC = 177.6$$

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	566.70	0.0001	P	9.7
2	☐	50.000					
3	☐	500.000	465.351	9511.95	0.0013	P	7.6
4	☐	5000.000	5219.303	97576.79	0.0136	P	3.2
5	☐	12500.000	12803.328	245295.75	0.0332	P	0.2
6	☐	25000.000	25403.105	492484.54	0.0659	P	1.0
7	☐	50000.000	51244.168	996751.68	0.1328	P	0.7
8	☐	100000.00	102611.32	2026819.47	0.2658	A	2.5
9	☐	500000.00	499323.42	9642831.12	1.2930	A	0.3

$$y = 2.5894\text{E-}006 * x + 7.7578\text{E-}005$$

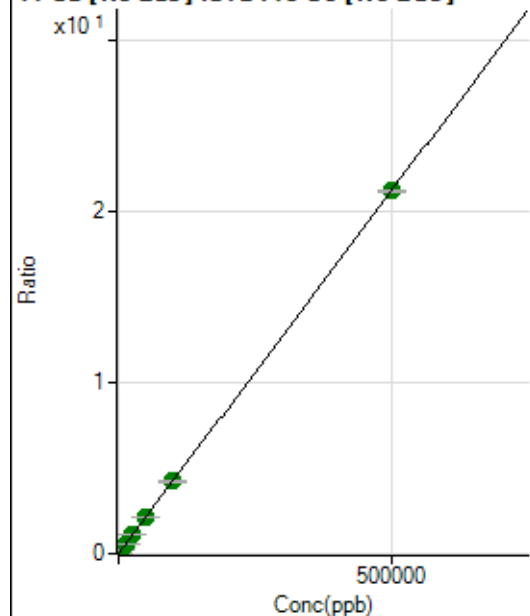
$$R = 1.0000$$

$$DL = 8.716$$

$$BEC = 29.96$$

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	22947.45	0.0031	P	2.3
2	☐	50.000					
3	☐	500.000	459.231	167752.73	0.0226	P	1.7
4	☐	5000.000	5304.233	1636775.29	0.2280	A	2.5
5	☐	12500.000	12809.117	4031086.24	0.5461	A	0.4
6	☐	25000.000	25310.320	8046720.75	1.0760	A	0.7
7	☐	50000.000	50761.798	16177389.42	2.1549	A	0.6
8	☐	100000.00	100098.67	32382458.02	4.2462	A	2.0
9	☐	500000.00	499877.83	158036338.2	21.1922	A	0.6

$$y = 4.2389\text{E-}005 * x + 0.0031$$

$$R = 1.0000$$

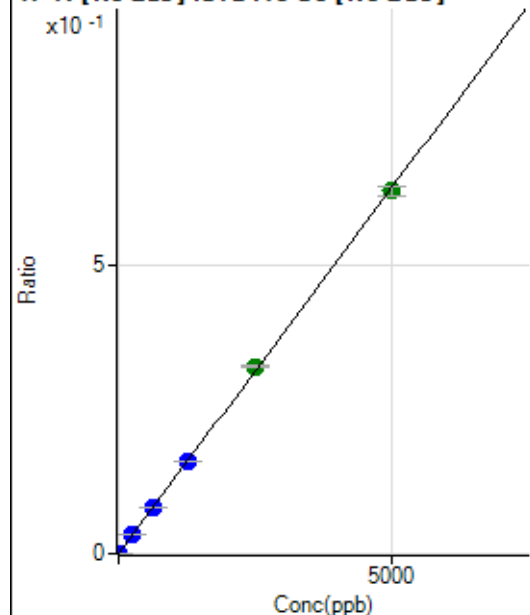
$$DL = 5.185$$

$$BEC = 74.11$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	127.79	0.0000	P	33.3
2	☐	0.500					
3	☐	5.000	5.104	4917.76	0.0007	P	1.2
4	☐	250.000	258.689	234838.86	0.0327	P	2.8
5	☐	625.000	636.692	594111.05	0.0805	P	0.6
6	☐	1250.000	1268.577	1199105.32	0.1603	P	0.9
7	☐	2500.000	2560.881	2429985.15	0.3237	A	0.4
8	☐	5000.000	4963.019	4783499.11	0.6273	A	2.5
9	☐			2944.89	0.0004	P	8.2

$$y = 1.2639\text{E-}004 * x + 1.7517\text{E-}005$$

$$R = 0.9999$$

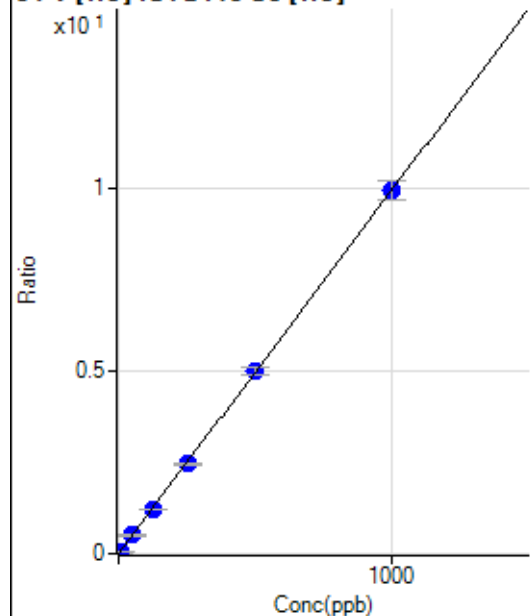
$$DL = 0.1385$$

$$BEC = 0.1386$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0002	P	45.7
2	☐	0.500					
3	☐	5.000	4.676	3051.50	0.0467	P	3.8
4	☐	50.000	50.725	34063.77	0.5049	P	4.8
5	☐	125.000	123.492	84149.87	1.2291	P	0.5
6	☐	250.000	247.009	168500.40	2.4582	P	1.6
7	☐	500.000	503.167	336418.87	5.0074	P	4.2
8	☐	1000.000	999.318	670330.98	9.9448	P	5.2
9	☐			273.34	0.0038	P	9.1

$$y = 0.0100 * x + 1.6026\text{E-}004$$

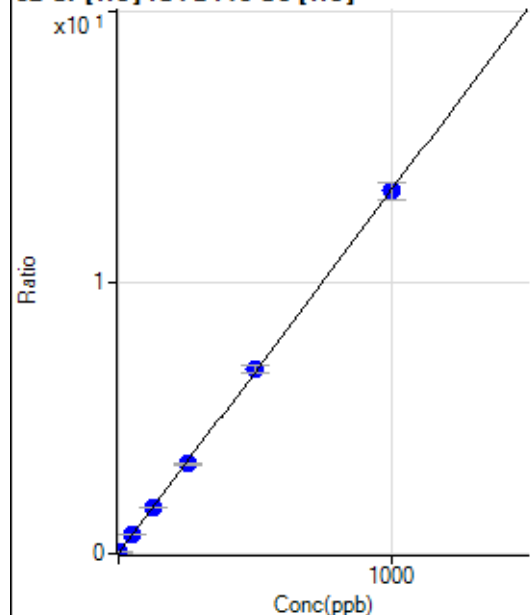
$$R = 1.0000$$

$$DL = 0.02209$$

$$BEC = 0.0161$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	656.69	0.0095	P	3.2
2	☐	0.200					
3	☐	2.000	2.041	2411.36	0.0369	P	3.7
4	☐	50.000	50.732	46593.06	0.6905	P	3.5
5	☐	125.000	124.681	115233.17	1.6831	P	0.7
6	☐	250.000	246.021	227021.16	3.3118	P	0.9
7	☐	500.000	506.320	457210.52	6.8059	P	4.6
8	☐	1000.000	997.838	903612.37	13.4036	P	4.6
9	☐			30474.43	0.4283	P	0.6

$$y = 0.0134 * x + 0.0095$$

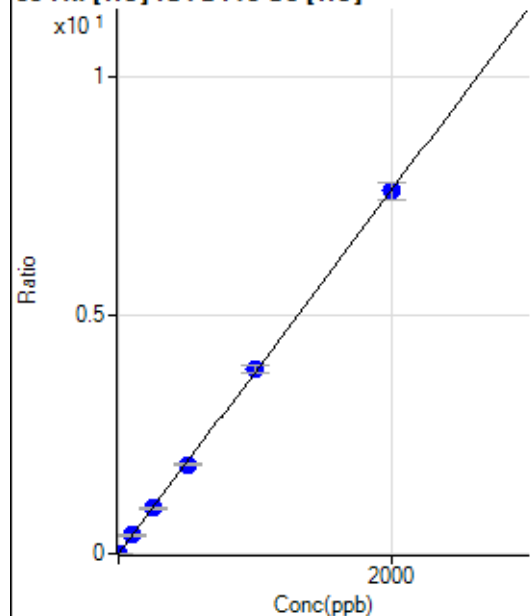
$$R = 1.0000$$

$$DL = 0.068$$

$$BEC = 0.7056$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.55	0.0007	P	29.5
2	☐	0.100					
3	☐	1.000	1.106	317.79	0.0049	P	7.9
4	☐	100.000	101.669	26174.74	0.3879	P	3.8
5	☐	250.000	248.558	64865.50	0.9474	P	0.6
6	☐	500.000	490.597	128140.95	1.8693	P	0.8
7	☐	1000.000	1011.996	259030.81	3.8553	P	4.1
8	☐	2000.000	1996.449	512660.79	7.6051	P	5.0
9	☐			2366.91	0.0333	P	6.9

$$y = 0.0038 * x + 6.5698E-004$$

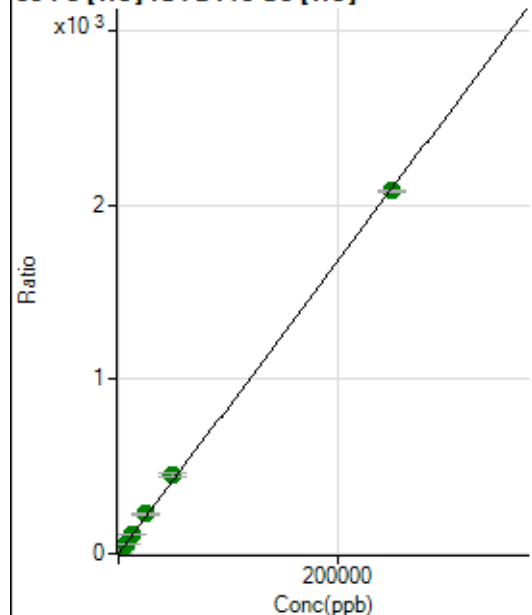
$$R = 1.0000$$

$$DL = 0.1528$$

$$BEC = 0.1725$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1607.54	0.0232	P	9.5
2	☐	5.000					
3	☐	50.000	51.813	29869.60	0.4571	P	1.9
4	☐	2500.000	2790.871	1578280.95	23.3950	A	4.7
5	☐	6250.000	6831.331	3918399.25	57.2314	A	0.7
6	☐	12500.000	13354.102	7667480.15	111.8556	A	1.0
7	☐	25000.000	27513.500	15479656.14	230.4319	A	4.7
8	☐	50000.000	54317.644	30667720.59	454.9002	A	4.6
9	☐	250000.00	248824.97	148262894.0	2,083.779	A	0.2

$$y = 0.0084 * x + 0.0232$$

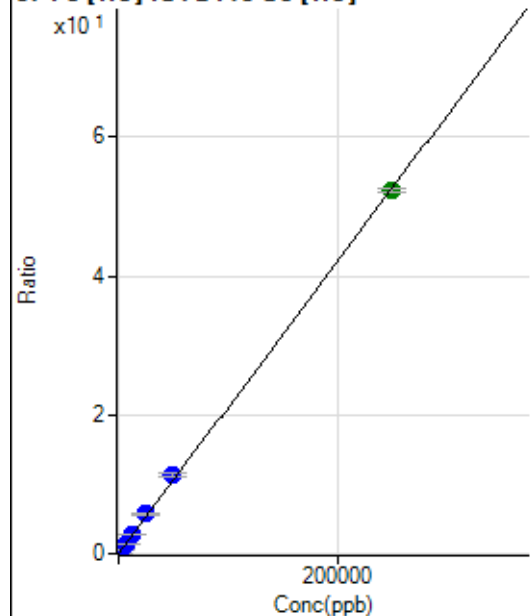
$$R = 0.9998$$

$$DL = 0.7891$$

$$BEC = 2.769$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.85	0.0007	P	16.3
2	☐	5.000					
3	☐	50.000	47.963	707.45	0.0108	P	3.9
4	☐	2500.000	2775.551	39384.04	0.5836	P	3.1
5	☐	6250.000	6785.679	97606.42	1.4256	P	1.0
6	☐	12500.000	13491.392	194249.50	2.8337	P	0.8
7	☐	25000.000	27505.458	388098.74	5.7764	P	4.1
8	☐	50000.000	54515.099	771775.80	11.4480	P	4.7
9	☐	250000.00	248780.71	3717045.25	52.2404	A	1.1

$$y = 2.0998E-004 * x + 7.4782E-004$$

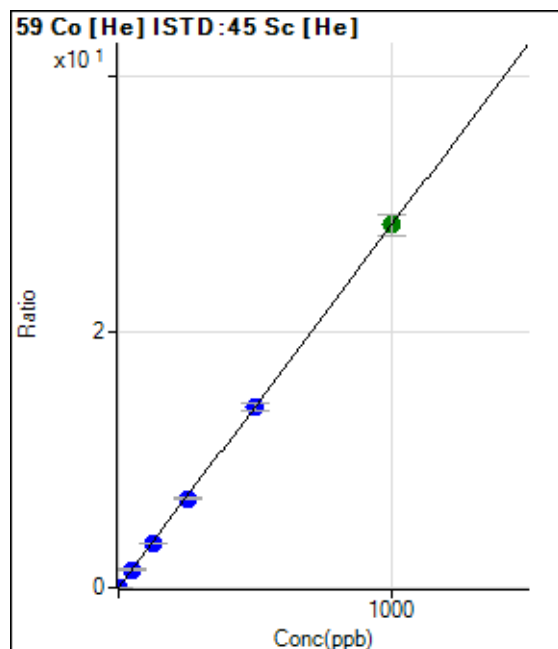
$$R = 0.9998$$

$$DL = 1.741$$

$$BEC = 3.561$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0012	P	43.2
2	☐	0.100					
3	☐	1.000	1.000	1937.95	0.0296	P	5.1
4	☐	50.000	50.259	96323.27	1.4275	P	3.9
5	☐	125.000	123.381	239812.75	3.5027	P	0.2
6	☐	250.000	246.233	479077.08	6.9890	P	1.1
7	☐	500.000	500.645	954587.13	14.2089	P	4.4
8	☐	1000.000	1000.809	1914352.23	28.4030	A	5.6
9	☐			22852.28	0.3212	P	1.8

$$y = 0.0284 * x + 0.0012$$

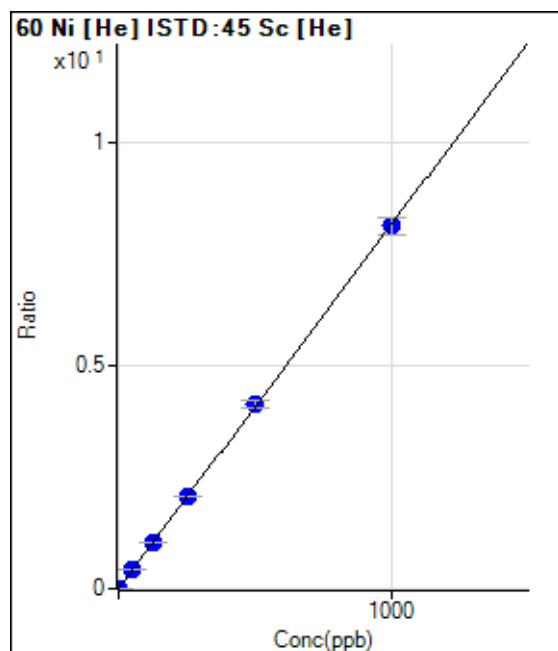
$$R = 1.0000$$

$$DL = 0.05713$$

$$BEC = 0.04403$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0008	P	9.3
2	☐	0.100					
3	☐	1.000	1.002	585.58	0.0090	P	5.6
4	☐	50.000	52.058	28747.67	0.4261	P	4.7
5	☐	125.000	126.722	70943.22	1.0362	P	0.6
6	☐	250.000	251.622	140987.84	2.0567	P	0.5
7	☐	500.000	506.922	278316.26	4.1427	P	4.3
8	☐	1000.000	995.815	548547.18	8.1372	P	4.9
9	☐			15869.24	0.2230	P	1.9

$$y = 0.0082 * x + 7.8519E-004$$

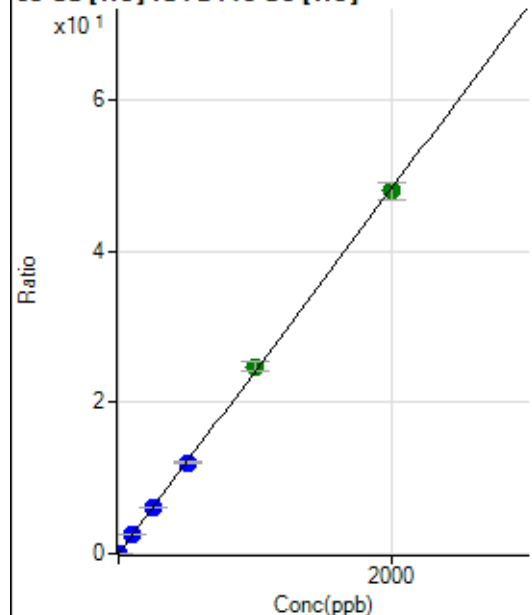
$$R = 1.0000$$

$$DL = 0.02679$$

$$BEC = 0.0961$$

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	448.90	0.0065	P	11.9
2	☐	0.200					
3	☐	2.000	1.971	3528.29	0.0540	P	2.1
4	☐	100.000	102.732	167528.51	2.4832	P	4.5
5	☐	250.000	250.908	414593.42	6.0555	P	0.1
6	☐	500.000	499.754	826322.29	12.0548	P	1.1
7	☐	1000.000	1024.979	1660265.12	24.7171	A	5.1
8	☐	2000.000	1987.322	3230032.63	47.9178	A	5.1
9	☐			6467.17	0.0909	P	0.2

$$y = 0.0241 * x + 0.0065$$

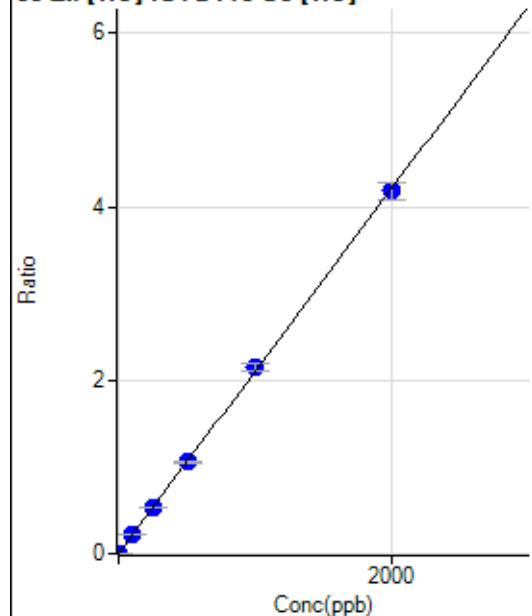
$$R = 0.9999$$

$$DL = 0.09564$$

$$BEC = 0.2685$$

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	136.67	0.0020	P	6.5
2	☐	0.200					
3	☐	2.000	1.718	365.57	0.0056	P	16.1
4	☐	100.000	105.679	15134.00	0.2243	P	4.3
5	☐	250.000	253.757	36688.60	0.5359	P	1.1
6	☐	500.000	501.526	72462.50	1.0572	P	1.9
7	☐	1000.000	1021.667	144551.71	2.1515	P	4.2
8	☐	2000.000	1988.031	282086.64	4.1847	P	5.0
9	☐			1864.60	0.0262	P	2.1

$$y = 0.0021 * x + 0.0020$$

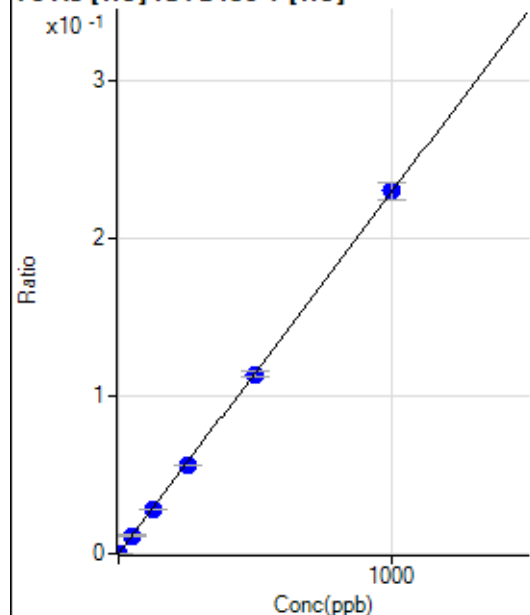
$$R = 0.9999$$

$$DL = 0.1835$$

$$BEC = 0.9369$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	39.7
2	☐	0.100					
3	☐	1.000	0.916	106.18	0.0002	P	15.9
4	☐	50.000	49.958	5065.79	0.0115	P	1.7
5	☐	125.000	121.015	12555.16	0.0277	P	1.1
6	☐	250.000	244.407	25029.50	0.0560	P	1.3
7	☐	500.000	496.887	50463.96	0.1138	P	3.9
8	☐	1000.000	1003.455	101007.44	0.2298	P	4.8
9	☐			150.00	0.0003	P	17.2

$$y = 2.2894\text{E-}004 * x + 3.6931\text{E-}005$$

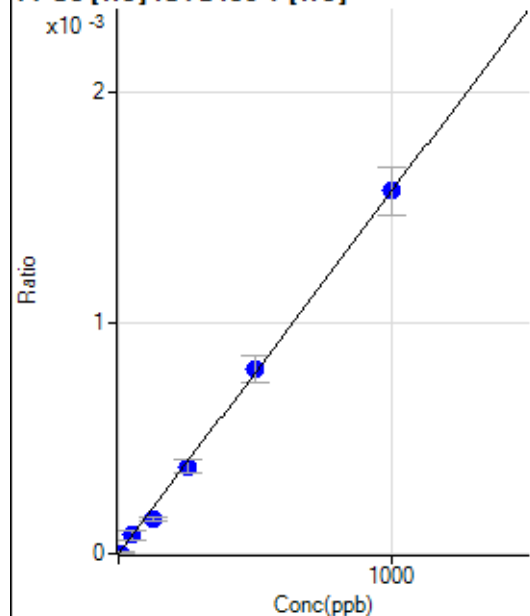
$$R = 1.0000$$

$$DL = 0.1923$$

$$BEC = 0.1613$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	1.626	1.11	0.0000	P	173.
4	☐	50.000	52.971	36.67	0.0001	P	50.3
5	☐	125.000	96.975	68.89	0.0002	P	11.9
6	☐	250.000	240.510	168.89	0.0004	P	15.1
7	☐	500.000	508.355	353.34	0.0008	P	14.4
8	☐	1000.000	1001.566	690.03	0.0016	P	13.5
9	☐			1.11	0.0000	P	173.

$$y = 1.5707\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

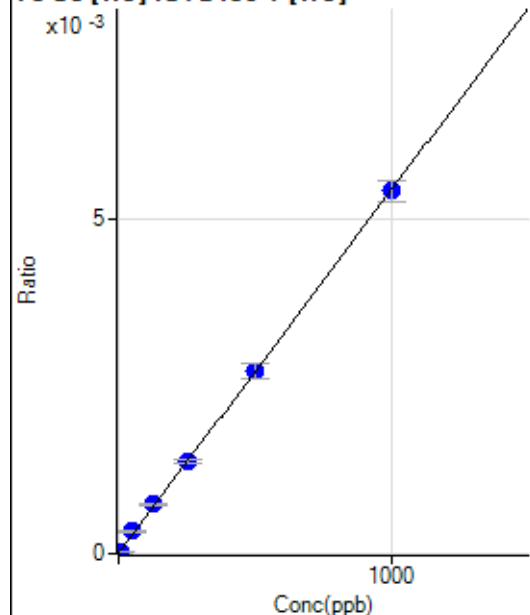
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	92.2
2	☐	0.500					
3	☐	5.000	2.703	9.26	0.0000	P	17.9
4	☐	50.000	61.306	149.39	0.0003	P	10.8
5	☐	125.000	133.707	330.87	0.0007	P	6.2
6	☐	250.000	253.563	617.31	0.0014	P	5.5
7	☐	500.000	501.012	1206.24	0.0027	P	8.8
8	☐	1000.000	996.961	2376.15	0.0054	P	5.9
9	☐			7.41	0.0000	P	43.1

$$y = 5.4166\text{E-}006 * x + 6.8605\text{E-}006$$

$$R = 0.9999$$

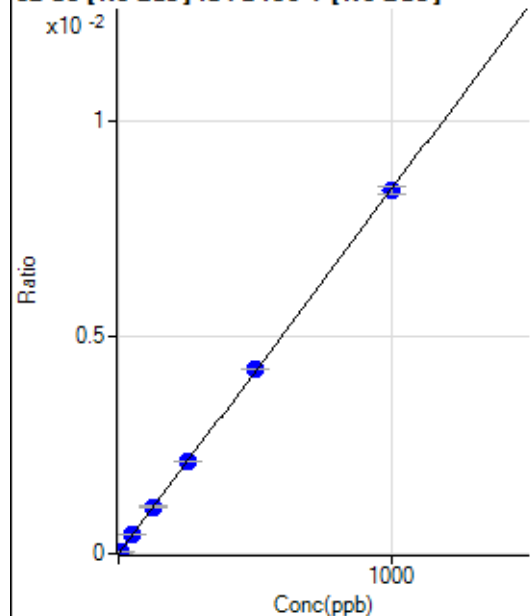
$$DL = 3.504$$

$$BEC = 1.267$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-36.26	0.0000	P	-88.
2	☐	0.500					
3	☐	5.000	4.936	470.85	0.0000	P	9.3
4	☐	50.000	53.561	5288.44	0.0004	P	3.1
5	☐	125.000	128.504	13213.22	0.0011	P	1.6
6	☐	250.000	253.411	26719.59	0.0021	P	0.8
7	☐	500.000	505.995	54050.72	0.0043	P	0.7
8	☐	1000.000	995.534	107187.45	0.0084	P	2.2
9	☐			70.45	0.0000	P	94.7

$$y = 8.4163\text{E-}006 * x - 3.0006\text{E-}006$$

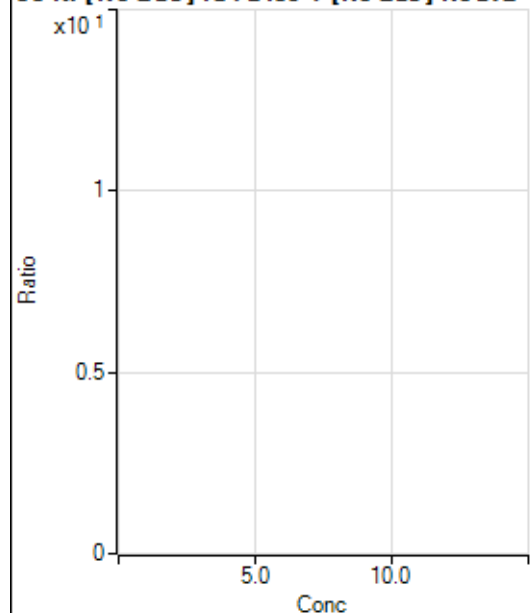
$$R = 1.0000$$

$$DL = 0.9513$$

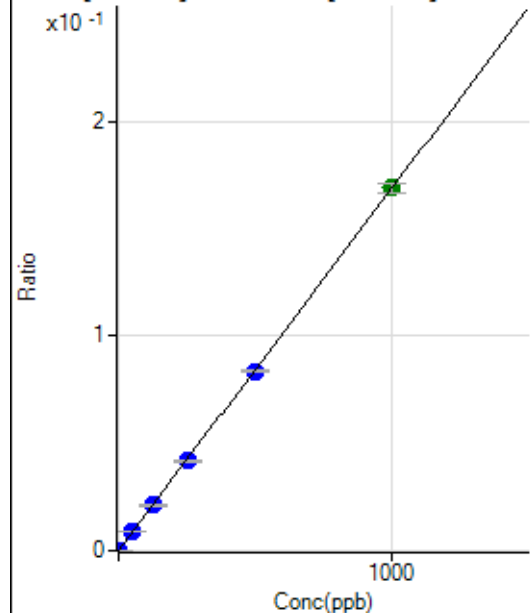
$$BEC = -0.3565$$

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	☐			336.68	0.0000	P	6.1
2	☐						
3	☐			352.23	0.0000	P	4.3
4	☐			318.90	0.0000	P	9.2
5	☐			351.12	0.0000	P	1.5
6	☐			366.68	0.0000	P	20.2
7	☐			394.46	0.0000	P	16.3
8	☐			328.90	0.0000	P	9.2
9	☐			371.12	0.0000	P	11.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	472.25	0.0000	P	3.1
2	☐	0.100					
3	☐	1.000	1.022	2583.70	0.0002	P	5.1
4	☐	50.000	51.078	102110.87	0.0086	P	0.9
5	☐	125.000	124.753	257957.65	0.0211	P	1.2
6	☐	250.000	247.663	523929.04	0.0418	P	1.2
7	☐	500.000	496.536	1062948.49	0.0837	P	0.8
8	☐	1000.000	1002.293	2161340.65	0.1689	A	2.5
9	☐			11060.50	0.0009	P	2.5

$$y = 1.6847E-004 * x + 3.9317E-005$$

$$R = 1.0000$$

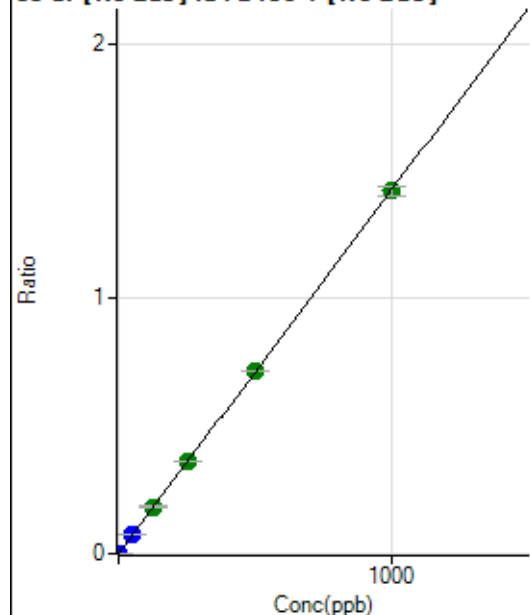
$$DL = 0.02147$$

$$BEC = 0.2334$$

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	91.67	0.0000	P	23.2
2	☐	0.100					
3	☐	1.000	0.988	17308.90	0.0014	P	2.1
4	☐	50.000	52.136	878102.49	0.0743	P	1.7
5	☐	125.000	128.900	2251731.69	0.1838	A	1.1
6	☐	250.000	252.607	4518714.34	0.3602	A	0.9
7	☐	500.000	501.894	9089497.60	0.7156	A	0.5
8	☐	1000.000	997.807	18206337.21	1.4227	A	2.7
9	☐			91081.50	0.0073	P	1.3

$$y = 0.0014 * x + 7.6202E-006$$

$$R = 1.0000$$

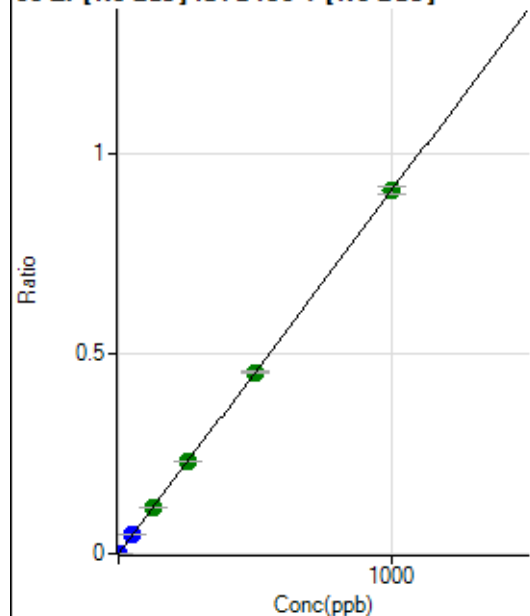
$$DL = 0.003714$$

$$BEC = 0.005344$$

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	1041.76	0.0001	P	6.4
2	☐	0.100					
3	☐	1.000	0.929	11366.38	0.0009	P	4.3
4	☐	50.000	50.929	546869.16	0.0463	P	2.0
5	☐	125.000	126.358	1405976.25	0.1148	A	0.3
6	☐	250.000	253.451	2886604.73	0.2301	A	0.8
7	☐	500.000	498.809	5750303.21	0.4528	A	1.3
8	☐	1000.000	999.517	11609268.84	0.9071	A	2.1
9	☐			4689.91	0.0004	P	6.6

$$y = 9.0750E-004 * x + 8.6736E-005$$

$$R = 1.0000$$

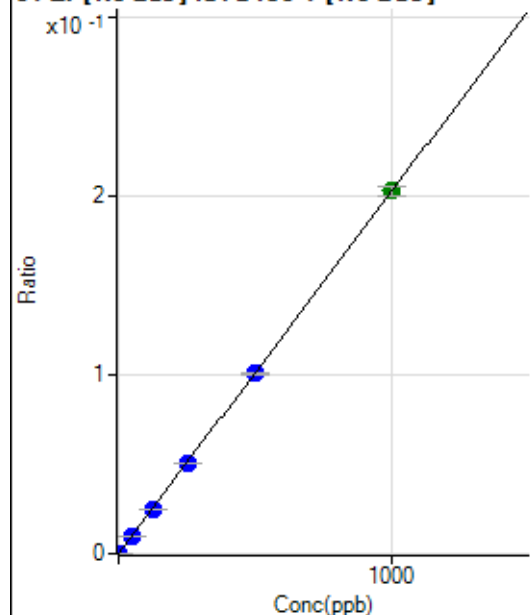
$$DL = 0.01829$$

$$BEC = 0.09558$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.46	0.0000	P	22.3
2	☐	0.100					
3	☐	1.000	0.925	2467.01	0.0002	P	2.4
4	☐	50.000	50.092	120171.54	0.0102	P	1.0
5	☐	125.000	123.918	308115.05	0.0251	P	0.6
6	☐	250.000	249.634	635378.40	0.0506	P	0.8
7	☐	500.000	496.880	1280204.86	0.1008	P	1.1
8	☐	1000.000	1001.782	2600274.32	0.2032	A	2.9
9	☐			1100.10	0.0001	P	2.0

$$y = 2.0283\text{E-}004 * x + 1.4083\text{E-}005$$

$$R = 1.0000$$

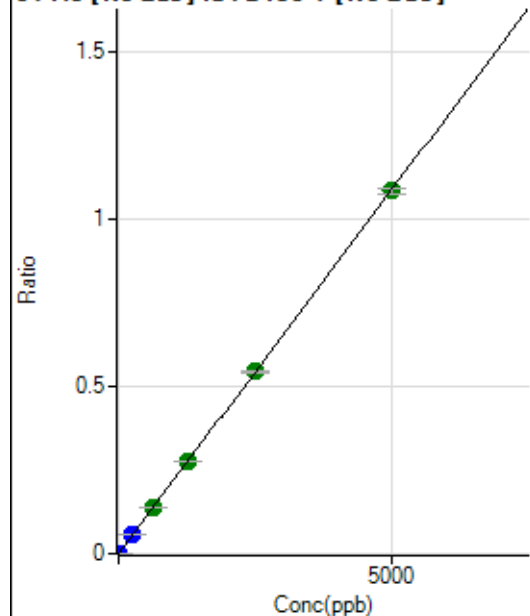
$$DL = 0.04654$$

$$BEC = 0.06943$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	838.95	0.0001	P	3.5
2	☐	0.500					
3	☐	5.000	4.788	13557.26	0.0011	P	5.1
4	☐	250.000	258.135	662774.78	0.0561	P	1.9
5	☐	625.000	636.433	1693854.31	0.1383	A	0.9
6	☐	1250.000	1272.646	3467512.45	0.2764	A	0.5
7	☐	2500.000	2507.404	6915679.23	0.5445	A	0.9
8	☐	5000.000	4988.801	13863865.41	1.0833	A	1.8
9	☐			18087.71	0.0015	P	3.9

$$y = 2.1713\text{E-}004 * x + 6.9824\text{E-}005$$

$$R = 1.0000$$

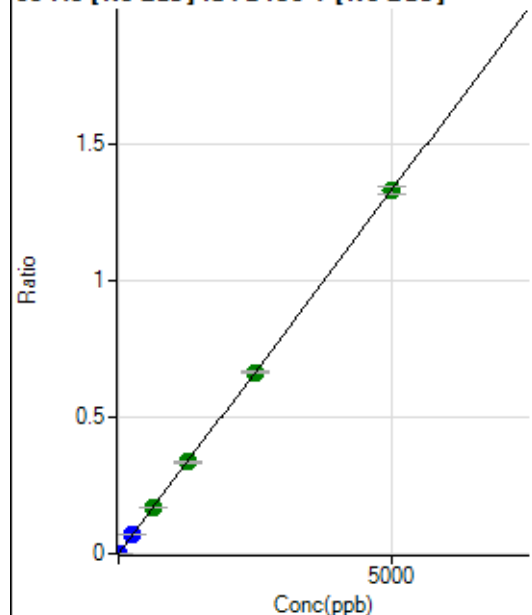
$$DL = 0.03381$$

$$BEC = 0.3216$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	675.05	0.0001	P	9.6
2	☐	0.500					
3	☐	5.000	4.693	15965.56	0.0013	P	1.4
4	☐	250.000	258.315	813129.82	0.0688	P	1.7
5	☐	625.000	641.550	2093766.63	0.1709	A	0.9
6	☐	1250.000	1262.666	4219041.50	0.3363	A	1.6
7	☐	2500.000	2498.606	8451938.30	0.6654	A	0.8
8	☐	5000.000	4995.047	17024037.71	1.3303	A	2.2
9	☐			28394.74	0.0023	P	2.3

$$y = 2.6631\text{E-}004 * x + 5.6171\text{E-}005$$

$$R = 1.0000$$

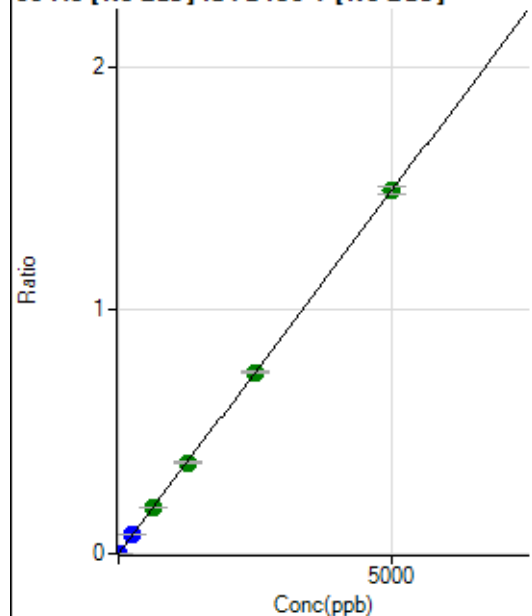
$$DL = 0.06079$$

$$BEC = 0.2109$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	805.62	0.0001	P	10.2
2	☐	0.500					
3	☐	5.000	4.600	17576.07	0.0014	P	0.9
4	☐	250.000	254.556	896535.27	0.0759	P	1.6
5	☐	625.000	641.139	2340967.00	0.1911	A	1.0
6	☐	1250.000	1253.029	4684229.23	0.3734	A	1.1
7	☐	2500.000	2493.892	9437802.81	0.7431	A	1.0
8	☐	5000.000	5000.052	19065204.24	1.4898	A	2.1
9	☐			32539.88	0.0026	P	3.2

$$y = 2.9793\text{E-}004 * x + 6.7094\text{E-}005$$

$$R = 1.0000$$

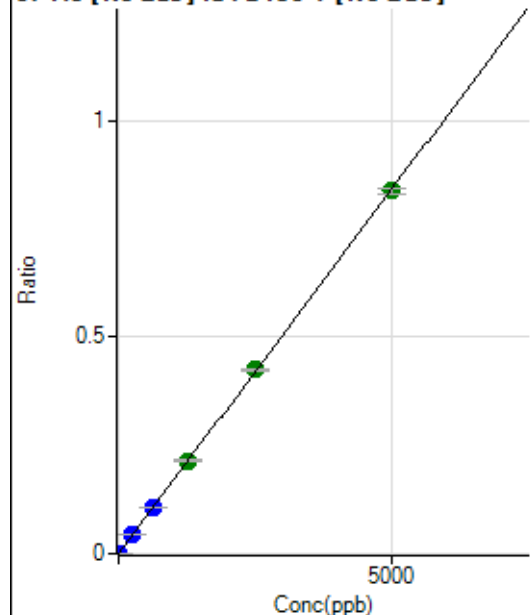
$$DL = 0.06874$$

$$BEC = 0.2252$$

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	469.48	0.0000	P	23.3
2	☐	0.500					
3	☐	5.000	4.569	9862.40	0.0008	P	4.2
4	☐	250.000	253.792	504277.79	0.0427	P	1.2
5	☐	625.000	624.175	1285721.96	0.1049	P	0.6
6	☐	1250.000	1277.140	2693398.69	0.2147	A	0.5
7	☐	2500.000	2523.280	5387068.65	0.4241	A	0.9
8	☐	5000.000	4981.489	10716001.80	0.8373	A	1.6
9	☐			17620.51	0.0014	P	4.7

$$y = 1.6807\text{E-}004 * x + 3.9020\text{E-}005$$

$$R = 1.0000$$

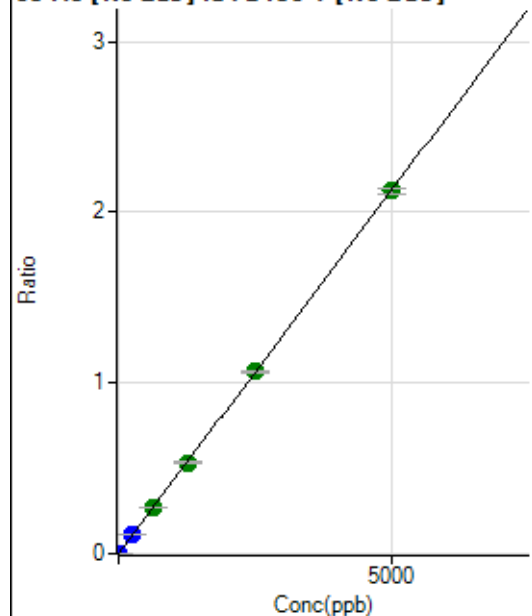
$$DL = 0.1623$$

$$BEC = 0.2322$$

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	936.19	0.0001	P	1.6
2	☐	0.500					
3	☐	5.000	4.602	24893.24	0.0020	P	2.9
4	☐	250.000	257.423	1295047.74	0.1097	P	2.0
5	☐	625.000	635.205	3313612.94	0.2705	A	0.1
6	☐	1250.000	1251.254	6682732.31	0.5327	A	1.3
7	☐	2500.000	2511.601	13579512.98	1.0692	A	1.0
8	☐	5000.000	4992.239	27197644.01	2.1251	A	1.7
9	☐			45374.41	0.0036	P	3.4

$$y = 4.2567\text{E-}004 * x + 7.7932\text{E-}005$$

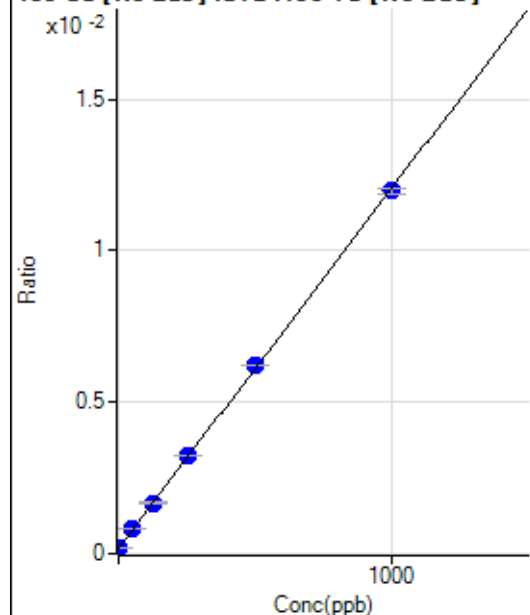
$$R = 1.0000$$

$$DL = 0.009019$$

$$BEC = 0.1831$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2339.21	0.0002	P	3.0
2	☐	0.100					
3	☐	1.000	1.097	2580.94	0.0002	P	9.3
4	☐	50.000	54.735	11116.16	0.0008	P	1.6
5	☐	125.000	126.023	23702.29	0.0017	P	1.9
6	☐	250.000	257.342	46930.09	0.0032	P	1.1
7	☐	500.000	508.035	92589.69	0.0062	P	0.3
8	☐	1000.000	993.782	182626.22	0.0120	P	1.7
9	☐			2528.13	0.0002	P	10.4

$$y = 1.1870\text{E-}005 * x + 1.7617\text{E-}004$$

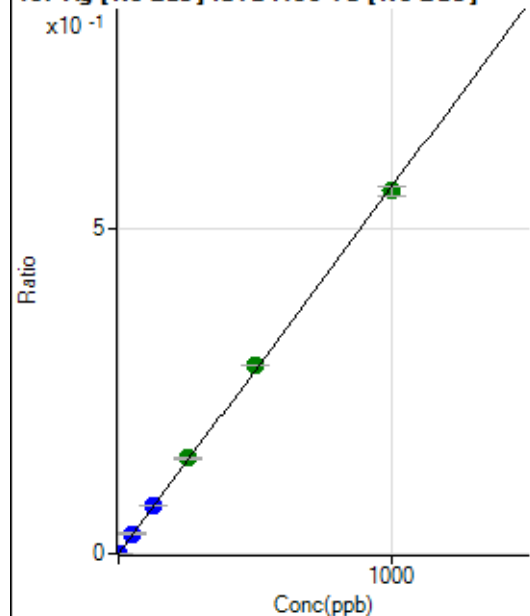
$$R = 0.9999$$

$$DL = 1.346$$

$$BEC = 14.84$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	23.6
2	☐	0.100					
3	☐	1.000	1.048	8175.06	0.0006	P	2.0
4	☐	50.000	54.748	415465.31	0.0309	P	1.8
5	☐	125.000	131.050	1047294.37	0.0739	P	0.7
6	☐	250.000	261.450	2140412.16	0.1474	A	2.3
7	☐	500.000	513.805	4320695.80	0.2896	A	0.9
8	☐	1000.000	989.241	8505123.72	0.5576	A	2.7
9	☐			1586.28	0.0001	P	31.6

$$y = 5.6368\text{E-}004 * x + 7.9432\text{E-}006$$

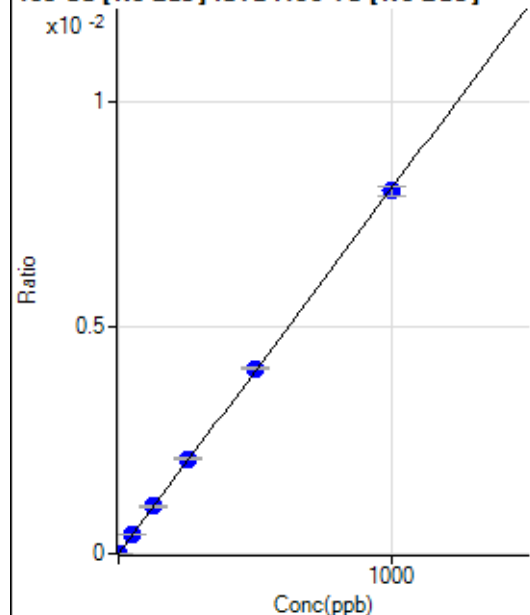
$$R = 0.9998$$

$$DL = 0.009963$$

$$BEC = 0.01409$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.83	0.0000	P	19.5
2	☐	0.100					
3	☐	1.000	0.841	113.89	0.0000	P	28.9
4	☐	50.000	53.787	5869.47	0.0004	P	4.8
5	☐	125.000	129.804	14886.27	0.0011	P	1.5
6	☐	250.000	258.289	30327.40	0.0021	P	2.0
7	☐	500.000	507.050	61128.37	0.0041	P	0.9
8	☐	1000.000	993.613	122452.39	0.0080	P	2.3
9	☐			54.17	0.0000	P	7.4

$$y = 8.0779\text{E-}006 * x + 1.5679\text{E-}006$$

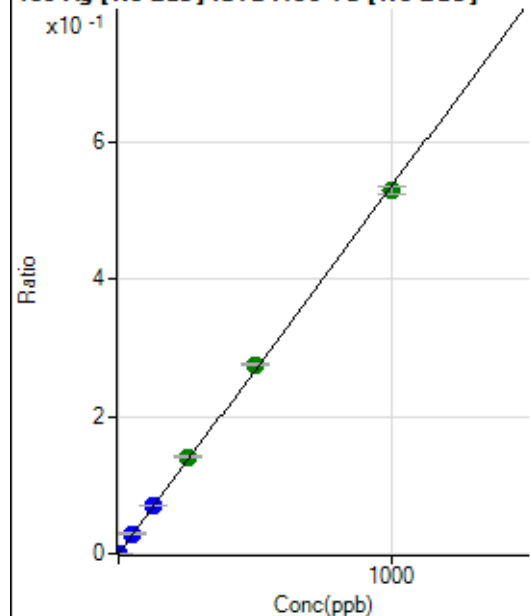
$$R = 0.9999$$

$$DL = 0.1134$$

$$BEC = 0.1941$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	0.5
2	☐	0.100					
3	☐	1.000	1.015	7460.77	0.0005	P	2.0
4	☐	50.000	54.972	396456.75	0.0295	P	0.9
5	☐	125.000	132.085	1003209.61	0.0708	P	0.5
6	☐	250.000	263.618	2051263.72	0.1412	A	1.7
7	☐	500.000	515.208	4117736.38	0.2760	A	1.3
8	☐	1000.000	987.858	8072861.12	0.5293	A	2.2
9	☐			1489.05	0.0001	P	16.4

$$y = 5.3575\text{E-}004 * x + 2.5101\text{E-}006$$

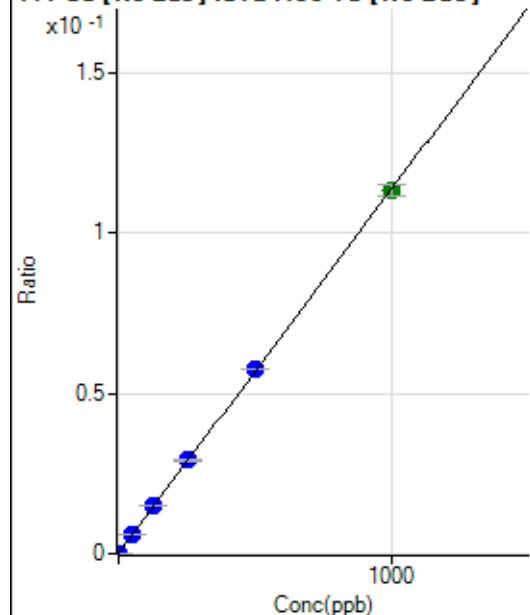
$$R = 0.9997$$

$$DL = 7.398\text{E-}05$$

$$BEC = 0.004685$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1638.13	0.0001	P	2.7
2	☐	0.100					
3	☐	1.000	1.048	3309.01	0.0002	P	4.8
4	☐	50.000	53.640	83696.36	0.0062	P	1.7
5	☐	125.000	128.895	209375.07	0.0148	P	0.5
6	☐	250.000	255.974	424252.39	0.0292	P	1.3
7	☐	500.000	505.035	857955.49	0.0575	P	0.4
8	☐	1000.000	995.320	1726852.64	0.1132	A	3.1
9	☐			2209.58	0.0002	P	12.0

$$y = 1.1363\text{E-}004 * x + 1.2337\text{E-}004$$

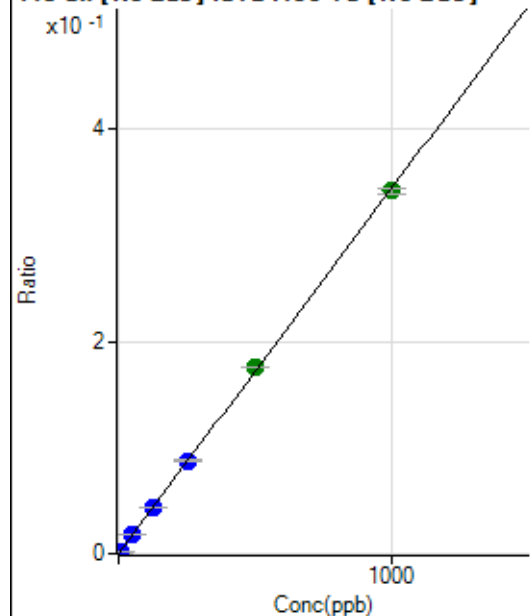
$$R = 1.0000$$

$$DL = 0.08926$$

$$BEC = 1.086$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD:159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	522.26	0.0000	P	7.7
2	☐	0.500					
3	☐	5.000	5.180	24874.06	0.0018	P	4.4
4	☐	50.000	52.258	242584.63	0.0180	P	1.1
5	☐	125.000	128.116	625543.99	0.0441	P	0.7
6	☐	250.000	255.083	1275578.66	0.0878	P	0.7
7	☐	500.000	509.275	2615114.97	0.1753	A	0.4
8	☐	1000.000	993.589	5216275.25	0.3420	A	1.8
9	☐			14233.23	0.0010	P	3.0

$$y = 3.4412\text{E-}004 * x + 3.9327\text{E-}005$$

$$R = 0.9999$$

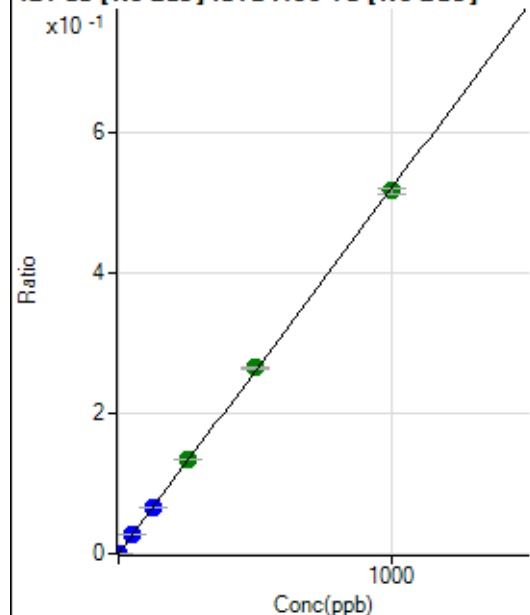
$$DL = 0.02642$$

$$BEC = 0.1143$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.68	0.0000	P	25.3
2	☐	0.200					
3	☐	2.000	1.901	13757.65	0.0010	P	5.4
4	☐	50.000	51.707	362623.69	0.0269	P	2.3
5	☐	125.000	128.247	946875.53	0.0668	P	0.6
6	☐	250.000	258.422	1954809.14	0.1346	A	0.3
7	☐	500.000	508.581	3950722.05	0.2648	A	0.8
8	☐	1000.000	993.113	7888039.67	0.5171	A	1.9
9	☐			23424.53	0.0016	P	5.4

$$y = 5.2068\text{E-}004 * x + 1.8215\text{E-}005$$

$$R = 0.9999$$

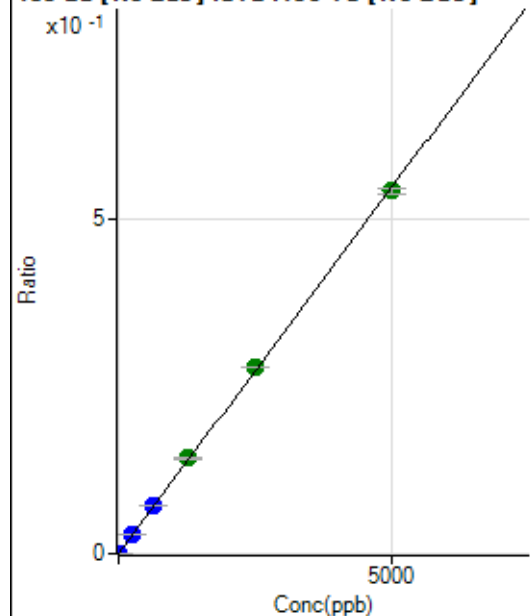
$$DL = 0.02658$$

$$BEC = 0.03498$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	35.1
2	☐	1.000					
3	☐	10.000	9.783	14672.63	0.0011	P	2.4
4	☐	250.000	263.260	388129.05	0.0288	P	2.3
5	☐	625.000	646.236	1003480.99	0.0708	P	0.1
6	☐	1250.000	1304.111	2074753.02	0.1428	A	1.1
7	☐	2500.000	2551.501	4169233.95	0.2795	A	0.8
8	☐	5000.000	4957.405	8283205.74	0.5430	A	1.5
9	☐			1847.45	0.0001	P	9.4

$$y = 1.0953\text{E-}004 * x + 3.1406\text{E-}006$$

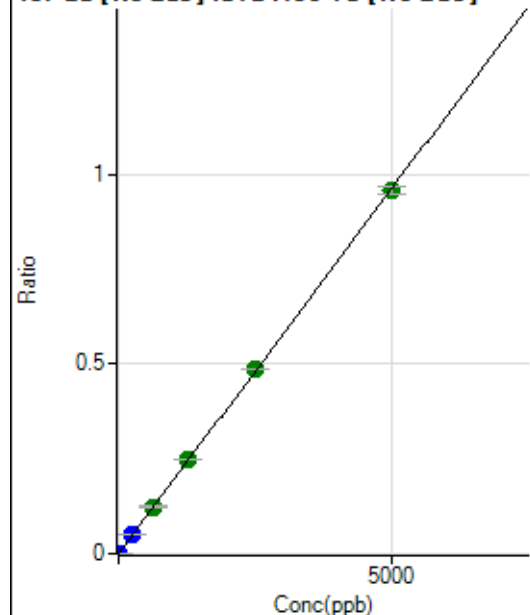
$$R = 0.9999$$

$$DL = 0.03017$$

$$BEC = 0.02867$$

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	72.23	0.0000	P	44.1
2	☐	1.000					
3	☐	10.000	9.725	25581.30	0.0019	P	3.2
4	☐	250.000	264.301	683533.48	0.0508	P	1.9
5	☐	625.000	644.727	1756045.81	0.1239	A	1.3
6	☐	1250.000	1288.159	3594692.87	0.2475	A	1.3
7	☐	2500.000	2528.092	7246268.39	0.4857	A	0.4
8	☐	5000.000	4973.234	14574907.27	0.9555	A	2.1
9	☐			3347.80	0.0002	P	6.6

$$y = 1.9213E-004 * x + 5.4460E-006$$

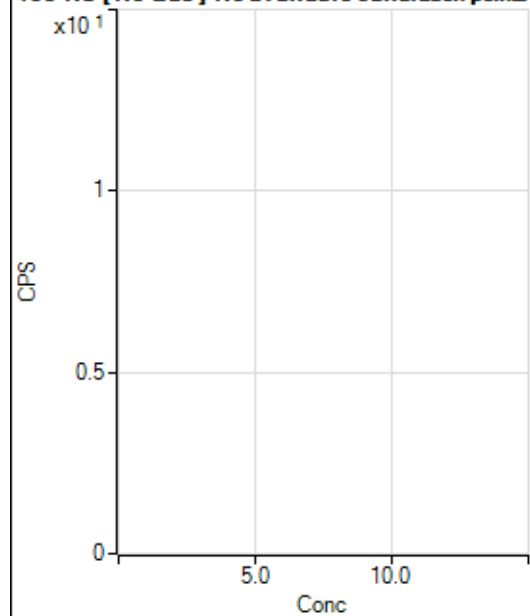
$$R = 0.9999$$

$$DL = 0.03752$$

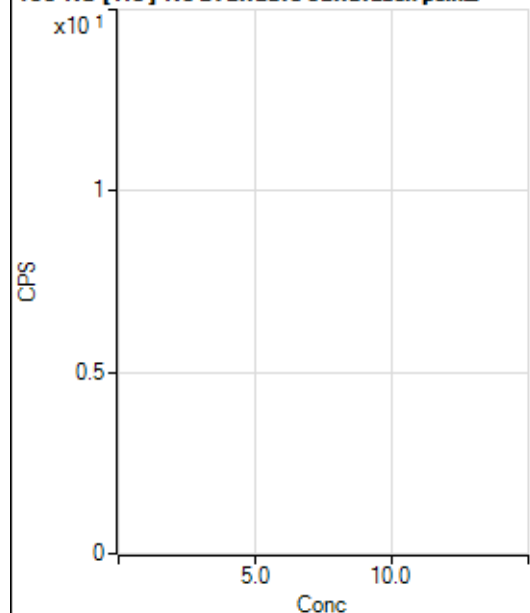
$$BEC = 0.02835$$

Weight: <None>

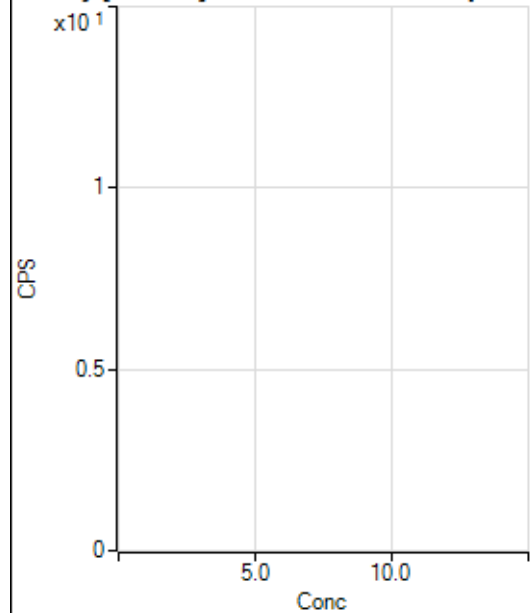
Min Conc: 0

150 Nd [No Gas] No available calibration points

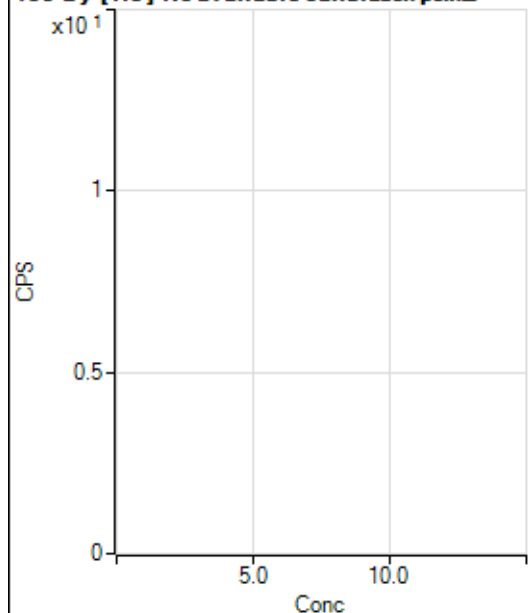
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			17.78		P	21.7
4	☐			22.22		P	45.8
5	☐			37.78		P	27.0
6	☐			97.78		P	23.9
7	☐			195.57		P	9.8
8	☐			344.46		P	21.2
9	☐			115.56		P	33.8

150 Nd [He] No available calibration points

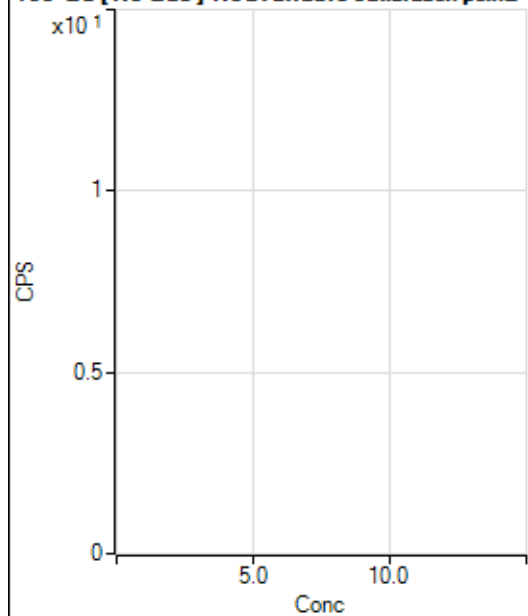
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			5.56		P	34.7
6	☐			0.00		P	
7	☐			6.67		P	50.0
8	☐			21.11		P	9.1
9	☐			16.67		P	34.6

156 Dy [No Gas] No available calibration points

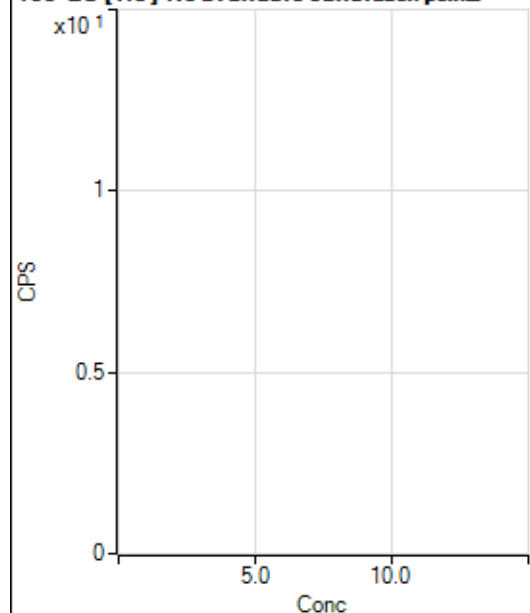
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			13.89		P	69.3
4	☐			11.11		P	86.6
5	☐			22.22		P	78.1
6	☐			52.78		P	74.6
7	☐			69.45		P	48.5
8	☐			166.68		P	32.8
9	☐			113.89		P	22.4

156 Dy [He] No available calibration points

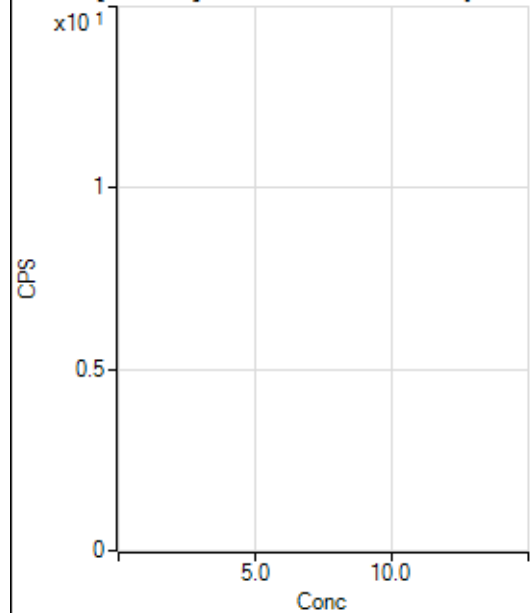
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	100.
5	☐			4.44		P	43.4
6	☐			6.67		P	50.0
7	☐			17.78		P	28.6
8	☐			21.11		P	32.9
9	☐			20.00		P	60.1

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

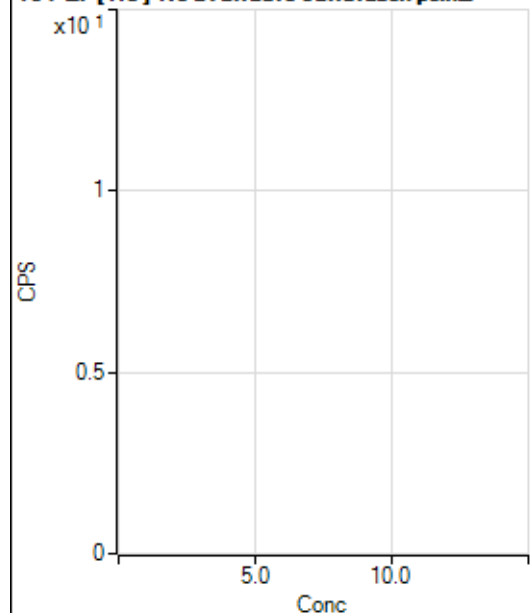
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.01		P	29.4
2	☐						
3	☐			83.34		P	55.7
4	☐			127.78		P	53.1
5	☐			102.78		P	36.6
6	☐			116.68		P	46.8
7	☐			94.45		P	48.6
8	☐			136.12		P	21.5
9	☐			113.89		P	29.6

160 Gd [He] No available calibration points

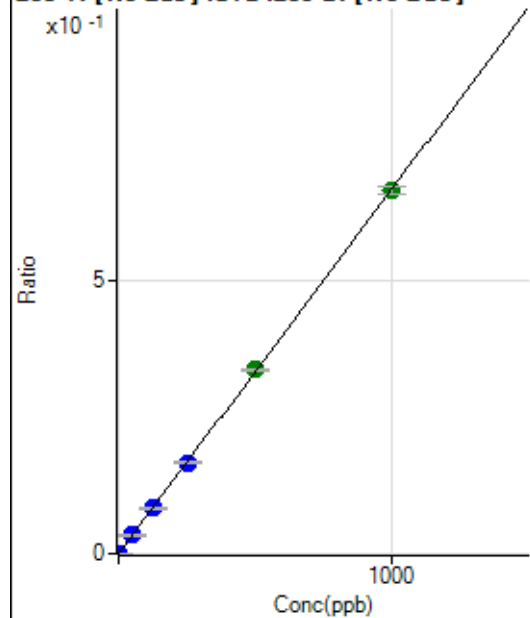
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	62.5
2	☐						
3	☐			13.33		P	NaN
4	☐			18.89		P	44.4
5	☐			13.33		P	66.1
6	☐			12.22		P	41.7
7	☐			17.78		P	92.5
8	☐			26.67		P	33.1
9	☐			34.44		P	5.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	49.5
2	☐						
3	☐			22.22		P	21.6
4	☐			50.00		P	44.1
5	☐			27.78		P	45.8
6	☐			58.34		P	49.5
7	☐			52.78		P	50.8
8	☐			108.34		P	15.4
9	☐			86.12		P	34.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐						
3	☐			5.56		P	34.7
4	☐			6.66		P	86.6
5	☐			17.78		P	39.0
6	☐			10.00		P	66.7
7	☐			20.00		P	44.1
8	☐			16.67		P	40.0
9	☐			15.55		P	24.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	258.35	0.0000	P	34.8
2	☐	0.100					
3	☐	1.000	0.932	5532.05	0.0007	P	4.2
4	☐	50.000	50.537	278020.88	0.0338	P	2.5
5	☐	125.000	125.028	721601.41	0.0836	P	1.8
6	☐	250.000	250.568	1477369.57	0.1674	P	1.1
7	☐	500.000	506.421	3094218.62	0.3383	A	0.8
8	☐	1000.000	996.617	6096195.23	0.6658	A	2.0
9	☐			3675.72	0.0004	P	9.0

$$y = 6.6804\text{E-}004 * x + 3.1422\text{E-}005$$

$$R = 1.0000$$

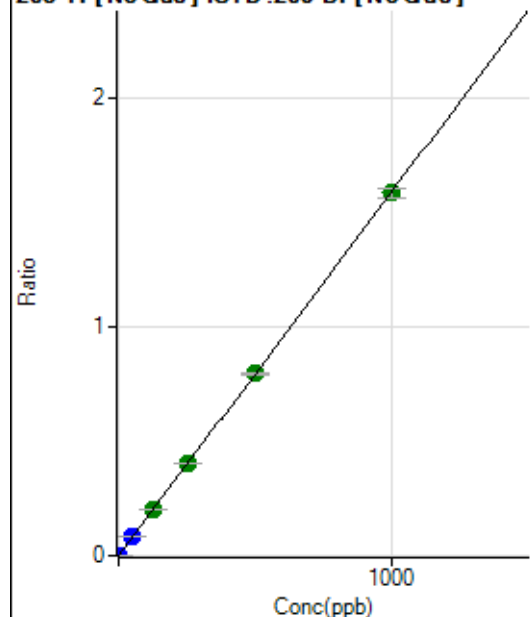
$$DL = 0.04911$$

$$BEC = 0.04704$$

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	577.82	0.0001	P	14.8
2	☐	0.100					
3	☐	1.000	0.940	13207.44	0.0016	P	3.6
4	☐	50.000	51.330	670102.09	0.0814	P	2.5
5	☐	125.000	128.005	1753200.76	0.2030	A	1.0
6	☐	250.000	255.332	3572770.96	0.4049	A	0.8
7	☐	500.000	500.369	7254801.20	0.7933	A	1.7
8	☐	1000.000	998.040	14487478.45	1.5823	A	2.3
9	☐			8450.47	0.0010	P	8.3

$$y = 0.0016 * x + 7.0131E-005$$

$$R = 1.0000$$

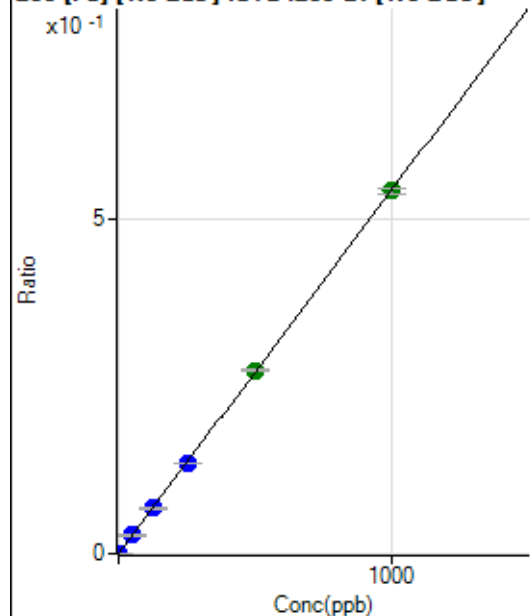
$$DL = 0.01961$$

$$BEC = 0.04424$$

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	392.61	0.0000	P	4.3
2	☐	0.100					
3	☐	1.000	0.977	4880.72	0.0006	P	2.9
4	☐	50.000	50.307	224620.18	0.0273	P	2.4
5	☐	125.000	124.846	584540.00	0.0677	P	1.5
6	☐	250.000	250.593	1198451.81	0.1358	P	0.4
7	☐	500.000	503.348	2494114.32	0.2727	A	1.2
8	☐	1000.000	998.182	4951772.85	0.5408	A	1.9
9	☐			29252.74	0.0035	P	2.8

$$y = 5.4175E-004 * x + 4.7673E-005$$

$$R = 1.0000$$

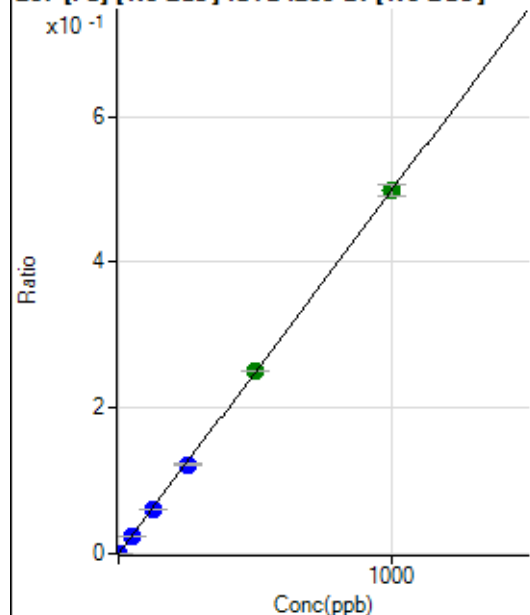
$$DL = 0.0114$$

$$BEC = 0.088$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	324.09	0.0000	P	11.8
2	☐	0.100					
3	☐	1.000	0.893	4097.10	0.0005	P	4.8
4	☐	50.000	49.646	203657.28	0.0248	P	2.4
5	☐	125.000	122.436	526725.90	0.0610	P	0.5
6	☐	250.000	245.713	1079767.30	0.1224	P	0.8
7	☐	500.000	503.389	2292186.33	0.2506	A	0.5
8	☐	1000.000	999.716	4556405.54	0.4977	A	3.0
9	☐			24555.67	0.0029	P	1.8

$$y = 4.9780\text{E-}004 * x + 3.9354\text{E-}005$$

$$R = 1.0000$$

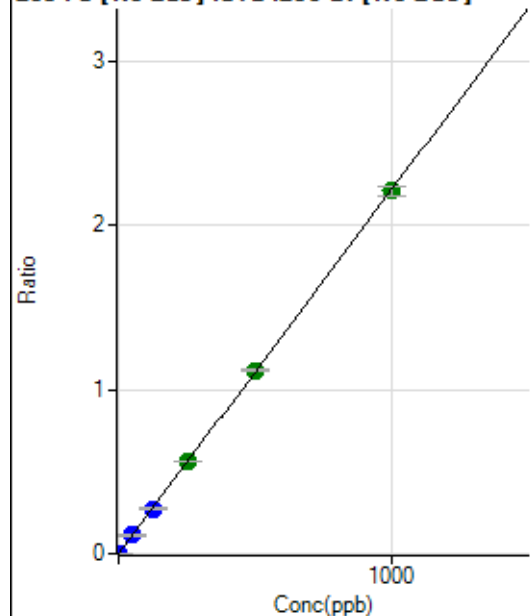
$$DL = 0.02791$$

$$BEC = 0.07905$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1598.24	0.0002	P	3.5
2	☐	0.100					
3	☐	1.000	0.925	18982.03	0.0022	P	1.6
4	☐	50.000	50.274	917351.10	0.1115	P	1.9
5	☐	125.000	123.873	2370018.92	0.2744	P	1.0
6	☐	250.000	253.008	4944686.03	0.5603	A	0.3
7	☐	500.000	504.100	10207773.00	1.1162	A	0.6
8	☐	1000.000	997.325	20216128.29	2.2081	A	2.6
9	☐			114340.19	0.0137	P	1.3

$$y = 0.0022 * x + 1.9413\text{E-}004$$

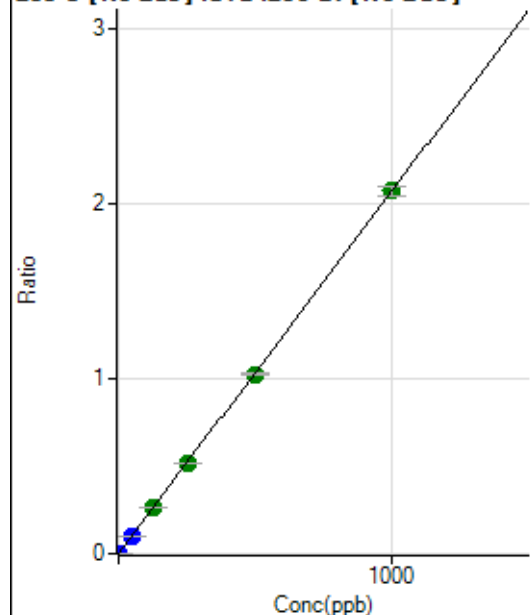
$$R = 1.0000$$

$$DL = 0.009103$$

$$BEC = 0.08769$$

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	175.01	0.0000	P	12.5
2	☐	0.100					
3	☐	1.000	0.926	16417.08	0.0019	P	1.3
4	☐	50.000	49.592	845502.68	0.1028	P	2.4
5	☐	125.000	126.004	2254574.55	0.2611	A	1.2
6	☐	250.000	251.451	4597410.30	0.5210	A	0.3
7	☐	500.000	495.613	9389957.94	1.0268	A	0.9
8	☐	1000.000	1001.726	19000659.11	2.0753	A	2.4
9	☐			3061.66	0.0004	P	20.8

$$y = 0.0021 * x + 2.1253E-005$$

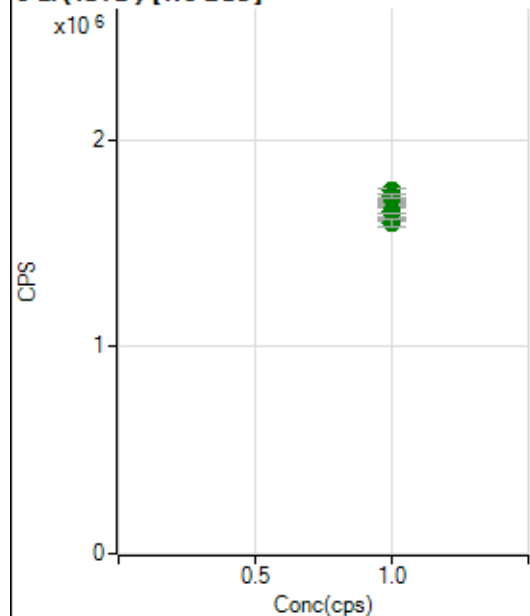
$$R = 1.0000$$

$$DL = 0.00384$$

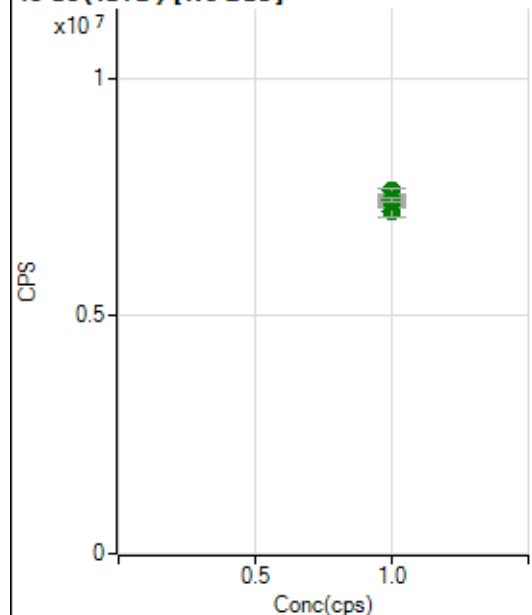
$$BEC = 0.01026$$

Weight: <None>

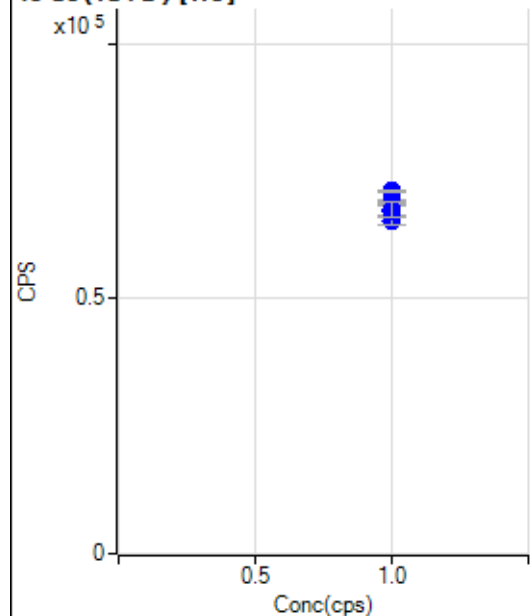
Min Conc: 0

6 Li (ISTD) [No Gas]

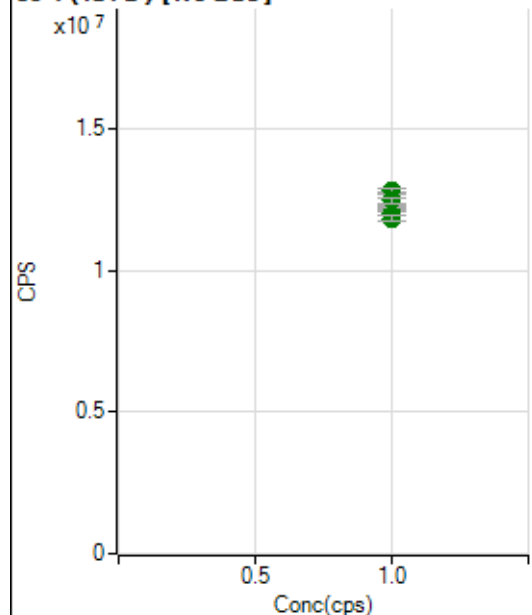
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1614275.33		A	1.4
2	☐	1.000					
3	☐	1.000		1656544.87		A	1.8
4	☐	1.000		1598074.16		A	2.4
5	☐	1.000		1688006.43		A	1.1
6	☐	1.000		1704700.50		A	1.4
7	☐	1.000		1715250.27		A	0.8
8	☐	1.000		1752235.23		A	1.4
9	☐	1.000		1729382.04		A	0.8

45 Sc (ISTD) [No Gas]

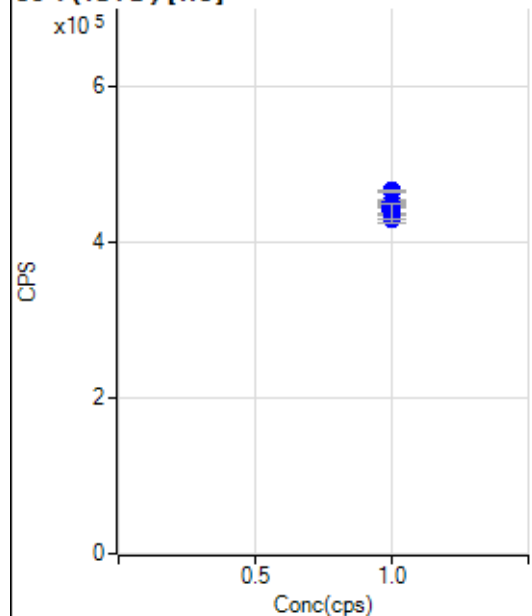
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7305114.14		A	0.7
2	☐	1.000					
3	☐	1.000		7421628.46		A	1.8
4	☐	1.000		7182921.86		A	3.0
5	☐	1.000		7381639.66		A	0.4
6	☐	1.000		7478669.79		A	1.1
7	☐	1.000		7507559.55		A	0.5
8	☐	1.000		7627906.25		A	1.6
9	☐	1.000		7457624.47		A	1.1

45 Sc (ISTD) [He]

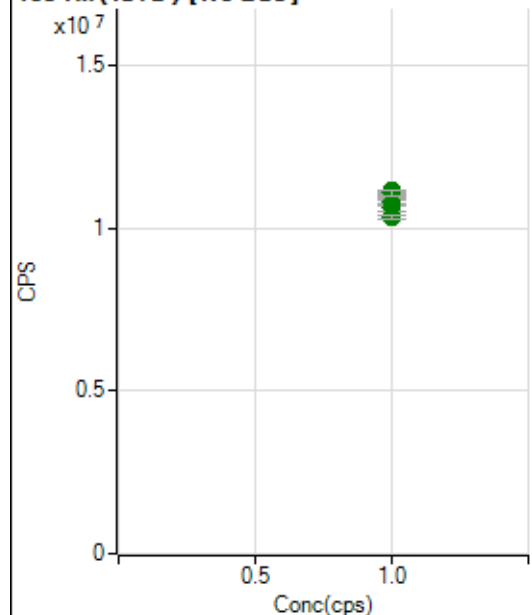
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		69335.60		P	0.2
2	☐	1.000					
3	☐	1.000		65352.34		P	2.9
4	☐	1.000		67536.13		P	3.5
5	☐	1.000		68465.86		P	0.0
6	☐	1.000		68551.84		P	0.9
7	☐	1.000		67255.11		P	3.7
8	☐	1.000		67505.55		P	4.3
9	☐	1.000		71151.15		P	0.3

89 Y (ISTD) [No Gas]

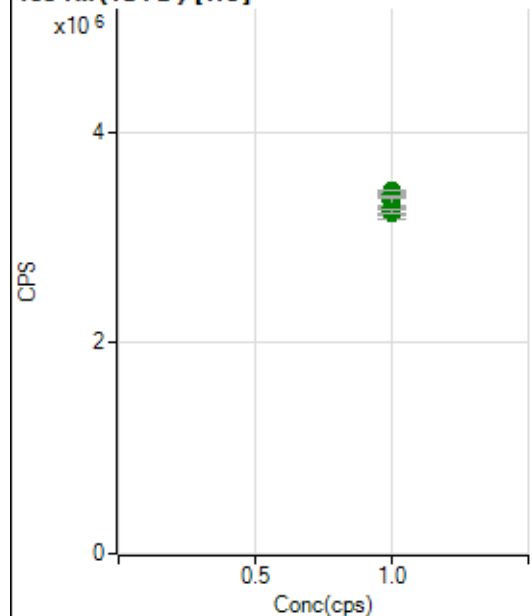
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12014053.85		A	1.0
2	☐	1.000					
3	☐	1.000		12225671.35		A	1.4
4	☐	1.000		11812868.99		A	1.6
5	☐	1.000		12251750.37		A	1.0
6	☐	1.000		12545487.31		A	0.3
7	☐	1.000		12701475.64		A	0.7
8	☐	1.000		12800886.48		A	1.8
9	☐	1.000		12450409.12		A	1.1

89 Y (ISTD) [He]

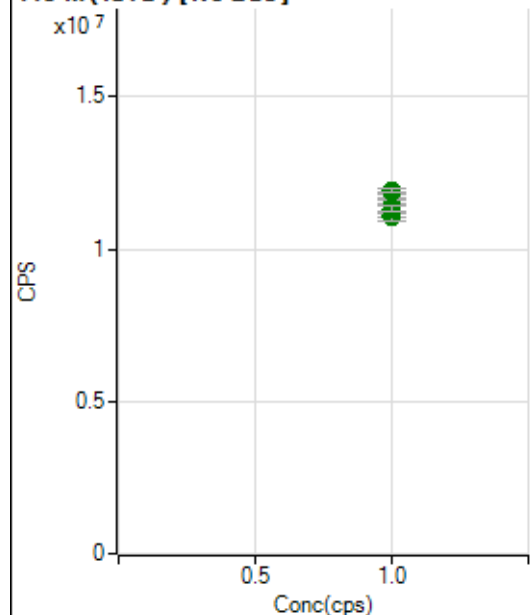
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		450545.94		P	1.1
2	☐	1.000					
3	☐	1.000		429538.09		P	2.5
4	☐	1.000		441618.59		P	2.7
5	☐	1.000		452584.97		P	0.8
6	☐	1.000		447042.79		P	1.2
7	☐	1.000		443836.06		P	3.2
8	☐	1.000		440237.68		P	4.5
9	☐	1.000		466399.10		P	0.7

103 Rh (ISTD) [No Gas]

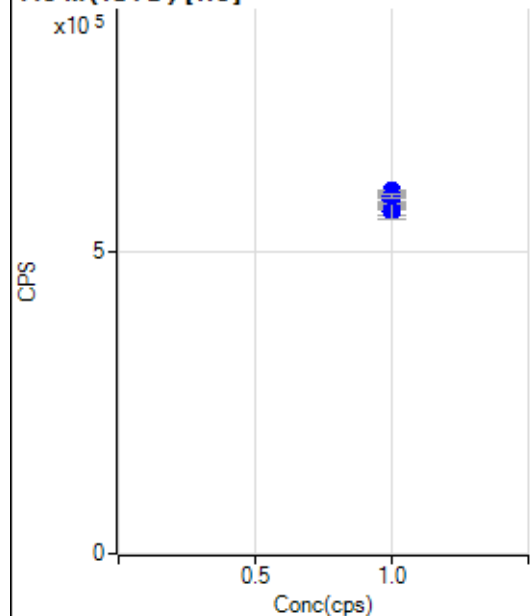
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10710687.05		A	0.3
2	☐	1.000					
3	☐	1.000		10814806.93		A	1.8
4	☐	1.000		10620704.67		A	2.3
5	☐	1.000		10895358.31		A	0.5
6	☐	1.000		11005436.10		A	1.0
7	☐	1.000		11153169.87		A	0.2
8	☐	1.000		11085889.05		A	1.9
9	☐	1.000		10329848.23		A	1.3

103 Rh (ISTD) [He]

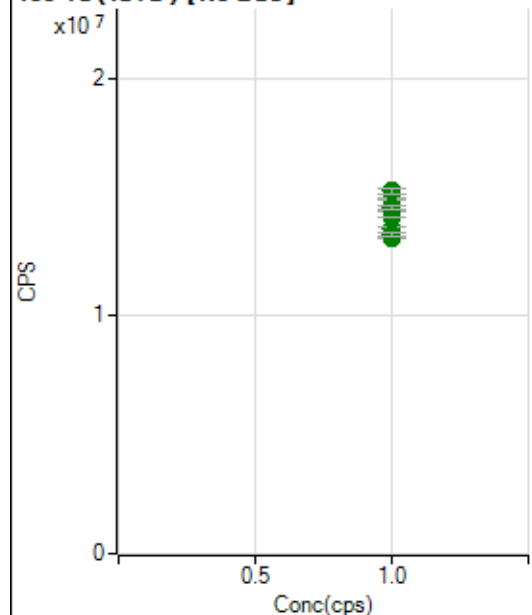
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3398755.30		A	1.3
2	☐	1.000					
3	☐	1.000		3231496.93		A	3.5
4	☐	1.000		3335179.99		A	3.1
5	☐	1.000		3443524.56		A	0.4
6	☐	1.000		3417145.19		A	1.4
7	☐	1.000		3354110.23		A	2.9
8	☐	1.000		3290060.96		A	5.1
9	☐	1.000		3248114.40		A	1.0

115 In (ISTD) [No Gas]

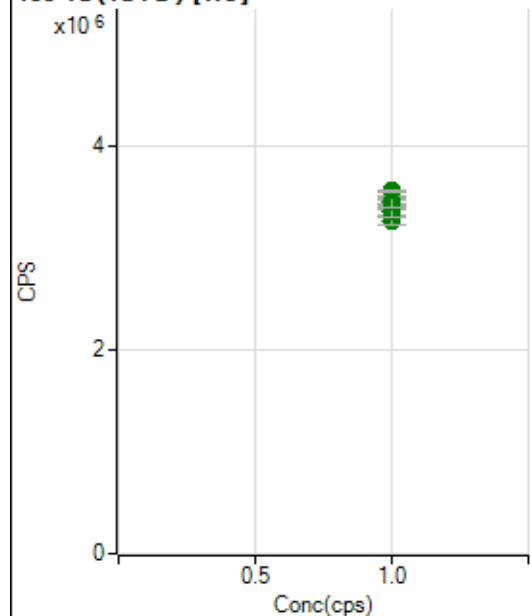
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11117145.13		A	1.2
2	☐	1.000					
3	☐	1.000		11327699.39		A	1.7
4	☐	1.000		11032585.99		A	2.1
5	☐	1.000		11461117.02		A	1.0
6	☐	1.000		11632803.21		A	0.5
7	☐	1.000		11833877.58		A	0.4
8	☐	1.000		11907002.85		A	1.1
9	☐	1.000		11310262.15		A	1.5

115 In (ISTD) [He]

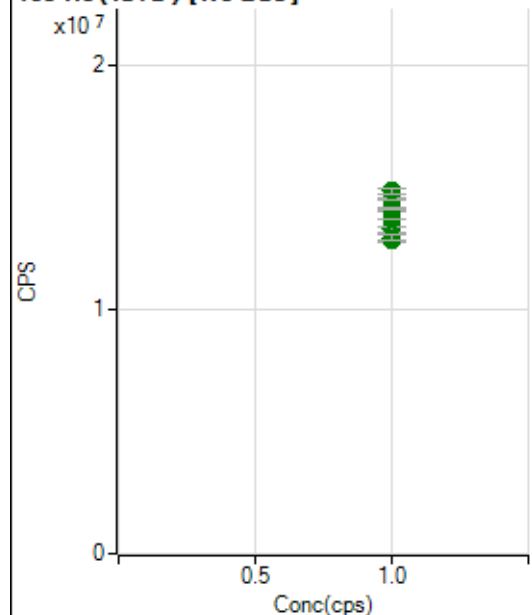
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		596198.73		P	0.6
2	☐	1.000					
3	☐	1.000		566924.51		P	2.8
4	☐	1.000		581224.35		P	3.2
5	☐	1.000		600132.24		P	0.7
6	☐	1.000		586246.76		P	1.1
7	☐	1.000		578481.80		P	3.1
8	☐	1.000		566836.30		P	4.2
9	☐	1.000		591467.93		P	0.8

159 Tb (ISTD) [No Gas]

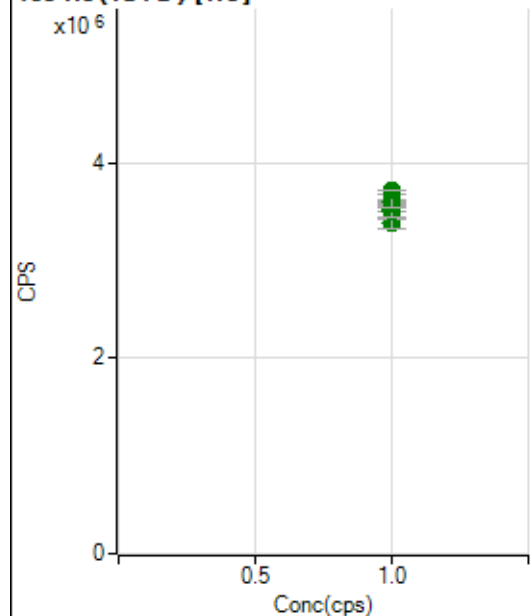
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13278724.53		A	0.5
2	☐	1.000					
3	☐	1.000		13656580.63		A	1.8
4	☐	1.000		13461109.24		A	1.2
5	☐	1.000		14176143.26		A	0.2
6	☐	1.000		14526000.20		A	1.4
7	☐	1.000		14918460.20		A	0.4
8	☐	1.000		15257178.11		A	1.7
9	☐	1.000		14535880.34		A	1.0

159 Tb (ISTD) [He]

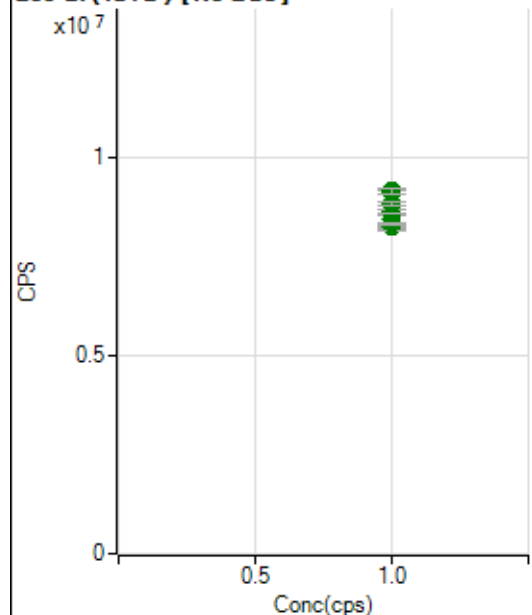
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3351903.98		A	1.6
2	☐	1.000					
3	☐	1.000		3253796.69		A	2.3
4	☐	1.000		3357011.72		A	2.9
5	☐	1.000		3473582.14		A	0.5
6	☐	1.000		3452355.99		A	0.8
7	☐	1.000		3452978.63		A	2.8
8	☐	1.000		3451778.08		A	3.6
9	☐	1.000		3556492.00		A	0.8

165 Ho (ISTD) [No Gas]

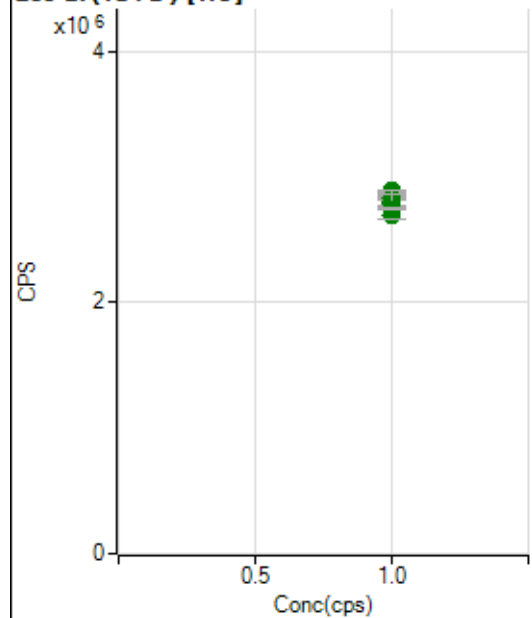
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12830066.95		A	0.5
2	☐	1.000					
3	☐	1.000		13290232.41		A	1.8
4	☐	1.000		12956139.09		A	2.1
5	☐	1.000		13733525.48		A	0.3
6	☐	1.000		14081502.75		A	0.4
7	☐	1.000		14541531.58		A	0.5
8	☐	1.000		14877072.73		A	1.5
9	☐	1.000		14139140.94		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3517048.84		A	1.5
2	☐	1.000					
3	☐	1.000		3373901.89		A	2.8
4	☐	1.000		3500263.87		A	3.3
5	☐	1.000		3608939.15		A	0.3
6	☐	1.000		3579126.19		A	0.5
7	☐	1.000		3599515.60		A	3.9
8	☐	1.000		3602997.00		A	3.7
9	☐	1.000		3709510.16		A	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8233884.94		A	0.7
2	☐	1.000					
3	☐	1.000		8465080.92		A	2.3
4	☐	1.000		8229785.29		A	1.8
5	☐	1.000		8636671.88		A	0.9
6	☐	1.000		8824937.72		A	1.0
7	☐	1.000		9145606.39		A	1.1
8	☐	1.000		9158191.88		A	1.8
9	☐	1.000		8326260.36		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2825681.52		A	1.2
2	☐	1.000					
3	☐	1.000		2698786.87		A	2.8
4	☐	1.000		2780144.12		A	3.0
5	☐	1.000		2886198.61		A	0.0
6	☐	1.000		2858366.17		A	1.0
7	☐	1.000		2827323.36		A	4.1
8	☐	1.000		2800726.59		A	4.1
9	☐	1.000		2742432.11		A	0.4

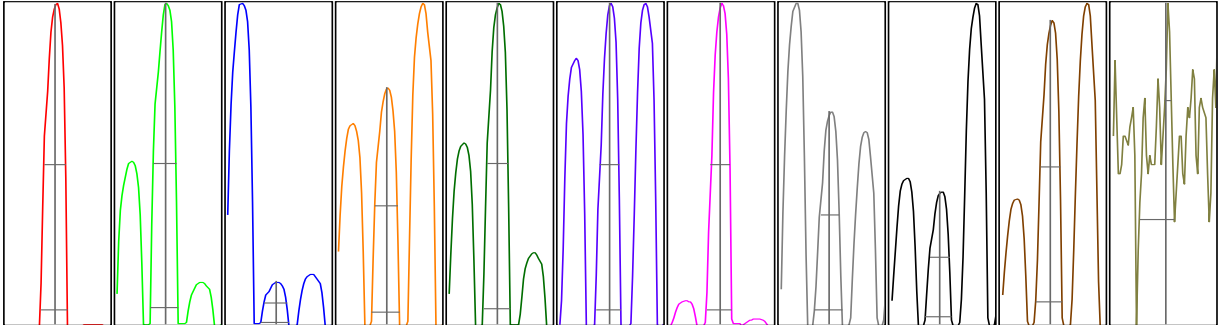
US EPA Tune Check Sample Report

Batch Folder D:\P8062718 -MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6292	1.51	5.00	
24	121304	1.08	5.00	
25	16453	0.79	5.00	
26	19252	0.97	5.00	
59	76915	2.11	5.00	
113	10207	3.73	5.00	
115	134906	3.07	5.00	
206	25862	1.78	5.00	
207	23549	1.53	5.00	
208	56211	1.43	5.00	
220	1	12.66		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6285	6134	6312	6352	6375
24	120387	119597	121941	122925	121672
25	16306	16350	16521	16628	16459
26	19042	19101	19405	19471	19241
59	74652	78079	77455	78536	75855
113	9894	10532	10493	10410	9703
115	132771	139158	138233	135363	129007
206	25447	26530	26107	25463	25760
207	23194	24125	23582	23304	23538
208	55394	57301	56417	55430	56515
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10794	8.95	8.9 - 9.1		0.776	0.900	
24	200403	23.95	23.9 - 24.1		0.785	0.900	
25	27315	24.95	24.9 - 25.1		0.786	0.900	
26	32190	25.95	25.9 - 26.1		0.784	0.900	
59	134081	58.95	58.9 - 59.1		0.777	0.900	
113	19343	113.00	112.9 - 113.1		0.728	0.900	
115	252894	115.00	114.9 - 115.1		0.726	0.900	
206	47295	205.95	205.9 - 206.1		0.782	0.900	
207	43107	206.95	206.9 - 207.1		0.739	0.900	
208	103610	207.95	207.9 - 208.1		0.746	0.900	
220	2	220.10	-		1.016		

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	11.5	V	Deflect	13.0	V
Extract 2	-245.0	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	11355	0.55	
89	11973	0.68	
205	15188	0.49	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11345	11260	11421	11399	11349
89	12053	11844	12010	12009	11951
205	15180	15066	15250	15197	15248

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	11.5	V	Deflect	1.6	V
Extract 2	-245.0	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	190	V			

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:30:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.82	0.81	2.01	0.00	N/A	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.07	0.05	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.16	-0.06	-0.09	0.00	N/A	ppb
Boron	11-1	0.24	-0.36	0.12	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.24	-0.28	0.52	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.04	0.00	0.00	N/A	ppb
Calcium	43-1	-3.00	2.81	0.19	0.00	N/A	ppb
Calcium	44-1	0.09	1.68	-1.77	0.00	N/A	ppb
Chromium	52-2	0.00	0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Copper	63-2	-0.02	-0.01	0.04	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	0.00	0.26	-0.26	0.00	N/A	ppb
Iron	57-2	0.63	-0.12	-0.51	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.52	-0.50	1.02	0.00	N/A	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:30:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.01	0.05	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.02	-0.01	0.02	0.00	N/A	ppb
Molybdenum	96-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.05	0.06	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-9.10	-9.10	-9.10	-9.10		ppb
Potassium	39-2	-10.60	1.93	8.67	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.23	1.03	-1.27	0.00	N/A	ppb
Selenium	82-1	0.29	-0.34	0.04	0.00	N/A	ppb
Silicon	28-1	0.23	0.94	-1.17	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	2.68	1.58	-4.26	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	5.47	-25.36	-78.85	-32.91		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.04	0.01	-0.05	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	0.02	0.04	0.00	N/A	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:30:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	N/A	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:38:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.61	18.39	12.30	16.43	21.79	ppb
Antimony	121-1	1.86	1.82	2.02	1.90	5.53	ppb
Arsenic	75-2	0.88	0.77	1.10	0.92	18.67	ppb
Barium	135-1	9.86	9.52	9.97	9.78	2.37	ppb
Barium	137-1	9.89	9.37	9.92	9.72	3.17	ppb
Beryllium	9-1	0.98	0.86	0.98	0.94	7.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	23.21	24.04	26.17	24.48	6.24	ppb
Boron	11-1	24.19	24.28	25.15	24.54	2.17	ppb
Cadmium	111-1	1.00	0.98	1.16	1.05	9.71	ppb
Cadmium	106-1	0.97	-0.32	2.64	1.10	135.10	ppb
Cadmium	108-1	0.68	0.66	1.19	0.84	35.52	ppb
Calcium	43-1	475.10	423.68	497.28	465.35	8.11	ppb
Calcium	44-1	466.11	449.02	462.56	459.23	1.96	ppb
Chromium	52-2	2.14	1.93	2.06	2.04	5.03	ppb
Cobalt	59-2	1.06	0.97	0.97	1.00	5.28	ppb
Copper	63-2	2.01	1.99	1.92	1.97	2.40	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				96		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	52.74	52.05	50.65	51.81	2.05	ppb
Iron	57-2	47.43	46.28	50.18	47.96	4.18	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.95	1.01	0.98	3.13	ppb
Lead	207-1	0.94	0.88	0.85	0.89	5.19	ppb
Lead	208-1	0.93	0.91	0.94	0.93	1.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	492.25	510.53	488.45	497.08	2.37	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:38:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	1.21	1.09	1.11	9.09	ppb
Molybdenum	94-1	4.83	4.51	5.02	4.79	5.40	ppb
Molybdenum	95-1	4.76	4.62	4.70	4.69	1.50	ppb
Molybdenum	96-1	4.55	4.61	4.64	4.60	0.95	ppb
Molybdenum	97-1	4.44	4.47	4.80	4.57	4.39	ppb
Molybdenum	98-1	4.70	4.44	4.66	4.60	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.07	0.97	1.00	6.14	ppb
Phosphorus	31-2	27.31	-9.10	9.08	9.10	200.08	ppb
Potassium	39-2	485.47	497.89	476.90	486.76	2.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	4.88	1.63	173.21	ppb
Selenium	78-2	3.43	2.01	2.67	2.70	26.23	ppb
Selenium	82-1	5.30	4.47	5.04	4.94	8.64	ppb
Silicon	28-1	18.63	14.31	17.42	16.79	13.27	ppb
Silver	109-1	1.04	1.01	1.00	1.01	2.02	ppb
Silver	107-1	1.02	1.06	1.06	1.05	2.05	ppb
Sodium	23-2	524.09	499.22	502.19	508.50	2.67	ppb
Strontium	86-1	1.03	0.95	1.08	1.02	6.25	ppb
Strontium	88-1	1.00	0.96	1.00	0.99	2.12	ppb
Sulfur	34-1	347.25	-343.76	95.25	32.91	1062.47	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.93	0.89	0.97	0.93	4.41	ppb
Thallium	205-1	0.98	0.91	0.93	0.94	3.78	ppb
Tin	118-1	5.03	5.06	5.45	5.18	4.47	ppb
Titanium	47-1	5.13	5.15	5.03	5.10	1.28	ppb
Uranium	238-1	0.92	0.91	0.94	0.93	1.34	ppb
Vanadium	51-2	4.84	4.70	4.49	4.68	3.77	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	1.45	1.50	2.21	1.72	24.83	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:38:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.89	0.91	0.98	0.93	4.78	ppb
Zirconium	91-1	0.91	0.95	0.92	0.93	2.59	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 13:42:00 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1053.72	1047.89	967.16	1022.92	4.73	ppb
Antimony	121-1	50.37	52.02	52.74	51.71	2.35	ppb
Arsenic	75-2	49.55	50.95	49.38	49.96	1.72	ppb
Barium	135-1	258.12	270.06	261.61	263.26	2.33	ppb
Barium	137-1	258.72	268.60	265.59	264.30	1.92	ppb
Beryllium	9-1	53.29	54.89	53.86	54.01	1.50	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	50.76	51.21	53.90	51.96	3.27	ppb
Boron	11-1	49.35	51.38	54.28	51.67	4.79	ppb
Cadmium	111-1	52.83	54.67	53.42	53.64	1.75	ppb
Cadmium	106-1	54.97	55.73	53.51	54.73	2.05	ppb
Cadmium	108-1	55.45	55.14	50.78	53.79	4.85	ppb
Calcium	43-1	5024.39	5293.23	5340.28	5219.30	3.27	ppb
Calcium	44-1	5160.76	5326.88	5425.07	5304.23	2.52	ppb
Chromium	52-2	50.06	52.75	49.39	50.73	3.50	ppb
Cobalt	59-2	48.93	52.54	49.30	50.26	3.95	ppb
Copper	63-2	100.50	108.03	99.67	102.73	4.48	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				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	2719.60	2941.38	2711.63	2790.87	4.67	ppb
Iron	57-2	2761.52	2868.22	2696.91	2775.55	3.12	ppb
Krypton	83-1						cps
Lead	206-1	48.91	51.17	50.85	50.31	2.43	ppb
Lead	207-1	48.40	50.83	49.71	49.65	2.45	ppb
Lead	208-1	49.18	50.91	50.73	50.27	1.89	ppb
Lithium	6-1				99		%
Magnesium	24-2	5191.32	5639.09	5229.59	5353.33	4.64	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:42:00	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.75	106.13	99.13	101.67	3.81	ppb
Molybdenum	94-1	253.35	257.69	263.36	258.13	1.94	ppb
Molybdenum	95-1	254.39	257.50	263.05	258.31	1.70	ppb
Molybdenum	96-1	250.31	254.64	258.71	254.56	1.65	ppb
Molybdenum	97-1	250.68	253.71	256.99	253.79	1.24	ppb
Molybdenum	98-1	252.50	257.09	262.68	257.42	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.08	54.85	50.24	52.06	4.72	ppb
Phosphorus	31-2	977.07	1259.47	1057.18	1097.91	13.26	ppb
Potassium	39-2	2542.22	2763.04	2579.66	2628.31	4.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	23.65	59.54	75.72	52.97	50.31	ppb
Selenium	78-2	56.64	69.08	58.20	61.31	11.05	ppb
Selenium	82-1	51.67	54.67	54.34	53.56	3.06	ppb
Silicon	28-1	63.93	70.33	73.64	69.30	7.12	ppb
Silver	109-1	54.45	55.40	55.06	54.97	0.88	ppb
Silver	107-1	54.02	55.85	54.38	54.75	1.77	ppb
Sodium	23-2	5222.46	5675.91	5211.28	5369.88	4.94	ppb
Strontium	86-1	50.57	51.48	51.19	51.08	0.91	ppb
Strontium	88-1	51.15	52.44	52.81	52.14	1.67	ppb
Sulfur	34-1	1212.59	1541.32	2181.71	1645.21	29.96	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	49.08	51.43	51.10	50.54	2.52	ppb
Thallium	205-1	49.83	52.03	52.13	51.33	2.54	ppb
Tin	118-1	51.58	52.61	52.58	52.26	1.13	ppb
Titanium	47-1	251.27	259.11	265.68	258.69	2.79	ppb
Uranium	238-1	48.30	49.92	50.56	49.59	2.35	ppb
Vanadium	51-2	49.55	53.50	49.13	50.72	4.75	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	103.00	111.03	103.01	105.68	4.38	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:42:00	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.85	50.99	51.94	50.93	2.05	ppb
Zirconium	91-1	49.72	49.88	50.68	50.09	1.03	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:45:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2484.39	2480.95	2578.67	2514.67	2.21	ppb
Antimony	121-1	127.55	128.10	129.08	128.25	0.60	ppb
Arsenic	75-2	122.50	119.76	120.78	121.02	1.14	ppb
Barium	135-1	645.36	647.10	646.25	646.24	0.13	ppb
Barium	137-1	639.00	654.62	640.56	644.73	1.33	ppb
Beryllium	9-1	131.28	130.97	127.89	130.04	1.44	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	122.17	124.32	121.56	122.68	1.18	ppb
Boron	11-1	120.72	124.19	124.48	123.13	1.70	ppb
Cadmium	111-1	128.16	129.23	129.30	128.89	0.50	ppb
Cadmium	106-1	124.24	129.05	124.78	126.02	2.09	ppb
Cadmium	108-1	127.71	131.50	130.20	129.80	1.49	ppb
Calcium	43-1	12804.52	12823.94	12781.52	12803.33	0.17	ppb
Calcium	44-1	12775.98	12873.66	12777.71	12809.12	0.44	ppb
Chromium	52-2	124.83	123.78	125.43	124.68	0.67	ppb
Cobalt	59-2	123.57	123.15	123.42	123.38	0.17	ppb
Copper	63-2	251.20	250.94	250.58	250.91	0.13	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				103		%
Indium	115-2				101		%
Iron	56-2	6795.34	6881.11	6817.54	6831.33	0.65	ppb
Iron	57-2	6856.97	6782.67	6717.40	6785.68	1.03	ppb
Krypton	83-1						cps
Lead	206-1	123.76	126.96	123.83	124.85	1.46	ppb
Lead	207-1	122.35	123.10	121.85	122.44	0.51	ppb
Lead	208-1	124.02	125.05	122.54	123.87	1.02	ppb
Lithium	6-1				105		%
Magnesium	24-2	13077.48	13125.04	13118.67	13107.06	0.20	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:45:40	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	247.92	247.50	250.26	248.56	0.60	ppb
Molybdenum	94-1	643.17	632.17	633.96	636.43	0.93	ppb
Molybdenum	95-1	646.54	642.86	635.24	641.55	0.90	ppb
Molybdenum	96-1	647.24	642.21	633.96	641.14	1.05	ppb
Molybdenum	97-1	625.05	627.32	620.15	624.18	0.59	ppb
Molybdenum	98-1	635.78	635.47	634.36	635.20	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.75	125.91	127.50	126.72	0.63	ppb
Phosphorus	31-2	2498.97	2427.38	2391.82	2439.39	2.24	ppb
Potassium	39-2	6481.69	6366.32	6341.37	6396.46	1.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	103.72	83.61	103.60	96.98	11.94	ppb
Selenium	78-2	126.34	131.92	142.86	133.71	6.29	ppb
Selenium	82-1	130.90	127.33	127.29	128.50	1.61	ppb
Silicon	28-1	154.36	157.60	158.57	156.84	1.40	ppb
Silver	109-1	131.45	132.15	132.66	132.09	0.46	ppb
Silver	107-1	129.97	131.61	131.57	131.05	0.72	ppb
Sodium	23-2	13316.26	13286.23	13223.56	13275.35	0.36	ppb
Strontium	86-1	125.10	126.01	123.15	124.75	1.17	ppb
Strontium	88-1	129.58	129.81	127.31	128.90	1.07	ppb
Sulfur	34-1	2606.46	2575.42	2442.74	2541.54	3.42	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	124.33	127.52	123.24	125.03	1.78	ppb
Thallium	205-1	128.75	128.70	126.56	128.01	0.98	ppb
Tin	118-1	127.07	128.49	128.79	128.12	0.72	ppb
Titanium	47-1	633.82	641.40	634.86	636.69	0.65	ppb
Uranium	238-1	126.80	126.91	124.30	126.00	1.17	ppb
Vanadium	51-2	123.97	122.76	123.74	123.49	0.52	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	250.42	255.77	255.08	253.76	1.15	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:45:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	126.71	125.93	126.43	126.36	0.31	ppb
Zirconium	91-1	123.02	124.29	124.44	123.92	0.63	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:49:15	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5397.52	5143.24	4961.33	5167.36	4.24	ppb
Antimony	121-1	258.60	257.63	259.03	258.42	0.28	ppb
Arsenic	75-2	247.41	244.63	241.18	244.41	1.28	ppb
Barium	135-1	1320.23	1295.59	1296.52	1304.11	1.07	ppb
Barium	137-1	1307.61	1274.51	1282.36	1288.16	1.34	ppb
Beryllium	9-1	256.14	252.46	261.79	256.79	1.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	250.77	242.75	257.44	250.32	2.94	ppb
Boron	11-1	245.30	246.82	257.70	249.94	2.70	ppb
Cadmium	111-1	259.46	253.07	255.40	255.97	1.26	ppb
Cadmium	106-1	257.25	254.28	260.50	257.34	1.21	ppb
Cadmium	108-1	261.24	261.38	252.25	258.29	2.03	ppb
Calcium	43-1	25248.58	25693.32	25267.42	25403.10	0.99	ppb
Calcium	44-1	25213.55	25503.54	25213.87	25310.32	0.66	ppb
Chromium	52-2	248.36	245.59	244.12	246.02	0.88	ppb
Cobalt	59-2	249.16	245.97	243.56	246.23	1.14	ppb
Copper	63-2	505.41	499.17	494.68	499.75	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	13498.48	13304.14	13259.68	13354.10	0.95	ppb
Iron	57-2	13609.33	13395.04	13469.80	13491.39	0.81	ppb
Krypton	83-1						cps
Lead	206-1	251.28	249.50	251.00	250.59	0.38	ppb
Lead	207-1	246.09	243.52	247.53	245.71	0.83	ppb
Lead	208-1	253.11	252.28	253.63	253.01	0.27	ppb
Lithium	6-1				106		%
Magnesium	24-2	26422.51	25910.18	25474.20	25935.63	1.83	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:49:15	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	495.33	487.65	488.81	490.60	0.84	ppb
Molybdenum	94-1	1279.80	1266.95	1271.20	1272.65	0.51	ppb
Molybdenum	95-1	1257.68	1245.71	1284.61	1262.67	1.58	ppb
Molybdenum	96-1	1243.50	1246.89	1268.69	1253.03	1.09	ppb
Molybdenum	97-1	1269.67	1278.68	1283.06	1277.14	0.53	ppb
Molybdenum	98-1	1239.92	1244.09	1269.76	1251.25	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.00	250.55	251.31	251.62	0.50	ppb
Phosphorus	31-2	5100.77	4485.98	4692.60	4759.78	6.57	ppb
Potassium	39-2	12795.48	12790.12	12408.78	12664.79	1.75	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	254.84	267.54	199.15	240.51	15.12	ppb
Selenium	78-2	237.31	261.10	262.28	253.56	5.56	ppb
Selenium	82-1	251.89	255.59	252.76	253.41	0.76	ppb
Silicon	28-1	262.41	272.92	262.19	265.84	2.31	ppb
Silver	109-1	268.84	260.54	261.48	263.62	1.72	ppb
Silver	107-1	268.08	256.70	259.57	261.45	2.26	ppb
Sodium	23-2	26970.75	26323.45	26254.58	26516.26	1.49	ppb
Strontium	86-1	244.74	247.64	250.61	247.66	1.19	ppb
Strontium	88-1	250.61	252.24	254.97	252.61	0.87	ppb
Sulfur	34-1	4771.07	4971.95	4708.87	4817.30	2.85	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	253.70	248.56	249.44	250.57	1.10	ppb
Thallium	205-1	257.13	253.16	255.71	255.33	0.79	ppb
Tin	118-1	257.10	253.55	254.60	255.08	0.72	ppb
Titanium	47-1	1261.73	1281.31	1262.69	1268.58	0.87	ppb
Uranium	238-1	251.22	252.18	250.95	251.45	0.26	ppb
Vanadium	51-2	251.44	246.04	243.54	247.01	1.63	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	512.57	496.87	495.14	501.53	1.92	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:49:15	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	255.69	251.53	253.13	253.45	0.83	ppb
Zirconium	91-1	249.16	247.99	251.76	249.63	0.77	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:52:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10735.96	9987.01	10155.38	10292.78	3.82	ppb
Antimony	121-1	504.21	511.42	510.11	508.58	0.75	ppb
Arsenic	75-2	519.40	484.25	487.02	496.89	3.93	ppb
Barium	135-1	2528.75	2564.85	2560.90	2551.50	0.78	ppb
Barium	137-1	2533.90	2516.62	2533.76	2528.09	0.39	ppb
Beryllium	9-1	510.31	513.22	506.98	510.17	0.61	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	485.29	517.54	512.00	504.94	3.42	ppb
Boron	11-1	501.42	518.29	512.89	510.87	1.69	ppb
Cadmium	111-1	502.58	506.64	505.89	505.03	0.43	ppb
Cadmium	106-1	506.65	509.50	507.95	508.04	0.28	ppb
Cadmium	108-1	509.15	502.01	509.98	507.05	0.86	ppb
Calcium	43-1	51454.24	51466.87	50811.39	51244.17	0.73	ppb
Calcium	44-1	50952.59	50922.85	50409.95	50761.80	0.60	ppb
Chromium	52-2	533.14	492.35	493.47	506.32	4.59	ppb
Cobalt	59-2	525.67	484.50	491.76	500.64	4.39	ppb
Copper	63-2	1084.96	992.52	997.46	1024.98	5.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	28988.68	26531.29	27020.53	27513.50	4.73	ppb
Iron	57-2	28812.72	26841.08	26862.58	27505.46	4.12	ppb
Krypton	83-1						cps
Lead	206-1	504.86	508.29	496.90	503.35	1.16	ppb
Lead	207-1	500.99	503.37	505.81	503.39	0.48	ppb
Lead	208-1	503.36	507.42	501.52	504.10	0.60	ppb
Lithium	6-1				106		%
Magnesium	24-2	56646.75	52884.97	51791.08	53774.27	4.74	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:52:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1058.81	981.55	995.63	1012.00	4.07	ppb
Molybdenum	94-1	2481.26	2513.85	2527.10	2507.40	0.94	ppb
Molybdenum	95-1	2478.81	2499.90	2517.11	2498.61	0.77	ppb
Molybdenum	96-1	2475.15	2484.39	2522.13	2493.89	1.00	ppb
Molybdenum	97-1	2498.19	2541.20	2530.45	2523.28	0.89	ppb
Molybdenum	98-1	2498.18	2497.21	2539.41	2511.60	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.38	494.15	494.24	506.92	4.35	ppb
Phosphorus	31-2	10057.39	10413.45	8571.51	9680.78	10.09	ppb
Potassium	39-2	26938.15	25279.34	25242.50	25820.00	3.75	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	590.82	482.14	452.11	508.36	14.36	ppb
Selenium	78-2	533.82	518.31	450.91	501.01	8.80	ppb
Selenium	82-1	503.21	504.49	510.29	506.00	0.75	ppb
Silicon	28-1	521.70	518.59	522.51	520.93	0.40	ppb
Silver	109-1	508.16	515.95	521.51	515.21	1.30	ppb
Silver	107-1	508.59	516.23	516.60	513.80	0.88	ppb
Sodium	23-2	56723.70	52459.63	52207.24	53796.86	4.72	ppb
Strontium	86-1	494.69	493.74	501.18	496.54	0.82	ppb
Strontium	88-1	500.11	501.03	504.55	501.89	0.47	ppb
Sulfur	34-1	10144.76	10045.54	9771.94	9987.41	1.93	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	503.22	510.98	505.06	506.42	0.80	ppb
Thallium	205-1	505.38	505.20	490.53	500.37	1.70	ppb
Tin	118-1	511.37	507.93	508.52	509.27	0.36	ppb
Titanium	47-1	2573.57	2554.94	2554.13	2560.88	0.43	ppb
Uranium	238-1	497.77	498.71	490.36	495.61	0.92	ppb
Vanadium	51-2	527.68	489.53	492.29	503.17	4.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	1069.92	988.51	1006.58	1021.67	4.18	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:52:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.96	492.55	505.91	498.81	1.35	ppb
Zirconium	91-1	490.97	498.48	501.19	496.88	1.07	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:56:09	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19856.38	19898.80	21958.47	20571.22	5.84	ppb
Antimony	121-1	971.70	1004.21	1003.43	993.11	1.87	ppb
Arsenic	75-2	972.57	978.77	1059.03	1003.46	4.81	ppb
Barium	135-1	4871.61	5013.46	4987.14	4957.40	1.52	ppb
Barium	137-1	4852.86	5027.13	5039.70	4973.23	2.10	ppb
Beryllium	9-1	980.25	1001.35	995.56	992.39	1.10	ppb
Bismuth	209-1				111		%
Bismuth	209-2				99		%
Boron	10-1	966.21	1006.51	1020.24	997.65	2.81	ppb
Boron	11-1	951.79	1006.17	1026.26	994.74	3.87	ppb
Cadmium	111-1	961.11	1019.32	1005.53	995.32	3.06	ppb
Cadmium	106-1	974.49	1007.27	999.59	993.78	1.73	ppb
Cadmium	108-1	968.75	1014.51	997.58	993.61	2.33	ppb
Calcium	43-1	99688.82	104263.95	103881.20	102611.32	2.47	ppb
Calcium	44-1	97785.88	101663.73	100846.43	100098.68	2.04	ppb
Chromium	52-2	974.64	967.61	1051.26	997.84	4.65	ppb
Cobalt	59-2	959.59	978.25	1064.58	1000.81	5.60	ppb
Copper	63-2	1926.18	1932.20	2103.58	1987.32	5.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	53032.63	52713.39	57206.92	54317.64	4.62	ppb
Iron	57-2	52902.18	53197.25	57445.87	54515.10	4.66	ppb
Krypton	83-1						cps
Lead	206-1	977.14	1005.53	1011.88	998.18	1.85	ppb
Lead	207-1	964.86	1016.79	1017.50	999.72	3.02	ppb
Lead	208-1	967.74	1008.64	1015.60	997.33	2.59	ppb
Lithium	6-1				109		%
Magnesium	24-2	102260.33	102189.74	111282.05	105244.04	4.97	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:56:09	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1936.25	1942.50	2110.59	1996.45	4.95	ppb
Molybdenum	94-1	4887.53	5028.75	5050.12	4988.80	1.77	ppb
Molybdenum	95-1	4868.54	5075.88	5040.72	4995.05	2.22	ppb
Molybdenum	96-1	4878.23	5055.35	5066.58	5000.05	2.11	ppb
Molybdenum	97-1	4891.22	5021.03	5032.21	4981.49	1.57	ppb
Molybdenum	98-1	4895.90	5066.07	5014.75	4992.24	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	972.72	963.37	1051.36	995.82	4.85	ppb
Phosphorus	31-2	19724.26	20898.30	20044.47	20222.34	3.00	ppb
Potassium	39-2	49889.87	49513.51	54184.02	51195.80	5.07	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	996.96	868.38	1139.36	1001.57	13.53	ppb
Selenium	78-2	967.70	958.36	1064.82	996.96	5.91	ppb
Selenium	82-1	970.20	1004.61	1011.79	995.53	2.23	ppb
Silicon	28-1	950.05	1000.03	991.61	980.56	2.73	ppb
Silver	109-1	963.03	1005.69	994.86	987.86	2.24	ppb
Silver	107-1	957.90	1005.07	1004.75	989.24	2.74	ppb
Sodium	23-2	102019.80	101870.30	110385.76	104758.62	4.65	ppb
Strontium	86-1	973.30	1020.98	1012.60	1002.29	2.54	ppb
Strontium	88-1	966.65	1012.92	1013.86	997.81	2.70	ppb
Sulfur	34-1	19194.63	20614.88	20234.04	20014.52	3.67	ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	973.47	1004.26	1012.13	996.62	2.05	ppb
Thallium	205-1	971.47	1006.98	1015.67	998.04	2.35	ppb
Tin	118-1	974.61	1009.62	996.53	993.59	1.78	ppb
Titanium	47-1	4825.48	5070.45	4993.13	4963.02	2.52	ppb
Uranium	238-1	974.92	1021.75	1008.50	1001.73	2.41	ppb
Vanadium	51-2	971.11	967.68	1059.16	999.32	5.19	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	1927.56	1933.46	2103.07	1988.03	5.01	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:56:09	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	975.21	1013.07	1010.27	999.52	2.11	ppb
Zirconium	91-1	968.99	1014.55	1021.80	1001.78	2.86	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:59:28	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98883.22	100380.02	100279.30	99847.51	0.84	ppb
Antimony	121-1	3.25	3.01	2.92	3.06	5.48	ppb
Arsenic	75-2	1.51	1.04	1.18	1.24	19.42	ppb
Barium	135-1	1.25	1.09	1.05	1.13	9.61	ppb
Barium	137-1	1.24	1.19	1.08	1.17	6.79	ppb
Beryllium	9-1	0.41	0.27	0.23	0.30	30.62	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	53.13	42.52	40.27	45.31	15.16	ppb
Boron	11-1	49.47	46.24	42.34	46.02	7.77	ppb
Cadmium	111-1	0.29	0.39	0.08	0.25	63.78	ppb
Cadmium	106-1	-0.23	1.37	-1.69	-0.18		ppb
Cadmium	108-1	0.30	0.27	0.23	0.27	12.84	ppb
Calcium	43-1	498589.02	500987.85	498393.40	499323.42	0.29	ppb
Calcium	44-1	502142.05	501135.32	496356.14	499877.84	0.62	ppb
Chromium	52-2	30.99	31.31	31.31	31.20	0.60	ppb
Cobalt	59-2	11.22	11.50	11.10	11.27	1.83	ppb
Copper	63-2	3.50	3.51	3.50	3.50	0.20	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				110		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	249182.14	249009.15	248283.63	248824.97	0.19	ppb
Iron	57-2	249143.35	246001.07	251197.73	248780.72	1.05	ppb
Krypton	83-1						cps
Lead	206-1	6.44	6.56	6.20	6.40	2.88	ppb
Lead	207-1	5.96	5.76	5.81	5.84	1.84	ppb
Lead	208-1	6.16	6.17	6.02	6.12	1.32	ppb
Lithium	6-1				107		%
Magnesium	24-2	495258.59	500510.04	499756.19	498508.28	0.57	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:59:28	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.07	8.38	9.23	8.56	7.05	ppb
Molybdenum	94-1	6.52	6.51	6.07	6.37	4.07	ppb
Molybdenum	95-1	8.50	8.43	8.13	8.35	2.34	ppb
Molybdenum	96-1	8.76	8.65	8.22	8.55	3.33	ppb
Molybdenum	97-1	8.57	8.21	7.78	8.19	4.83	ppb
Molybdenum	98-1	8.64	8.44	8.06	8.38	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.62	27.59	27.40	27.20	1.89	ppb
Phosphorus	31-2	7.89	-9.10	-9.10	-3.44		ppb
Potassium	39-2	248360.28	249277.33	251359.44	249665.68	0.62	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	4.57	0.00	0.00	1.52	173.21	ppb
Selenium	78-2	0.20	2.41	2.37	1.66	75.97	ppb
Selenium	82-1	1.75	0.74	0.59	1.02	61.75	ppb
Silicon	28-1	10.62	10.56	8.15	9.78	14.42	ppb
Silver	109-1	0.22	0.16	0.18	0.19	16.83	ppb
Silver	107-1	0.25	0.15	0.14	0.18	34.13	ppb
Sodium	23-2	497440.05	501266.55	497002.46	498569.69	0.47	ppb
Strontium	86-1	5.19	4.95	4.98	5.04	2.58	ppb
Strontium	88-1	5.13	5.19	5.05	5.13	1.32	ppb
Sulfur	34-1	-766.69	-652.47	-895.37	-771.51		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.67	0.61	0.56	0.61	9.66	ppb
Thallium	205-1	0.65	0.60	0.54	0.60	8.93	ppb
Tin	118-1	2.81	2.73	2.65	2.73	3.09	ppb
Titanium	47-1	3.25	2.98	2.73	2.99	8.57	ppb
Uranium	238-1	0.20	0.17	0.13	0.17	22.10	ppb
Vanadium	51-2	0.38	0.40	0.33	0.37	9.47	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	11.40	11.82	11.34	11.52	2.25	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:59:28	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.35	0.30	0.31	0.32	8.52	ppb
Zirconium	91-1	0.37	0.37	0.36	0.37	2.37	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:10:53	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	480.33	515.01	470.68	488.67	4.77	ppb
Antimony	121-1	198.43	203.42	203.88	201.91	1.50	ppb
Arsenic	75-2	193.36	190.17	192.72	192.08	0.88	ppb
Barium	135-1	101.55	105.41	104.57	103.84	1.95	ppb
Barium	137-1	100.64	103.01	103.39	102.35	1.46	ppb
Beryllium	9-1	100.48	100.97	101.34	100.93	0.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	511.74	531.19	528.52	523.81	2.01	ppb
Boron	11-1	505.22	528.52	533.99	522.57	2.92	ppb
Cadmium	111-1	102.09	103.55	104.81	103.48	1.31	ppb
Cadmium	106-1	86.27	88.57	89.34	88.06	1.81	ppb
Cadmium	108-1	98.08	97.94	99.06	98.36	0.62	ppb
Calcium	43-1	2000.48	2099.89	2023.52	2041.30	2.55	ppb
Calcium	44-1	2006.77	2032.22	2034.53	2024.51	0.76	ppb
Chromium	52-2	94.37	90.71	93.30	92.80	2.03	ppb
Cobalt	59-2	96.51	93.21	94.85	94.86	1.74	ppb
Copper	63-2	98.16	94.61	95.15	95.97	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	1052.63	1017.48	1022.68	1030.93	1.84	ppb
Iron	57-2	1038.20	992.15	1036.44	1022.26	2.55	ppb
Krypton	83-1						cps
Lead	206-1	196.88	199.27	198.71	198.29	0.63	ppb
Lead	207-1	186.48	190.44	188.63	188.52	1.05	ppb
Lead	208-1	195.85	198.73	198.32	197.63	0.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	1240.50	1181.13	1174.80	1198.81	3.02	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:10:53	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.53	92.85	94.91	94.77	1.95	ppb
Molybdenum	94-1	350.33	350.61	357.75	352.90	1.19	ppb
Molybdenum	95-1	506.24	513.10	515.13	511.49	0.91	ppb
Molybdenum	96-1	482.07	491.60	493.34	489.00	1.24	ppb
Molybdenum	97-1	491.23	494.97	501.96	496.05	1.10	ppb
Molybdenum	98-1	502.11	512.01	512.97	509.03	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.99	95.99	97.38	97.45	1.54	ppb
Phosphorus	31-2	24.28	7.15	7.13	12.85	77.00	ppb
Potassium	39-2	1972.42	1972.01	2017.58	1987.34	1.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	227.54	223.30	212.32	221.05	3.55	ppb
Selenium	78-2	202.13	196.23	182.58	193.65	5.18	ppb
Selenium	82-1	202.52	199.82	205.39	202.58	1.38	ppb
Silicon	28-1	1.52	0.46	-3.26	-0.43		ppb
Silver	109-1	105.43	106.89	106.86	106.39	0.78	ppb
Silver	107-1	104.93	106.46	106.88	106.09	0.97	ppb
Sodium	23-2	2094.95	2036.73	2077.41	2069.70	1.44	ppb
Strontium	86-1	2.07	2.45	2.51	2.34	10.08	ppb
Strontium	88-1	2.42	2.41	2.39	2.41	0.69	ppb
Sulfur	34-1	-207.27	-200.27	-637.97	-348.50		ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	199.84	203.63	202.29	201.92	0.95	ppb
Thallium	205-1	206.38	208.67	209.02	208.02	0.69	ppb
Tin	118-1	0.26	0.20	0.20	0.22	14.96	ppb
Titanium	47-1	0.24	0.25	0.35	0.28	22.78	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	57.58	ppb
Vanadium	51-2	95.08	93.30	94.59	94.32	0.97	ppb
Yttrium	89-1				101		%
Yttrium	89-2				107		%
Zinc	66-2	201.07	189.69	194.21	194.99	2.94	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:10:53	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.12	0.13	0.14	20.56	ppb
Zirconium	91-1	0.24	0.16	0.23	0.21	21.86	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:15:24	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.30	20.88	32.88	23.02	39.02	ppb
Antimony	121-1	2.53	2.48	2.46	2.49	1.40	ppb
Arsenic	75-2	0.67	1.04	1.02	0.91	22.78	ppb
Barium	135-1	9.68	9.90	9.79	9.79	1.12	ppb
Barium	137-1	9.44	9.59	9.68	9.57	1.25	ppb
Beryllium	9-1	1.01	1.12	1.06	1.06	5.50	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	41.68	41.67	45.50	42.95	5.15	ppb
Boron	11-1	43.06	40.64	42.62	42.11	3.06	ppb
Cadmium	111-1	1.01	1.01	1.05	1.02	2.33	ppb
Cadmium	106-1	0.73	0.19	0.64	0.52	55.05	ppb
Cadmium	108-1	0.83	0.61	0.69	0.71	15.71	ppb
Calcium	43-1	470.04	456.08	462.13	462.75	1.51	ppb
Calcium	44-1	459.67	475.23	476.40	470.43	1.99	ppb
Chromium	52-2	1.98	2.00	2.00	1.99	0.69	ppb
Cobalt	59-2	0.94	0.90	0.97	0.94	3.42	ppb
Copper	63-2	1.70	1.97	1.92	1.86	7.64	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				105		%
Iron	56-2	52.37	51.93	55.28	53.19	3.42	ppb
Iron	57-2	50.84	50.29	55.48	52.20	5.46	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.98	0.97	0.96	1.81	ppb
Lead	207-1	0.92	0.94	0.88	0.91	3.06	ppb
Lead	208-1	0.94	0.98	0.95	0.96	2.16	ppb
Lithium	6-1				106		%
Magnesium	24-2	500.14	489.51	520.75	503.47	3.16	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:15:24	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.82	0.98	0.92	0.91	8.98	ppb
Molybdenum	94-1	4.90	4.86	5.04	4.93	1.85	ppb
Molybdenum	95-1	4.85	4.79	4.99	4.88	2.09	ppb
Molybdenum	96-1	4.93	4.78	4.97	4.89	1.99	ppb
Molybdenum	97-1	5.00	4.88	4.80	4.90	2.04	ppb
Molybdenum	98-1	4.91	4.96	4.96	4.95	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.24	1.08	1.12	9.22	ppb
Phosphorus	31-2	23.61	23.50	-9.10	12.67	148.79	ppb
Potassium	39-2	505.80	471.31	496.65	491.25	3.64	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	21.81	4.37	9.36	11.85	75.80	ppb
Selenium	78-2	6.46	6.48	8.53	7.16	16.61	ppb
Selenium	82-1	4.19	4.75	4.80	4.58	7.41	ppb
Silicon	28-1	8.52	9.74	9.77	9.35	7.64	ppb
Silver	109-1	0.98	1.03	1.10	1.04	6.11	ppb
Silver	107-1	1.08	1.03	1.01	1.04	3.44	ppb
Sodium	23-2	528.81	519.76	553.41	533.99	3.26	ppb
Strontium	86-1	0.93	0.94	0.94	0.93	0.68	ppb
Strontium	88-1	1.00	1.01	1.00	1.00	0.85	ppb
Sulfur	34-1	-884.81	-717.05	-833.41	-811.76		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	1.03	1.12	1.03	1.06	4.81	ppb
Thallium	205-1	1.05	1.06	1.07	1.06	1.06	ppb
Tin	118-1	5.13	5.19	5.28	5.20	1.47	ppb
Titanium	47-1	4.86	4.82	4.71	4.80	1.55	ppb
Uranium	238-1	0.92	0.97	0.96	0.95	2.54	ppb
Vanadium	51-2	4.15	4.51	4.63	4.43	5.63	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	1.85	2.50	2.24	2.20	14.95	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:15:24	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	1.05	1.02	1.02	2.71	ppb
Zirconium	91-1	1.04	1.10	1.06	1.07	2.93	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 14:19:33 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.31	-2.82	0.62	1.37	336.98	ppb
Antimony	121-1	0.21	0.20	0.17	0.19	9.04	ppb
Arsenic	75-2	-0.03	-0.06	-0.09	-0.06		ppb
Barium	135-1	0.02	0.03	0.01	0.02	32.18	ppb
Barium	137-1	0.01	0.01	0.02	0.01	44.61	ppb
Beryllium	9-1	0.02	0.05	0.01	0.03	70.89	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	11.65	11.73	9.40	10.93	12.12	ppb
Boron	11-1	10.61	11.13	9.68	10.47	7.04	ppb
Cadmium	111-1	-0.04	0.05	-0.01	0.00		ppb
Cadmium	106-1	-0.60	0.88	-0.49	-0.07		ppb
Cadmium	108-1	-0.16	0.10	-0.19	-0.08		ppb
Calcium	43-1	-1.34	1.91	-6.11	-1.85		ppb
Calcium	44-1	2.09	0.98	1.65	1.57	35.77	ppb
Chromium	52-2	-0.02	-0.11	0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	132.65	ppb
Copper	63-2	-0.05	0.00	-0.07	-0.04		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				106		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	0.70	1.26	1.40	1.12	33.06	ppb
Iron	57-2	0.04	1.07	4.76	1.96	126.61	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.01	0.01	57.53	ppb
Lead	207-1	0.02	0.02	0.02	0.02	14.93	ppb
Lead	208-1	0.01	0.01	0.01	0.01	16.63	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.60	2.71	0.17	1.49	85.53	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:19:33	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.05	0.02	-0.01		ppb
Molybdenum	94-1	-0.04	0.00	0.01	-0.01		ppb
Molybdenum	95-1	-0.01	-0.02	-0.05	-0.03		ppb
Molybdenum	96-1	-0.06	-0.02	-0.01	-0.03		ppb
Molybdenum	97-1	0.09	0.00	-0.08	0.00	2034.30	ppb
Molybdenum	98-1	0.01	0.01	-0.02	0.00	2410.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.03	0.01	182.68	ppb
Phosphorus	31-2	-9.10	7.18	-9.10	-3.67		ppb
Potassium	39-2	15.83	3.86	24.76	14.82	70.79	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.14	0.85	-1.27	-0.09		ppb
Selenium	82-1	0.64	-0.22	-0.71	-0.10		ppb
Silicon	28-1	-7.99	-7.13	-8.29	-7.80		ppb
Silver	109-1	0.00	0.01	0.01	0.01	39.53	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	30.75	35.39	37.21	34.45	9.66	ppb
Strontium	86-1	-0.03	-0.01	0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	28.35	ppb
Sulfur	34-1	-768.01	-738.12	-1153.74	-886.62		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.04	0.02	0.04	44.68	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	22.25	ppb
Tin	118-1	0.08	0.11	0.12	0.10	21.48	ppb
Titanium	47-1	0.01	-0.06	0.01	-0.01		ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	38.84	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	-0.07	0.15	0.04	0.04	291.55	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:19:33	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.01	0.02	46.35	ppb
Zirconium	91-1	0.05	0.05	0.04	0.05	19.97	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:33:13	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92704.20	92546.67	83623.72	89624.86	5.80	ppb
Antimony	121-1	2.36	2.21	2.21	2.26	3.91	ppb
Arsenic	75-2	0.24	0.27	0.30	0.27	10.88	ppb
Barium	135-1	1.63	1.59	1.57	1.59	1.93	ppb
Barium	137-1	1.71	1.66	1.63	1.67	2.25	ppb
Beryllium	9-1	0.43	0.41	0.33	0.39	12.88	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	20.34	20.29	18.26	19.63	6.03	ppb
Boron	11-1	21.05	20.55	19.23	20.28	4.64	ppb
Cadmium	111-1	0.37	0.30	0.28	0.32	14.88	ppb
Cadmium	106-1	-0.57	0.31	-0.55	-0.27		ppb
Cadmium	108-1	8.49	8.37	8.54	8.47	1.04	ppb
Calcium	43-1	97002.99	95324.67	97267.56	96531.74	1.09	ppb
Calcium	44-1	94727.62	94739.17	94957.74	94808.18	0.14	ppb
Chromium	52-2	18.44	18.48	16.48	17.80	6.42	ppb
Cobalt	59-2	1.07	1.07	0.97	1.04	5.86	ppb
Copper	63-2	7.41	7.18	6.43	7.00	7.28	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				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	101715.97	101537.79	92442.87	98565.54	5.38	ppb
Iron	57-2	103854.41	103819.14	92749.05	100140.87	6.39	ppb
Krypton	83-1						cps
Lead	206-1	4.74	4.58	4.66	4.66	1.77	ppb
Lead	207-1	3.94	3.92	4.09	3.98	2.40	ppb
Lead	208-1	4.30	4.28	4.33	4.30	0.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	99146.42	98545.95	90842.50	96178.29	4.81	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:33:13	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.49	8.14	6.77	7.47	9.20	ppb
Molybdenum	94-1	1335.99	1317.98	1343.36	1332.44	0.98	ppb
Molybdenum	95-1	1877.59	1886.68	1892.10	1885.46	0.39	ppb
Molybdenum	96-1	1789.10	1802.53	1824.16	1805.26	0.98	ppb
Molybdenum	97-1	1885.89	1867.03	1902.08	1885.00	0.93	ppb
Molybdenum	98-1	1857.27	1863.89	1897.41	1872.86	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	4.77	4.62	4.91	7.73	ppb
Phosphorus	31-2	94640.27	92817.85	85317.52	90925.22	5.43	ppb
Potassium	39-2	101601.81	101695.77	92367.34	98554.97	5.44	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.27	0.20	0.12	-0.32		ppb
Selenium	82-1	0.01	-0.28	0.05	-0.07		ppb
Silicon	28-1	29.82	30.58	29.87	30.09	1.41	ppb
Silver	109-1	0.12	0.10	0.11	0.11	5.49	ppb
Silver	107-1	0.10	0.11	0.09	0.10	9.99	ppb
Sodium	23-2	100879.21	99895.12	91563.04	97445.79	5.25	ppb
Strontium	86-1	32.77	32.92	33.20	32.96	0.67	ppb
Strontium	88-1	33.77	33.78	34.20	33.92	0.73	ppb
Sulfur	34-1	79397.89	79743.18	80852.23	79997.77	0.95	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.32	0.26	0.24	0.27	14.26	ppb
Thallium	205-1	0.30	0.29	0.35	0.31	10.29	ppb
Tin	118-1	0.65	0.54	0.57	0.59	9.48	ppb
Titanium	47-1	1957.83	1968.41	1970.79	1965.68	0.35	ppb
Uranium	238-1	0.06	0.05	0.06	0.06	10.86	ppb
Vanadium	51-2	0.17	0.17	0.13	0.16	13.74	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	11.20	11.33	10.51	11.02	3.99	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:33:13	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.10	0.86	0.74	0.90	20.15	ppb
Zirconium	91-1	1.20	0.85	0.78	0.94	24.01	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:36:27	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88819.47	90458.99	87553.67	88944.04	1.64	ppb
Antimony	121-1	22.02	20.98	20.73	21.24	3.22	ppb
Arsenic	75-2	18.19	18.40	18.49	18.36	0.83	ppb
Barium	135-1	22.90	21.02	21.43	21.78	4.53	ppb
Barium	137-1	22.75	21.04	21.00	21.59	4.62	ppb
Beryllium	9-1	22.17	20.21	20.60	21.00	4.95	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	65.48	69.56	65.30	66.78	3.61	ppb
Boron	11-1	73.60	68.45	68.74	70.26	4.12	ppb
Cadmium	111-1	21.03	19.39	19.61	20.01	4.44	ppb
Cadmium	106-1	24.73	25.62	22.69	24.34	6.17	ppb
Cadmium	108-1	30.86	30.07	28.73	29.89	3.61	ppb
Calcium	43-1	103489.30	97005.43	96059.23	98851.32	4.09	ppb
Calcium	44-1	100761.13	95256.10	93902.00	96639.74	3.76	ppb
Chromium	52-2	36.86	37.59	37.06	37.17	1.02	ppb
Cobalt	59-2	18.93	19.38	19.24	19.18	1.21	ppb
Copper	63-2	24.94	25.79	24.93	25.22	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	97120.61	98834.89	96404.21	97453.24	1.28	ppb
Iron	57-2	100382.63	101768.26	99067.13	100406.01	1.35	ppb
Krypton	83-1						cps
Lead	206-1	25.55	24.82	24.39	24.92	2.36	ppb
Lead	207-1	23.57	22.24	21.90	22.57	3.90	ppb
Lead	208-1	24.49	23.38	23.24	23.70	2.88	ppb
Lithium	6-1				100		%
Magnesium	24-2	94643.19	96645.26	94549.18	95279.21	1.24	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:36:27	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.49	26.28	25.76	25.84	1.56	ppb
Molybdenum	94-1	1522.88	1433.16	1442.49	1466.18	3.36	ppb
Molybdenum	95-1	2072.94	1937.33	1911.73	1974.00	4.39	ppb
Molybdenum	96-1	1975.61	1843.54	1862.53	1893.90	3.77	ppb
Molybdenum	97-1	2080.00	1960.57	1931.85	1990.81	3.95	ppb
Molybdenum	98-1	2064.87	1930.31	1925.05	1973.41	4.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.91	24.70	23.53	24.05	2.48	ppb
Phosphorus	31-2	89567.09	90318.03	86505.42	88796.85	2.27	ppb
Potassium	39-2	96660.12	98522.70	96353.07	97178.63	1.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	13.55	9.00	9.01	10.52	24.91	ppb
Selenium	78-2	14.01	19.75	17.60	17.12	16.94	ppb
Selenium	82-1	20.08	19.78	20.24	20.03	1.17	ppb
Silicon	28-1	105.15	93.43	91.94	96.84	7.47	ppb
Silver	109-1	19.82	18.99	19.05	19.29	2.39	ppb
Silver	107-1	19.74	19.29	18.84	19.29	2.32	ppb
Sodium	23-2	96228.29	97186.01	95870.19	96428.16	0.71	ppb
Strontium	86-1	89.21	82.47	82.31	84.66	4.65	ppb
Strontium	88-1	92.05	87.03	86.40	88.49	3.50	ppb
Sulfur	34-1	86402.62	80873.48	78198.17	81824.75	5.11	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	21.40	20.04	19.89	20.44	4.08	ppb
Thallium	205-1	21.49	20.18	20.18	20.62	3.67	ppb
Tin	118-1	56.82	54.28	53.85	54.98	2.91	ppb
Titanium	47-1	2141.52	2016.86	2012.65	2057.01	3.56	ppb
Uranium	238-1	54.92	51.85	51.64	52.81	3.48	ppb
Vanadium	51-2	18.64	17.87	18.14	18.22	2.15	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	28.39	28.53	28.55	28.49	0.32	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:36:27	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.15	50.24	49.89	51.09	3.50	ppb
Zirconium	91-1	52.40	49.98	49.32	50.57	3.20	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:39:41	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50445.52	51740.00	50567.95	50917.82	1.40	ppb
Antimony	121-1	506.05	510.12	530.06	515.41	2.49	ppb
Arsenic	75-2	480.35	483.47	486.23	483.35	0.61	ppb
Barium	135-1	2589.76	2550.25	2683.21	2607.74	2.62	ppb
Barium	137-1	2562.00	2526.07	2645.01	2577.70	2.37	ppb
Beryllium	9-1	509.84	509.76	531.12	516.91	2.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	499.67	506.15	543.55	516.46	4.59	ppb
Boron	11-1	500.29	516.19	541.54	519.34	4.01	ppb
Cadmium	111-1	489.17	494.02	517.83	500.34	3.07	ppb
Cadmium	106-1	504.98	500.14	511.24	505.45	1.10	ppb
Cadmium	108-1	498.04	499.39	525.04	507.49	3.00	ppb
Calcium	43-1	250270.05	251651.42	263029.93	254983.80	2.75	ppb
Calcium	44-1	244229.72	247235.08	259399.12	250287.97	3.21	ppb
Chromium	52-2	494.60	498.32	499.97	497.63	0.55	ppb
Cobalt	59-2	469.78	476.69	473.89	473.46	0.73	ppb
Copper	63-2	933.15	946.72	931.35	937.08	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	125313.68	127274.53	126961.36	126516.52	0.83	ppb
Iron	57-2	129040.24	130646.26	127380.64	129022.38	1.27	ppb
Krypton	83-1						cps
Lead	206-1	521.54	510.84	544.88	525.75	3.31	ppb
Lead	207-1	515.57	513.92	546.75	525.41	3.52	ppb
Lead	208-1	519.04	512.95	548.08	526.69	3.56	ppb
Lithium	6-1				103		%
Magnesium	24-2	250155.91	252848.78	251093.68	251366.12	0.54	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:39:41	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	978.54	991.20	982.31	984.02	0.66	ppb
Molybdenum	94-1	2526.63	2545.42	2654.66	2575.57	2.68	ppb
Molybdenum	95-1	2519.79	2532.60	2632.57	2561.65	2.41	ppb
Molybdenum	96-1	2512.33	2507.72	2633.98	2551.34	2.81	ppb
Molybdenum	97-1	2527.55	2529.88	2611.77	2556.40	1.88	ppb
Molybdenum	98-1	2531.45	2528.34	2602.26	2554.02	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.62	489.15	481.49	483.42	1.05	ppb
Phosphorus	31-2	9258.80	9746.18	10488.13	9831.04	6.30	ppb
Potassium	39-2	128831.61	128994.41	127451.51	128425.84	0.66	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	551.23	580.71	514.02	548.65	6.09	ppb
Selenium	78-2	546.11	488.41	524.64	519.72	5.61	ppb
Selenium	82-1	493.33	495.56	515.67	501.52	2.45	ppb
Silicon	28-1	532.82	545.94	574.59	551.12	3.88	ppb
Silver	109-1	508.65	511.79	524.22	514.89	1.60	ppb
Silver	107-1	506.89	504.80	527.77	513.15	2.48	ppb
Sodium	23-2	250748.39	252664.87	250164.04	251192.43	0.52	ppb
Strontium	86-1	493.54	496.03	516.88	502.15	2.55	ppb
Strontium	88-1	499.86	502.03	529.47	510.46	3.23	ppb
Sulfur	34-1	9592.09	10020.54	10998.84	10203.82	7.07	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	517.04	518.13	540.36	525.18	2.51	ppb
Thallium	205-1	513.26	508.92	540.07	520.75	3.24	ppb
Tin	118-1	507.69	512.54	543.69	521.31	3.75	ppb
Titanium	47-1	2556.50	2581.97	2700.91	2613.13	2.95	ppb
Uranium	238-1	518.60	518.16	542.05	526.27	2.60	ppb
Vanadium	51-2	488.52	497.40	492.39	492.77	0.90	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	937.86	951.98	936.15	942.00	0.92	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:39:41	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.22	507.47	527.00	514.23	2.15	ppb
Zirconium	91-1	501.69	502.60	524.72	509.67	2.56	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:42:48	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.13	29.33	24.50	25.65	12.69	ppb
Antimony	121-1	3.75	3.46	3.57	3.59	4.03	ppb
Arsenic	75-2	0.72	0.75	0.87	0.78	10.45	ppb
Barium	135-1	10.55	9.77	9.77	10.03	4.47	ppb
Barium	137-1	10.39	10.15	10.17	10.24	1.31	ppb
Beryllium	9-1	1.15	1.12	1.08	1.12	2.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	42.52	44.06	41.36	42.65	3.18	ppb
Boron	11-1	43.72	42.16	43.41	43.10	1.91	ppb
Cadmium	111-1	1.09	0.98	1.19	1.09	10.02	ppb
Cadmium	106-1	0.70	0.05	2.71	1.15	120.37	ppb
Cadmium	108-1	1.12	1.07	1.40	1.19	14.96	ppb
Calcium	43-1	519.81	511.90	526.26	519.32	1.38	ppb
Calcium	44-1	527.20	502.92	523.95	518.02	2.54	ppb
Chromium	52-2	2.01	1.96	1.95	1.97	1.54	ppb
Cobalt	59-2	0.92	0.88	0.96	0.92	4.48	ppb
Copper	63-2	1.91	1.95	1.94	1.94	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	62.51	59.07	57.67	59.75	4.17	ppb
Iron	57-2	59.44	56.64	64.37	60.15	6.51	ppb
Krypton	83-1						cps
Lead	206-1	1.11	1.06	1.10	1.09	2.48	ppb
Lead	207-1	1.12	1.07	1.13	1.11	3.14	ppb
Lead	208-1	1.10	1.07	1.09	1.09	1.58	ppb
Lithium	6-1				106		%
Magnesium	24-2	479.81	499.04	486.66	488.50	2.00	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:42:48	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.90	0.84	1.27	1.00	23.27	ppb
Molybdenum	94-1	6.76	6.53	6.56	6.62	1.93	ppb
Molybdenum	95-1	6.58	6.05	6.34	6.32	4.21	ppb
Molybdenum	96-1	6.40	5.77	6.17	6.12	5.25	ppb
Molybdenum	97-1	6.40	6.13	6.10	6.21	2.65	ppb
Molybdenum	98-1	6.30	6.01	6.11	6.14	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	0.97	0.98	1.05	12.48	ppb
Phosphorus	31-2	24.97	-9.10	25.20	13.69	144.15	ppb
Potassium	39-2	496.18	515.13	473.25	494.86	4.24	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.82	2.43	3.16	3.14	22.11	ppb
Selenium	82-1	3.99	5.94	5.08	5.00	19.55	ppb
Silicon	28-1	13.49	10.28	14.41	12.73	17.04	ppb
Silver	109-1	1.21	1.02	1.12	1.12	8.74	ppb
Silver	107-1	1.15	1.09	1.14	1.13	2.91	ppb
Sodium	23-2	588.69	597.88	577.34	587.97	1.75	ppb
Strontium	86-1	1.09	1.06	1.02	1.06	3.18	ppb
Strontium	88-1	1.14	1.09	1.12	1.12	2.11	ppb
Sulfur	34-1	-690.94	-857.35	-353.57	-633.95		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1.28	1.17	1.19	1.21	4.76	ppb
Thallium	205-1	1.27	1.21	1.24	1.24	2.35	ppb
Tin	118-1	5.77	5.45	5.90	5.71	4.13	ppb
Titanium	47-1	5.78	5.46	5.85	5.70	3.72	ppb
Uranium	238-1	1.03	1.03	1.05	1.04	1.24	ppb
Vanadium	51-2	4.51	4.61	4.42	4.52	2.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1.83	2.38	2.14	2.12	12.90	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:42:48	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.59	1.54	1.56	1.56	1.80	ppb
Zirconium	91-1	1.72	1.65	1.49	1.62	7.54	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:46:08	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.15	0.85	2.10	3.37	99.15	ppb
Antimony	121-1	0.54	0.49	0.42	0.48	12.81	ppb
Arsenic	75-2	-0.02	-0.05	-0.05	-0.04		ppb
Barium	135-1	0.02	0.06	0.03	0.04	61.56	ppb
Barium	137-1	0.02	0.04	0.04	0.03	27.99	ppb
Beryllium	9-1	0.04	0.03	0.06	0.04	40.29	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	12.08	8.98	9.97	10.35	15.30	ppb
Boron	11-1	11.22	10.99	10.08	10.77	5.58	ppb
Cadmium	111-1	-0.03	-0.14	-0.04	-0.07		ppb
Cadmium	106-1	-0.51	-2.13	-0.64	-1.10		ppb
Cadmium	108-1	-0.12	-0.16	-0.08	-0.12		ppb
Calcium	43-1	-1.55	-2.93	1.50	-0.99		ppb
Calcium	44-1	10.74	8.22	9.64	9.53	13.23	ppb
Chromium	52-2	0.03	-0.03	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	103.02	ppb
Copper	63-2	0.03	-0.02	0.01	0.01	331.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	3.80	2.96	2.96	3.24	15.00	ppb
Iron	57-2	5.10	2.23	3.82	3.72	38.68	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.06	0.09	31.29	ppb
Lead	207-1	0.08	0.09	0.08	0.08	10.90	ppb
Lead	208-1	0.10	0.09	0.07	0.08	18.58	ppb
Lithium	6-1				108		%
Magnesium	24-2	4.70	3.19	6.12	4.67	31.37	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:46:08	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.08	-0.07	-0.04		ppb
Molybdenum	94-1	0.37	0.43	0.32	0.37	15.07	ppb
Molybdenum	95-1	0.33	0.22	0.28	0.28	19.93	ppb
Molybdenum	96-1	0.31	0.30	0.24	0.28	12.04	ppb
Molybdenum	97-1	0.29	0.26	0.23	0.26	10.05	ppb
Molybdenum	98-1	0.37	0.30	0.23	0.30	23.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.06	0.04	-0.01		ppb
Phosphorus	31-2	-9.10	26.20	-9.10	2.67	763.82	ppb
Potassium	39-2	47.47	36.62	13.65	32.58	53.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	4.70	0.00	1.57	173.21	ppb
Selenium	78-2	-1.27	0.25	-0.51	-0.51		ppb
Selenium	82-1	-0.05	0.47	0.41	0.28	102.51	ppb
Silicon	28-1	3.45	-0.83	1.26	1.29	165.93	ppb
Silver	109-1	0.03	0.02	0.03	0.03	17.04	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.10	ppb
Sodium	23-2	66.56	68.20	68.48	67.75	1.53	ppb
Strontium	86-1	-0.01	-0.04	-0.05	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	36.82	ppb
Sulfur	34-1	-15.40	-403.88	-205.45	-208.24		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.16	0.14	0.14	19.02	ppb
Thallium	205-1	0.12	0.13	0.13	0.12	6.07	ppb
Tin	118-1	0.50	0.52	0.45	0.49	7.21	ppb
Titanium	47-1	0.07	0.24	0.04	0.12	88.28	ppb
Uranium	238-1	0.01	0.00	0.01	0.00	87.45	ppb
Vanadium	51-2	0.01	-0.01	0.01	0.01	165.19	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.30	-0.45	-0.26	-0.34		ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:46:08	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.11	0.13	0.12	12.29	ppb
Zirconium	91-1	0.14	0.15	0.16	0.15	7.30	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:49:28	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.46	24.72	18.26	21.82	15.02	ppb
Antimony	121-1	2.11	2.11	2.01	2.08	2.75	ppb
Arsenic	75-2	1.17	0.64	0.81	0.87	30.73	ppb
Barium	135-1	10.05	9.18	9.60	9.61	4.54	ppb
Barium	137-1	9.42	9.11	9.28	9.27	1.67	ppb
Beryllium	9-1	1.09	0.94	1.09	1.04	8.30	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	10-1	28.63	30.72	28.55	29.30	4.20	ppb
Boron	11-1	29.07	30.34	29.62	29.68	2.15	ppb
Cadmium	111-1	0.98	0.96	0.87	0.94	6.32	ppb
Cadmium	106-1	0.62	0.28	-0.22	0.23	185.70	ppb
Cadmium	108-1	1.00	0.95	0.96	0.97	2.66	ppb
Calcium	43-1	453.47	457.60	472.01	461.03	2.11	ppb
Calcium	44-1	469.50	464.55	464.90	466.31	0.59	ppb
Chromium	52-2	2.10	1.84	1.92	1.95	6.60	ppb
Cobalt	59-2	0.91	0.94	0.94	0.93	1.93	ppb
Copper	63-2	1.84	1.83	1.86	1.84	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	51.36	52.08	52.78	52.07	1.37	ppb
Iron	57-2	49.09	59.89	47.51	52.17	12.92	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.98	0.99	0.99	0.82	ppb
Lead	207-1	0.95	0.89	0.91	0.92	3.63	ppb
Lead	208-1	0.96	0.95	0.97	0.96	1.34	ppb
Lithium	6-1				113		%
Magnesium	24-2	470.65	492.40	510.97	491.34	4.11	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:49:28	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.94	0.91	0.87	0.91	4.22	ppb
Molybdenum	94-1	5.17	4.88	4.95	5.00	3.00	ppb
Molybdenum	95-1	4.86	4.71	4.65	4.74	2.31	ppb
Molybdenum	96-1	4.63	4.74	4.98	4.78	3.78	ppb
Molybdenum	97-1	4.50	4.89	4.49	4.63	4.87	ppb
Molybdenum	98-1	4.88	4.84	4.78	4.83	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.93	1.05	0.99	6.00	ppb
Phosphorus	31-2	-9.10	7.46	-9.10	-3.58		ppb
Potassium	39-2	482.23	500.86	514.06	499.05	3.20	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	0.00	8.94	4.41	4.45	100.44	ppb
Selenium	78-2	3.70	3.05	3.00	3.25	12.05	ppb
Selenium	82-1	4.63	4.35	3.90	4.29	8.51	ppb
Silicon	28-1	7.05	6.36	7.43	6.95	7.85	ppb
Silver	109-1	1.02	0.94	1.07	1.01	6.82	ppb
Silver	107-1	0.99	1.03	1.02	1.01	1.96	ppb
Sodium	23-2	948.96	950.28	984.39	961.21	2.09	ppb
Strontium	86-1	0.94	0.93	1.13	1.00	11.47	ppb
Strontium	88-1	1.01	1.01	1.01	1.01	0.16	ppb
Sulfur	34-1	-1015.26	-1110.29	-1183.71	-1103.09		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	1.04	1.05	1.05	1.05	0.63	ppb
Thallium	205-1	1.01	1.01	1.01	1.01	0.37	ppb
Tin	118-1	5.27	5.07	5.19	5.18	1.95	ppb
Titanium	47-1	5.06	5.18	5.54	5.26	4.75	ppb
Uranium	238-1	0.93	0.94	0.96	0.95	1.68	ppb
Vanadium	51-2	4.63	4.33	4.39	4.45	3.55	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	2.41	1.93	2.17	2.17	11.13	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:49:28	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.21	1.15	1.12	1.16	3.68	ppb
Zirconium	91-1	1.17	1.19	1.22	1.19	2.07	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : PB110614BL Instrumnet Name : P8
 Client Sample ID : PB110614BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 14:52:48 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.15	2.95	3.01	3.04	3.33	ppb
Antimony	121-1	0.12	0.10	0.12	0.11	10.84	ppb
Arsenic	75-2	-0.09	-0.13	-0.09	-0.10		ppb
Barium	135-1	-0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.03	0.01	0.01	158.90	ppb
Beryllium	9-1	0.04	0.00	0.06	0.03	81.74	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	7.01	7.17	4.88	6.35	20.17	ppb
Boron	11-1	7.00	6.73	6.31	6.68	5.21	ppb
Cadmium	111-1	-0.03	0.02	-0.08	-0.03		ppb
Cadmium	106-1	-0.57	0.11	-1.36	-0.60		ppb
Cadmium	108-1	-0.16	-0.12	-0.12	-0.14		ppb
Calcium	43-1	-1.15	-7.82	-3.50	-4.16		ppb
Calcium	44-1	1.92	1.42	1.94	1.76	16.69	ppb
Chromium	52-2	-0.04	-0.03	-0.13	-0.07		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.01	0.00	-0.10	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	1.34	0.88	1.40	1.21	23.63	ppb
Iron	57-2	1.72	2.64	2.70	2.35	23.40	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.02	0.02	52.69	ppb
Lead	207-1	0.03	0.03	0.03	0.03	1.54	ppb
Lead	208-1	0.04	0.02	0.03	0.03	33.92	ppb
Lithium	6-1				113		%
Magnesium	24-2	1.70	1.69	1.28	1.56	15.62	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : PB110614BL Instrumnet Name : P8
 Client Sample ID : PB110614BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 14:52:48 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.07	-0.03	-0.03	-0.04		ppb
Molybdenum	94-1	0.00	-0.09	0.06	-0.01		ppb
Molybdenum	95-1	0.03	-0.01	0.00	0.01	347.35	ppb
Molybdenum	96-1	0.01	0.03	0.00	0.02	81.88	ppb
Molybdenum	97-1	-0.02	-0.02	0.04	0.00	75825.89	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	54.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	-0.02	-0.01		ppb
Phosphorus	31-2	8.13	7.56	-9.10	2.19	445.84	ppb
Potassium	39-2	27.50	8.46	14.39	16.79	58.04	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.96	0.89	-1.27	0.20	644.77	ppb
Selenium	82-1	0.11	-0.25	0.31	0.06	489.01	ppb
Silicon	28-1	-6.96	-8.58	-9.92	-8.49		ppb
Silver	109-1	0.02	0.01	0.01	0.01	36.95	ppb
Silver	107-1	0.46	0.02	0.01	0.16	157.17	ppb
Sodium	23-2	50.33	39.13	33.41	40.95	21.02	ppb
Strontium	86-1	0.01	0.01	0.03	0.02	65.38	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	49.26	ppb
Sulfur	34-1	-459.19	-681.77	-616.05	-585.67		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.06	0.03	0.05	32.13	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	8.10	ppb
Tin	118-1	0.08	0.31	0.10	0.16	76.29	ppb
Titanium	47-1	0.17	0.07	0.11	0.12	45.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	-0.17	-0.06	-0.30	-0.18		ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110614BL	Instrumnet Name :	P8
Client Sample ID :	PB110614BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:52:48	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.03	0.03	10.63	ppb
Zirconium	91-1	0.10	0.06	0.05	0.07	42.46	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110614BS	Instrumnet Name :	P8
Client Sample ID :	PB110614BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:56:09	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10114.85	10119.62	9984.34	10072.94	0.76	ppb
Antimony	121-1	497.97	503.24	500.54	500.58	0.53	ppb
Arsenic	75-2	473.91	468.30	470.23	470.81	0.61	ppb
Barium	135-1	2487.63	2537.23	2489.65	2504.83	1.12	ppb
Barium	137-1	2493.35	2499.49	2459.99	2484.27	0.86	ppb
Beryllium	9-1	477.24	470.83	474.06	474.04	0.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	455.62	454.44	473.81	461.29	2.35	ppb
Boron	11-1	449.76	461.43	467.99	459.73	2.01	ppb
Cadmium	111-1	494.10	497.32	495.48	495.63	0.33	ppb
Cadmium	106-1	492.86	494.18	495.74	494.26	0.29	ppb
Cadmium	108-1	496.69	506.12	495.05	499.29	1.20	ppb
Calcium	43-1	49519.23	49785.24	49885.25	49729.91	0.38	ppb
Calcium	44-1	49298.07	49534.77	49684.22	49505.69	0.39	ppb
Chromium	52-2	479.65	488.55	473.90	480.70	1.53	ppb
Cobalt	59-2	477.04	478.44	473.04	476.18	0.59	ppb
Copper	63-2	975.50	984.94	962.12	974.18	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	26295.82	26503.48	26252.48	26350.59	0.51	ppb
Iron	57-2	26248.85	26520.20	26051.63	26273.56	0.90	ppb
Krypton	83-1						cps
Lead	206-1	502.92	493.97	488.07	494.99	1.51	ppb
Lead	207-1	505.88	500.09	486.99	497.66	1.94	ppb
Lead	208-1	503.23	496.40	490.86	496.83	1.25	ppb
Lithium	6-1				116		%
Magnesium	24-2	52108.11	51546.29	51199.08	51617.83	0.89	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110614BS	Instrumnet Name :	P8
Client Sample ID :	PB110614BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:56:09	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	974.50	984.60	963.37	974.16	1.09	ppb
Molybdenum	94-1	2454.59	2450.54	2420.98	2442.04	0.75	ppb
Molybdenum	95-1	2457.62	2425.21	2422.13	2434.99	0.81	ppb
Molybdenum	96-1	2421.57	2428.79	2393.29	2414.55	0.78	ppb
Molybdenum	97-1	2445.28	2439.95	2413.60	2432.94	0.70	ppb
Molybdenum	98-1	2445.99	2440.76	2406.21	2430.99	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.35	486.64	480.39	482.46	0.75	ppb
Phosphorus	31-2	9517.39	9466.98	9217.50	9400.62	1.71	ppb
Potassium	39-2	25099.04	25410.01	24951.15	25153.40	0.93	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	516.17	417.77	453.01	462.32	10.78	ppb
Selenium	78-2	513.43	508.52	507.41	509.79	0.63	ppb
Selenium	82-1	488.09	490.90	485.62	488.20	0.54	ppb
Silicon	28-1	538.86	545.52	557.47	547.28	1.72	ppb
Silver	109-1	508.03	515.55	511.24	511.61	0.74	ppb
Silver	107-1	504.89	507.24	508.79	506.97	0.39	ppb
Sodium	23-2	51379.88	51521.11	50760.40	51220.46	0.79	ppb
Strontium	86-1	480.16	482.23	478.74	480.38	0.36	ppb
Strontium	88-1	491.43	490.96	486.03	489.47	0.61	ppb
Sulfur	34-1	9282.11	9264.94	9541.09	9362.71	1.65	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	500.22	494.43	486.26	493.63	1.42	ppb
Thallium	205-1	501.36	493.37	488.09	494.27	1.35	ppb
Tin	118-1	500.79	511.32	511.39	507.83	1.20	ppb
Titanium	47-1	2484.61	2518.81	2498.31	2500.58	0.69	ppb
Uranium	238-1	489.68	493.09	482.46	488.41	1.11	ppb
Vanadium	51-2	481.33	485.59	477.54	481.49	0.84	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	983.59	989.67	962.65	978.64	1.45	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110614BS	Instrumnet Name :	P8
Client Sample ID :	PB110614BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:56:09	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.54	490.75	483.86	489.71	1.11	ppb
Zirconium	91-1	486.10	487.17	479.97	484.42	0.80	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:59:19	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.65	54.69	50.79	61.04	23.77	ppb
Antimony	121-1	2.09	1.86	1.59	1.85	13.39	ppb
Arsenic	75-2	66.69	67.97	70.36	68.34	2.72	ppb
Barium	135-1	199.93	197.62	196.87	198.14	0.81	ppb
Barium	137-1	197.98	195.68	196.28	196.65	0.61	ppb
Beryllium	9-1	0.20	0.13	0.15	0.16	22.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	303.91	324.94	318.60	315.81	3.42	ppb
Boron	11-1	318.20	327.00	326.58	323.93	1.53	ppb
Cadmium	111-1	0.03	0.02	0.03	0.03	24.80	ppb
Cadmium	106-1	-1.03	-1.78	-0.83	-1.21		ppb
Cadmium	108-1	0.02	0.16	0.02	0.07	119.04	ppb
Calcium	43-1	192572.56	192640.25	188589.73	191267.51	1.21	ppb
Calcium	44-1	191583.91	189928.56	188883.34	190131.94	0.72	ppb
Chromium	52-2	2.63	2.84	2.69	2.72	3.89	ppb
Cobalt	59-2	0.45	0.46	0.45	0.45	1.18	ppb
Copper	63-2	0.70	0.60	0.67	0.66	7.67	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				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	19345.41	19456.54	19605.54	19469.16	0.67	ppb
Iron	57-2	19293.91	19308.21	19679.98	19427.37	1.13	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.79	0.71	0.79	8.97	ppb
Lead	207-1	0.72	0.73	0.68	0.71	3.69	ppb
Lead	208-1	0.79	0.75	0.71	0.75	4.91	ppb
Lithium	6-1				108		%
Magnesium	24-2	17863.88	17804.47	18311.51	17993.29	1.54	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:59:19	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	358.85	354.71	362.18	358.58	1.04	ppb
Molybdenum	94-1	2.52	2.19	1.96	2.22	12.64	ppb
Molybdenum	95-1	2.20	1.72	1.80	1.91	13.39	ppb
Molybdenum	96-1	2.12	1.96	1.79	1.96	8.40	ppb
Molybdenum	97-1	2.10	1.90	1.75	1.92	9.22	ppb
Molybdenum	98-1	2.02	1.83	1.64	1.83	10.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.77	2.97	2.89	2.88	3.46	ppb
Phosphorus	31-2	216.32	215.79	96.44	176.18	39.20	ppb
Potassium	39-2	4667.59	4710.18	4850.28	4742.68	2.02	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.94	-0.53	1.02	0.48	182.42	ppb
Selenium	82-1	1.39	0.74	0.99	1.04	31.34	ppb
Silicon	28-1	15551.38	15253.33	15133.42	15312.71	1.41	ppb
Silver	109-1	0.11	0.11	0.07	0.10	23.44	ppb
Silver	107-1	0.09	0.12	0.09	0.10	16.53	ppb
Sodium	23-2	82280.19	81870.07	83685.35	82611.87	1.15	ppb
Strontium	86-1	910.55	902.48	914.18	909.07	0.66	ppb
Strontium	88-1	912.72	908.86	908.61	910.06	0.25	ppb
Sulfur	34-1	21278.98	20990.02	24425.60	22231.53	8.57	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.24	0.18	0.21	12.37	ppb
Thallium	205-1	0.19	0.22	0.16	0.19	15.89	ppb
Tin	118-1	0.66	0.59	0.52	0.59	12.01	ppb
Titanium	47-1	2.10	2.02	2.01	2.04	2.46	ppb
Uranium	238-1	0.30	0.27	0.23	0.27	12.75	ppb
Vanadium	51-2	0.72	0.79	0.74	0.75	4.90	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	6.49	6.82	7.16	6.82	4.84	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:59:19	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.75	0.62	0.52	0.63	17.81	ppb
Zirconium	91-1	0.74	0.75	0.57	0.69	14.96	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01DUP Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618DI Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:02:37 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67.20	59.20	64.27	63.55	6.37	ppb
Antimony	121-1	0.66	0.62	0.61	0.63	3.87	ppb
Arsenic	75-2	65.02	67.53	66.75	66.43	1.93	ppb
Barium	135-1	200.60	199.47	204.48	201.52	1.30	ppb
Barium	137-1	199.95	198.13	204.97	201.02	1.76	ppb
Beryllium	9-1	0.10	0.09	0.07	0.09	16.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	319.78	320.21	324.45	321.48	0.80	ppb
Boron	11-1	322.80	322.97	349.64	331.81	4.66	ppb
Cadmium	111-1	0.01	-0.02	-0.13	-0.05		ppb
Cadmium	106-1	-0.58	-0.98	-1.92	-1.16		ppb
Cadmium	108-1	0.02	-0.12	0.17	0.02	631.72	ppb
Calcium	43-1	195103.02	193876.28	197286.27	195421.85	0.88	ppb
Calcium	44-1	192670.78	190806.30	192712.76	192063.28	0.57	ppb
Chromium	52-2	2.76	2.86	2.65	2.75	3.87	ppb
Cobalt	59-2	0.39	0.45	0.43	0.42	7.16	ppb
Copper	63-2	0.59	0.59	0.64	0.61	4.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	19404.31	19284.66	19406.66	19365.21	0.36	ppb
Iron	57-2	19497.54	19218.69	19576.00	19430.74	0.97	ppb
Krypton	83-1						cps
Lead	206-1	0.71	0.68	0.70	0.70	2.09	ppb
Lead	207-1	0.59	0.62	0.62	0.61	2.64	ppb
Lead	208-1	0.66	0.63	0.67	0.65	3.40	ppb
Lithium	6-1				107		%
Magnesium	24-2	18115.66	17715.71	17952.93	17928.10	1.12	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01DUP	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618DI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:02:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	357.49	356.36	359.20	357.68	0.40	ppb
Molybdenum	94-1	1.06	1.00	1.25	1.11	11.82	ppb
Molybdenum	95-1	0.75	0.84	0.81	0.80	5.37	ppb
Molybdenum	96-1	0.99	0.78	0.83	0.87	12.40	ppb
Molybdenum	97-1	0.90	0.69	0.84	0.81	13.28	ppb
Molybdenum	98-1	0.86	0.89	0.85	0.87	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.97	2.72	2.87	2.85	4.39	ppb
Phosphorus	31-2	127.97	126.05	126.84	126.95	0.76	ppb
Potassium	39-2	4845.93	4828.08	4752.58	4808.86	1.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.54	-0.54	0.94	-0.05		ppb
Selenium	82-1	1.41	0.86	1.58	1.28	29.33	ppb
Silicon	28-1	15604.58	15362.72	15527.29	15498.19	0.80	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.39	ppb
Silver	107-1	0.03	0.02	0.02	0.02	16.77	ppb
Sodium	23-2	82919.53	81087.93	82137.89	82048.45	1.12	ppb
Strontium	86-1	928.90	927.06	947.19	934.39	1.19	ppb
Strontium	88-1	929.23	921.62	948.69	933.18	1.50	ppb
Sulfur	34-1	21371.20	20568.37	21658.66	21199.41	2.67	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.05	0.07	0.08	40.01	ppb
Thallium	205-1	0.07	0.09	0.07	0.08	13.24	ppb
Tin	118-1	0.28	0.27	0.23	0.26	11.10	ppb
Titanium	47-1	2.11	1.90	1.20	1.74	27.47	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	1.07	ppb
Vanadium	51-2	0.75	0.72	0.72	0.73	2.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	6.54	6.37	7.17	6.69	6.29	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01DUP	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618DI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:02:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.36	0.30	0.33	0.33	8.82	ppb
Zirconium	91-1	0.39	0.40	0.43	0.41	5.20	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01LX5 Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618L Dilution Factor : 5
 Date & Time Acquired :: 2018-06-27 15:05:55 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.20	5.32	10.85	9.45	38.57	ppb
Antimony	121-1	0.24	0.21	0.18	0.21	13.13	ppb
Arsenic	75-2	13.17	11.74	13.49	12.80	7.27	ppb
Barium	135-1	42.29	38.56	36.86	39.24	7.08	ppb
Barium	137-1	41.57	38.93	37.81	39.43	4.89	ppb
Beryllium	9-1	0.08	0.05	0.07	0.06	23.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	79.37	76.67	73.73	76.59	3.69	ppb
Boron	11-1	80.89	74.60	76.99	77.49	4.10	ppb
Cadmium	111-1	-0.15	0.00	-0.03	-0.06		ppb
Cadmium	106-1	-2.18	-0.28	-0.70	-1.05		ppb
Cadmium	108-1	0.04	-0.05	-0.19	-0.07		ppb
Calcium	43-1	40371.51	36688.03	36665.35	37908.30	5.63	ppb
Calcium	44-1	39830.63	36712.26	36841.63	37794.84	4.67	ppb
Chromium	52-2	0.49	0.59	0.44	0.51	15.92	ppb
Cobalt	59-2	0.08	0.05	0.09	0.07	24.23	ppb
Copper	63-2	0.14	0.10	0.03	0.09	65.79	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				109		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	3847.57	3897.00	3720.01	3821.53	2.39	ppb
Iron	57-2	3774.89	3746.63	3670.87	3730.80	1.44	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.10	0.14	0.13	19.69	ppb
Lead	207-1	0.15	0.11	0.14	0.13	14.98	ppb
Lead	208-1	0.13	0.11	0.12	0.12	7.79	ppb
Lithium	6-1				107		%
Magnesium	24-2	3459.53	3461.76	3388.58	3436.62	1.21	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01LX5	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-27 15:05:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	71.15	69.94	66.91	69.33	3.15	ppb
Molybdenum	94-1	0.22	0.09	0.11	0.14	51.60	ppb
Molybdenum	95-1	0.20	0.12	0.07	0.13	51.48	ppb
Molybdenum	96-1	0.22	0.14	0.15	0.17	24.68	ppb
Molybdenum	97-1	0.24	0.11	0.16	0.17	36.99	ppb
Molybdenum	98-1	0.18	0.11	0.11	0.14	30.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.49	0.51	0.51	5.74	ppb
Phosphorus	31-2	24.26	7.67	40.23	24.05	67.69	ppb
Potassium	39-2	889.57	931.39	886.47	902.48	2.78	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-1.27	-1.27	-1.03		ppb
Selenium	82-1	0.05	-0.06	-0.09	-0.03		ppb
Silicon	28-1	3256.82	2939.35	2948.55	3048.24	5.93	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.36	ppb
Silver	107-1	0.01	0.02	0.01	0.01	47.02	ppb
Sodium	23-2	16011.70	16119.90	15669.92	15933.84	1.47	ppb
Strontium	86-1	189.88	172.01	170.45	177.45	6.08	ppb
Strontium	88-1	195.45	178.31	175.66	183.14	5.86	ppb
Sulfur	34-1	5527.39	4062.76	4075.96	4555.37	18.48	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.07	0.04	0.05	0.05	26.36	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	12.17	ppb
Tin	118-1	0.12	0.13	0.10	0.12	12.69	ppb
Titanium	47-1	0.47	0.25	0.36	0.36	31.85	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	8.81	ppb
Vanadium	51-2	0.15	0.13	0.12	0.13	11.28	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	1.40	1.61	1.37	1.46	9.09	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01LX5	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-27 15:05:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.04	0.05	0.06	38.58	ppb
Zirconium	91-1	0.09	0.09	0.06	0.08	23.77	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01MS	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618M	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:09:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9885.44	9585.22	9655.61	9708.76	1.62	ppb
Antimony	121-1	492.28	524.05	501.83	506.05	3.22	ppb
Arsenic	75-2	536.18	522.77	535.70	531.55	1.43	ppb
Barium	135-1	2644.83	2817.27	2714.71	2725.60	3.18	ppb
Barium	137-1	2639.57	2790.76	2702.79	2711.04	2.80	ppb
Beryllium	9-1	490.68	512.01	486.09	496.26	2.79	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	814.38	860.41	827.22	834.01	2.85	ppb
Boron	11-1	819.80	884.47	846.05	850.11	3.83	ppb
Cadmium	111-1	477.82	503.18	491.71	490.90	2.59	ppb
Cadmium	106-1	493.07	518.97	493.61	501.89	2.95	ppb
Cadmium	108-1	484.60	509.06	495.46	496.37	2.47	ppb
Calcium	43-1	246852.58	257095.82	246682.37	250210.26	2.38	ppb
Calcium	44-1	241188.79	253799.07	242185.59	245724.48	2.85	ppb
Chromium	52-2	469.22	464.62	464.37	466.07	0.59	ppb
Cobalt	59-2	461.83	459.28	457.73	459.61	0.45	ppb
Copper	63-2	912.48	903.00	919.40	911.62	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	44782.98	44316.34	44418.27	44505.86	0.55	ppb
Iron	57-2	45175.75	44310.06	44429.38	44638.40	1.05	ppb
Krypton	83-1						cps
Lead	206-1	491.27	523.51	502.11	505.63	3.24	ppb
Lead	207-1	481.30	503.92	480.02	488.41	2.75	ppb
Lead	208-1	486.69	518.24	489.97	498.30	3.48	ppb
Lithium	6-1				105		%
Magnesium	24-2	70211.86	68860.21	69554.39	69542.16	0.97	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01MS Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618M Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:09:13 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1313.99	1292.74	1289.15	1298.63	1.03	ppb
Molybdenum	94-1	2426.35	2571.14	2486.48	2494.66	2.92	ppb
Molybdenum	95-1	2444.47	2565.61	2472.71	2494.26	2.54	ppb
Molybdenum	96-1	2428.22	2527.53	2477.58	2477.78	2.00	ppb
Molybdenum	97-1	2461.59	2553.95	2473.99	2496.51	2.01	ppb
Molybdenum	98-1	2446.31	2586.41	2471.82	2501.51	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.82	468.05	463.95	466.27	0.45	ppb
Phosphorus	31-2	195.72	126.43	159.25	160.46	21.60	ppb
Potassium	39-2	29312.61	28914.75	28911.83	29046.40	0.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	484.16	525.48	495.59	501.75	4.25	ppb
Selenium	78-2	496.89	480.61	482.89	486.80	1.81	ppb
Selenium	82-1	482.67	512.72	489.58	494.99	3.18	ppb
Silicon	28-1	16339.72	17095.93	16229.29	16554.98	2.85	ppb
Silver	109-1	18.68	19.65	19.19	19.17	2.51	ppb
Silver	107-1	18.81	19.57	19.33	19.24	2.03	ppb
Sodium	23-2	134459.47	132849.91	131549.31	132952.90	1.10	ppb
Strontium	86-1	1439.80	1501.80	1440.85	1460.81	2.43	ppb
Strontium	88-1	1439.22	1503.93	1453.94	1465.70	2.31	ppb
Sulfur	34-1	21685.75	23631.14	20730.61	22015.83	6.71	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	498.49	529.70	501.57	509.92	3.37	ppb
Thallium	205-1	495.06	520.71	490.38	502.05	3.25	ppb
Tin	118-1	523.00	548.15	528.51	533.22	2.48	ppb
Titanium	47-1	2462.17	2589.41	2495.17	2515.59	2.62	ppb
Uranium	238-1	499.57	528.69	504.80	511.02	3.04	ppb
Vanadium	51-2	474.77	469.40	469.49	471.22	0.65	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	916.21	917.39	912.59	915.39	0.27	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01MS	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618M	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:09:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.74	518.20	497.89	503.61	2.53	ppb
Zirconium	91-1	489.98	513.02	498.48	500.49	2.33	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01MSD	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618M	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:12:23	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9885.65	9801.14	9998.75	9895.18	1.00	ppb
Antimony	121-1	529.35	494.82	498.23	507.46	3.75	ppb
Arsenic	75-2	544.71	537.93	536.87	539.84	0.79	ppb
Barium	135-1	2824.81	2663.63	2683.24	2723.89	3.23	ppb
Barium	137-1	2770.59	2620.49	2649.30	2680.13	2.97	ppb
Beryllium	9-1	512.44	486.59	494.71	497.91	2.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	855.01	848.21	868.36	857.19	1.20	ppb
Boron	11-1	872.58	851.35	879.14	867.69	1.67	ppb
Cadmium	111-1	506.71	483.11	482.16	490.66	2.83	ppb
Cadmium	106-1	516.73	484.42	475.12	492.09	4.44	ppb
Cadmium	108-1	523.33	488.82	498.67	503.61	3.53	ppb
Calcium	43-1	255918.33	243776.18	243613.86	247769.46	2.85	ppb
Calcium	44-1	254753.83	243212.17	241950.51	246638.84	2.86	ppb
Chromium	52-2	470.10	471.39	474.69	472.06	0.50	ppb
Cobalt	59-2	461.60	463.19	464.98	463.26	0.36	ppb
Copper	63-2	898.73	923.07	910.52	910.77	1.34	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				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	45292.65	45526.71	45029.07	45282.81	0.55	ppb
Iron	57-2	45183.83	45292.49	45520.09	45332.14	0.38	ppb
Krypton	83-1						cps
Lead	206-1	527.65	495.76	494.79	506.07	3.69	ppb
Lead	207-1	506.68	485.83	481.77	491.42	2.72	ppb
Lead	208-1	517.97	491.72	489.95	499.88	3.14	ppb
Lithium	6-1				105		%
Magnesium	24-2	69935.38	70632.11	70576.16	70381.21	0.55	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01MSD	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618M	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:12:23	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1313.78	1308.33	1307.43	1309.85	0.26	ppb
Molybdenum	94-1	2559.38	2452.46	2443.66	2485.17	2.59	ppb
Molybdenum	95-1	2565.86	2411.96	2444.61	2474.14	3.28	ppb
Molybdenum	96-1	2490.44	2408.54	2392.69	2430.55	2.16	ppb
Molybdenum	97-1	2532.07	2434.56	2425.72	2464.12	2.40	ppb
Molybdenum	98-1	2524.33	2429.98	2446.76	2467.03	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.97	470.91	471.89	469.92	0.55	ppb
Phosphorus	31-2	41.81	162.15	127.94	110.64	56.05	ppb
Potassium	39-2	29378.34	29515.44	29312.71	29402.17	0.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	442.78	498.01	522.47	487.75	8.37	ppb
Selenium	78-2	490.70	483.75	497.84	490.76	1.44	ppb
Selenium	82-1	510.86	488.21	481.60	493.55	3.11	ppb
Silicon	28-1	17046.39	16088.66	16161.50	16432.18	3.24	ppb
Silver	109-1	19.93	19.13	18.64	19.23	3.38	ppb
Silver	107-1	42.48	19.51	19.23	27.07	49.27	ppb
Sodium	23-2	132896.05	133265.07	132185.67	132782.26	0.41	ppb
Strontium	86-1	1494.67	1428.02	1420.16	1447.62	2.83	ppb
Strontium	88-1	1498.85	1439.83	1432.32	1457.00	2.50	ppb
Sulfur	34-1	22686.20	21198.81	20675.62	21520.21	4.85	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	533.89	501.53	502.51	512.65	3.59	ppb
Thallium	205-1	524.63	505.49	498.44	509.52	2.66	ppb
Tin	118-1	539.84	519.81	522.32	527.32	2.07	ppb
Titanium	47-1	2592.27	2428.29	2429.59	2483.38	3.80	ppb
Uranium	238-1	531.96	509.27	506.95	516.06	2.68	ppb
Vanadium	51-2	478.75	478.53	479.71	479.00	0.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	918.61	921.62	930.65	923.63	0.68	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01MSD	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618M	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:12:23	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.93	493.77	500.06	503.92	2.49	ppb
Zirconium	91-1	512.84	490.39	494.66	499.29	2.39	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01A Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618A Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:15:34 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9869.58	9820.30	9951.06	9880.31	0.67	ppb
Antimony	121-1	513.54	491.29	499.55	501.46	2.24	ppb
Arsenic	75-2	541.89	534.30	539.32	538.50	0.72	ppb
Barium	135-1	2753.79	2687.20	2718.58	2719.86	1.22	ppb
Barium	137-1	2736.04	2641.95	2661.48	2679.82	1.85	ppb
Beryllium	9-1	507.71	494.77	495.84	499.44	1.44	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	879.85	856.12	863.09	866.35	1.41	ppb
Boron	11-1	883.95	875.26	883.86	881.02	0.57	ppb
Cadmium	111-1	495.57	478.48	489.79	487.94	1.78	ppb
Cadmium	106-1	495.74	472.56	505.74	491.35	3.46	ppb
Cadmium	108-1	505.42	486.89	491.72	494.68	1.94	ppb
Calcium	43-1	250827.23	243471.18	244380.48	246226.30	1.63	ppb
Calcium	44-1	250056.15	241670.66	242427.23	244718.01	1.90	ppb
Chromium	52-2	469.87	467.14	471.61	469.54	0.48	ppb
Cobalt	59-2	465.85	461.17	463.07	463.36	0.51	ppb
Copper	63-2	908.02	902.99	921.74	910.92	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	44901.72	44812.20	44846.44	44853.45	0.10	ppb
Iron	57-2	45121.17	45088.83	45029.46	45079.82	0.10	ppb
Krypton	83-1						cps
Lead	206-1	517.38	499.71	502.73	506.61	1.86	ppb
Lead	207-1	499.08	483.97	488.55	490.53	1.58	ppb
Lead	208-1	507.96	491.56	495.52	498.35	1.72	ppb
Lithium	6-1				104		%
Magnesium	24-2	70447.63	69787.28	70587.41	70274.11	0.61	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01A	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:15:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1314.49	1314.20	1306.49	1311.73	0.35	ppb
Molybdenum	94-1	2533.70	2471.13	2444.45	2483.09	1.84	ppb
Molybdenum	95-1	2499.48	2450.70	2432.39	2460.86	1.41	ppb
Molybdenum	96-1	2498.74	2418.83	2428.72	2448.76	1.78	ppb
Molybdenum	97-1	2526.09	2445.41	2435.82	2469.11	2.01	ppb
Molybdenum	98-1	2521.28	2437.06	2446.75	2468.36	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.42	468.15	470.65	469.41	0.27	ppb
Phosphorus	31-2	110.89	194.26	93.09	132.75	40.69	ppb
Potassium	39-2	29535.87	29096.70	29380.05	29337.54	0.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	560.61	549.12	443.21	517.65	12.50	ppb
Selenium	78-2	480.41	443.94	497.80	474.05	5.80	ppb
Selenium	82-1	505.78	486.22	491.94	494.65	2.03	ppb
Silicon	28-1	16647.96	16175.61	16168.02	16330.53	1.68	ppb
Silver	109-1	19.62	33.86	19.30	24.26	34.28	ppb
Silver	107-1	20.96	19.11	36.85	25.64	38.03	ppb
Sodium	23-2	133292.70	133582.20	131957.47	132944.12	0.65	ppb
Strontium	86-1	1485.73	1440.87	1426.02	1450.87	2.14	ppb
Strontium	88-1	1509.60	1440.69	1431.19	1460.49	2.93	ppb
Sulfur	34-1	21454.27	20771.59	21468.26	21231.38	1.88	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	521.96	506.02	501.64	509.87	2.10	ppb
Thallium	205-1	516.94	499.50	505.09	507.17	1.76	ppb
Tin	118-1	541.50	522.67	531.11	531.76	1.77	ppb
Titanium	47-1	2541.87	2433.51	2449.81	2475.06	2.36	ppb
Uranium	238-1	523.94	503.65	507.36	511.65	2.11	ppb
Vanadium	51-2	476.16	474.14	477.37	475.89	0.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	926.37	918.58	923.94	922.96	0.43	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01A	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:15:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.91	496.47	495.36	502.25	2.19	ppb
Zirconium	91-1	508.24	492.14	491.33	497.24	1.92	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW002-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:18:44	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.94	3.05	7.73	8.91	73.27	ppb
Antimony	121-1	0.28	0.28	0.23	0.27	10.56	ppb
Arsenic	75-2	14.60	13.87	15.50	14.66	5.55	ppb
Barium	135-1	119.12	119.25	119.91	119.43	0.35	ppb
Barium	137-1	119.79	118.10	118.84	118.91	0.71	ppb
Beryllium	9-1	0.22	0.19	0.23	0.21	8.23	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	391.67	404.53	398.04	398.08	1.62	ppb
Boron	11-1	393.95	406.14	413.82	404.64	2.48	ppb
Cadmium	111-1	0.11	-0.06	0.07	0.04	233.70	ppb
Cadmium	106-1	-0.01	-1.90	-0.24	-0.72		ppb
Cadmium	108-1	0.20	-0.12	0.06	0.05	357.89	ppb
Calcium	43-1	159827.30	161432.94	162168.15	161142.80	0.74	ppb
Calcium	44-1	157719.65	159632.63	160075.63	159142.64	0.79	ppb
Chromium	52-2	21.89	22.41	26.13	23.47	9.85	ppb
Cobalt	59-2	2.24	2.33	2.65	2.41	8.79	ppb
Copper	63-2	2.81	2.81	3.32	2.98	9.93	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				109		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	7517.44	7543.76	8516.43	7859.21	7.24	ppb
Iron	57-2	7363.66	7510.18	8459.87	7777.90	7.65	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.35	0.32	0.34	5.40	ppb
Lead	207-1	0.33	0.37	0.29	0.33	11.90	ppb
Lead	208-1	0.35	0.36	0.31	0.34	7.34	ppb
Lithium	6-1				105		%
Magnesium	24-2	12760.74	12875.90	14641.29	13425.98	7.85	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW002-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:18:44	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	660.83	664.62	753.40	692.95	7.56	ppb
Molybdenum	94-1	4.53	4.19	3.94	4.22	6.99	ppb
Molybdenum	95-1	4.96	4.77	4.62	4.79	3.59	ppb
Molybdenum	96-1	4.75	4.85	4.39	4.66	5.22	ppb
Molybdenum	97-1	5.08	4.73	4.63	4.81	4.94	ppb
Molybdenum	98-1	4.81	4.89	4.70	4.80	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.78	40.59	46.00	42.46	7.23	ppb
Phosphorus	31-2	-9.10	24.79	-9.10	2.20	889.77	ppb
Potassium	39-2	1484.40	1515.50	1725.00	1574.97	8.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	4.52	0.00	0.00	1.51	173.21	ppb
Selenium	78-2	0.19	0.95	-1.27	-0.04		ppb
Selenium	82-1	1.60	0.02	0.55	0.73	111.01	ppb
Silicon	28-1	12830.03	12957.64	13029.50	12939.06	0.78	ppb
Silver	109-1	0.03	0.04	0.04	0.04	9.75	ppb
Silver	107-1	0.04	0.03	0.03	0.03	5.77	ppb
Sodium	23-2	66827.88	67947.82	76640.85	70472.19	7.62	ppb
Strontium	86-1	683.06	703.65	674.64	687.11	2.17	ppb
Strontium	88-1	682.29	693.17	689.71	688.39	0.81	ppb
Sulfur	34-1	43260.60	45092.90	44353.93	44235.81	2.08	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.27	0.22	0.25	0.24	11.10	ppb
Thallium	205-1	0.27	0.28	0.27	0.27	3.02	ppb
Tin	118-1	0.58	0.56	0.48	0.54	10.10	ppb
Titanium	47-1	0.91	0.95	1.12	0.99	11.08	ppb
Uranium	238-1	0.61	0.62	0.59	0.61	3.27	ppb
Vanadium	51-2	1.85	1.81	1.94	1.87	3.64	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	4.94	4.66	5.93	5.18	12.86	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW002-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:18:44	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.64	0.57	0.50	0.57	11.94	ppb
Zirconium	91-1	0.64	0.58	0.53	0.58	9.48	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:22:01	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49296.57	50569.85	48492.01	49452.81	2.12	ppb
Antimony	121-1	487.38	490.00	493.13	490.17	0.59	ppb
Arsenic	75-2	465.96	480.82	466.62	471.13	1.78	ppb
Barium	135-1	2464.44	2489.21	2492.46	2482.04	0.62	ppb
Barium	137-1	2457.26	2469.68	2466.36	2464.43	0.26	ppb
Beryllium	9-1	502.31	481.41	489.58	491.10	2.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	516.54	516.00	537.28	523.27	2.32	ppb
Boron	11-1	521.32	518.27	528.24	522.61	0.98	ppb
Cadmium	111-1	472.40	482.46	476.65	477.17	1.06	ppb
Cadmium	106-1	478.43	480.39	475.89	478.24	0.47	ppb
Cadmium	108-1	483.83	486.96	476.41	482.40	1.12	ppb
Calcium	43-1	239014.82	241226.76	242889.57	241043.72	0.81	ppb
Calcium	44-1	239286.26	239599.16	240733.97	239873.13	0.32	ppb
Chromium	52-2	481.29	500.42	480.93	487.55	2.29	ppb
Cobalt	59-2	455.14	475.05	457.73	462.64	2.34	ppb
Copper	63-2	914.81	947.18	896.08	919.36	2.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	120748.85	125693.45	121041.88	122494.73	2.26	ppb
Iron	57-2	122823.31	128428.03	122764.06	124671.80	2.61	ppb
Krypton	83-1						cps
Lead	206-1	493.09	499.11	500.71	497.64	0.81	ppb
Lead	207-1	499.74	496.89	499.78	498.80	0.33	ppb
Lead	208-1	495.18	500.56	499.23	498.32	0.56	ppb
Lithium	6-1				106		%
Magnesium	24-2	243870.37	250793.50	239695.54	244786.47	2.29	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:22:01	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	936.92	983.16	949.61	956.56	2.50	ppb
Molybdenum	94-1	2447.17	2442.98	2457.36	2449.17	0.30	ppb
Molybdenum	95-1	2451.88	2453.18	2460.97	2455.34	0.20	ppb
Molybdenum	96-1	2429.33	2430.10	2466.65	2442.03	0.87	ppb
Molybdenum	97-1	2441.89	2452.59	2467.18	2453.89	0.52	ppb
Molybdenum	98-1	2452.85	2461.80	2455.79	2456.82	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.60	479.45	462.92	469.32	1.89	ppb
Phosphorus	31-2	9878.95	9135.15	9465.43	9493.18	3.93	ppb
Potassium	39-2	122957.77	127761.78	122443.83	124387.79	2.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	440.06	463.40	547.00	483.49	11.63	ppb
Selenium	78-2	500.77	484.72	494.23	493.24	1.64	ppb
Selenium	82-1	478.73	481.88	484.18	481.60	0.57	ppb
Silicon	28-1	613.17	621.64	665.33	633.38	4.42	ppb
Silver	109-1	487.19	497.67	483.83	489.56	1.47	ppb
Silver	107-1	479.75	488.79	481.47	483.34	0.99	ppb
Sodium	23-2	243741.07	251445.07	240932.45	245372.86	2.22	ppb
Strontium	86-1	481.43	479.52	489.53	483.49	1.10	ppb
Strontium	88-1	490.28	490.63	494.17	491.69	0.44	ppb
Sulfur	34-1	9334.64	9169.62	9526.43	9343.57	1.91	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	502.26	504.27	502.46	502.99	0.22	ppb
Thallium	205-1	490.72	499.73	496.01	495.49	0.91	ppb
Tin	118-1	490.93	504.52	495.23	496.90	1.40	ppb
Titanium	47-1	2498.54	2496.82	2507.69	2501.01	0.23	ppb
Uranium	238-1	495.26	503.76	497.71	498.91	0.88	ppb
Vanadium	51-2	472.38	490.07	475.61	479.35	1.97	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	906.21	948.82	911.76	922.26	2.51	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:22:01	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.89	496.15	498.09	496.38	0.32	ppb
Zirconium	91-1	487.31	483.06	491.99	487.45	0.92	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P8
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:25:10 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.48	-0.41	7.86	4.31	98.72	ppb
Antimony	121-1	1.63	1.42	1.29	1.45	12.10	ppb
Arsenic	75-2	-0.01	-0.04	-0.02	-0.02		ppb
Barium	135-1	0.37	0.31	0.22	0.30	24.70	ppb
Barium	137-1	0.32	0.28	0.29	0.30	7.46	ppb
Beryllium	9-1	0.26	0.14	0.22	0.21	28.32	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	33.19	30.09	28.42	30.57	7.91	ppb
Boron	11-1	33.21	31.81	31.09	32.03	3.37	ppb
Cadmium	111-1	-0.03	-0.05	0.05	-0.01		ppb
Cadmium	106-1	-1.49	-1.61	0.10	-1.00		ppb
Cadmium	108-1	-0.05	-0.09	0.05	-0.03		ppb
Calcium	43-1	30.22	21.97	22.96	25.05	17.99	ppb
Calcium	44-1	35.77	30.01	28.80	31.53	11.82	ppb
Chromium	52-2	-0.03	0.05	0.11	0.04	174.08	ppb
Cobalt	59-2	0.01	0.03	0.03	0.02	60.10	ppb
Copper	63-2	0.11	0.04	0.03	0.06	72.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	12.10	11.38	8.82	10.77	16.03	ppb
Iron	57-2	13.68	9.77	4.31	9.25	50.84	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.11	0.11	12.10	ppb
Lead	207-1	0.13	0.11	0.11	0.12	11.66	ppb
Lead	208-1	0.12	0.10	0.09	0.11	12.83	ppb
Lithium	6-1				110		%
Magnesium	24-2	19.80	18.93	14.52	17.75	15.96	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:25:10	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	0.05	0.02	162.67	ppb
Molybdenum	94-1	1.47	1.13	1.06	1.22	18.23	ppb
Molybdenum	95-1	1.30	1.15	1.08	1.18	9.48	ppb
Molybdenum	96-1	1.35	1.19	1.12	1.22	9.53	ppb
Molybdenum	97-1	1.37	1.18	1.01	1.19	15.30	ppb
Molybdenum	98-1	1.34	1.15	1.04	1.17	12.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.00	0.01	0.02	132.46	ppb
Phosphorus	31-2	-9.10	-9.10	-9.10	-9.10		ppb
Potassium	39-2	32.07	48.26	32.63	37.65	24.41	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	0.00	4.67	4.56	3.08	86.62	ppb
Selenium	78-2	-0.54	-1.27	-0.53	-0.78		ppb
Selenium	82-1	-0.03	0.48	0.46	0.30	95.06	ppb
Silicon	28-1	-0.28	-2.69	-1.91	-1.62		ppb
Silver	109-1	0.21	0.18	0.18	0.19	10.81	ppb
Silver	107-1	0.19	0.20	0.18	0.19	5.80	ppb
Sodium	23-2	113.24	112.36	98.07	107.89	7.89	ppb
Strontium	86-1	0.14	0.07	0.06	0.09	48.72	ppb
Strontium	88-1	0.10	0.07	0.06	0.08	25.77	ppb
Sulfur	34-1	-1064.01	-1259.85	-952.96	-1092.27		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.24	0.21	0.23	8.21	ppb
Thallium	205-1	0.22	0.22	0.21	0.22	2.65	ppb
Tin	118-1	0.69	0.58	0.54	0.60	12.98	ppb
Titanium	47-1	0.59	0.31	0.42	0.44	31.46	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	6.06	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	32.34	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	-0.35	-0.25	-0.02	-0.21		ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:25:10	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.23	0.22	0.22	2.24	ppb
Zirconium	91-1	0.29	0.27	0.21	0.26	15.95	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW174-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:28:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.58	10.77	7.17	11.17	37.78	ppb
Antimony	121-1	0.59	0.52	0.55	0.56	6.52	ppb
Arsenic	75-2	0.62	0.86	0.61	0.69	20.30	ppb
Barium	135-1	112.07	112.27	112.32	112.22	0.12	ppb
Barium	137-1	111.01	110.21	112.49	111.24	1.04	ppb
Beryllium	9-1	0.14	0.07	0.15	0.12	39.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	243.54	270.00	269.04	260.86	5.75	ppb
Boron	11-1	258.85	272.30	275.80	268.99	3.33	ppb
Cadmium	111-1	-0.17	-0.12	-0.11	-0.13		ppb
Cadmium	106-1	-2.55	-2.08	-1.87	-2.16		ppb
Cadmium	108-1	-0.01	-0.08	0.11	0.01	1579.58	ppb
Calcium	43-1	159519.19	157631.52	158559.80	158570.17	0.60	ppb
Calcium	44-1	154566.81	155224.44	155906.07	155232.44	0.43	ppb
Chromium	52-2	271.73	274.97	278.61	275.11	1.25	ppb
Cobalt	59-2	2.90	3.15	3.27	3.11	5.98	ppb
Copper	63-2	4.64	4.86	4.74	4.75	2.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	5128.42	5146.59	5269.08	5181.37	1.48	ppb
Iron	57-2	5116.97	5187.23	5244.13	5182.78	1.23	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.10	0.13	0.12	13.03	ppb
Lead	207-1	0.12	0.12	0.09	0.11	14.77	ppb
Lead	208-1	0.12	0.11	0.11	0.11	7.30	ppb
Lithium	6-1				104		%
Magnesium	24-2	11662.17	11902.03	11979.11	11847.77	1.40	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW174-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:28:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	31.80	32.51	32.97	32.43	1.83	ppb
Molybdenum	94-1	2.96	2.88	2.69	2.85	4.87	ppb
Molybdenum	95-1	2.31	2.39	2.32	2.34	2.01	ppb
Molybdenum	96-1	2.46	2.50	2.32	2.43	3.93	ppb
Molybdenum	97-1	2.18	2.57	2.42	2.39	8.18	ppb
Molybdenum	98-1	2.36	2.51	2.40	2.42	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	207.43	212.03	214.39	211.28	1.67	ppb
Phosphorus	31-2	114.87	115.80	-9.10	73.85	97.27	ppb
Potassium	39-2	2766.97	2705.33	2731.41	2734.57	1.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	4.77	0.00	1.59	173.21	ppb
Selenium	78-2	2.58	2.58	0.28	1.81	73.32	ppb
Selenium	82-1	2.73	3.61	3.04	3.13	14.29	ppb
Silicon	28-1	11257.16	11334.11	11117.31	11236.19	0.98	ppb
Silver	109-1	0.06	0.06	0.05	0.06	13.59	ppb
Silver	107-1	0.05	0.04	0.04	0.04	11.14	ppb
Sodium	23-2	54620.90	55177.86	55698.16	55165.64	0.98	ppb
Strontium	86-1	602.58	607.18	616.57	608.78	1.17	ppb
Strontium	88-1	605.57	613.76	627.98	615.77	1.84	ppb
Sulfur	34-1	23248.06	23137.52	22420.80	22935.46	1.96	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.14	0.13	0.13	14.74	ppb
Thallium	205-1	0.14	0.12	0.14	0.13	9.04	ppb
Tin	118-1	0.40	0.41	0.38	0.40	4.20	ppb
Titanium	47-1	0.63	0.49	0.38	0.50	24.64	ppb
Uranium	238-1	1.61	1.58	1.68	1.62	2.94	ppb
Vanadium	51-2	5.08	5.36	5.23	5.22	2.64	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	3.40	3.25	3.46	3.37	3.20	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW174-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:28:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.79	0.72	0.69	0.73	7.25	ppb
Zirconium	91-1	0.78	0.67	0.67	0.71	8.82	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW345-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:31:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63.04	47.29	50.31	53.55	15.61	ppb
Antimony	121-1	0.25	0.29	0.26	0.27	6.62	ppb
Arsenic	75-2	3.51	3.42	4.35	3.76	13.74	ppb
Barium	135-1	155.23	161.38	155.87	157.50	2.15	ppb
Barium	137-1	156.40	158.32	156.15	156.96	0.76	ppb
Beryllium	9-1	0.11	0.12	0.12	0.12	3.75	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	431.86	442.48	424.18	432.84	2.12	ppb
Boron	11-1	439.39	447.67	442.53	443.20	0.94	ppb
Cadmium	111-1	-0.12	-0.02	0.00	-0.05		ppb
Cadmium	106-1	-1.67	-0.81	-0.36	-0.94		ppb
Cadmium	108-1	0.09	-0.09	0.05	0.02	499.12	ppb
Calcium	43-1	233819.40	232019.20	229160.14	231666.25	1.01	ppb
Calcium	44-1	230568.55	227760.13	225694.85	228007.84	1.07	ppb
Chromium	52-2	1.87	1.79	1.75	1.80	3.30	ppb
Cobalt	59-2	1.78	1.73	1.81	1.77	2.20	ppb
Copper	63-2	0.40	0.42	0.35	0.39	8.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	7660.32	7590.21	7469.06	7573.20	1.28	ppb
Iron	57-2	7498.43	7570.42	7387.11	7485.32	1.23	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.26	0.26	0.26	0.47	ppb
Lead	207-1	0.24	0.23	0.22	0.23	3.95	ppb
Lead	208-1	0.25	0.24	0.24	0.24	2.50	ppb
Lithium	6-1				106		%
Magnesium	24-2	19201.22	19211.32	18803.83	19072.12	1.22	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW345-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:31:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	567.25	559.66	553.96	560.29	1.19	ppb
Molybdenum	94-1	1.05	1.01	0.93	1.00	6.07	ppb
Molybdenum	95-1	0.31	0.23	0.24	0.26	17.53	ppb
Molybdenum	96-1	0.35	0.28	0.30	0.31	11.81	ppb
Molybdenum	97-1	0.25	0.35	0.20	0.26	29.61	ppb
Molybdenum	98-1	0.29	0.30	0.27	0.29	6.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.46	11.41	11.15	11.34	1.44	ppb
Phosphorus	31-2	129.20	163.14	110.24	134.19	19.97	ppb
Potassium	39-2	2784.51	2852.66	2778.00	2805.06	1.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	0.00	4.55	0.00	1.52	173.21	ppb
Selenium	78-2	0.20	0.20	-0.53	-0.04		ppb
Selenium	82-1	0.86	0.97	0.84	0.89	7.37	ppb
Silicon	28-1	12032.21	11866.37	11718.55	11872.38	1.32	ppb
Silver	109-1	0.03	0.04	0.02	0.03	29.23	ppb
Silver	107-1	0.02	0.03	0.04	0.03	25.03	ppb
Sodium	23-2	82327.87	81970.11	81037.60	81778.53	0.81	ppb
Strontium	86-1	983.85	968.74	950.94	967.84	1.70	ppb
Strontium	88-1	993.32	972.34	952.59	972.75	2.09	ppb
Sulfur	34-1	36378.24	36014.01	36087.25	36159.83	0.53	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.08	0.11	0.09	30.51	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	7.04	ppb
Tin	118-1	0.19	0.20	0.19	0.19	4.19	ppb
Titanium	47-1	1.10	1.52	1.50	1.37	17.45	ppb
Uranium	238-1	2.12	2.21	2.15	2.16	2.23	ppb
Vanadium	51-2	0.39	0.41	0.40	0.40	2.20	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	5.97	5.41	6.30	5.89	7.69	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW345-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:31:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.67	0.58	0.55	0.60	10.31	ppb
Zirconium	91-1	0.52	0.63	0.57	0.57	9.40	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0449-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:35:04	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.95	34.08	43.29	40.11	13.03	ppb
Antimony	121-1	0.22	0.22	0.26	0.23	9.15	ppb
Arsenic	75-2	38.16	37.87	37.30	37.78	1.16	ppb
Barium	135-1	185.70	193.20	190.16	189.69	1.99	ppb
Barium	137-1	184.31	189.08	188.42	187.27	1.38	ppb
Beryllium	9-1	0.04	0.09	0.11	0.08	41.04	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	316.75	328.34	340.64	328.58	3.64	ppb
Boron	11-1	338.31	337.26	342.50	339.36	0.82	ppb
Cadmium	111-1	-0.05	0.01	0.06	0.01	725.54	ppb
Cadmium	106-1	-0.77	-0.36	0.30	-0.28		ppb
Cadmium	108-1	0.22	0.02	-0.02	0.08	172.26	ppb
Calcium	43-1	195731.36	200895.79	201564.07	199397.07	1.60	ppb
Calcium	44-1	194157.72	197534.68	197349.35	196347.25	0.97	ppb
Chromium	52-2	1.62	1.68	1.78	1.69	4.69	ppb
Cobalt	59-2	0.39	0.46	0.38	0.41	10.55	ppb
Copper	63-2	0.34	0.29	0.32	0.32	7.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	15445.12	15179.88	15554.00	15393.00	1.25	ppb
Iron	57-2	15489.72	15323.05	15509.61	15440.79	0.66	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.45	0.45	0.44	3.92	ppb
Lead	207-1	0.43	0.42	0.43	0.43	1.29	ppb
Lead	208-1	0.43	0.44	0.44	0.44	1.03	ppb
Lithium	6-1				108		%
Magnesium	24-2	18588.86	18248.74	18461.25	18432.95	0.93	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0449-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:35:04	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	370.80	359.49	372.06	367.45	1.88	ppb
Molybdenum	94-1	0.77	0.87	0.80	0.81	6.15	ppb
Molybdenum	95-1	0.68	0.57	0.63	0.63	8.76	ppb
Molybdenum	96-1	0.67	0.73	0.63	0.67	7.54	ppb
Molybdenum	97-1	0.54	0.66	0.64	0.61	10.88	ppb
Molybdenum	98-1	0.57	0.72	0.68	0.66	11.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.49	2.47	2.71	2.56	5.13	ppb
Phosphorus	31-2	112.64	25.27	183.60	107.17	74.00	ppb
Potassium	39-2	4897.26	4896.15	4915.20	4902.87	0.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	4.59	0.00	0.00	1.53	173.21	ppb
Selenium	78-2	0.21	0.21	0.24	0.22	6.49	ppb
Selenium	82-1	0.45	0.68	1.20	0.78	49.79	ppb
Silicon	28-1	15018.98	15302.10	15322.70	15214.59	1.12	ppb
Silver	109-1	0.03	0.01	0.02	0.02	37.35	ppb
Silver	107-1	0.02	0.02	0.04	0.02	58.84	ppb
Sodium	23-2	84226.21	84033.50	84423.09	84227.60	0.23	ppb
Strontium	86-1	930.68	974.32	938.36	947.78	2.46	ppb
Strontium	88-1	935.75	955.70	937.54	943.00	1.17	ppb
Sulfur	34-1	22060.29	22008.67	22415.94	22161.63	1.00	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.06	0.08	0.07	12.57	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	11.76	ppb
Tin	118-1	0.17	0.17	0.16	0.16	3.28	ppb
Titanium	47-1	0.80	1.07	0.98	0.95	14.59	ppb
Uranium	238-1	0.17	0.17	0.17	0.17	1.24	ppb
Vanadium	51-2	0.37	0.35	0.30	0.34	11.11	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	5.31	4.49	4.62	4.81	9.14	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0449-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:35:04	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.29	0.28	0.27	0.28	4.06	ppb
Zirconium	91-1	0.31	0.32	0.26	0.29	10.75	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-06	Instrumnet Name :	P8
Client Sample ID :	WP021MW352-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:38:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.95	3.18	8.03	6.05	42.04	ppb
Antimony	121-1	0.12	0.11	0.09	0.10	14.79	ppb
Arsenic	75-2	0.12	0.18	0.28	0.19	42.58	ppb
Barium	135-1	19.18	18.73	18.77	18.89	1.31	ppb
Barium	137-1	18.22	18.42	18.29	18.31	0.56	ppb
Beryllium	9-1	0.09	0.06	0.05	0.07	28.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	1581.60	1618.52	1671.62	1623.92	2.79	ppb
Boron	11-1	1640.17	1694.17	1729.43	1687.93	2.66	ppb
Cadmium	111-1	0.13	-0.03	0.08	0.06	138.13	ppb
Cadmium	106-1	1.26	-1.01	0.42	0.23	506.05	ppb
Cadmium	108-1	-0.02	-0.05	-0.05	-0.04		ppb
Calcium	43-1	343875.31	348905.78	349764.34	347515.14	0.92	ppb
Calcium	44-1	339996.54	343897.12	348131.47	344008.38	1.18	ppb
Chromium	52-2	0.74	0.82	0.61	0.72	14.24	ppb
Cobalt	59-2	0.20	0.13	0.19	0.18	21.52	ppb
Copper	63-2	0.16	0.21	0.21	0.19	14.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	205.98	203.16	204.03	204.39	0.71	ppb
Iron	57-2	206.35	204.66	235.32	215.44	8.00	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.20	0.14	0.16	21.86	ppb
Lead	207-1	0.16	0.15	0.17	0.16	6.57	ppb
Lead	208-1	0.15	0.16	0.16	0.15	4.69	ppb
Lithium	6-1				107		%
Magnesium	24-2	59052.48	58914.95	58625.03	58864.16	0.37	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-06	Instrumnet Name :	P8
Client Sample ID :	WP021MW352-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:38:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	62.89	61.25	62.95	62.37	1.55	ppb
Molybdenum	94-1	0.33	0.38	0.31	0.34	11.86	ppb
Molybdenum	95-1	0.06	0.06	0.07	0.06	9.00	ppb
Molybdenum	96-1	0.14	0.08	0.13	0.11	28.28	ppb
Molybdenum	97-1	0.08	0.04	0.07	0.06	27.46	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	8.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.63	1.76	1.61	1.67	4.95	ppb
Phosphorus	31-2	-9.10	25.56	8.30	8.25	209.94	ppb
Potassium	39-2	6489.07	6296.41	6260.93	6348.80	1.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	9.24	0.00	0.00	3.08	173.21	ppb
Selenium	78-2	3.94	0.25	1.75	1.98	93.79	ppb
Selenium	82-1	4.53	3.99	5.59	4.71	17.29	ppb
Silicon	28-1	21758.79	21942.75	21974.21	21891.92	0.53	ppb
Silver	109-1	0.05	0.04	0.05	0.04	15.35	ppb
Silver	107-1	0.04	0.04	0.06	0.05	18.39	ppb
Sodium	23-2	220398.52	217223.48	215766.65	217796.21	1.09	ppb
Strontium	86-1	2669.08	2713.00	2724.83	2702.30	1.09	ppb
Strontium	88-1	2741.37	2747.45	2776.80	2755.20	0.69	ppb
Sulfur	34-1	181607.79	183213.49	184508.97	183110.08	0.79	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.08	0.03	0.06	37.78	ppb
Thallium	205-1	0.07	0.05	0.06	0.06	19.32	ppb
Tin	118-1	0.23	0.20	0.26	0.23	12.83	ppb
Titanium	47-1	1.15	1.17	1.21	1.18	2.59	ppb
Uranium	238-1	6.70	6.86	6.91	6.82	1.61	ppb
Vanadium	51-2	0.22	0.23	0.23	0.23	3.99	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	5.74	5.33	5.29	5.45	4.56	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-06	Instrumnet Name :	P8
Client Sample ID :	WP021MW352-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:38:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.20	0.22	0.21	5.08	ppb
Zirconium	91-1	0.22	0.23	0.27	0.24	10.91	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-07 Instrumnet Name : P8
 Client Sample ID : WP021MW038-180619 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:41:39 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.49	6.89	-0.40	5.66	98.03	ppb
Antimony	121-1	0.09	0.12	0.12	0.11	15.65	ppb
Arsenic	75-2	58.82	59.41	61.12	59.79	2.00	ppb
Barium	135-1	91.79	95.48	95.75	94.34	2.35	ppb
Barium	137-1	92.55	95.78	95.08	94.47	1.80	ppb
Beryllium	9-1	0.12	0.16	0.06	0.11	44.32	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	459.19	463.00	461.99	461.39	0.43	ppb
Boron	11-1	470.58	474.95	479.31	474.95	0.92	ppb
Cadmium	111-1	-0.10	-0.11	0.05	-0.05		ppb
Cadmium	106-1	-1.58	-1.72	-0.30	-1.20		ppb
Cadmium	108-1	-0.16	0.05	-0.09	-0.07		ppb
Calcium	43-1	183355.24	187449.00	186632.20	185812.15	1.17	ppb
Calcium	44-1	181877.27	184355.31	184625.18	183619.25	0.82	ppb
Chromium	52-2	4.44	4.53	4.18	4.38	4.10	ppb
Cobalt	59-2	1.16	1.12	1.20	1.16	3.08	ppb
Copper	63-2	0.19	0.12	0.19	0.17	23.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	20405.37	20400.70	20412.42	20406.16	0.03	ppb
Iron	57-2	20442.61	20528.54	20513.56	20494.91	0.22	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.20	0.21	0.20	1.51	ppb
Lead	207-1	0.18	0.18	0.20	0.18	5.37	ppb
Lead	208-1	0.18	0.19	0.19	0.19	3.00	ppb
Lithium	6-1				110		%
Magnesium	24-2	18688.23	18849.57	18825.34	18787.71	0.46	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-07	Instrumnet Name :	P8
Client Sample ID :	WP021MW038-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:41:39	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	930.10	939.08	935.99	935.06	0.49	ppb
Molybdenum	94-1	1.31	1.34	1.45	1.37	5.56	ppb
Molybdenum	95-1	1.36	1.32	1.34	1.34	1.72	ppb
Molybdenum	96-1	1.39	1.36	1.36	1.37	1.16	ppb
Molybdenum	97-1	1.36	1.33	1.38	1.36	1.87	ppb
Molybdenum	98-1	1.49	1.54	1.38	1.47	5.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.11	6.26	6.14	6.17	1.31	ppb
Phosphorus	31-2	43.30	25.95	43.25	37.50	26.67	ppb
Potassium	39-2	2645.83	2688.73	2691.57	2675.38	0.96	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	0.00	4.64	9.31	4.65	100.13	ppb
Selenium	78-2	0.96	0.23	-1.27	-0.03		ppb
Selenium	82-1	0.83	0.87	1.23	0.98	22.29	ppb
Silicon	28-1	16732.46	17109.12	17082.26	16974.61	1.24	ppb
Silver	109-1	0.03	0.02	0.03	0.03	16.26	ppb
Silver	107-1	0.03	0.02	0.03	0.03	32.28	ppb
Sodium	23-2	84427.97	84907.87	84697.72	84677.85	0.28	ppb
Strontium	86-1	888.92	910.62	909.83	903.12	1.36	ppb
Strontium	88-1	896.27	903.24	905.80	901.77	0.55	ppb
Sulfur	34-1	52853.52	54313.14	53679.35	53615.34	1.37	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.04	0.05	0.05	9.07	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	16.05	ppb
Tin	118-1	0.11	0.05	0.07	0.08	37.54	ppb
Titanium	47-1	0.53	0.60	0.57	0.56	6.02	ppb
Uranium	238-1	0.92	0.93	0.93	0.93	0.40	ppb
Vanadium	51-2	0.65	0.69	0.75	0.70	7.66	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	8.24	8.16	7.05	7.82	8.55	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-07	Instrumnet Name :	P8
Client Sample ID :	WP021MW038-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:41:39	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.25	0.25	0.25	1.95	ppb
Zirconium	91-1	0.31	0.25	0.27	0.27	11.12	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-08	Instrumnet Name :	P8
Client Sample ID :	WP021MW348-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:44:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.53	9.23	3.19	7.98	53.96	ppb
Antimony	121-1	0.10	0.08	0.10	0.09	12.38	ppb
Arsenic	75-2	0.13	0.22	0.21	0.19	25.04	ppb
Barium	135-1	75.23	76.86	76.53	76.21	1.14	ppb
Barium	137-1	75.77	77.05	75.72	76.18	0.99	ppb
Beryllium	9-1	0.07	0.05	0.09	0.07	27.66	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	277.03	286.38	285.21	282.87	1.80	ppb
Boron	11-1	294.06	293.72	292.81	293.53	0.22	ppb
Cadmium	111-1	1.29	1.06	1.26	1.20	10.15	ppb
Cadmium	106-1	1.69	-0.09	0.00	0.54	187.65	ppb
Cadmium	108-1	1.09	1.13	1.03	1.09	4.86	ppb
Calcium	43-1	174868.27	175932.83	170565.04	173788.71	1.64	ppb
Calcium	44-1	172106.48	174140.39	166987.65	171078.17	2.15	ppb
Chromium	52-2	0.66	0.56	0.70	0.64	11.47	ppb
Cobalt	59-2	1.34	1.37	1.39	1.37	1.62	ppb
Copper	63-2	12.61	12.65	12.83	12.70	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	172.48	174.54	170.61	172.54	1.14	ppb
Iron	57-2	162.69	189.43	176.44	176.19	7.59	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.07	0.06	0.08	24.17	ppb
Lead	207-1	0.08	0.09	0.08	0.08	10.57	ppb
Lead	208-1	0.08	0.08	0.07	0.08	4.88	ppb
Lithium	6-1				109		%
Magnesium	24-2	13066.54	13219.59	13258.45	13181.53	0.77	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-08	Instrumnet Name :	P8
Client Sample ID :	WP021MW348-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:44:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	707.64	713.31	713.46	711.47	0.47	ppb
Molybdenum	94-1	0.52	0.49	0.63	0.55	12.86	ppb
Molybdenum	95-1	0.66	0.59	0.54	0.60	9.81	ppb
Molybdenum	96-1	0.50	0.62	0.56	0.56	10.80	ppb
Molybdenum	97-1	0.60	0.52	0.53	0.55	7.65	ppb
Molybdenum	98-1	0.61	0.56	0.61	0.59	4.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.06	2.49	2.63	2.39	12.44	ppb
Phosphorus	31-2	25.43	25.69	60.29	37.14	53.99	ppb
Potassium	39-2	3990.94	3993.85	4046.36	4010.38	0.78	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.53	-1.27	-0.53	-0.78		ppb
Selenium	82-1	0.39	0.49	0.50	0.46	13.31	ppb
Silicon	28-1	8687.71	8675.17	8441.09	8601.32	1.61	ppb
Silver	109-1	0.02	0.02	0.03	0.02	19.76	ppb
Silver	107-1	0.02	0.01	0.02	0.02	20.36	ppb
Sodium	23-2	59578.75	60080.63	59912.44	59857.27	0.43	ppb
Strontium	86-1	857.11	848.41	837.63	847.72	1.15	ppb
Strontium	88-1	846.56	848.43	838.89	844.63	0.60	ppb
Sulfur	34-1	35088.18	34888.85	33131.75	34369.60	3.13	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.02	0.05	0.04	44.56	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	16.67	ppb
Tin	118-1	0.09	0.07	0.08	0.08	16.42	ppb
Titanium	47-1	0.80	0.86	0.91	0.86	6.12	ppb
Uranium	238-1	0.63	0.62	0.61	0.62	1.09	ppb
Vanadium	51-2	0.02	0.05	0.07	0.05	47.76	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	15.92	14.61	14.64	15.06	4.97	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-08	Instrumnet Name :	P8
Client Sample ID :	WP021MW348-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:44:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.12	0.11	0.12	12.61	ppb
Zirconium	91-1	0.16	0.14	0.17	0.16	9.07	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-09	Instrumnet Name :	P8
Client Sample ID :	WP021MW346-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:48:15	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.22	20.54	28.01	24.92	15.65	ppb
Antimony	121-1	0.12	0.10	0.10	0.11	8.12	ppb
Arsenic	75-2	11.39	10.31	11.43	11.04	5.77	ppb
Barium	135-1	205.89	201.47	195.03	200.79	2.72	ppb
Barium	137-1	202.58	199.02	195.02	198.88	1.90	ppb
Beryllium	9-1	0.12	0.10	0.10	0.11	12.20	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	298.48	279.09	284.14	287.23	3.50	ppb
Boron	11-1	301.56	297.02	296.20	298.26	0.97	ppb
Cadmium	111-1	0.38	0.36	0.46	0.40	13.59	ppb
Cadmium	106-1	0.06	-0.70	0.64	0.00	38829.07	ppb
Cadmium	108-1	0.49	0.50	0.49	0.49	1.46	ppb
Calcium	43-1	210310.12	207876.04	204663.41	207616.52	1.36	ppb
Calcium	44-1	207697.77	206208.73	203834.28	205913.59	0.95	ppb
Chromium	52-2	1.71	1.78	1.84	1.77	3.71	ppb
Cobalt	59-2	2.90	2.76	2.92	2.86	2.89	ppb
Copper	63-2	0.85	0.74	0.88	0.83	8.93	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				112		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	6759.98	6502.28	6641.32	6634.53	1.94	ppb
Iron	57-2	6688.80	6376.94	6507.55	6524.43	2.40	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.08	0.10	11.54	ppb
Lead	207-1	0.07	0.10	0.10	0.09	19.83	ppb
Lead	208-1	0.08	0.09	0.09	0.09	9.18	ppb
Lithium	6-1				110		%
Magnesium	24-2	17355.05	16446.46	17256.15	17019.22	2.93	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-09	Instrumnet Name :	P8
Client Sample ID :	WP021MW346-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:48:15	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	276.72	259.19	269.79	268.57	3.29	ppb
Molybdenum	94-1	1.00	1.01	1.01	1.01	0.34	ppb
Molybdenum	95-1	1.07	1.07	1.08	1.07	0.51	ppb
Molybdenum	96-1	1.03	0.96	1.09	1.03	6.10	ppb
Molybdenum	97-1	1.06	1.04	1.08	1.06	1.86	ppb
Molybdenum	98-1	1.08	1.07	1.10	1.08	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.69	3.90	3.70	3.76	3.23	ppb
Phosphorus	31-2	759.50	817.12	898.21	824.94	8.45	ppb
Potassium	39-2	16402.00	15606.33	16216.73	16075.02	2.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	4.57	1.52	173.21	ppb
Selenium	78-2	-1.27	-1.27	-0.53	-1.02		ppb
Selenium	82-1	0.81	1.43	2.68	1.64	58.06	ppb
Silicon	28-1	13524.95	13375.72	13177.23	13359.30	1.31	ppb
Silver	109-1	0.04	0.03	0.02	0.03	31.48	ppb
Silver	107-1	0.02	0.03	0.03	0.03	14.73	ppb
Sodium	23-2	58044.96	55215.69	57039.83	56766.83	2.53	ppb
Strontium	86-1	1105.17	1094.48	1069.18	1089.61	1.70	ppb
Strontium	88-1	1105.34	1097.02	1067.88	1090.08	1.80	ppb
Sulfur	34-1	21866.94	21454.53	20510.21	21277.22	3.27	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.04	0.04	0.04	9.29	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	6.41	ppb
Tin	118-1	0.10	0.12	0.10	0.11	11.80	ppb
Titanium	47-1	1.14	1.09	1.12	1.11	2.38	ppb
Uranium	238-1	1.90	1.89	1.83	1.87	1.87	ppb
Vanadium	51-2	0.93	1.02	0.87	0.94	7.81	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	2.34	2.71	3.21	2.75	15.98	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-09	Instrumnet Name :	P8
Client Sample ID :	WP021MW346-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:48:15	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.25	0.21	0.24	9.25	ppb
Zirconium	91-1	0.28	0.25	0.30	0.28	9.33	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-10	Instrumnet Name :	P8
Client Sample ID :	WP021MW173-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:51:33	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.11	4.81	11.78	6.24	79.99	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	10.16	ppb
Arsenic	75-2	16.06	17.42	15.75	16.41	5.40	ppb
Barium	135-1	73.14	73.27	73.52	73.31	0.27	ppb
Barium	137-1	72.88	73.10	74.02	73.33	0.83	ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	54.66	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	231.10	234.11	237.58	234.26	1.38	ppb
Boron	11-1	240.79	247.41	249.28	245.82	1.81	ppb
Cadmium	111-1	-0.13	-0.09	-0.12	-0.12		ppb
Cadmium	106-1	-1.95	-1.53	-1.51	-1.66		ppb
Cadmium	108-1	-0.09	-0.16	0.12	-0.04		ppb
Calcium	43-1	129655.06	131400.40	131584.93	130880.13	0.81	ppb
Calcium	44-1	127865.51	128739.48	127930.06	128178.35	0.38	ppb
Chromium	52-2	17.20	17.62	17.14	17.32	1.50	ppb
Cobalt	59-2	5.01	5.06	4.94	5.01	1.27	ppb
Copper	63-2	0.27	0.19	0.25	0.23	17.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	6458.48	6577.93	6307.13	6447.85	2.10	ppb
Iron	57-2	6360.97	6529.87	6225.78	6372.20	2.39	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.10	0.10	0.09	10.13	ppb
Lead	207-1	0.08	0.12	0.09	0.10	23.30	ppb
Lead	208-1	0.09	0.09	0.08	0.09	6.97	ppb
Lithium	6-1				111		%
Magnesium	24-2	12370.48	12858.42	12257.34	12495.41	2.56	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-10	Instrumnet Name :	P8
Client Sample ID :	WP021MW173-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:51:33	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	479.63	495.47	476.29	483.80	2.12	ppb
Molybdenum	94-1	0.95	1.00	1.00	0.98	2.97	ppb
Molybdenum	95-1	1.11	0.92	0.96	1.00	10.22	ppb
Molybdenum	96-1	0.98	0.91	0.97	0.95	4.04	ppb
Molybdenum	97-1	0.92	1.01	0.94	0.96	4.94	ppb
Molybdenum	98-1	1.03	1.02	1.00	1.02	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.93	6.88	6.27	6.69	5.49	ppb
Phosphorus	31-2	26.52	82.72	113.88	74.37	59.53	ppb
Potassium	39-2	2056.88	2199.26	2020.61	2092.25	4.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	4.62	1.54	173.21	ppb
Selenium	78-2	1.75	-0.49	0.22	0.49	232.07	ppb
Selenium	82-1	0.29	0.72	0.41	0.47	46.87	ppb
Silicon	28-1	12567.33	12598.92	12549.62	12571.96	0.20	ppb
Silver	109-1	0.04	0.02	0.02	0.03	30.13	ppb
Silver	107-1	0.02	0.01	0.03	0.02	36.88	ppb
Sodium	23-2	90938.50	94137.30	89274.27	91450.02	2.70	ppb
Strontium	86-1	684.93	694.63	691.89	690.48	0.72	ppb
Strontium	88-1	684.63	698.43	700.12	694.39	1.22	ppb
Sulfur	34-1	25651.56	25911.04	25576.91	25713.17	0.68	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.01	0.02	55.75	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	48.78	ppb
Tin	118-1	0.05	0.06	0.07	0.06	19.58	ppb
Titanium	47-1	0.40	0.57	0.71	0.56	28.54	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	5.73	ppb
Vanadium	51-2	0.58	0.81	0.66	0.68	17.73	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	4.78	4.09	4.66	4.51	8.12	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-10	Instrumnet Name :	P8
Client Sample ID :	WP021MW173-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:51:33	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.27	0.23	0.26	9.93	ppb
Zirconium	91-1	0.26	0.26	0.28	0.27	5.27	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3668-01 Instrumnet Name : P8
 Client Sample ID : WP021RW244-180620 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:54:50 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.58	16.42	14.14	16.38	13.55	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	8.50	ppb
Arsenic	75-2	3.89	3.73	4.58	4.07	11.09	ppb
Barium	135-1	163.28	164.75	170.53	166.19	2.31	ppb
Barium	137-1	160.04	165.08	168.45	164.53	2.57	ppb
Beryllium	9-1	-0.01	0.04	0.05	0.03	118.38	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	311.61	318.40	320.75	316.92	1.50	ppb
Boron	11-1	318.22	327.54	335.63	327.13	2.66	ppb
Cadmium	111-1	0.03	0.01	-0.04	0.00		ppb
Cadmium	106-1	-0.76	-0.66	-1.34	-0.92		ppb
Cadmium	108-1	-0.13	-0.02	0.09	-0.02		ppb
Calcium	43-1	168205.55	170244.45	170877.14	169775.71	0.82	ppb
Calcium	44-1	167142.24	167779.83	169991.00	168304.36	0.89	ppb
Chromium	52-2	0.52	0.60	0.70	0.61	14.92	ppb
Cobalt	59-2	2.50	2.40	2.44	2.45	2.03	ppb
Copper	63-2	0.22	0.12	0.17	0.17	27.72	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				114		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	3600.45	3611.23	3691.35	3634.35	1.37	ppb
Iron	57-2	3489.55	3579.51	3692.99	3587.35	2.84	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.32	0.38	0.34	10.16	ppb
Lead	207-1	0.29	0.30	0.30	0.30	2.18	ppb
Lead	208-1	0.28	0.30	0.35	0.31	10.71	ppb
Lithium	6-1				112		%
Magnesium	24-2	12281.80	12436.98	12614.43	12444.40	1.34	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW244-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:54:50	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	600.44	605.23	607.03	604.23	0.56	ppb
Molybdenum	94-1	0.51	0.52	0.55	0.53	3.13	ppb
Molybdenum	95-1	0.58	0.54	0.52	0.54	5.36	ppb
Molybdenum	96-1	0.50	0.47	0.42	0.46	7.67	ppb
Molybdenum	97-1	0.38	0.49	0.45	0.44	12.51	ppb
Molybdenum	98-1	0.47	0.53	0.54	0.52	7.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.71	4.74	5.02	4.82	3.53	ppb
Phosphorus	31-2	42.38	-9.10	60.84	31.37	115.53	ppb
Potassium	39-2	3197.80	3191.56	3254.80	3214.72	1.08	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	13.92	4.64	173.21	ppb
Selenium	78-2	-1.27	-1.27	0.98	-0.52		ppb
Selenium	82-1	0.21	0.94	0.69	0.62	59.79	ppb
Silicon	28-1	10722.43	10947.10	11048.21	10905.91	1.53	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.92	ppb
Silver	107-1	0.03	0.02	0.01	0.02	38.74	ppb
Sodium	23-2	57464.79	57756.61	59439.21	58220.20	1.83	ppb
Strontium	86-1	779.25	792.70	790.37	787.44	0.91	ppb
Strontium	88-1	775.80	792.20	788.50	785.50	1.10	ppb
Sulfur	34-1	21309.62	22058.05	22260.16	21875.94	2.29	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.04	0.05	0.04	25.52	ppb
Thallium	205-1	0.05	0.05	0.04	0.04	9.44	ppb
Tin	118-1	0.13	0.16	0.16	0.15	10.25	ppb
Titanium	47-1	0.69	0.64	0.53	0.62	12.65	ppb
Uranium	238-1	1.46	1.50	1.52	1.49	2.01	ppb
Vanadium	51-2	0.17	0.21	0.24	0.21	17.32	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	10.24	9.87	10.71	10.27	4.07	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW244-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:54:50	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.13	0.13	0.13	1.30	ppb
Zirconium	91-1	0.11	0.15	0.17	0.14	21.72	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW347-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79.97	80.61	99.73	86.77	12.94	ppb
Antimony	121-1	0.25	0.22	0.21	0.23	7.35	ppb
Arsenic	75-2	1.36	1.26	1.45	1.35	6.91	ppb
Barium	135-1	288.98	280.70	286.58	285.42	1.49	ppb
Barium	137-1	287.64	279.26	282.20	283.03	1.50	ppb
Beryllium	9-1	0.02	0.03	0.06	0.04	54.58	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	472.40	474.69	486.26	477.78	1.56	ppb
Boron	11-1	493.43	497.53	495.72	495.56	0.41	ppb
Cadmium	111-1	0.83	0.72	0.84	0.80	8.47	ppb
Cadmium	106-1	-0.26	-1.36	0.69	-0.31		ppb
Cadmium	108-1	0.58	0.87	1.06	0.84	28.70	ppb
Calcium	43-1	305339.95	302727.72	304004.98	304024.22	0.43	ppb
Calcium	44-1	302241.02	299592.01	301039.36	300957.46	0.44	ppb
Chromium	52-2	107.39	100.23	103.89	103.84	3.45	ppb
Cobalt	59-2	1.89	1.76	1.86	1.84	3.55	ppb
Copper	63-2	1.63	1.50	1.63	1.59	4.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	147.16	137.21	146.21	143.53	3.82	ppb
Iron	57-2	160.25	136.54	143.42	146.73	8.31	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.24	0.23	0.25	7.89	ppb
Lead	207-1	0.24	0.25	0.27	0.25	5.16	ppb
Lead	208-1	0.22	0.25	0.25	0.24	5.96	ppb
Lithium	6-1				110		%
Magnesium	24-2	41509.42	39528.72	40355.13	40464.42	2.46	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW347-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	219.37	206.74	213.41	213.18	2.96	ppb
Molybdenum	94-1	0.89	0.88	0.97	0.91	5.17	ppb
Molybdenum	95-1	0.80	0.78	0.74	0.78	3.76	ppb
Molybdenum	96-1	0.83	0.85	0.86	0.85	2.06	ppb
Molybdenum	97-1	0.74	0.87	0.78	0.80	8.50	ppb
Molybdenum	98-1	0.88	0.90	0.92	0.90	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.95	5.48	5.64	5.69	4.20	ppb
Phosphorus	31-2	82.84	111.35	167.16	120.45	35.60	ppb
Potassium	39-2	3901.89	3715.66	3821.92	3813.16	2.45	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.49	-0.53	3.16	0.71	296.91	ppb
Selenium	82-1	5.74	5.22	4.52	5.16	11.89	ppb
Silicon	28-1	12667.10	12545.92	12628.14	12613.72	0.49	ppb
Silver	109-1	0.07	0.08	0.10	0.08	14.94	ppb
Silver	107-1	0.10	0.09	0.07	0.09	14.63	ppb
Sodium	23-2	68901.61	65079.21	66798.30	66926.37	2.86	ppb
Strontium	86-1	1680.18	1650.78	1668.85	1666.60	0.89	ppb
Strontium	88-1	1677.52	1677.84	1678.02	1677.80	0.02	ppb
Sulfur	34-1	28124.39	28357.40	27845.65	28109.14	0.91	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.05	0.06	0.06	13.84	ppb
Thallium	205-1	0.03	0.03	0.06	0.04	32.73	ppb
Tin	118-1	0.06	0.05	0.06	0.05	16.32	ppb
Titanium	47-1	1.69	1.69	2.59	1.99	25.95	ppb
Uranium	238-1	4.80	4.59	4.81	4.73	2.60	ppb
Vanadium	51-2	2.27	2.21	2.24	2.24	1.26	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	3.83	2.83	3.36	3.34	15.06	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW347-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.22	0.22	0.22	1.59	ppb
Zirconium	91-1	0.19	0.21	0.21	0.20	4.06	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:01:26	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49321.40	49425.40	48707.17	49151.32	0.79	ppb
Antimony	121-1	508.40	488.80	490.48	495.89	2.19	ppb
Arsenic	75-2	462.91	470.73	463.53	465.72	0.93	ppb
Barium	135-1	2594.30	2476.48	2470.69	2513.83	2.77	ppb
Barium	137-1	2580.18	2458.83	2468.74	2502.58	2.69	ppb
Beryllium	9-1	499.17	484.56	479.50	487.74	2.09	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	520.49	516.78	518.88	518.71	0.36	ppb
Boron	11-1	527.37	515.48	517.38	520.08	1.23	ppb
Cadmium	111-1	491.41	475.42	478.43	481.75	1.76	ppb
Cadmium	106-1	498.81	484.08	481.41	488.10	1.92	ppb
Cadmium	108-1	500.33	475.83	487.27	487.81	2.51	ppb
Calcium	43-1	250723.37	239909.92	241769.30	244134.19	2.37	ppb
Calcium	44-1	249273.45	240207.53	238736.69	242739.22	2.35	ppb
Chromium	52-2	483.48	485.05	486.20	484.91	0.28	ppb
Cobalt	59-2	464.16	462.67	463.62	463.48	0.16	ppb
Copper	63-2	917.14	915.43	919.71	917.43	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	123014.43	122786.11	123074.03	122958.19	0.12	ppb
Iron	57-2	125518.65	124188.57	125570.45	125092.56	0.63	ppb
Krypton	83-1						cps
Lead	206-1	532.53	497.22	491.62	507.12	4.37	ppb
Lead	207-1	529.72	491.81	500.07	507.20	3.93	ppb
Lead	208-1	530.88	497.77	497.97	508.87	3.75	ppb
Lithium	6-1				109		%
Magnesium	24-2	242079.65	240071.83	242557.17	241569.55	0.55	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:01:26	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	951.39	964.71	953.63	956.58	0.75	ppb
Molybdenum	94-1	2539.86	2427.49	2400.69	2456.01	3.01	ppb
Molybdenum	95-1	2555.15	2449.64	2418.66	2474.48	2.89	ppb
Molybdenum	96-1	2524.78	2434.53	2417.45	2458.92	2.35	ppb
Molybdenum	97-1	2536.45	2443.68	2416.02	2465.38	2.56	ppb
Molybdenum	98-1	2573.10	2467.01	2430.07	2490.06	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.44	468.32	472.19	470.98	0.49	ppb
Phosphorus	31-2	9759.34	8640.93	9467.48	9289.25	6.25	ppb
Potassium	39-2	123326.85	122924.91	122332.35	122861.37	0.41	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	535.03	670.42	576.87	594.11	11.67	ppb
Selenium	78-2	449.09	460.98	453.23	454.44	1.33	ppb
Selenium	82-1	496.46	477.71	478.70	484.29	2.18	ppb
Silicon	28-1	621.25	612.91	613.41	615.86	0.76	ppb
Silver	109-1	502.00	485.80	486.66	491.49	1.85	ppb
Silver	107-1	505.33	480.15	484.46	489.98	2.75	ppb
Sodium	23-2	241723.65	242193.07	241464.52	241793.75	0.15	ppb
Strontium	86-1	498.42	481.72	476.78	485.64	2.33	ppb
Strontium	88-1	510.32	484.78	490.19	495.10	2.72	ppb
Sulfur	34-1	10996.00	9679.40	9866.07	10180.49	7.00	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	531.19	504.17	501.06	512.14	3.24	ppb
Thallium	205-1	531.09	496.45	492.22	506.59	4.21	ppb
Tin	118-1	515.82	497.98	501.07	504.96	1.89	ppb
Titanium	47-1	2610.76	2490.73	2479.02	2526.84	2.89	ppb
Uranium	238-1	530.62	497.74	497.03	508.46	3.77	ppb
Vanadium	51-2	476.43	473.98	474.91	475.10	0.26	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	920.79	929.66	916.32	922.26	0.74	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:01:26	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.06	487.07	487.32	497.15	3.47	ppb
Zirconium	91-1	508.69	484.82	485.51	493.01	2.76	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 16:04:34 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.65	-0.43	-0.41	1.27	231.34	ppb
Antimony	121-1	1.62	1.40	1.27	1.43	12.30	ppb
Arsenic	75-2	-0.07	-0.02	0.01	-0.03		ppb
Barium	135-1	0.30	0.25	0.21	0.26	17.24	ppb
Barium	137-1	0.32	0.26	0.21	0.26	21.74	ppb
Beryllium	9-1	0.20	0.14	0.13	0.16	23.85	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	38.52	35.01	28.53	34.02	14.90	ppb
Boron	11-1	34.43	35.81	30.76	33.67	7.74	ppb
Cadmium	111-1	0.06	-0.02	0.01	0.02	236.30	ppb
Cadmium	106-1	-0.30	-1.61	-0.82	-0.91		ppb
Cadmium	108-1	0.11	-0.02	0.08	0.06	121.86	ppb
Calcium	43-1	31.62	32.27	16.34	26.74	33.70	ppb
Calcium	44-1	30.95	30.65	23.95	28.51	13.88	ppb
Chromium	52-2	-0.06	-0.04	-0.02	-0.04		ppb
Cobalt	59-2	0.04	0.00	0.00	0.01	159.11	ppb
Copper	63-2	0.05	0.01	0.01	0.03	98.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	8.98	6.46	5.24	6.89	27.70	ppb
Iron	57-2	7.84	8.49	1.00	5.78	71.90	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.08	0.08	9.21	ppb
Lead	207-1	0.11	0.11	0.10	0.11	6.69	ppb
Lead	208-1	0.10	0.09	0.09	0.09	10.07	ppb
Lithium	6-1				113		%
Magnesium	24-2	13.40	13.09	9.93	12.14	15.84	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:04:34	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.06	0.09	0.06	75.64	ppb
Molybdenum	94-1	1.27	1.08	0.92	1.09	15.93	ppb
Molybdenum	95-1	1.38	1.07	0.90	1.11	21.75	ppb
Molybdenum	96-1	1.26	1.08	0.82	1.05	20.92	ppb
Molybdenum	97-1	1.21	1.09	0.92	1.07	13.27	ppb
Molybdenum	98-1	1.29	1.06	0.99	1.11	14.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.02	0.03	50.63	ppb
Phosphorus	31-2	-9.10	8.10	-9.10	-3.36		ppb
Potassium	39-2	38.10	9.14	27.09	24.78	59.00	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	0.00	4.51	0.00	1.50	173.21	ppb
Selenium	78-2	-1.27	0.92	0.20	-0.05		ppb
Selenium	82-1	0.10	0.35	0.23	0.23	56.63	ppb
Silicon	28-1	-3.98	-5.20	-4.90	-4.69		ppb
Silver	109-1	0.14	0.17	0.18	0.16	13.17	ppb
Silver	107-1	0.16	0.16	0.14	0.15	6.24	ppb
Sodium	23-2	137.82	114.90	106.16	119.63	13.67	ppb
Strontium	86-1	0.14	0.13	0.07	0.11	35.30	ppb
Strontium	88-1	0.09	0.08	0.07	0.08	15.96	ppb
Sulfur	34-1	-364.51	-515.53	-511.41	-463.82		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.18	0.17	0.16	0.17	5.52	ppb
Thallium	205-1	0.18	0.18	0.16	0.17	8.24	ppb
Tin	118-1	0.58	0.49	0.46	0.51	12.56	ppb
Titanium	47-1	0.50	0.39	0.35	0.41	18.62	ppb
Uranium	238-1	0.09	0.07	0.07	0.08	12.18	ppb
Vanadium	51-2	0.02	0.05	0.02	0.03	43.08	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	-0.25	-0.03	-0.12	-0.14		ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:04:34	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.21	0.18	0.20	7.35	ppb
Zirconium	91-1	0.24	0.22	0.20	0.22	9.61	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-03	Instrumnet Name :	P8
Client Sample ID :	WP021RW245-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:07:53	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.74	12.22	8.18	10.38	19.67	ppb
Antimony	121-1	0.56	0.57	0.48	0.54	8.83	ppb
Arsenic	75-2	0.67	0.81	0.86	0.78	12.35	ppb
Barium	135-1	120.54	129.92	126.28	125.58	3.77	ppb
Barium	137-1	120.88	129.05	123.12	124.35	3.39	ppb
Beryllium	9-1	0.06	0.06	0.10	0.07	25.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	341.55	365.61	372.47	359.88	4.51	ppb
Boron	11-1	356.17	382.66	375.82	371.55	3.70	ppb
Cadmium	111-1	0.06	-0.14	0.05	-0.01		ppb
Cadmium	106-1	-0.62	-3.25	-0.19	-1.35		ppb
Cadmium	108-1	0.02	-0.12	0.13	0.01	1165.78	ppb
Calcium	43-1	205351.74	213999.38	206648.08	208666.40	2.24	ppb
Calcium	44-1	200680.37	214521.29	203015.00	206072.22	3.60	ppb
Chromium	52-2	1.96	2.20	2.02	2.06	6.12	ppb
Cobalt	59-2	0.90	0.85	0.80	0.85	5.91	ppb
Copper	63-2	0.83	0.78	0.83	0.82	3.64	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				99		%
Iron	56-2	206.15	211.41	205.89	207.82	1.50	ppb
Iron	57-2	216.85	194.82	225.91	212.53	7.52	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.11	0.12	0.13	19.65	ppb
Lead	207-1	0.13	0.15	0.11	0.13	16.14	ppb
Lead	208-1	0.13	0.11	0.11	0.12	12.19	ppb
Lithium	6-1				106		%
Magnesium	24-2	16128.32	16400.36	15894.33	16141.00	1.57	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-03	Instrumnet Name :	P8
Client Sample ID :	WP021RW245-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:07:53	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	494.03	505.12	492.10	497.08	1.41	ppb
Molybdenum	94-1	1.58	1.63	1.14	1.45	18.45	ppb
Molybdenum	95-1	0.51	0.58	0.51	0.54	7.85	ppb
Molybdenum	96-1	0.77	0.80	0.61	0.73	14.13	ppb
Molybdenum	97-1	0.46	0.60	0.53	0.53	12.82	ppb
Molybdenum	98-1	0.53	0.57	0.53	0.54	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.78	19.20	19.18	19.39	1.75	ppb
Phosphorus	31-2	-9.10	27.09	8.54	8.84	204.59	ppb
Potassium	39-2	6291.74	6372.87	6295.38	6320.00	0.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	4.68	1.56	173.21	ppb
Selenium	78-2	-1.27	0.25	1.75	0.25	612.31	ppb
Selenium	82-1	1.39	1.61	1.31	1.44	10.68	ppb
Silicon	28-1	11200.31	11851.44	11335.66	11462.47	3.00	ppb
Silver	109-1	0.04	0.04	0.03	0.04	6.19	ppb
Silver	107-1	0.04	0.04	0.04	0.04	8.58	ppb
Sodium	23-2	83345.80	84230.20	80944.60	82840.20	2.05	ppb
Strontium	86-1	955.71	1035.67	960.26	983.88	4.56	ppb
Strontium	88-1	953.82	1035.89	965.95	985.22	4.50	ppb
Sulfur	34-1	37809.58	40687.63	37740.79	38746.00	4.34	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.10	0.08	0.09	16.87	ppb
Thallium	205-1	0.10	0.07	0.08	0.09	15.62	ppb
Tin	118-1	0.21	0.22	0.22	0.21	2.31	ppb
Titanium	47-1	0.39	0.45	0.53	0.46	15.65	ppb
Uranium	238-1	0.51	0.55	0.53	0.53	3.81	ppb
Vanadium	51-2	0.08	0.04	0.08	0.07	30.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1.79	1.74	1.98	1.84	6.76	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-03	Instrumnet Name :	P8
Client Sample ID :	WP021RW245-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:07:53	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.84	0.82	0.62	0.76	15.84	ppb
Zirconium	91-1	0.79	0.95	0.61	0.78	21.61	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW037-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:11:12	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76.40	100.30	90.36	89.02	13.49	ppb
Antimony	121-1	2.98	3.06	2.83	2.96	3.94	ppb
Arsenic	75-2	53.25	55.45	50.92	53.21	4.26	ppb
Barium	135-1	199.82	208.56	206.35	204.91	2.22	ppb
Barium	137-1	199.37	204.75	203.44	202.52	1.39	ppb
Beryllium	9-1	0.07	0.02	0.05	0.05	51.34	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	398.36	411.09	398.46	402.64	1.82	ppb
Boron	11-1	407.71	414.39	408.42	410.17	0.89	ppb
Cadmium	111-1	0.20	0.24	0.26	0.23	12.72	ppb
Cadmium	106-1	-1.88	-2.14	-0.91	-1.64		ppb
Cadmium	108-1	0.52	0.56	0.51	0.53	5.39	ppb
Calcium	43-1	172599.21	172476.53	173213.65	172763.13	0.23	ppb
Calcium	44-1	169629.13	169536.24	172275.60	170480.32	0.91	ppb
Chromium	52-2	3.76	4.06	3.88	3.90	3.86	ppb
Cobalt	59-2	2.07	2.09	2.14	2.10	1.64	ppb
Copper	63-2	3.60	3.59	3.25	3.48	5.73	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				89		%
Indium	115-1				94		%
Indium	115-2				83		%
Iron	56-2	6213.82	6516.30	6205.93	6312.02	2.80	ppb
Iron	57-2	5962.01	6512.95	5973.52	6149.50	5.12	ppb
Krypton	83-1						cps
Lead	206-1	2.38	2.28	2.22	2.29	3.70	ppb
Lead	207-1	2.25	2.14	2.11	2.17	3.52	ppb
Lead	208-1	2.36	2.22	2.17	2.25	4.29	ppb
Lithium	6-1				95		%
Magnesium	24-2	21568.04	23186.36	21953.61	22236.00	3.80	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW037-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:11:12	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1030.06	1080.10	1040.91	1050.35	2.51	ppb
Molybdenum	94-1	3.92	3.73	3.81	3.82	2.43	ppb
Molybdenum	95-1	3.72	3.90	3.76	3.79	2.50	ppb
Molybdenum	96-1	3.79	3.85	3.90	3.84	1.42	ppb
Molybdenum	97-1	3.95	3.87	4.26	4.03	5.04	ppb
Molybdenum	98-1	3.75	3.94	3.90	3.86	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.18	12.08	11.85	12.03	1.43	ppb
Phosphorus	31-2	419.80	253.61	327.22	333.55	24.97	ppb
Potassium	39-2	5659.47	6149.20	5834.49	5881.05	4.22	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				83		%
Selenium	77-2	16.30	0.00	5.45	7.25	114.48	ppb
Selenium	78-2	1.36	-0.34	1.37	0.80	123.51	ppb
Selenium	82-1	0.60	-0.11	0.48	0.32	118.60	ppb
Silicon	28-1	16143.01	16131.46	16288.43	16187.63	0.54	ppb
Silver	109-1	2.65	2.39	2.07	2.37	12.39	ppb
Silver	107-1	2.66	2.48	2.17	2.43	10.13	ppb
Sodium	23-2	102706.29	108043.32	103203.14	104650.91	2.82	ppb
Strontium	86-1	915.06	903.59	921.13	913.26	0.98	ppb
Strontium	88-1	906.54	904.10	912.05	907.57	0.45	ppb
Sulfur	34-1	11365.32	11175.73	11215.14	11252.06	0.89	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	1.65	1.14	0.84	1.21	33.99	ppb
Thallium	205-1	1.69	1.17	0.83	1.23	35.47	ppb
Tin	118-1	2.71	2.65	2.48	2.61	4.61	ppb
Titanium	47-1	1.86	1.80	1.80	1.82	1.97	ppb
Uranium	238-1	1.22	1.33	1.36	1.31	5.80	ppb
Vanadium	51-2	1.06	1.19	1.19	1.15	6.61	ppb
Yttrium	89-1				94		%
Yttrium	89-2				85		%
Zinc	66-2	21.63	22.22	21.30	21.72	2.16	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW037-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:11:12	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.79	0.72	0.64	0.72	9.86	ppb
Zirconium	91-1	0.75	0.80	0.70	0.75	6.75	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-05	Instrumnet Name :	P8
Client Sample ID :	WP021MW351-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:14:29	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	848.93	859.74	864.68	857.79	0.94	ppb
Antimony	121-1	2.06	2.00	2.03	2.03	1.39	ppb
Arsenic	75-2	2.33	2.45	2.78	2.52	9.10	ppb
Barium	135-1	91.45	90.15	90.20	90.60	0.81	ppb
Barium	137-1	90.79	89.20	91.18	90.39	1.16	ppb
Beryllium	9-1	0.16	0.06	0.10	0.11	46.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				93		%
Boron	10-1	184.37	187.30	192.77	188.15	2.27	ppb
Boron	11-1	188.89	190.53	192.41	190.61	0.92	ppb
Cadmium	111-1	-0.12	-0.05	0.03	-0.04		ppb
Cadmium	106-1	-2.79	-1.83	-1.17	-1.93		ppb
Cadmium	108-1	0.06	0.05	0.05	0.05	6.45	ppb
Calcium	43-1	142919.20	137840.47	143563.12	141440.93	2.22	ppb
Calcium	44-1	141062.92	136514.45	139197.98	138925.12	1.65	ppb
Chromium	52-2	8.89	8.57	8.63	8.69	1.98	ppb
Cobalt	59-2	1.95	1.84	2.06	1.95	5.52	ppb
Copper	63-2	4.89	5.19	5.41	5.17	5.03	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				109		%
Holmium	165-2				93		%
Indium	115-1				102		%
Indium	115-2				82		%
Iron	56-2	2865.11	2872.87	2921.95	2886.64	1.07	ppb
Iron	57-2	2925.04	2831.18	3037.62	2931.28	3.53	ppb
Krypton	83-1						cps
Lead	206-1	1.57	1.52	1.55	1.54	1.68	ppb
Lead	207-1	1.38	1.35	1.44	1.39	3.39	ppb
Lead	208-1	1.44	1.41	1.51	1.45	3.55	ppb
Lithium	6-1				114		%
Magnesium	24-2	11185.77	11251.95	11344.82	11260.85	0.71	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-05	Instrumnet Name :	P8
Client Sample ID :	WP021MW351-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:14:29	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	77.12	76.72	77.71	77.19	0.64	ppb
Molybdenum	94-1	2.47	2.47	2.52	2.49	1.02	ppb
Molybdenum	95-1	0.70	0.59	0.70	0.66	9.18	ppb
Molybdenum	96-1	0.99	0.87	0.95	0.94	6.41	ppb
Molybdenum	97-1	0.86	0.91	0.73	0.83	11.13	ppb
Molybdenum	98-1	0.69	0.71	0.74	0.71	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.12	69.50	71.24	69.96	1.62	ppb
Phosphorus	31-2	297.73	169.10	152.05	206.29	38.61	ppb
Potassium	39-2	3235.65	3245.59	3209.03	3230.09	0.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				78		%
Selenium	77-2	5.64	0.00	5.83	3.82	86.64	ppb
Selenium	78-2	4.19	2.45	6.26	4.30	44.35	ppb
Selenium	82-1	1.82	1.31	2.36	1.83	28.47	ppb
Silicon	28-1	11927.62	11525.97	11618.61	11690.73	1.80	ppb
Silver	109-1	0.82	0.76	0.71	0.76	7.12	ppb
Silver	107-1	0.83	0.78	0.72	0.78	6.67	ppb
Sodium	23-2	44427.31	44447.22	45378.96	44751.16	1.22	ppb
Strontium	86-1	518.33	514.58	524.15	519.02	0.93	ppb
Strontium	88-1	532.75	519.20	537.31	529.76	1.78	ppb
Sulfur	34-1	15029.66	13993.23	14515.80	14512.89	3.57	ppb
Terbium	159-1				109		%
Terbium	159-2				93		%
Thallium	203-1	0.16	0.15	0.13	0.15	9.78	ppb
Thallium	205-1	0.14	0.13	0.11	0.13	12.77	ppb
Tin	118-1	1.87	1.99	1.91	1.92	3.31	ppb
Titanium	47-1	14.65	16.60	14.13	15.13	8.60	ppb
Uranium	238-1	1.48	1.44	1.53	1.48	3.11	ppb
Vanadium	51-2	9.59	9.37	9.26	9.41	1.81	ppb
Yttrium	89-1				98		%
Yttrium	89-2				82		%
Zinc	66-2	7.77	6.54	6.94	7.08	8.86	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-05	Instrumnet Name :	P8
Client Sample ID :	WP021MW351-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:14:29	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.32	1.31	1.31	1.32	0.48	ppb
Zirconium	91-1	1.36	1.36	1.41	1.38	2.18	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09	Instrumnet Name :	P8
Client Sample ID :	S83-0020	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:17:48	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.57	10.63	2.18	6.13	69.46	ppb
Antimony	121-1	1.40	1.42	1.37	1.40	1.74	ppb
Arsenic	75-2	66.03	64.29	61.89	64.07	3.24	ppb
Barium	135-1	6.86	6.39	6.24	6.49	4.98	ppb
Barium	137-1	6.97	6.47	6.15	6.53	6.32	ppb
Beryllium	9-1	-0.01	-0.01	0.03	0.00	714.05	ppb
Bismuth	209-1				118		%
Bismuth	209-2				92		%
Boron	10-1	28.40	26.60	25.32	26.77	5.78	ppb
Boron	11-1	28.98	26.13	24.96	26.69	7.73	ppb
Cadmium	111-1	-0.13	-0.10	-0.08	-0.10		ppb
Cadmium	106-1	-2.25	-2.16	-1.78	-2.06		ppb
Cadmium	108-1	0.08	-0.09	0.10	0.03	358.04	ppb
Calcium	43-1	12883.10	12442.97	12020.53	12448.87	3.46	ppb
Calcium	44-1	12731.28	12661.75	11892.72	12428.58	3.74	ppb
Chromium	52-2	0.83	0.70	0.80	0.77	8.47	ppb
Cobalt	59-2	0.04	0.06	0.02	0.04	54.31	ppb
Copper	63-2	2.72	3.06	2.83	2.87	6.03	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				117		%
Holmium	165-2				91		%
Indium	115-1				106		%
Indium	115-2				79		%
Iron	56-2	8834.68	8747.40	8689.14	8757.07	0.84	ppb
Iron	57-2	8745.11	8738.54	8680.96	8721.54	0.40	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.09	0.13	0.12	22.33	ppb
Lead	207-1	0.13	0.12	0.08	0.11	21.80	ppb
Lead	208-1	0.13	0.10	0.11	0.11	12.86	ppb
Lithium	6-1				118		%
Magnesium	24-2	1162.10	1201.31	1121.90	1161.77	3.42	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09	Instrumnet Name :	P8
Client Sample ID :	S83-0020	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:17:48	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	616.89	618.22	602.24	612.45	1.45	ppb
Molybdenum	94-1	0.62	0.48	0.62	0.57	14.19	ppb
Molybdenum	95-1	0.63	0.54	0.56	0.58	7.65	ppb
Molybdenum	96-1	0.58	0.68	0.61	0.62	8.81	ppb
Molybdenum	97-1	0.57	0.70	0.52	0.60	15.21	ppb
Molybdenum	98-1	0.56	0.66	0.57	0.60	9.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.38	0.33	0.33	15.14	ppb
Phosphorus	31-2	208.80	209.37	183.28	200.49	7.43	ppb
Potassium	39-2	6320.51	6497.96	6234.51	6350.99	2.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				72		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.27	-0.29	1.62	0.02	6450.33	ppb
Selenium	82-1	-0.30	0.19	-0.09	-0.07		ppb
Silicon	28-1	2932.80	2884.47	2704.32	2840.53	4.24	ppb
Silver	109-1	0.46	0.41	0.38	0.42	10.70	ppb
Silver	107-1	0.42	0.41	0.36	0.40	8.74	ppb
Sodium	23-2	6849.26	6790.04	6644.03	6761.11	1.56	ppb
Strontium	86-1	132.63	130.92	123.66	129.07	3.69	ppb
Strontium	88-1	138.21	134.88	128.69	133.93	3.61	ppb
Sulfur	34-1	-1330.86	-1689.30	-2231.97	-1750.71		ppb
Terbium	159-1				115		%
Terbium	159-2				91		%
Thallium	203-1	0.05	0.04	0.02	0.04	39.97	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.15	ppb
Tin	118-1	1.51	1.49	1.46	1.49	1.73	ppb
Titanium	47-1	0.58	0.59	0.63	0.60	4.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.25	0.21	0.25	0.23	10.45	ppb
Yttrium	89-1				101		%
Yttrium	89-2				78		%
Zinc	66-2	7.60	6.95	7.32	7.29	4.44	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09	Instrumnet Name :	P8
Client Sample ID :	S83-0020	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:17:48	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.14	0.12	0.14	12.77	ppb
Zirconium	91-1	0.20	0.22	0.19	0.20	7.20	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09DUP	Instrumnet Name :	P8
Client Sample ID :	S83-0020DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:21:06	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.13	5.97	7.62	4.16	111.83	ppb
Antimony	121-1	1.32	1.33	1.35	1.33	1.10	ppb
Arsenic	75-2	64.07	71.06	64.47	66.53	5.90	ppb
Barium	135-1	6.97	6.91	7.02	6.97	0.78	ppb
Barium	137-1	6.76	6.63	6.62	6.67	1.11	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				116		%
Bismuth	209-2				91		%
Boron	10-1	19.63	19.55	19.64	19.61	0.24	ppb
Boron	11-1	21.59	19.82	20.20	20.54	4.53	ppb
Cadmium	111-1	-0.22	-0.21	-0.19	-0.21		ppb
Cadmium	106-1	-3.79	-3.38	-3.09	-3.42		ppb
Cadmium	108-1	-0.06	-0.06	0.08	-0.01		ppb
Calcium	43-1	12948.19	13249.43	13088.68	13095.43	1.15	ppb
Calcium	44-1	12833.86	13143.54	13053.10	13010.17	1.22	ppb
Chromium	52-2	0.81	0.96	0.89	0.89	8.84	ppb
Cobalt	59-2	0.05	0.07	0.05	0.06	19.34	ppb
Copper	63-2	3.01	2.99	2.94	2.98	1.20	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				115		%
Holmium	165-2				89		%
Indium	115-1				103		%
Indium	115-2				77		%
Iron	56-2	8907.68	9223.49	9063.15	9064.77	1.74	ppb
Iron	57-2	8940.39	9281.34	9223.60	9148.44	1.99	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.11	0.11	5.32	ppb
Lead	207-1	0.12	0.11	0.09	0.11	11.82	ppb
Lead	208-1	0.11	0.11	0.09	0.10	7.34	ppb
Lithium	6-1				109		%
Magnesium	24-2	1161.84	1230.23	1236.86	1209.64	3.43	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09DUP	Instrumnet Name :	P8
Client Sample ID :	S83-0020DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:21:06	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	620.39	638.37	637.02	631.92	1.58	ppb
Molybdenum	94-1	0.75	0.52	0.56	0.61	19.56	ppb
Molybdenum	95-1	0.55	0.47	0.62	0.55	13.93	ppb
Molybdenum	96-1	0.65	0.67	0.64	0.65	2.48	ppb
Molybdenum	97-1	0.65	0.73	0.63	0.67	8.48	ppb
Molybdenum	98-1	0.68	0.68	0.62	0.66	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.38	0.41	0.34	29.53	ppb
Phosphorus	31-2	162.08	295.52	292.41	250.01	30.46	ppb
Potassium	39-2	6385.82	6587.23	6594.56	6522.53	1.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				87		%
Scandium	45-1				86		%
Scandium	45-2				70		%
Selenium	77-2	0.00	0.00	6.20	2.07	173.21	ppb
Selenium	78-2	-1.27	-0.23	-0.27	-0.59		ppb
Selenium	82-1	-0.36	-0.13	-0.44	-0.31		ppb
Silicon	28-1	2955.19	2972.17	2953.65	2960.34	0.35	ppb
Silver	109-1	0.28	0.32	0.31	0.30	6.21	ppb
Silver	107-1	0.30	0.27	0.27	0.28	5.47	ppb
Sodium	23-2	6831.05	7145.81	7032.80	7003.22	2.28	ppb
Strontium	86-1	135.90	135.06	135.41	135.46	0.31	ppb
Strontium	88-1	140.66	140.96	139.49	140.37	0.55	ppb
Sulfur	34-1	-1518.76	-1684.69	-1744.11	-1649.19		ppb
Terbium	159-1				114		%
Terbium	159-2				89		%
Thallium	203-1	0.01	0.01	0.01	0.01	14.25	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	21.97	ppb
Tin	118-1	1.38	1.44	1.50	1.44	4.23	ppb
Titanium	47-1	0.61	0.46	0.61	0.56	15.09	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.05	ppb
Vanadium	51-2	0.14	0.17	0.18	0.16	12.96	ppb
Yttrium	89-1				97		%
Yttrium	89-2				75		%
Zinc	66-2	8.68	7.58	7.06	7.77	10.60	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09DUP	Instrumnet Name :	P8
Client Sample ID :	S83-0020DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:21:06	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.11	0.10	0.11	7.81	ppb
Zirconium	91-1	0.14	0.18	0.16	0.16	10.69	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09LX5	Instrumnet Name :	P8
Client Sample ID :	S83-0020L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-27 16:24:24	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	0.15	-1.32	-0.36		ppb
Antimony	121-1	0.33	0.32	0.27	0.31	10.07	ppb
Arsenic	75-2	11.75	12.52	12.26	12.18	3.24	ppb
Barium	135-1	1.35	1.48	1.33	1.39	5.91	ppb
Barium	137-1	1.36	1.32	1.34	1.34	1.30	ppb
Beryllium	9-1	0.04	-0.01	0.01	0.01	187.24	ppb
Bismuth	209-1				120		%
Bismuth	209-2				103		%
Boron	10-1	13.11	16.55	13.78	14.48	12.57	ppb
Boron	11-1	16.26	14.95	15.13	15.45	4.57	ppb
Cadmium	111-1	-0.19	-0.21	-0.26	-0.22		ppb
Cadmium	106-1	-2.77	-3.29	-3.56	-3.21		ppb
Cadmium	108-1	-0.16	-0.06	-0.03	-0.09		ppb
Calcium	43-1	2577.55	2443.63	2388.04	2469.74	3.94	ppb
Calcium	44-1	2595.18	2496.49	2420.43	2504.03	3.50	ppb
Chromium	52-2	0.14	0.25	0.33	0.24	41.00	ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	0.85	0.90	0.83	0.86	4.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				89		%
Iron	56-2	1562.92	1635.90	1639.36	1612.73	2.68	ppb
Iron	57-2	1587.07	1663.08	1604.93	1618.36	2.46	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.01	0.01	0.00		ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				96		%
Magnesium	24-2	217.90	217.90	224.65	220.15	1.77	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09LX5	Instrumnet Name :	P8
Client Sample ID :	S83-0020L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-27 16:24:24	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	113.09	115.72	120.04	116.28	3.02	ppb
Molybdenum	94-1	-0.06	-0.03	0.02	-0.02		ppb
Molybdenum	95-1	0.05	-0.04	0.00	0.00	989.95	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	59.78	ppb
Molybdenum	97-1	0.10	0.02	0.01	0.04	116.79	ppb
Molybdenum	98-1	-0.01	0.02	0.02	0.01	222.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.08	0.12	0.08	38.02	ppb
Phosphorus	31-2	32.73	33.73	34.29	33.58	2.35	ppb
Potassium	39-2	1192.64	1197.19	1200.26	1196.70	0.32	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.14	-1.27	-0.39	0.16	1108.09	ppb
Selenium	82-1	0.51	-0.65	-0.07	-0.07		ppb
Silicon	28-1	606.84	564.39	556.75	575.99	4.69	ppb
Silver	109-1	0.13	0.12	0.13	0.13	5.49	ppb
Silver	107-1	0.11	0.12	0.10	0.11	9.41	ppb
Sodium	23-2	1280.28	1330.84	1338.35	1316.49	2.40	ppb
Strontium	86-1	27.26	26.05	24.26	25.86	5.84	ppb
Strontium	88-1	27.29	26.50	26.16	26.65	2.18	ppb
Sulfur	34-1	-1497.09	-2130.45	-2160.77	-1929.44		ppb
Terbium	159-1				119		%
Terbium	159-2				101		%
Thallium	203-1	0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.19	0.15	0.18	0.17	9.58	ppb
Titanium	47-1	0.17	0.19	0.17	0.18	4.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	225.87	ppb
Vanadium	51-2	0.04	0.04	0.03	0.04	23.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				88		%
Zinc	66-2	1.53	1.22	1.68	1.48	15.69	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09LX5	Instrumnet Name :	P8
Client Sample ID :	S83-0020L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-27 16:24:24	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	53.95	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	38.94	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-10	Instrumnet Name :	P8
Client Sample ID :	S83-0020MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:27:44	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8745.30	8787.04	8881.94	8804.76	0.80	ppb
Antimony	121-1	449.06	455.52	462.65	455.74	1.49	ppb
Arsenic	75-2	522.53	521.05	524.56	522.71	0.34	ppb
Barium	135-1	2235.34	2273.72	2311.15	2273.40	1.67	ppb
Barium	137-1	2217.04	2248.55	2259.94	2241.84	0.99	ppb
Beryllium	9-1	362.30	356.27	353.11	357.23	1.31	ppb
Bismuth	209-1				112		%
Bismuth	209-2				89		%
Boron	10-1	375.33	376.47	382.16	377.99	0.97	ppb
Boron	11-1	366.69	368.04	369.12	367.95	0.33	ppb
Cadmium	111-1	429.26	436.64	444.71	436.87	1.77	ppb
Cadmium	106-1	415.68	430.64	432.98	426.44	2.20	ppb
Cadmium	108-1	431.07	440.33	441.47	437.63	1.30	ppb
Calcium	43-1	63426.89	65203.44	65296.18	64642.17	1.63	ppb
Calcium	44-1	64033.84	64925.50	65035.36	64664.90	0.85	ppb
Chromium	52-2	492.94	489.39	503.11	495.15	1.44	ppb
Cobalt	59-2	508.37	500.07	518.50	508.98	1.81	ppb
Copper	63-2	1049.61	1034.25	1071.96	1051.94	1.80	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				89		%
Indium	115-1				99		%
Indium	115-2				75		%
Iron	56-2	35246.11	34598.92	35658.62	35167.88	1.52	ppb
Iron	57-2	35466.26	34555.97	36068.04	35363.42	2.15	ppb
Krypton	83-1						cps
Lead	206-1	475.25	476.49	490.88	480.87	1.81	ppb
Lead	207-1	465.49	469.11	470.99	468.53	0.60	ppb
Lead	208-1	471.34	474.77	482.83	476.32	1.24	ppb
Lithium	6-1				98		%
Magnesium	24-2	52754.47	51916.94	53097.60	52589.67	1.15	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-10	Instrumnet Name :	P8
Client Sample ID :	S83-0020MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:27:44	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1554.53	1525.65	1577.19	1552.46	1.66	ppb
Molybdenum	94-1	2411.92	2372.58	2444.75	2409.75	1.50	ppb
Molybdenum	95-1	2391.43	2358.08	2447.21	2398.91	1.88	ppb
Molybdenum	96-1	2395.34	2384.80	2404.78	2394.97	0.42	ppb
Molybdenum	97-1	2432.33	2380.41	2446.47	2419.74	1.44	ppb
Molybdenum	98-1	2408.01	2400.04	2443.99	2417.35	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.77	516.52	537.59	526.63	2.00	ppb
Phosphorus	31-2	186.05	206.06	214.34	202.15	7.19	ppb
Potassium	39-2	29193.08	28720.94	29833.75	29249.25	1.91	ppb
Rhodium	103-1				95		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				72		%
Selenium	77-2	448.65	467.03	497.08	470.92	5.19	ppb
Selenium	78-2	422.34	463.02	391.10	425.49	8.48	ppb
Selenium	82-1	465.64	454.80	465.70	462.05	1.36	ppb
Silicon	28-1	3272.91	3308.87	3316.39	3299.39	0.70	ppb
Silver	109-1	374.51	382.92	386.78	381.40	1.65	ppb
Silver	107-1	373.94	379.25	384.11	379.10	1.34	ppb
Sodium	23-2	58884.52	57707.81	59935.08	58842.47	1.89	ppb
Strontium	86-1	610.36	610.68	623.48	614.84	1.22	ppb
Strontium	88-1	626.00	619.52	630.52	625.35	0.88	ppb
Sulfur	34-1	-1684.67	-1643.89	-1694.92	-1674.49		ppb
Terbium	159-1				112		%
Terbium	159-2				90		%
Thallium	203-1	487.92	478.53	500.21	488.89	2.22	ppb
Thallium	205-1	483.25	477.14	489.46	483.28	1.27	ppb
Tin	118-1	455.31	453.87	462.96	457.38	1.07	ppb
Titanium	47-1	2333.35	2339.04	2395.04	2355.81	1.45	ppb
Uranium	238-1	482.36	483.51	503.17	489.68	2.39	ppb
Vanadium	51-2	481.25	476.22	498.70	485.39	2.43	ppb
Yttrium	89-1				95		%
Yttrium	89-2				76		%
Zinc	66-2	982.75	975.16	1005.76	987.89	1.61	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-10	Instrumnet Name :	P8
Client Sample ID :	S83-0020MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:27:44	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	475.93	475.22	488.33	479.83	1.54	ppb
Zirconium	91-1	476.74	474.47	482.51	477.91	0.87	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-11	Instrumnet Name :	P8
Client Sample ID :	S83-0020MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:30:56	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8612.23	8753.86	9072.64	8812.91	2.68	ppb
Antimony	121-1	448.28	458.04	462.89	456.40	1.63	ppb
Arsenic	75-2	521.73	514.77	520.38	518.96	0.71	ppb
Barium	135-1	2221.56	2290.19	2299.37	2270.37	1.87	ppb
Barium	137-1	2215.93	2263.73	2273.68	2251.12	1.37	ppb
Beryllium	9-1	368.80	377.00	382.05	375.95	1.78	ppb
Bismuth	209-1				109		%
Bismuth	209-2				89		%
Boron	10-1	397.95	412.54	429.52	413.34	3.82	ppb
Boron	11-1	380.89	402.86	412.29	398.68	4.04	ppb
Cadmium	111-1	433.38	445.81	445.56	441.58	1.61	ppb
Cadmium	106-1	424.60	438.53	436.85	433.33	1.76	ppb
Cadmium	108-1	440.09	443.26	440.61	441.32	0.39	ppb
Calcium	43-1	65046.20	66452.00	67236.40	66244.87	1.68	ppb
Calcium	44-1	64867.64	65624.91	66832.39	65774.98	1.51	ppb
Chromium	52-2	491.26	485.56	499.50	492.11	1.42	ppb
Cobalt	59-2	500.29	499.82	514.11	504.74	1.61	ppb
Copper	63-2	1031.85	1037.03	1063.38	1044.09	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				112		%
Holmium	165-2				89		%
Indium	115-1				98		%
Indium	115-2				75		%
Iron	56-2	34426.05	34379.42	35377.23	34727.56	1.62	ppb
Iron	57-2	34494.28	34450.80	35217.64	34720.91	1.24	ppb
Krypton	83-1						cps
Lead	206-1	486.74	502.37	505.10	498.07	1.99	ppb
Lead	207-1	475.54	484.75	488.20	482.83	1.36	ppb
Lead	208-1	483.27	492.23	495.66	490.39	1.30	ppb
Lithium	6-1				92		%
Magnesium	24-2	51874.94	52207.97	53058.08	52380.33	1.16	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-11	Instrumnet Name :	P8
Client Sample ID :	S83-0020MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:30:56	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1512.87	1506.62	1546.41	1521.97	1.41	ppb
Molybdenum	94-1	2367.04	2436.66	2431.67	2411.79	1.61	ppb
Molybdenum	95-1	2381.52	2421.35	2456.78	2419.88	1.56	ppb
Molybdenum	96-1	2366.05	2397.91	2415.03	2392.99	1.04	ppb
Molybdenum	97-1	2423.72	2433.89	2448.10	2435.24	0.50	ppb
Molybdenum	98-1	2377.56	2428.07	2454.58	2420.07	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.94	520.89	527.39	521.74	1.01	ppb
Phosphorus	31-2	110.83	230.04	187.52	176.13	34.30	ppb
Potassium	39-2	28676.28	28624.29	29524.17	28941.58	1.75	ppb
Rhodium	103-1				94		%
Rhodium	103-2				86		%
Scandium	45-1				83		%
Scandium	45-2				72		%
Selenium	77-2	435.24	469.60	388.79	431.21	9.40	ppb
Selenium	78-2	442.14	465.42	448.09	451.89	2.68	ppb
Selenium	82-1	462.47	468.77	475.69	468.98	1.41	ppb
Silicon	28-1	3244.57	3280.07	3340.56	3288.40	1.48	ppb
Silver	109-1	383.64	389.34	389.83	387.60	0.89	ppb
Silver	107-1	374.11	384.44	385.18	381.25	1.62	ppb
Sodium	23-2	57353.12	57034.41	58776.40	57721.31	1.61	ppb
Strontium	86-1	607.55	617.45	622.06	615.69	1.20	ppb
Strontium	88-1	618.69	627.83	631.30	625.94	1.04	ppb
Sulfur	34-1	-1815.87	-1737.25	-1613.74	-1722.29		ppb
Terbium	159-1				112		%
Terbium	159-2				89		%
Thallium	203-1	499.47	499.91	504.21	501.20	0.52	ppb
Thallium	205-1	490.54	501.57	500.42	497.51	1.22	ppb
Tin	118-1	455.73	464.87	463.99	461.53	1.09	ppb
Titanium	47-1	2388.79	2414.98	2462.37	2422.04	1.54	ppb
Uranium	238-1	493.66	497.73	506.75	499.38	1.34	ppb
Vanadium	51-2	478.02	476.86	488.95	481.28	1.39	ppb
Yttrium	89-1				95		%
Yttrium	89-2				77		%
Zinc	66-2	970.51	970.46	1004.59	981.85	2.01	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-11	Instrumnet Name :	P8
Client Sample ID :	S83-0020MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:30:56	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	472.84	485.54	486.90	481.76	1.61	ppb
Zirconium	91-1	467.63	480.35	487.54	478.51	2.11	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09A	Instrumnet Name :	P8
Client Sample ID :	S83-0020A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:34:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9707.46	8803.30	8711.96	9074.24	6.06	ppb
Antimony	121-1	460.36	464.46	458.46	461.10	0.66	ppb
Arsenic	75-2	585.49	546.44	536.05	555.99	4.69	ppb
Barium	135-1	2294.48	2341.98	2268.60	2301.68	1.62	ppb
Barium	137-1	2297.58	2309.28	2256.79	2287.89	1.20	ppb
Beryllium	9-1	384.58	389.60	390.01	388.06	0.78	ppb
Bismuth	209-1				110		%
Bismuth	209-2				85		%
Boron	10-1	416.74	433.61	418.53	422.96	2.19	ppb
Boron	11-1	402.40	417.46	419.24	413.03	2.24	ppb
Cadmium	111-1	447.14	448.17	438.42	444.58	1.20	ppb
Cadmium	106-1	444.45	444.37	432.22	440.35	1.60	ppb
Cadmium	108-1	446.83	451.04	440.21	446.03	1.22	ppb
Calcium	43-1	66696.48	66581.10	66935.53	66737.71	0.27	ppb
Calcium	44-1	66135.24	65985.45	66443.82	66188.17	0.35	ppb
Chromium	52-2	553.27	511.94	504.54	523.25	5.02	ppb
Cobalt	59-2	565.10	522.90	520.65	536.22	4.67	ppb
Copper	63-2	1179.45	1081.55	1076.45	1112.48	5.22	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				113		%
Holmium	165-2				85		%
Indium	115-1				98		%
Indium	115-2				72		%
Iron	56-2	39021.77	35820.20	35726.75	36856.24	5.09	ppb
Iron	57-2	39067.33	36125.96	35991.31	37061.53	4.69	ppb
Krypton	83-1						cps
Lead	206-1	498.87	502.33	494.44	498.55	0.79	ppb
Lead	207-1	480.36	486.70	479.42	482.16	0.82	ppb
Lead	208-1	491.40	493.23	491.63	492.08	0.20	ppb
Lithium	6-1				89		%
Magnesium	24-2	59514.46	54388.13	54158.42	56020.34	5.41	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09A	Instrumnet Name :	P8
Client Sample ID :	S83-0020A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:34:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1712.24	1582.77	1579.56	1624.86	4.66	ppb
Molybdenum	94-1	2477.09	2437.89	2472.82	2462.60	0.87	ppb
Molybdenum	95-1	2461.62	2455.66	2453.66	2456.98	0.17	ppb
Molybdenum	96-1	2466.61	2446.20	2448.37	2453.73	0.46	ppb
Molybdenum	97-1	2470.50	2480.48	2465.87	2472.29	0.30	ppb
Molybdenum	98-1	2474.46	2467.22	2462.02	2467.90	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	587.68	536.04	537.74	553.82	5.30	ppb
Phosphorus	31-2	255.68	259.86	234.06	249.87	5.54	ppb
Potassium	39-2	32333.29	29281.72	29617.94	30410.98	5.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				70		%
Selenium	77-2	547.26	456.82	434.28	479.45	12.47	ppb
Selenium	78-2	518.89	441.30	442.49	467.56	9.51	ppb
Selenium	82-1	473.46	472.89	471.77	472.71	0.18	ppb
Silicon	28-1	3316.03	3301.57	3290.17	3302.59	0.39	ppb
Silver	109-1	383.52	388.74	380.80	384.35	1.05	ppb
Silver	107-1	385.10	382.19	376.36	381.22	1.17	ppb
Sodium	23-2	65700.34	59793.04	59549.05	61680.81	5.65	ppb
Strontium	86-1	632.04	629.60	633.07	631.57	0.28	ppb
Strontium	88-1	643.19	635.87	641.72	640.26	0.60	ppb
Sulfur	34-1	-2007.66	-2160.62	-2235.21	-2134.50		ppb
Terbium	159-1				113		%
Terbium	159-2				86		%
Thallium	203-1	496.27	503.76	501.85	500.63	0.78	ppb
Thallium	205-1	493.80	500.66	496.38	496.95	0.70	ppb
Tin	118-1	463.51	474.51	466.93	468.31	1.20	ppb
Titanium	47-1	2403.56	2443.29	2410.56	2419.14	0.88	ppb
Uranium	238-1	506.62	513.03	505.41	508.35	0.81	ppb
Vanadium	51-2	544.43	495.15	488.47	509.35	6.00	ppb
Yttrium	89-1				95		%
Yttrium	89-2				73		%
Zinc	66-2	1090.52	1005.55	997.84	1031.30	4.99	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09A	Instrumnet Name :	P8
Client Sample ID :	S83-0020A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:34:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	490.34	488.32	491.33	490.00	0.31	ppb
Zirconium	91-1	489.51	490.40	490.41	490.10	0.11	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-12	Instrumnet Name :	P8
Client Sample ID :	S83-0019	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:37:19	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.72	2.31	11.03	10.69	76.83	ppb
Antimony	121-1	1.18	1.11	1.16	1.15	2.88	ppb
Arsenic	75-2	105.83	109.09	111.00	108.64	2.40	ppb
Barium	135-1	12.19	11.73	11.54	11.82	2.83	ppb
Barium	137-1	12.17	11.78	12.00	11.98	1.61	ppb
Beryllium	9-1	0.24	0.16	0.19	0.20	22.84	ppb
Bismuth	209-1				114		%
Bismuth	209-2				89		%
Boron	10-1	49.86	40.22	43.80	44.63	10.92	ppb
Boron	11-1	43.26	43.01	41.01	42.43	2.90	ppb
Cadmium	111-1	-0.24	-0.14	-0.23	-0.21		ppb
Cadmium	106-1	-4.89	-3.69	-5.26	-4.61		ppb
Cadmium	108-1	0.39	0.18	-0.02	0.18	113.58	ppb
Calcium	43-1	65531.71	64670.24	66218.04	65473.33	1.18	ppb
Calcium	44-1	65109.80	63708.53	65568.76	64795.70	1.50	ppb
Chromium	52-2	0.50	0.73	0.84	0.69	25.05	ppb
Cobalt	59-2	0.27	0.23	0.23	0.24	8.61	ppb
Copper	63-2	2.87	2.78	2.86	2.84	1.80	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				87		%
Indium	115-1				101		%
Indium	115-2				75		%
Iron	56-2	14916.77	15342.57	15538.41	15265.92	2.08	ppb
Iron	57-2	14905.92	15326.50	15456.25	15229.56	1.89	ppb
Krypton	83-1						cps
Lead	206-1	4.23	4.20	4.27	4.23	0.78	ppb
Lead	207-1	3.97	3.91	4.00	3.96	1.19	ppb
Lead	208-1	4.11	4.12	4.19	4.14	1.00	ppb
Lithium	6-1				87		%
Magnesium	24-2	2815.74	2950.70	2979.23	2915.22	3.00	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-12	Instrumnet Name :	P8
Client Sample ID :	S83-0019	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:37:19	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2617.67	2678.74	2709.20	2668.54	1.75	ppb
Molybdenum	94-1	1.90	1.86	1.58	1.78	9.97	ppb
Molybdenum	95-1	1.92	1.62	1.57	1.70	11.34	ppb
Molybdenum	96-1	1.94	1.78	1.72	1.82	6.26	ppb
Molybdenum	97-1	1.99	1.86	1.51	1.78	13.88	ppb
Molybdenum	98-1	1.93	1.72	1.52	1.72	11.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.45	0.52	0.52	13.10	ppb
Phosphorus	31-2	206.19	40.26	65.90	104.12	85.79	ppb
Potassium	39-2	8573.22	8670.34	8765.43	8669.67	1.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				86		%
Scandium	45-1				84		%
Scandium	45-2				71		%
Selenium	77-2	0.00	6.30	0.00	2.10	173.21	ppb
Selenium	78-2	-1.27	-1.27	-1.27	-1.27		ppb
Selenium	82-1	-0.54	0.22	-0.24	-0.19		ppb
Silicon	28-1	5465.22	5407.47	5483.48	5452.06	0.73	ppb
Silver	109-1	0.22	0.20	0.20	0.20	5.45	ppb
Silver	107-1	0.22	0.22	0.22	0.22	1.54	ppb
Sodium	23-2	6413.13	6660.18	6717.52	6596.94	2.45	ppb
Strontium	86-1	195.77	195.64	194.72	195.38	0.29	ppb
Strontium	88-1	203.85	199.63	202.71	202.06	1.08	ppb
Sulfur	34-1	-2012.12	-2224.28	-2282.17	-2172.86		ppb
Terbium	159-1				114		%
Terbium	159-2				89		%
Thallium	203-1	0.24	0.23	0.17	0.21	16.48	ppb
Thallium	205-1	0.21	0.17	0.19	0.19	9.32	ppb
Tin	118-1	5.75	5.39	5.40	5.51	3.73	ppb
Titanium	47-1	1.39	1.41	1.39	1.40	1.04	ppb
Uranium	238-1	0.11	0.11	0.08	0.10	16.14	ppb
Vanadium	51-2	0.24	0.25	0.25	0.25	3.93	ppb
Yttrium	89-1				95		%
Yttrium	89-2				75		%
Zinc	66-2	8.59	8.96	9.48	9.01	4.96	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-12	Instrumnet Name :	P8
Client Sample ID :	S83-0019	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:37:19	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.48	0.42	0.36	0.42	14.01	ppb
Zirconium	91-1	0.59	0.48	0.43	0.50	16.75	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:40:37	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46995.77	47711.47	48342.89	47683.38	1.41	ppb
Antimony	121-1	407.22	411.83	414.71	411.25	0.92	ppb
Arsenic	75-2	474.52	465.46	480.74	473.57	1.62	ppb
Barium	135-1	2358.61	2390.90	2386.54	2378.68	0.74	ppb
Barium	137-1	2353.91	2359.99	2340.63	2351.51	0.42	ppb
Beryllium	9-1	541.66	532.89	540.94	538.50	0.90	ppb
Bismuth	209-1				117		%
Bismuth	209-2				98		%
Boron	10-1	523.88	537.00	563.28	541.39	3.71	ppb
Boron	11-1	531.35	541.09	556.14	542.86	2.30	ppb
Cadmium	111-1	444.08	444.81	447.57	445.49	0.41	ppb
Cadmium	106-1	441.14	429.69	441.67	437.50	1.55	ppb
Cadmium	108-1	453.50	457.45	446.61	452.52	1.21	ppb
Calcium	43-1	240668.11	241536.46	239821.07	240675.21	0.36	ppb
Calcium	44-1	239234.22	238128.08	237292.75	238218.35	0.41	ppb
Chromium	52-2	510.05	518.03	521.45	516.51	1.13	ppb
Cobalt	59-2	502.03	505.88	509.05	505.65	0.70	ppb
Copper	63-2	1000.91	1011.40	1018.44	1010.25	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				88		%
Iron	56-2	128598.70	129318.07	130116.35	129344.37	0.59	ppb
Iron	57-2	130183.73	132285.20	134064.00	132177.65	1.47	ppb
Krypton	83-1						cps
Lead	206-1	507.88	500.51	499.98	502.79	0.88	ppb
Lead	207-1	508.96	503.54	498.87	503.79	1.00	ppb
Lead	208-1	506.23	501.54	496.83	501.53	0.94	ppb
Lithium	6-1				82		%
Magnesium	24-2	243722.36	248038.81	247762.33	246507.83	0.98	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:40:37	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.37	980.14	977.72	974.74	0.75	ppb
Molybdenum	94-1	2464.17	2421.15	2424.71	2436.68	0.98	ppb
Molybdenum	95-1	2450.88	2446.03	2439.93	2445.61	0.22	ppb
Molybdenum	96-1	2456.80	2443.87	2441.97	2447.55	0.33	ppb
Molybdenum	97-1	2508.70	2468.44	2437.05	2471.39	1.45	ppb
Molybdenum	98-1	2462.60	2450.41	2425.90	2446.30	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.62	523.78	522.10	518.17	1.60	ppb
Phosphorus	31-2	8771.73	8608.63	9540.46	8973.61	5.55	ppb
Potassium	39-2	118773.91	120622.27	123138.30	120844.83	1.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	481.32	451.31	399.67	444.10	9.30	ppb
Selenium	78-2	453.13	460.86	437.58	450.52	2.63	ppb
Selenium	82-1	465.11	475.41	467.85	469.45	1.14	ppb
Silicon	28-1	538.45	542.99	557.49	546.31	1.82	ppb
Silver	109-1	455.63	458.96	459.09	457.89	0.43	ppb
Silver	107-1	451.27	455.02	456.71	454.33	0.61	ppb
Sodium	23-2	247267.84	250439.36	252040.97	249916.06	0.97	ppb
Strontium	86-1	478.02	480.37	474.83	477.74	0.58	ppb
Strontium	88-1	484.55	486.26	486.37	485.72	0.21	ppb
Sulfur	34-1	7563.59	7456.39	7391.92	7470.63	1.16	ppb
Terbium	159-1				123		%
Terbium	159-2				101		%
Thallium	203-1	506.73	499.58	495.84	500.71	1.11	ppb
Thallium	205-1	498.66	498.82	488.81	495.43	1.16	ppb
Tin	118-1	466.97	466.27	471.27	468.17	0.58	ppb
Titanium	47-1	2491.57	2463.11	2464.25	2472.98	0.65	ppb
Uranium	238-1	510.40	511.43	506.17	509.34	0.55	ppb
Vanadium	51-2	493.08	501.39	502.93	499.14	1.06	ppb
Yttrium	89-1				107		%
Yttrium	89-2				90		%
Zinc	66-2	959.48	982.31	982.61	974.80	1.36	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:40:37	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	485.65	487.71	481.65	485.00	0.64	ppb
Zirconium	91-1	486.20	484.30	480.86	483.79	0.56	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : CCB45 Instrumnet Name : P8
 Client Sample ID : CCB45 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 16:43:46 DataFile Name : 058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	2.70	2.97	1.86	90.48	ppb
Antimony	121-1	1.41	1.36	1.04	1.27	15.88	ppb
Arsenic	75-2	-0.08	-0.05	-0.04	-0.06		ppb
Barium	135-1	0.28	0.26	0.17	0.23	25.49	ppb
Barium	137-1	0.23	0.25	0.20	0.23	11.04	ppb
Beryllium	9-1	0.23	0.24	0.11	0.20	36.14	ppb
Bismuth	209-1				120		%
Bismuth	209-2				103		%
Boron	10-1	28.74	29.33	24.56	27.54	9.44	ppb
Boron	11-1	29.75	29.27	26.50	28.51	6.17	ppb
Cadmium	111-1	0.03	-0.13	-0.03	-0.04		ppb
Cadmium	106-1	-0.94	-2.92	-1.59	-1.81		ppb
Cadmium	108-1	0.00	0.14	-0.01	0.04	189.24	ppb
Calcium	43-1	18.84	29.59	17.21	21.88	30.75	ppb
Calcium	44-1	32.58	32.66	25.12	30.12	14.38	ppb
Chromium	52-2	0.03	0.02	0.09	0.05	88.91	ppb
Cobalt	59-2	0.05	0.02	0.01	0.03	87.91	ppb
Copper	63-2	0.46	0.42	0.41	0.43	6.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				92		%
Iron	56-2	12.05	10.26	9.82	10.71	11.01	ppb
Iron	57-2	17.66	12.13	11.06	13.62	25.98	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.03	0.04	27.34	ppb
Lead	207-1	0.05	0.04	0.05	0.05	15.69	ppb
Lead	208-1	0.04	0.03	0.03	0.03	23.49	ppb
Lithium	6-1				91		%
Magnesium	24-2	25.58	16.12	10.44	17.38	44.01	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:43:46	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.21	0.12	0.21	0.18	30.48	ppb
Molybdenum	94-1	1.22	1.19	1.04	1.15	8.24	ppb
Molybdenum	95-1	1.17	1.07	1.05	1.10	5.82	ppb
Molybdenum	96-1	1.28	1.11	0.91	1.10	16.71	ppb
Molybdenum	97-1	1.23	1.28	0.95	1.15	15.33	ppb
Molybdenum	98-1	1.36	1.20	1.00	1.19	15.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.02	0.13	0.08	63.81	ppb
Phosphorus	31-2	-9.10	50.66	-9.10	10.82	318.84	ppb
Potassium	39-2	6.96	2.96	-3.65	2.09	256.57	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.27	0.37	-0.41	-0.44		ppb
Selenium	82-1	0.01	0.14	0.31	0.15	99.38	ppb
Silicon	28-1	-16.43	-13.92	-19.55	-16.63		ppb
Silver	109-1	0.16	0.16	0.13	0.15	11.45	ppb
Silver	107-1	0.13	0.14	0.14	0.14	7.24	ppb
Sodium	23-2	61.23	72.58	71.15	68.32	9.05	ppb
Strontium	86-1	0.02	0.13	0.05	0.07	83.53	ppb
Strontium	88-1	0.07	0.07	0.06	0.06	11.89	ppb
Sulfur	34-1	-2080.32	-1477.93	-2168.19	-1908.81		ppb
Terbium	159-1				120		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.15	0.10	0.12	20.25	ppb
Thallium	205-1	0.13	0.15	0.10	0.13	18.28	ppb
Tin	118-1	0.53	0.53	0.42	0.49	12.08	ppb
Titanium	47-1	0.42	0.36	0.37	0.38	8.99	ppb
Uranium	238-1	0.07	0.08	0.06	0.07	14.27	ppb
Vanadium	51-2	0.02	0.06	0.08	0.05	62.58	ppb
Yttrium	89-1				106		%
Yttrium	89-2				91		%
Zinc	66-2	-0.11	0.00	0.24	0.05	391.89	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:43:46	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.22	0.19	0.21	8.51	ppb
Zirconium	91-1	0.21	0.22	0.24	0.22	6.63	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : PB110474BL Instrumnet Name : P8
 Client Sample ID : PB110474BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 16:47:05 DataFile Name : 059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.65	2.64	1.24	2.18	37.24	ppb
Antimony	121-1	0.32	0.26	0.25	0.28	14.03	ppb
Arsenic	75-2	-0.05	-0.14	-0.10	-0.10		ppb
Barium	135-1	0.03	0.03	0.03	0.03	12.57	ppb
Barium	137-1	0.06	0.08	0.03	0.06	41.14	ppb
Beryllium	9-1	0.15	0.12	0.08	0.12	29.83	ppb
Bismuth	209-1				119		%
Bismuth	209-2				105		%
Boron	10-1	16.16	14.34	17.20	15.90	9.11	ppb
Boron	11-1	18.23	17.18	17.03	17.48	3.72	ppb
Cadmium	111-1	-0.23	-0.17	-0.08	-0.16		ppb
Cadmium	106-1	-3.51	-2.97	-1.71	-2.73		ppb
Cadmium	108-1	0.27	0.04	-0.16	0.05	439.24	ppb
Calcium	43-1	4.82	8.02	4.21	5.68	36.05	ppb
Calcium	44-1	3.54	4.50	-0.87	2.39	119.83	ppb
Chromium	52-2	0.03	0.04	-0.04	0.01	523.13	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.30	0.34	0.30	0.31	8.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				94		%
Iron	56-2	1.70	1.81	2.03	1.85	9.18	ppb
Iron	57-2	2.05	2.48	2.85	2.46	16.26	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.02	0.00		ppb
Lead	207-1	0.02	0.00	0.01	0.01	79.05	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	350.44	ppb
Lithium	6-1				92		%
Magnesium	24-2	4.88	2.83	3.04	3.58	31.38	ppb

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : PB110474BL Instrumnet Name : P8
 Client Sample ID : PB110474BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 16:47:05 DataFile Name : 059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.04	0.02	120.63	ppb
Molybdenum	94-1	0.27	0.35	0.34	0.32	13.63	ppb
Molybdenum	95-1	0.20	0.20	0.13	0.18	22.89	ppb
Molybdenum	96-1	0.16	0.22	0.22	0.20	18.07	ppb
Molybdenum	97-1	0.25	0.22	0.21	0.23	7.71	ppb
Molybdenum	98-1	0.17	0.16	0.17	0.17	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	0.01	0.01	190.80	ppb
Phosphorus	31-2	10.62	-9.10	-9.10	-2.52		ppb
Potassium	39-2	-22.09	-27.99	-26.70	-25.59		ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	5.08	1.69	173.21	ppb
Selenium	78-2	1.18	-0.46	-1.27	-0.18		ppb
Selenium	82-1	0.12	-0.37	-0.05	-0.10		ppb
Silicon	28-1	-18.88	-17.32	-20.09	-18.76		ppb
Silver	109-1	0.07	0.07	0.07	0.07	4.59	ppb
Silver	107-1	0.07	0.07	0.07	0.07	4.93	ppb
Sodium	23-2	22.64	22.43	20.11	21.73	6.47	ppb
Strontium	86-1	0.12	0.02	0.06	0.07	71.98	ppb
Strontium	88-1	0.03	0.03	0.02	0.02	19.13	ppb
Sulfur	34-1	-1583.85	-1414.46	-2045.32	-1681.21		ppb
Terbium	159-1				119		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.06	0.08	0.06	42.94	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.52	ppb
Tin	118-1	0.16	0.16	0.14	0.15	6.54	ppb
Titanium	47-1	0.10	0.16	0.23	0.16	38.80	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	27.22	ppb
Vanadium	51-2	0.03	0.01	0.01	0.02	57.58	ppb
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	-0.24	-0.08	0.06	-0.09		ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110474BL	Instrumnet Name :	P8
Client Sample ID :	PB110474BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:47:05	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.13	0.09	0.11	17.15	ppb
Zirconium	91-1	0.10	0.14	0.14	0.13	17.19	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110474BS	Instrumnet Name :	P8
Client Sample ID :	PB110474BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:50:25	DataFile Name :	060LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9287.60	9343.09	9362.50	9331.06	0.42	ppb
Antimony	121-1	476.94	476.49	476.83	476.76	0.05	ppb
Arsenic	75-2	467.70	470.42	473.29	470.47	0.59	ppb
Barium	135-1	2403.09	2414.77	2390.43	2402.77	0.51	ppb
Barium	137-1	2395.94	2403.54	2385.86	2395.11	0.37	ppb
Beryllium	9-1	510.80	500.24	500.37	503.80	1.20	ppb
Bismuth	209-1				118		%
Bismuth	209-2				102		%
Boron	10-1	466.01	492.05	507.83	488.63	4.32	ppb
Boron	11-1	479.00	479.13	496.06	484.73	2.02	ppb
Cadmium	111-1	466.11	470.07	468.19	468.12	0.42	ppb
Cadmium	106-1	462.08	462.36	467.86	464.10	0.70	ppb
Cadmium	108-1	468.25	469.20	465.46	467.64	0.42	ppb
Calcium	43-1	49582.96	49282.37	48891.85	49252.39	0.70	ppb
Calcium	44-1	49689.85	49342.30	48284.82	49105.66	1.49	ppb
Chromium	52-2	482.67	495.18	496.00	491.29	1.52	ppb
Cobalt	59-2	488.17	505.88	505.48	499.84	2.02	ppb
Copper	63-2	1003.36	1024.55	1030.12	1019.34	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				92		%
Iron	56-2	26320.96	26975.70	26860.88	26719.18	1.31	ppb
Iron	57-2	26244.96	27199.79	27064.93	26836.56	1.93	ppb
Krypton	83-1						cps
Lead	206-1	487.42	494.22	491.10	490.91	0.69	ppb
Lead	207-1	486.53	497.25	483.93	489.23	1.44	ppb
Lead	208-1	489.96	493.27	489.10	490.78	0.45	ppb
Lithium	6-1				91		%
Magnesium	24-2	49810.73	51061.08	51162.98	50678.26	1.49	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110474BS	Instrumnet Name :	P8
Client Sample ID :	PB110474BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:50:25	DataFile Name :	060LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	952.31	975.83	973.05	967.06	1.33	ppb
Molybdenum	94-1	2445.96	2408.23	2418.26	2424.15	0.81	ppb
Molybdenum	95-1	2441.84	2420.75	2435.94	2432.84	0.45	ppb
Molybdenum	96-1	2430.85	2429.70	2422.76	2427.77	0.18	ppb
Molybdenum	97-1	2468.22	2425.86	2457.28	2450.45	0.90	ppb
Molybdenum	98-1	2478.99	2452.77	2452.17	2461.31	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.41	517.77	517.04	510.40	2.38	ppb
Phosphorus	31-2	9072.56	8815.21	8604.92	8830.89	2.65	ppb
Potassium	39-2	23280.64	24096.01	23922.56	23766.40	1.81	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	415.91	497.80	385.42	433.05	13.42	ppb
Selenium	78-2	460.49	450.14	495.45	468.70	5.07	ppb
Selenium	82-1	480.10	477.65	483.50	480.41	0.61	ppb
Silicon	28-1	539.65	551.09	550.92	547.22	1.20	ppb
Silver	109-1	481.93	482.29	478.56	480.92	0.43	ppb
Silver	107-1	476.85	475.92	476.88	476.55	0.11	ppb
Sodium	23-2	49262.27	50319.33	51015.85	50199.15	1.76	ppb
Strontium	86-1	480.50	477.35	476.83	478.23	0.42	ppb
Strontium	88-1	486.24	488.37	484.30	486.30	0.42	ppb
Sulfur	34-1	8354.78	7926.02	7636.87	7972.55	4.53	ppb
Terbium	159-1				120		%
Terbium	159-2				103		%
Thallium	203-1	495.78	497.74	489.90	494.47	0.83	ppb
Thallium	205-1	487.28	493.73	483.15	488.05	1.09	ppb
Tin	118-1	477.79	478.71	485.55	480.68	0.88	ppb
Titanium	47-1	2474.71	2481.74	2444.16	2466.87	0.81	ppb
Uranium	238-1	483.10	487.03	480.11	483.41	0.72	ppb
Vanadium	51-2	480.56	483.06	490.85	484.82	1.11	ppb
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	977.87	1013.06	1012.69	1001.21	2.02	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110474BS	Instrumnet Name :	P8
Client Sample ID :	PB110474BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:50:25	DataFile Name :	060LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	485.23	489.67	486.73	487.21	0.46	ppb
Zirconium	91-1	482.87	484.30	483.54	483.57	0.15	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-13	Instrumnet Name :	P8
Client Sample ID :	S83-0017	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:53:36	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.59	10.76	9.62	9.32	17.27	ppb
Antimony	121-1	4.19	3.24	2.69	3.37	22.58	ppb
Arsenic	75-2	4.73	4.53	4.57	4.61	2.32	ppb
Barium	135-1	2.81	3.01	2.75	2.86	4.67	ppb
Barium	137-1	3.07	2.65	2.70	2.81	8.26	ppb
Beryllium	9-1	0.11	0.22	0.20	0.18	31.99	ppb
Bismuth	209-1				110		%
Bismuth	209-2				87		%
Boron	10-1	41.99	32.80	32.43	35.74	15.16	ppb
Boron	11-1	40.10	35.27	32.61	36.00	10.55	ppb
Cadmium	111-1	0.08	0.01	-0.15	-0.02		ppb
Cadmium	106-1	-3.17	-3.24	-4.86	-3.76		ppb
Cadmium	108-1	0.19	0.09	0.27	0.18	48.80	ppb
Calcium	43-1	8865.41	8681.33	8474.23	8673.66	2.26	ppb
Calcium	44-1	9058.06	8690.80	8612.03	8786.96	2.71	ppb
Chromium	52-2	0.61	0.82	0.75	0.73	15.10	ppb
Cobalt	59-2	1.06	0.96	1.14	1.06	8.60	ppb
Copper	63-2	2.42	2.44	2.57	2.48	3.44	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				108		%
Holmium	165-2				84		%
Indium	115-1				97		%
Indium	115-2				74		%
Iron	56-2	33.15	30.46	41.05	34.89	15.78	ppb
Iron	57-2	29.86	28.63	46.96	35.15	29.14	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.18	0.19	0.20	15.76	ppb
Lead	207-1	0.27	0.19	0.20	0.22	20.83	ppb
Lead	208-1	0.24	0.19	0.19	0.21	15.06	ppb
Lithium	6-1				81		%
Magnesium	24-2	1034.68	990.23	1045.70	1023.54	2.87	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-13	Instrumnet Name :	P8
Client Sample ID :	S83-0017	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:53:36	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1351.79	1307.53	1385.18	1348.16	2.89	ppb
Molybdenum	94-1	2.06	1.81	1.50	1.79	15.53	ppb
Molybdenum	95-1	1.85	1.46	1.25	1.52	20.11	ppb
Molybdenum	96-1	1.85	1.45	1.23	1.51	21.04	ppb
Molybdenum	97-1	1.88	1.70	1.40	1.66	14.68	ppb
Molybdenum	98-1	1.89	1.50	1.21	1.53	22.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.20	3.08	3.18	3.15	2.04	ppb
Phosphorus	31-2	15.93	-9.10	-9.10	-0.76		ppb
Potassium	39-2	2339.38	2283.10	2344.05	2322.18	1.46	ppb
Rhodium	103-1				93		%
Rhodium	103-2				84		%
Scandium	45-1				82		%
Scandium	45-2				70		%
Selenium	77-2	0.00	0.00	6.56	2.19	173.21	ppb
Selenium	78-2	-0.24	0.76	-0.21	0.10	556.17	ppb
Selenium	82-1	0.09	-0.23	-0.10	-0.08		ppb
Silicon	28-1	4296.97	4100.64	4062.18	4153.26	3.03	ppb
Silver	109-1	0.70	0.54	0.45	0.56	22.04	ppb
Silver	107-1	0.72	0.61	0.50	0.61	17.51	ppb
Sodium	23-2	5767.75	5609.96	5818.35	5732.02	1.90	ppb
Strontium	86-1	42.70	41.64	40.99	41.78	2.07	ppb
Strontium	88-1	44.02	42.70	41.82	42.85	2.59	ppb
Sulfur	34-1	-662.92	-1506.17	-1612.61	-1260.57		ppb
Terbium	159-1				106		%
Terbium	159-2				85		%
Thallium	203-1	0.35	0.28	0.25	0.29	16.61	ppb
Thallium	205-1	0.40	0.27	0.23	0.30	29.56	ppb
Tin	118-1	4.91	4.51	4.27	4.57	7.12	ppb
Titanium	47-1	1.16	1.07	0.88	1.03	13.97	ppb
Uranium	238-1	0.11	0.10	0.08	0.10	17.78	ppb
Vanadium	51-2	0.48	0.46	0.42	0.45	7.37	ppb
Yttrium	89-1				91		%
Yttrium	89-2				74		%
Zinc	66-2	10.25	9.76	10.29	10.10	2.92	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-13	Instrumnet Name :	P8
Client Sample ID :	S83-0017	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:53:36	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.54	0.46	0.42	0.47	13.66	ppb
Zirconium	91-1	0.59	0.45	0.48	0.51	14.86	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-14	Instrumnet Name :	P8
Client Sample ID :	S83-0018	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:56:55	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.85	1.22	1.22	2.43	86.11	ppb
Antimony	121-1	0.17	0.20	0.17	0.18	8.65	ppb
Arsenic	75-2	3.78	3.77	4.09	3.88	4.61	ppb
Barium	135-1	2.38	2.52	2.35	2.42	3.88	ppb
Barium	137-1	2.44	2.66	2.45	2.52	4.86	ppb
Beryllium	9-1	0.13	0.15	0.10	0.13	20.12	ppb
Bismuth	209-1				135		%
Bismuth	209-2				110		%
Boron	10-1	20.53	20.24	19.82	20.20	1.78	ppb
Boron	11-1	20.02	20.22	19.47	19.90	1.96	ppb
Cadmium	111-1	-0.07	-0.04	-0.25	-0.12		ppb
Cadmium	106-1	-2.55	-1.87	-4.52	-2.98		ppb
Cadmium	108-1	-0.02	-0.16	-0.02	-0.07		ppb
Calcium	43-1	8317.01	8222.22	8169.05	8236.09	0.91	ppb
Calcium	44-1	8367.72	8387.70	8252.13	8335.85	0.88	ppb
Chromium	52-2	0.35	0.39	0.33	0.36	9.33	ppb
Cobalt	59-2	0.74	0.75	0.76	0.75	1.40	ppb
Copper	63-2	0.63	0.70	0.71	0.68	6.16	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				134		%
Holmium	165-2				107		%
Indium	115-1				124		%
Indium	115-2				97		%
Iron	56-2	24.19	25.64	26.68	25.50	4.91	ppb
Iron	57-2	23.09	20.71	23.67	22.49	6.97	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.01	-0.02	-0.02		ppb
Lead	207-1	-0.02	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.03	-0.02	-0.02	-0.02		ppb
Lithium	6-1				93		%
Magnesium	24-2	922.17	973.39	960.57	952.04	2.80	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-14	Instrumnet Name :	P8
Client Sample ID :	S83-0018	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:56:55	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1136.34	1189.88	1194.56	1173.59	2.76	ppb
Molybdenum	94-1	0.16	0.22	0.15	0.18	22.02	ppb
Molybdenum	95-1	0.26	0.21	0.23	0.24	10.88	ppb
Molybdenum	96-1	0.25	0.27	0.23	0.25	8.77	ppb
Molybdenum	97-1	0.24	0.26	0.30	0.27	11.40	ppb
Molybdenum	98-1	0.30	0.29	0.24	0.28	12.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.77	2.78	3.13	2.89	7.15	ppb
Phosphorus	31-2	9.34	-9.10	29.79	10.01	194.29	ppb
Potassium	39-2	2139.46	2206.44	2307.98	2217.96	3.83	ppb
Rhodium	103-1				121		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.27	1.14	1.93	0.60	276.78	ppb
Selenium	82-1	-0.94	0.52	-0.51	-0.31		ppb
Silicon	28-1	4179.85	4166.87	4134.04	4160.26	0.57	ppb
Silver	109-1	0.06	0.07	0.07	0.07	12.47	ppb
Silver	107-1	0.06	0.05	0.05	0.05	7.54	ppb
Sodium	23-2	4970.37	5172.81	5254.96	5132.71	2.85	ppb
Strontium	86-1	39.68	39.61	40.07	39.79	0.62	ppb
Strontium	88-1	40.70	40.68	40.45	40.61	0.34	ppb
Sulfur	34-1	-2765.96	-2810.36	-2734.51	-2770.28		ppb
Terbium	159-1				133		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.02	0.01	0.02	71.18	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.63	ppb
Tin	118-1	0.08	0.10	0.08	0.09	11.48	ppb
Titanium	47-1	0.22	0.19	0.16	0.19	17.65	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.96	ppb
Vanadium	51-2	0.25	0.23	0.33	0.27	19.07	ppb
Yttrium	89-1				118		%
Yttrium	89-2				96		%
Zinc	66-2	7.67	9.34	8.49	8.50	9.81	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-14	Instrumnet Name :	P8
Client Sample ID :	S83-0018	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:56:55	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.01	0.01	0.01	73.23	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	33.56	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-15	Instrumnet Name :	P8
Client Sample ID :	S83-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:00:14	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	1.08	-1.49	-0.19		ppb
Antimony	121-1	0.05	0.06	0.09	0.06	32.48	ppb
Arsenic	75-2	-0.09	-0.11	-0.07	-0.09		ppb
Barium	135-1	0.06	0.04	0.07	0.05	28.86	ppb
Barium	137-1	0.05	0.05	0.05	0.05	6.31	ppb
Beryllium	9-1	0.09	0.07	0.08	0.08	10.66	ppb
Bismuth	209-1				127		%
Bismuth	209-2				110		%
Boron	10-1	14.39	10.52	11.82	12.24	16.10	ppb
Boron	11-1	12.55	11.49	12.56	12.20	5.04	ppb
Cadmium	111-1	-0.20	-0.26	-0.20	-0.22		ppb
Cadmium	106-1	-3.17	-3.80	-3.17	-3.38		ppb
Cadmium	108-1	-0.10	-0.16	-0.16	-0.14		ppb
Calcium	43-1	26.11	18.21	22.51	22.28	17.75	ppb
Calcium	44-1	18.36	15.86	22.72	18.98	18.30	ppb
Chromium	52-2	0.51	0.38	0.46	0.45	15.39	ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	0.39	0.40	0.47	0.42	9.61	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				128		%
Holmium	165-2				107		%
Indium	115-1				118		%
Indium	115-2				98		%
Iron	56-2	1.19	1.34	1.06	1.19	11.66	ppb
Iron	57-2	2.34	1.77	2.32	2.15	15.15	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.01	-0.01	-0.02		ppb
Lead	207-1	-0.01	-0.02	-0.01	-0.01		ppb
Lead	208-1	-0.02	-0.02	-0.01	-0.02		ppb
Lithium	6-1				92		%
Magnesium	24-2	6.04	3.50	3.45	4.33	34.20	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-15	Instrumnet Name :	P8
Client Sample ID :	S83-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:00:14	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.20	0.29	0.13	0.21	37.28	ppb
Molybdenum	94-1	-0.06	-0.07	-0.03	-0.06		ppb
Molybdenum	95-1	-0.04	-0.01	-0.03	-0.03		ppb
Molybdenum	96-1	0.01	-0.03	-0.02	-0.01		ppb
Molybdenum	97-1	0.00	0.00	0.04	0.02	151.33	ppb
Molybdenum	98-1	0.04	0.00	0.02	0.02	99.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.21	0.18	0.17	29.59	ppb
Phosphorus	31-2	-9.10	9.63	10.10	3.55	308.92	ppb
Potassium	39-2	-21.14	-16.58	1.54	-12.06		ppb
Rhodium	103-1				115		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	4.84	1.61	173.21	ppb
Selenium	78-2	-1.27	-0.49	-0.49	-0.75		ppb
Selenium	82-1	0.11	0.78	0.17	0.35	105.55	ppb
Silicon	28-1	-23.57	-25.51	-18.66	-22.58		ppb
Silver	109-1	0.05	0.04	0.06	0.05	14.43	ppb
Silver	107-1	0.03	0.04	0.04	0.04	17.79	ppb
Sodium	23-2	26.41	24.96	30.09	27.15	9.73	ppb
Strontium	86-1	0.17	0.09	0.12	0.13	29.30	ppb
Strontium	88-1	0.14	0.14	0.13	0.14	4.27	ppb
Sulfur	34-1	-3309.59	-3517.05	-2640.22	-3155.62		ppb
Terbium	159-1				127		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	-0.01	0.02	0.01	185.32	ppb
Titanium	47-1	0.06	0.06	0.08	0.07	20.43	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	52.21	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	33.18	ppb
Yttrium	89-1				113		%
Yttrium	89-2				97		%
Zinc	66-2	8.59	8.62	8.17	8.46	2.92	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-15	Instrumnet Name :	P8
Client Sample ID :	S83-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:00:14	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.00	0.01	142.45	ppb
Zirconium	91-1	0.05	0.03	0.04	0.04	26.74	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:11:33	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47268.93	49500.83	46845.29	47871.68	2.98	ppb
Antimony	121-1	466.67	458.07	470.25	465.00	1.35	ppb
Arsenic	75-2	456.28	498.13	462.90	472.44	4.76	ppb
Barium	135-1	2379.20	2325.43	2395.49	2366.71	1.55	ppb
Barium	137-1	2356.88	2299.62	2364.62	2340.37	1.52	ppb
Beryllium	9-1	503.77	488.44	502.75	498.32	1.72	ppb
Bismuth	209-1				115		%
Bismuth	209-2				97		%
Boron	10-1	496.47	496.19	526.50	506.39	3.44	ppb
Boron	11-1	483.72	490.15	510.21	494.69	2.79	ppb
Cadmium	111-1	444.30	437.41	450.13	443.95	1.43	ppb
Cadmium	106-1	437.41	435.44	442.02	438.29	0.77	ppb
Cadmium	108-1	450.86	444.46	444.53	446.61	0.82	ppb
Calcium	43-1	235336.79	232261.60	236962.85	234853.75	1.02	ppb
Calcium	44-1	234472.36	229201.02	234911.12	232861.50	1.36	ppb
Chromium	52-2	496.61	521.15	493.03	503.60	3.04	ppb
Cobalt	59-2	480.68	511.68	479.57	490.64	3.71	ppb
Copper	63-2	963.98	1022.37	950.41	978.92	3.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				90		%
Iron	56-2	124846.80	131540.27	123773.63	126720.23	3.32	ppb
Iron	57-2	128105.24	134425.58	127438.84	129989.88	2.97	ppb
Krypton	83-1						cps
Lead	206-1	498.45	484.19	501.06	494.57	1.84	ppb
Lead	207-1	500.30	485.36	496.34	494.00	1.57	ppb
Lead	208-1	496.76	487.64	499.52	494.64	1.26	ppb
Lithium	6-1				95		%
Magnesium	24-2	240709.61	253676.87	237842.64	244076.38	3.46	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:11:33	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	954.92	1007.99	942.55	968.49	3.59	ppb
Molybdenum	94-1	2415.20	2390.61	2459.32	2421.71	1.44	ppb
Molybdenum	95-1	2425.04	2394.03	2482.49	2433.85	1.84	ppb
Molybdenum	96-1	2395.99	2392.18	2419.45	2402.54	0.61	ppb
Molybdenum	97-1	2390.51	2417.61	2469.75	2425.96	1.66	ppb
Molybdenum	98-1	2418.10	2385.87	2474.08	2426.01	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.45	524.24	490.46	503.71	3.58	ppb
Phosphorus	31-2	8386.63	9285.82	9240.52	8970.99	5.65	ppb
Potassium	39-2	117646.43	125262.04	117654.13	120187.53	3.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	77-2	466.41	622.83	484.50	524.58	16.31	ppb
Selenium	78-2	466.53	538.47	426.42	477.14	11.90	ppb
Selenium	82-1	461.73	457.08	473.07	463.96	1.77	ppb
Silicon	28-1	528.87	533.38	552.89	538.38	2.37	ppb
Silver	109-1	452.22	449.61	456.04	452.63	0.71	ppb
Silver	107-1	452.40	443.67	453.84	449.97	1.22	ppb
Sodium	23-2	239988.46	257390.26	238587.02	245321.91	4.27	ppb
Strontium	86-1	467.80	459.40	471.64	466.28	1.34	ppb
Strontium	88-1	478.96	471.00	482.28	477.41	1.21	ppb
Sulfur	34-1	8384.96	7997.67	8360.88	8247.83	2.63	ppb
Terbium	159-1				121		%
Terbium	159-2				101		%
Thallium	203-1	496.92	483.59	502.02	494.18	1.93	ppb
Thallium	205-1	494.07	479.18	495.67	489.64	1.86	ppb
Tin	118-1	471.00	456.52	467.48	465.00	1.62	ppb
Titanium	47-1	2458.78	2391.14	2456.65	2435.52	1.58	ppb
Uranium	238-1	500.66	493.04	506.25	499.98	1.33	ppb
Vanadium	51-2	482.48	510.22	477.41	490.04	3.60	ppb
Yttrium	89-1				107		%
Yttrium	89-2				92		%
Zinc	66-2	938.45	1004.90	934.78	959.38	4.11	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:11:33	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	484.26	470.58	482.06	478.97	1.53	ppb
Zirconium	91-1	478.08	471.22	485.67	478.32	1.51	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:14:42	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.66	6.74	1.20	4.54	64.77	ppb
Antimony	121-1	1.56	1.38	1.17	1.37	14.30	ppb
Arsenic	75-2	0.06	-0.08	0.03	0.00	6626.55	ppb
Barium	135-1	0.20	0.16	0.18	0.18	10.81	ppb
Barium	137-1	0.22	0.16	0.18	0.19	16.33	ppb
Beryllium	9-1	0.14	0.19	0.15	0.16	17.10	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	21.31	18.83	20.02	20.06	6.20	ppb
Boron	11-1	22.89	22.90	21.50	22.43	3.59	ppb
Cadmium	111-1	-0.04	-0.12	-0.02	-0.06		ppb
Cadmium	106-1	-1.91	-2.63	-1.19	-1.91		ppb
Cadmium	108-1	-0.09	-0.03	-0.09	-0.07		ppb
Calcium	43-1	17.38	14.90	15.69	15.99	7.92	ppb
Calcium	44-1	13.01	14.66	11.54	13.07	11.96	ppb
Chromium	52-2	0.09	0.04	-0.07	0.02	469.01	ppb
Cobalt	59-2	0.03	0.05	0.00	0.03	77.53	ppb
Copper	63-2	0.11	0.23	0.10	0.15	49.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	10.86	10.57	8.16	9.86	15.04	ppb
Iron	57-2	8.50	8.95	6.60	8.02	15.57	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	-0.01	0.01	118.87	ppb
Lead	207-1	0.03	0.02	0.02	0.02	11.34	ppb
Lead	208-1	0.02	0.02	0.01	0.02	44.35	ppb
Lithium	6-1				90		%
Magnesium	24-2	15.46	14.15	14.63	14.75	4.50	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:14:42	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.13	0.07	0.08	51.07	ppb
Molybdenum	94-1	1.25	1.02	0.92	1.06	16.31	ppb
Molybdenum	95-1	1.14	1.01	0.85	1.00	14.25	ppb
Molybdenum	96-1	1.19	1.03	0.92	1.05	12.82	ppb
Molybdenum	97-1	1.18	1.05	0.88	1.04	14.54	ppb
Molybdenum	98-1	1.21	1.06	0.89	1.05	14.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.01	0.00		ppb
Phosphorus	31-2	-9.10	-9.10	48.94	10.25	326.97	ppb
Potassium	39-2	5.25	-4.55	0.32	0.34	1445.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	-0.45	-0.47	-0.45		ppb
Selenium	82-1	0.36	-0.30	-0.63	-0.19		ppb
Silicon	28-1	-14.89	-14.88	-13.44	-14.41		ppb
Silver	109-1	0.09	0.09	0.10	0.09	4.22	ppb
Silver	107-1	0.09	0.10	0.09	0.09	8.73	ppb
Sodium	23-2	44.06	26.89	30.03	33.66	27.16	ppb
Strontium	86-1	0.07	0.05	-0.04	0.03	219.35	ppb
Strontium	88-1	0.05	0.06	0.04	0.05	13.36	ppb
Sulfur	34-1	-1277.32	-1094.33	-832.66	-1068.10		ppb
Terbium	159-1				114		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.12	0.12	0.12	7.25	ppb
Thallium	205-1	0.16	0.14	0.13	0.14	12.61	ppb
Tin	118-1	0.61	0.54	0.47	0.54	12.77	ppb
Titanium	47-1	0.33	0.28	0.41	0.34	18.25	ppb
Uranium	238-1	0.05	0.05	0.03	0.04	23.10	ppb
Vanadium	51-2	0.05	0.06	0.03	0.05	30.57	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	-0.21	-0.03	-0.10	-0.12		ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:14:42	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.24	0.20	0.22	10.61	ppb
Zirconium	91-1	0.24	0.20	0.25	0.23	11.03	ppb

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:30:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	33	19	89.21	cps
Antimony	121-1	308	192	225	242	24.87	cps
Arsenic	75-2	19	9	22	17	40.05	cps
Barium	135-1	58	33	33	42	34.65	cps
Barium	137-1	108	50	58	72	43.68	cps
Beryllium	9-1	83	78	89	83	6.67	cps
Bismuth	209-1	8286733	8178595	8236327	8233885	0.66	cps
Bismuth	209-2	2857787	2790764	2828494	2825682	1.19	cps
Boron	10-1	267	250	242	253	5.04	cps
Boron	11-1	1067	783	1008	953	15.70	cps
Cadmium	111-1	1618	1611	1686	1638	2.52	cps
Cadmium	106-1	2292	2309	2417	2339	2.90	cps
Cadmium	108-1	17	25	21	21	19.99	cps
Calcium	43-1	508	617	575	567	9.64	cps
Calcium	44-1	22903	23354	22586	22947	1.68	cps
Chromium	52-2	657	677	637	657	3.05	cps
Cobalt	59-2	67	63	130	87	43.34	cps
Copper	63-2	410	427	510	449	11.94	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	50	50	39	49.48	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	58	67	100	75	29.40	cps
Gadolinium	160-2	13	17	3	11	62.48	cps
Holmium	165-1	12750731	12853814	12885656	12830067	0.55	cps
Holmium	165-2	3576781	3488389	3485977	3517049	1.47	cps
Indium	115-1	10958590	11199274	11193571	11117145	1.24	cps
Indium	115-2	599709	592219	596668	596199	0.63	cps
Iron	56-2	1611	1756	1456	1608	9.33	cps
Iron	57-2	61	50	44	52	16.36	cps
Krypton	83-1	320	363	327	337	6.93	cps
Lead	206-1	411	372	394	393	4.97	cps
Lead	207-1	361	328	283	324	12.04	cps
Lead	208-1	1545	1622	1628	1598	2.92	cps
Lithium	6-1	1597528	1640056	1605242	1614275	1.40	cps
Magnesium	24-2	183	183	233	200	14.43	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:30:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	43	60	46	29.58	cps
Molybdenum	94-1	808	833	875	839	4.02	cps
Molybdenum	95-1	617	658	750	675	10.11	cps
Molybdenum	96-1	883	800	733	806	9.33	cps
Molybdenum	97-1	367	592	450	469	24.23	cps
Molybdenum	98-1	942	942	925	936	1.03	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	60	53	50	54	9.35	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3042	3259	3392	3231	5.47	cps
Rhodium	103-1	10669598	10723093	10739370	10710687	0.34	cps
Rhodium	103-2	3412426	3349342	3434498	3398755	1.30	cps
Scandium	45-1	7280989	7268920	7365433	7305114	0.72	cps
Scandium	45-2	69424	69179	69404	69336	0.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	-6	-71	-32	-36	-89.39	cps
Silicon	28-1	313135	314837	312398	313457	0.40	cps
Silver	109-1	33	33	33	33	0.00	cps
Silver	107-1	83	133	100	106	24.12	cps
Sodium	23-2	9971	9854	9454	9759	2.78	cps
Strontium	86-1	483	467	467	472	2.04	cps
Strontium	88-1	75	117	83	92	24.05	cps
Sulfur	34-1	367775	366364	369820	367986	0.47	cps
Terbium	159-1	13221519	13356836	13257818	13278725	0.53	cps
Terbium	159-2	3414739	3312332	3328641	3351904	1.64	cps
Thallium	203-1	192	358	225	258	34.14	cps
Thallium	205-1	675	500	558	578	15.42	cps
Tin	118-1	542	550	475	522	7.87	cps
Titanium	47-1	167	133	83	128	32.83	cps
Uranium	238-1	167	158	200	175	12.60	cps
Vanadium	51-2	17	10	7	11	45.82	cps
Yttrium	89-1	11875176	12117150	12049835	12014054	1.04	cps
Yttrium	89-2	455940	446003	449695	450546	1.11	cps
Zinc	66-2	127	140	143	137	6.45	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:30:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1092	1058	975	1042	5.77	cps
Zirconium	91-1	125	200	183	169	23.24	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:38:18	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	133	100	125	17.63	cps
Antimony	121-1	13416	13457	14400	13758	4.05	cps
Arsenic	75-2	104	89	126	106	17.56	cps
Barium	135-1	14717	14567	14734	14673	0.63	cps
Barium	137-1	25885	25142	25718	25581	1.52	cps
Beryllium	9-1	1050	956	1033	1013	4.98	cps
Bismuth	209-1	8427959	8673072	8294212	8465081	2.27	cps
Bismuth	209-2	2725442	2614077	2756842	2698787	2.78	cps
Boron	10-1	2767	2925	3050	2914	4.87	cps
Boron	11-1	13474	13849	13807	13710	1.50	cps
Cadmium	111-1	3218	3267	3441	3309	3.54	cps
Cadmium	106-1	2550	2400	2792	2581	7.66	cps
Cadmium	108-1	96	96	150	114	27.45	cps
Calcium	43-1	9545	8886	10104	9512	6.41	cps
Calcium	44-1	167136	167757	168365	167753	0.37	cps
Chromium	52-2	2534	2237	2464	2411	6.43	cps
Cobalt	59-2	2084	1813	1917	1938	7.03	cps
Copper	63-2	3647	3434	3504	3528	3.08	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	75	133	42	83	55.68	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	13145012	13562870	13162815	13290232	1.78	cps
Holmium	165-2	3413883	3266247	3441575	3373902	2.79	cps
Indium	115-1	11253497	11552192	11177410	11327699	1.75	cps
Indium	115-2	578102	549024	573648	566925	2.76	cps
Iron	56-2	30874	29003	29732	29870	3.16	cps
Iron	57-2	711	661	750	707	6.30	cps
Krypton	83-1	333	370	353	352	5.21	cps
Lead	206-1	4846	4868	4929	4881	0.88	cps
Lead	207-1	4295	4140	3856	4097	5.43	cps
Lead	208-1	18906	19140	18901	18982	0.72	cps
Lithium	6-1	1649726	1689735	1630174	1656545	1.83	cps
Magnesium	24-2	15509	15292	15401	15401	0.70	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:38:18	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	333	320	318	5.28	cps
Molybdenum	94-1	13591	13040	14041	13557	3.70	cps
Molybdenum	95-1	16093	15985	15818	15966	0.87	cps
Molybdenum	96-1	17303	17896	17529	17576	1.70	cps
Molybdenum	97-1	9537	9821	10229	9862	3.53	cps
Molybdenum	98-1	25266	24473	24941	24893	1.60	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	577	603	577	586	2.63	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	11555	11197	11413	11388	1.59	cps
Rhodium	103-1	10818294	11008558	10617569	10814807	1.81	cps
Rhodium	103-2	3273753	3104244	3316494	3231497	3.47	cps
Scandium	45-1	7298737	7565196	7400952	7421628	1.81	cps
Scandium	45-2	66420	63175	66463	65352	2.89	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	11	7	9	9	19.98	cps
Selenium	82-1	506	430	476	471	8.15	cps
Silicon	28-1	370970	370630	372353	371318	0.25	cps
Silver	109-1	7578	7594	7211	7461	2.91	cps
Silver	107-1	7944	8411	8169	8175	2.86	cps
Sodium	23-2	46468	42523	44947	44646	4.46	cps
Strontium	86-1	2592	2484	2675	2584	3.72	cps
Strontium	88-1	17462	17170	17295	17309	0.85	cps
Sulfur	34-1	377590	372684	376210	375495	0.67	cps
Terbium	159-1	13586666	13924429	13458647	13656581	1.76	cps
Terbium	159-2	3289858	3168810	3302722	3253797	2.27	cps
Thallium	203-1	5493	5443	5660	5532	2.05	cps
Thallium	205-1	13675	13116	12832	13207	3.25	cps
Tin	118-1	24072	24791	25759	24874	3.40	cps
Titanium	47-1	4859	5060	4834	4918	2.51	cps
Uranium	238-1	16328	16612	16311	16417	1.03	cps
Vanadium	51-2	3210	2964	2980	3052	4.52	cps
Yttrium	89-1	12155933	12424977	12096104	12225671	1.43	cps
Yttrium	89-2	436793	417192	434630	429538	2.50	cps
Zinc	66-2	333	323	440	366	17.69	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:38:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10922	11380	11797	11366	3.85	cps
Zirconium	91-1	2409	2575	2417	2467	3.81	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:42:00	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7219	6777	6677	6891	4.19	cps
Antimony	121-1	356731	360148	370993	362624	2.05	cps
Arsenic	75-2	5107	5005	5086	5066	1.06	cps
Barium	135-1	384363	393089	386935	388129	1.16	cps
Barium	137-1	675763	685783	689054	683533	1.01	cps
Beryllium	9-1	52267	51671	50678	51539	1.56	cps
Bismuth	209-1	8392274	8114509	8182573	8229785	1.76	cps
Bismuth	209-2	2820468	2682750	2837214	2780144	3.05	cps
Boron	10-1	5718	5535	5810	5687	2.46	cps
Boron	11-1	26358	26300	27719	26793	3.00	cps
Cadmium	111-1	83283	84181	83624	83696	0.54	cps
Cadmium	106-1	11264	11130	10955	11116	1.39	cps
Cadmium	108-1	6110	5939	5560	5869	4.80	cps
Calcium	43-1	96733	99123	96875	97577	1.37	cps
Calcium	44-1	1640061	1646357	1623907	1636775	0.71	cps
Chromium	52-2	46778	46497	46504	46593	0.34	cps
Cobalt	59-2	95410	96709	96850	96323	0.82	cps
Copper	63-2	166761	169189	166636	167529	0.86	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	67	25	58	50	44.10	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	50	158	175	128	53.12	cps
Gadolinium	160-2	10	20	27	19	44.42	cps
Holmium	165-1	13252447	12700394	12915576	12956139	2.15	cps
Holmium	165-2	3574197	3369056	3557539	3500264	3.26	cps
Indium	115-1	11302334	10915180	10880244	11032586	2.12	cps
Indium	115-2	591645	560014	592015	581224	3.16	cps
Iron	56-2	1565019	1597733	1572091	1578281	1.09	cps
Iron	57-2	39858	39078	39217	39384	1.06	cps
Krypton	83-1	310	300	347	319	7.71	cps
Lead	206-1	222752	225312	225797	224620	0.73	cps
Lead	207-1	202526	205626	202820	203657	0.84	cps
Lead	208-1	915394	916179	920480	917351	0.30	cps
Lithium	6-1	1642245	1576386	1575592	1598074	2.39	cps
Magnesium	24-2	167154	171388	169642	169395	1.26	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:42:00	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26128	26238	26158	26175	0.22	cps
Molybdenum	94-1	659801	664426	664098	662775	0.39	cps
Molybdenum	95-1	812199	813954	813237	813130	0.11	cps
Molybdenum	96-1	894161	900572	894873	896535	0.39	cps
Molybdenum	97-1	505170	506190	501474	504278	0.49	cps
Molybdenum	98-1	1288454	1298796	1297893	1295048	0.44	cps
Neodymium	150-1	20	13	33	22	45.83	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	28703	29094	28446	28748	1.13	cps
Phosphorus	31-2	467	567	508	514	9.78	cps
Potassium	39-2	48986	49998	50032	49672	1.20	cps
Rhodium	103-1	10861593	10618412	10382109	10620705	2.26	cps
Rhodium	103-2	3382004	3215905	3407632	3335180	3.12	cps
Scandium	45-1	7391045	7191214	6966506	7182922	2.96	cps
Scandium	45-2	68647	64802	69159	67536	3.53	cps
Selenium	77-2	17	40	53	37	50.61	cps
Selenium	78-2	141	163	144	149	7.97	cps
Selenium	82-1	5174	5421	5271	5288	2.35	cps
Silicon	28-1	517925	523482	516907	519438	0.68	cps
Silver	109-1	396557	394457	398356	396457	0.49	cps
Silver	107-1	413997	418411	413988	415465	0.61	cps
Sodium	23-2	391954	401339	394056	395783	1.24	cps
Strontium	86-1	102516	103323	100493	102111	1.43	cps
Strontium	88-1	873805	886938	873565	878102	0.87	cps
Sulfur	34-1	405233	402728	406095	404685	0.43	cps
Terbium	159-1	13593486	13287713	13502129	13461109	1.17	cps
Terbium	159-2	3405336	3243372	3422327	3357012	2.94	cps
Thallium	203-1	275430	279067	279566	278021	0.81	cps
Thallium	205-1	663528	669923	676855	670102	0.99	cps
Tin	118-1	241799	241102	244853	242585	0.82	cps
Titanium	47-1	234845	235626	234046	234839	0.34	cps
Uranium	238-1	839863	839425	857220	845503	1.20	cps
Vanadium	51-2	33861	34509	33821	34064	1.13	cps
Yttrium	89-1	11978951	11860028	11599627	11812869	1.64	cps
Yttrium	89-2	448715	427720	448420	441619	2.73	cps
Zinc	66-2	15012	15265	15125	15134	0.84	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:42:00	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	542994	549884	547729	546869	0.64	cps
Zirconium	91-1	120967	120144	119403	120172	0.65	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 13:45:40 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16944	16927	17595	17155	2.22	cps
Antimony	121-1	943863	943617	953147	946876	0.57	cps
Arsenic	75-2	12641	12545	12480	12555	0.65	cps
Barium	135-1	1004365	1002490	1003588	1003481	0.09	cps
Barium	137-1	1744381	1778868	1744888	1756046	1.13	cps
Beryllium	9-1	130862	131640	130379	130960	0.49	cps
Bismuth	209-1	8570334	8613123	8726559	8636672	0.93	cps
Bismuth	209-2	2886462	2886665	2885469	2886199	0.02	cps
Boron	10-1	13632	13982	13874	13829	1.30	cps
Boron	11-1	64162	66530	67635	66109	2.68	cps
Cadmium	111-1	208654	209430	210041	209375	0.33	cps
Cadmium	106-1	23455	24156	23496	23702	1.66	cps
Cadmium	108-1	14679	15046	14934	14886	1.26	cps
Calcium	43-1	245232	244806	245849	245296	0.21	cps
Calcium	44-1	4019321	4036724	4037213	4031086	0.25	cps
Chromium	52-2	115338	114416	115945	115233	0.67	cps
Cobalt	59-2	240111	239384	239943	239813	0.16	cps
Copper	63-2	414960	414692	414128	414593	0.10	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	23	10	20	18	39.03	cps
Gadolinium	160-1	142	100	67	103	36.56	cps
Gadolinium	160-2	23	10	7	13	66.12	cps
Holmium	165-1	13699808	13720399	13780370	13733525	0.30	cps
Holmium	165-2	3598714	3607423	3620680	3608939	0.31	cps
Indium	115-1	11431808	11368818	11582725	11461117	0.96	cps
Indium	115-2	596006	604512	599879	600132	0.71	cps
Iron	56-2	3896615	3947319	3911264	3918399	0.67	cps
Iron	57-2	98602	97573	96644	97606	1.00	cps
Krypton	83-1	350	343	360	351	2.39	cps
Lead	206-1	574998	592811	585811	584540	1.54	cps
Lead	207-1	522335	528160	529683	526726	0.74	cps
Lead	208-1	2354732	2386174	2369151	2370019	0.66	cps
Lithium	6-1	1670732	1684627	1708660	1688006	1.14	cps
Magnesium	24-2	419546	421236	421075	420619	0.22	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:45:40	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	64679	64595	65322	64865	0.61	cps
Molybdenum	94-1	1702535	1672082	1706946	1693854	1.12	cps
Molybdenum	95-1	2098739	2085123	2097438	2093767	0.36	cps
Molybdenum	96-1	2350573	2330456	2341872	2340967	0.43	cps
Molybdenum	97-1	1280602	1284211	1292353	1285722	0.47	cps
Molybdenum	98-1	3298656	3294424	3347759	3313613	0.89	cps
Neodymium	150-1	40	27	47	38	26.95	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	70940	70494	71395	70943	0.64	cps
Phosphorus	31-2	1183	1150	1133	1156	2.20	cps
Potassium	39-2	119588	117562	117126	118092	1.11	cps
Rhodium	103-1	10826670	10924857	10934549	10895358	0.55	cps
Rhodium	103-2	3432105	3460311	3438158	3443525	0.43	cps
Scandium	45-1	7379008	7355052	7410859	7381640	0.38	cps
Scandium	45-2	68446	68472	68479	68466	0.03	cps
Selenium	77-2	73	60	73	69	11.18	cps
Selenium	78-2	311	330	352	331	6.16	cps
Selenium	82-1	13388	13011	13241	13213	1.44	cps
Silicon	28-1	800600	808120	817288	808669	1.03	cps
Silver	109-1	1000615	1001382	1007632	1003210	0.38	cps
Silver	107-1	1040980	1049309	1051593	1047294	0.53	cps
Sodium	23-2	981549	979741	975264	978851	0.33	cps
Strontium	86-1	257299	258948	257625	257958	0.34	cps
Strontium	88-1	2251493	2253714	2249989	2251732	0.08	cps
Sulfur	34-1	441346	439097	438913	439786	0.31	cps
Terbium	159-1	14207825	14143185	14177420	14176143	0.23	cps
Terbium	159-2	3457181	3491005	3472560	3473582	0.49	cps
Thallium	203-1	712088	733990	718725	721601	1.56	cps
Thallium	205-1	1749969	1758035	1751598	1753201	0.24	cps
Tin	118-1	621838	625920	628874	625544	0.56	cps
Titanium	47-1	591229	596354	594751	594111	0.44	cps
Uranium	238-1	2251598	2264656	2247470	2254575	0.40	cps
Vanadium	51-2	84453	83661	84335	84150	0.51	cps
Yttrium	89-1	12185341	12175574	12394336	12251750	1.01	cps
Yttrium	89-2	450134	456915	450706	452585	0.83	cps
Zinc	66-2	36197	36983	36886	36689	1.17	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:45:40	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1402258	1392531	1423140	1405976	1.11	cps
Zirconium	91-1	304230	307106	313009	308115	1.45	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 13:49:15 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36498	35128	34176	35267	3.31	cps
Antimony	121-1	1923458	1964499	1976470	1954809	1.42	cps
Arsenic	75-2	25017	25342	24730	25029	1.22	cps
Barium	135-1	2065482	2077953	2080824	2074753	0.39	cps
Barium	137-1	3588381	3585621	3610076	3594693	0.37	cps
Beryllium	9-1	258902	260875	263409	261062	0.87	cps
Bismuth	209-1	8720538	8882379	8871896	8824938	1.03	cps
Bismuth	209-2	2829030	2883340	2862729	2858366	0.96	cps
Boron	10-1	28103	27820	28713	28212	1.62	cps
Boron	11-1	131213	134963	137167	134448	2.24	cps
Cadmium	111-1	422853	422879	427025	424252	0.57	cps
Cadmium	106-1	46130	46774	47886	46930	1.89	cps
Cadmium	108-1	30163	30940	29879	30327	1.81	cps
Calcium	43-1	491358	491744	494352	492485	0.33	cps
Calcium	44-1	8046401	8004256	8089506	8046721	0.53	cps
Chromium	52-2	227016	226736	227311	227021	0.13	cps
Cobalt	59-2	480223	478828	478181	479077	0.22	cps
Copper	63-2	827819	825784	825364	826322	0.16	cps
Dysprosium	156-1	67	8	83	53	74.62	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	42	42	92	58	49.48	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	58	125	167	117	46.84	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	14068298	14037876	14138334	14081503	0.37	cps
Holmium	165-2	3575875	3563685	3597818	3579126	0.48	cps
Indium	115-1	11563435	11666208	11668766	11632803	0.52	cps
Indium	115-2	581712	593816	583213	586247	1.13	cps
Iron	56-2	7677460	7642719	7682261	7667480	0.28	cps
Iron	57-2	194100	192957	195692	194250	0.71	cps
Krypton	83-1	420	283	397	367	19.94	cps
Lead	206-1	1187530	1201028	1206797	1198452	0.83	cps
Lead	207-1	1068631	1077105	1093565	1079767	1.17	cps
Lead	208-1	4888209	4962649	4983201	4944686	1.01	cps
Lithium	6-1	1694663	1732450	1686989	1704700	1.43	cps
Magnesium	24-2	840758	832715	825702	833058	0.90	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:49:15	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	128158	127435	128830	128141	0.54	cps
Molybdenum	94-1	3487453	3463842	3451243	3467512	0.53	cps
Molybdenum	95-1	4203077	4176825	4277222	4219042	1.23	cps
Molybdenum	96-1	4649316	4677387	4725985	4684229	0.83	cps
Molybdenum	97-1	2678016	2705918	2696262	2693399	0.53	cps
Molybdenum	98-1	6623224	6667415	6757558	6682732	1.02	cps
Neodymium	150-1	100	73	120	98	23.94	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140422	140456	142086	140988	0.67	cps
Phosphorus	31-2	2392	2125	2242	2253	5.93	cps
Potassium	39-2	231125	233343	228416	230962	1.07	cps
Rhodium	103-1	10924793	10963015	11128500	11005436	0.98	cps
Rhodium	103-2	3397737	3471630	3382069	3417145	1.40	cps
Scandium	45-1	7506624	7382643	7546742	7478670	1.14	cps
Scandium	45-2	67903	68583	69169	68552	0.92	cps
Selenium	77-2	177	190	140	169	15.33	cps
Selenium	78-2	570	643	639	617	6.59	cps
Selenium	82-1	26562	27041	26556	26720	1.04	cps
Silicon	28-1	1159050	1172860	1164544	1165484	0.60	cps
Silver	109-1	2057235	2043919	2052637	2051264	0.33	cps
Silver	107-1	2158474	2118847	2143916	2140412	0.94	cps
Sodium	23-2	1962474	1934785	1946235	1947832	0.71	cps
Strontium	86-1	517819	525694	528274	523929	1.04	cps
Strontium	88-1	4483653	4527628	4544862	4518714	0.70	cps
Sulfur	34-1	507074	504002	508106	506394	0.42	cps
Terbium	159-1	14283051	14642626	14652324	14526000	1.45	cps
Terbium	159-2	3464697	3471587	3420783	3452356	0.80	cps
Thallium	203-1	1478251	1475178	1478680	1477370	0.13	cps
Thallium	205-1	3555475	3565568	3597270	3572771	0.61	cps
Tin	118-1	1264259	1278172	1284305	1275579	0.81	cps
Titanium	47-1	1197172	1195665	1204479	1199105	0.39	cps
Uranium	238-1	4538726	4640782	4612723	4597410	1.15	cps
Vanadium	51-2	169919	167932	167650	168500	0.73	cps
Yttrium	89-1	12547121	12588533	12500808	12545487	0.35	cps
Yttrium	89-2	441378	452181	447570	447043	1.21	cps
Zinc	66-2	73363	71831	72193	72463	1.10	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:49:15	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2912538	2874588	2872688	2886605	0.78	cps
Zirconium	91-1	634256	633370	638509	635378	0.43	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 13:52:45 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68810	68516	69237	68854	0.53	cps
Antimony	121-1	3936584	3967178	3948403	3950722	0.39	cps
Arsenic	75-2	50847	50282	50263	50464	0.66	cps
Barium	135-1	4152942	4185171	4169589	4169234	0.39	cps
Barium	137-1	7299441	7203080	7236284	7246268	0.68	cps
Beryllium	9-1	521140	521295	523064	521833	0.20	cps
Bismuth	209-1	9132561	9054050	9250209	9145606	1.08	cps
Bismuth	209-2	2693125	2885565	2903280	2827323	4.12	cps
Boron	10-1	54705	58010	58295	57003	3.50	cps
Boron	11-1	269969	277521	278962	275484	1.75	cps
Cadmium	111-1	858094	859456	856316	857955	0.18	cps
Cadmium	106-1	92810	92718	92241	92590	0.33	cps
Cadmium	108-1	61691	60435	61260	61128	1.04	cps
Calcium	43-1	996904	998945	994406	996752	0.23	cps
Calcium	44-1	16174246	16193947	16163975	16177389	0.09	cps
Chromium	52-2	461323	456059	454250	457211	0.80	cps
Cobalt	59-2	960469	947550	955743	954587	0.68	cps
Copper	63-2	1684325	1649289	1647182	1660265	1.26	cps
Dysprosium	156-1	100	75	33	69	48.50	cps
Dysprosium	156-2	23	13	17	18	28.64	cps
Erbium	164-1	33	42	83	53	50.76	cps
Erbium	164-2	13	17	30	20	44.10	cps
Gadolinium	160-1	42	125	117	94	48.60	cps
Gadolinium	160-2	10	37	7	18	92.48	cps
Holmium	165-1	14457066	14570278	14597251	14541532	0.51	cps
Holmium	165-2	3439704	3667072	3691771	3599516	3.86	cps
Indium	115-1	11869899	11847881	11783853	11833878	0.38	cps
Indium	115-2	557639	588477	589329	578482	3.12	cps
Iron	56-2	15630002	15311862	15497104	15479656	1.03	cps
Iron	57-2	389545	388430	386321	388099	0.42	cps
Krypton	83-1	390	463	330	394	16.93	cps
Lead	206-1	2498252	2493577	2490515	2494114	0.16	cps
Lead	207-1	2277954	2269117	2329488	2292186	1.42	cps
Lead	208-1	10178634	10172534	10272151	10207773	0.55	cps
Lithium	6-1	1712436	1703258	1730056	1715250	0.79	cps
Magnesium	24-2	1708691	1707495	1661770	1692652	1.58	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:52:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	259677	257674	259741	259031	0.45	cps
Molybdenum	94-1	6870987	6964762	6911289	6915679	0.68	cps
Molybdenum	95-1	8418569	8494457	8442789	8451938	0.46	cps
Molybdenum	96-1	9404539	9444446	9464424	9437803	0.32	cps
Molybdenum	97-1	5354766	5449685	5356755	5387069	1.01	cps
Molybdenum	98-1	13561258	13562848	13614433	13579513	0.22	cps
Neodymium	150-1	173	207	207	196	9.84	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	280090	278271	276588	278316	0.63	cps
Phosphorus	31-2	4468	4951	4051	4490	10.04	cps
Potassium	39-2	458006	460247	456720	458324	0.39	cps
Rhodium	103-1	11126625	11158125	11174760	11153170	0.22	cps
Rhodium	103-2	3240820	3405495	3416016	3354110	2.93	cps
Scandium	45-1	7477875	7491349	7553454	7507560	0.54	cps
Scandium	45-2	64378	68908	68479	67255	3.72	cps
Selenium	77-2	397	343	320	353	11.12	cps
Selenium	78-2	1239	1276	1104	1206	7.52	cps
Selenium	82-1	53968	54133	54051	54051	0.15	cps
Silicon	28-1	1978426	1972072	2001015	1983838	0.77	cps
Silver	109-1	4081990	4117992	4153228	4117736	0.87	cps
Silver	107-1	4298451	4334992	4328645	4320696	0.45	cps
Sodium	23-2	3903104	3864453	3821964	3863174	1.05	cps
Strontium	86-1	1063258	1061737	1063851	1062948	0.10	cps
Strontium	88-1	9093297	9114699	9060497	9089498	0.30	cps
Sulfur	34-1	648803	647315	645292	647137	0.27	cps
Terbium	159-1	14993542	14897212	14864626	14918460	0.45	cps
Terbium	159-2	3340897	3521407	3496632	3452979	2.83	cps
Thallium	203-1	3070405	3090924	3121327	3094219	0.83	cps
Thallium	205-1	7317825	7252297	7194282	7254801	0.85	cps
Tin	118-1	2639073	2604475	2601797	2615115	0.80	cps
Titanium	47-1	2432392	2419140	2438423	2429985	0.41	cps
Uranium	238-1	9417990	9354673	9397210	9389958	0.34	cps
Vanadium	51-2	338068	335699	335490	336419	0.43	cps
Yttrium	89-1	12751940	12758394	12594093	12701476	0.73	cps
Yttrium	89-2	427470	453391	450647	443836	3.21	cps
Zinc	66-2	145046	143450	145160	144552	0.66	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:52:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5763723	5703968	5783219	5750303	0.72	cps
Zirconium	91-1	1270051	1290128	1280436	1280205	0.78	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:56:09	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136510	137259	140245	138005	1.43	cps
Antimony	121-1	7868747	7887609	7907763	7888040	0.25	cps
Arsenic	75-2	100506	101334	101181	101007	0.44	cps
Barium	135-1	8298555	8283511	8267552	8283206	0.19	cps
Barium	137-1	14500324	14569588	14654809	14574907	0.53	cps
Beryllium	9-1	1040565	1039931	1029940	1036812	0.57	cps
Bismuth	209-1	9346045	9051765	9076765	9158192	1.78	cps
Bismuth	209-2	2877837	2855241	2669102	2800727	4.09	cps
Boron	10-1	112951	115101	116219	114757	1.45	cps
Boron	11-1	531773	549922	558723	546806	2.51	cps
Cadmium	111-1	1700362	1749031	1731164	1726853	1.43	cps
Cadmium	106-1	182629	183008	182242	182626	0.21	cps
Cadmium	108-1	121726	123644	121987	122452	0.85	cps
Calcium	43-1	2005373	2036762	2038323	2026819	0.92	cps
Calcium	44-1	32215927	32524531	32406916	32382458	0.48	cps
Chromium	52-2	904181	900662	905994	903612	0.30	cps
Cobalt	59-2	1880796	1923782	1938478	1914352	1.57	cps
Copper	63-2	3207517	3228305	3254276	3230033	0.73	cps
Dysprosium	156-1	175	108	217	167	32.79	cps
Dysprosium	156-2	27	13	23	21	32.88	cps
Erbium	164-1	92	108	125	108	15.39	cps
Erbium	164-2	17	10	23	17	39.99	cps
Gadolinium	160-1	133	167	108	136	21.50	cps
Gadolinium	160-2	33	17	30	27	33.06	cps
Holmium	165-1	15068406	14635723	14927089	14877073	1.48	cps
Holmium	165-2	3701092	3657070	3450829	3602997	3.71	cps
Indium	115-1	12044910	11799675	11876424	11907003	1.05	cps
Indium	115-2	578191	582633	539684	566836	4.17	cps
Iron	56-2	30673312	30590633	30739217	30667721	0.24	cps
Iron	57-2	767235	774094	773998	771776	0.51	cps
Krypton	83-1	317	310	360	329	8.26	cps
Lead	206-1	4947862	4931301	4976156	4951773	0.46	cps
Lead	207-1	4489372	4581990	4597854	4556406	1.29	cps
Lead	208-1	20024899	20213877	20409610	20216128	0.95	cps
Lithium	6-1	1780177	1741615	1734914	1752235	1.39	cps
Magnesium	24-2	3308876	3317649	3345220	3323915	0.57	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:56:09	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	509392	512744	515846	512661	0.63	cps
Molybdenum	94-1	13875183	13841033	13875380	13863865	0.14	cps
Molybdenum	95-1	16951374	17134684	16986055	17024038	0.57	cps
Molybdenum	96-1	19002393	19092234	19100986	19065204	0.29	cps
Molybdenum	97-1	10748345	10697353	10702307	10716002	0.26	cps
Molybdenum	98-1	27247243	27335086	27010603	27197644	0.62	cps
Neodymium	150-1	287	320	427	344	21.23	cps
Neodymium	150-2	23	20	20	21	9.11	cps
Nickel	60-2	548946	545485	551211	548547	0.53	cps
Phosphorus	31-2	9395	9987	8870	9417	5.94	cps
Potassium	39-2	907216	903408	915116	908580	0.66	cps
Rhodium	103-1	11321345	11009443	10926879	11085889	1.88	cps
Rhodium	103-2	3359009	3412056	3099118	3290061	5.09	cps
Scandium	45-1	7766354	7541891	7575475	7627906	1.59	cps
Scandium	45-2	69062	69293	64161	67506	4.29	cps
Selenium	77-2	707	617	747	690	9.65	cps
Selenium	78-2	2369	2350	2409	2376	1.28	cps
Selenium	82-1	106716	107135	107712	107187	0.47	cps
Silicon	28-1	3468191	3528091	3516702	3504328	0.91	cps
Silver	109-1	8024000	8127611	8066972	8072861	0.64	cps
Silver	107-1	8397403	8546109	8571859	8505124	1.11	cps
Sodium	23-2	7522945	7537056	7561402	7540468	0.26	cps
Strontium	86-1	2144247	2180743	2159032	2161341	0.85	cps
Strontium	88-1	18019968	18307174	18291870	18206337	0.89	cps
Sulfur	34-1	925123	936682	930538	930781	0.62	cps
Terbium	159-1	15551987	15084579	15134969	15257178	1.68	cps
Terbium	159-2	3522526	3526250	3306558	3451778	3.64	cps
Thallium	203-1	6078162	6072968	6137456	6096195	0.59	cps
Thallium	205-1	14394937	14451203	14616295	14487478	0.79	cps
Tin	118-1	5216510	5241488	5190828	5216275	0.49	cps
Titanium	47-1	4736600	4833202	4780695	4783499	1.01	cps
Uranium	238-1	18876903	19160697	18964377	19000659	0.76	cps
Vanadium	51-2	667425	667291	676277	670331	0.77	cps
Yttrium	89-1	13073921	12675523	12653216	12800886	1.85	cps
Yttrium	89-2	451312	452145	417256	440238	4.52	cps
Zinc	66-2	280219	282016	284024	282087	0.67	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:56:09	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11571563	11654429	11601815	11609269	0.36	cps
Zirconium	91-1	2569719	2608541	2622563	2600274	1.05	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:59:28	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700269	708759	712325	707118	0.88	cps
Antimony	121-1	25033	22804	22436	23425	6.00	cps
Arsenic	75-2	178	128	144	150	16.97	cps
Barium	135-1	2059	1767	1717	1847	9.99	cps
Barium	137-1	3559	3376	3109	3348	6.76	cps
Beryllium	9-1	506	367	328	400	23.37	cps
Bismuth	209-1	8423568	8235965	8319248	8326260	1.13	cps
Bismuth	209-2	2739844	2753589	2733863	2742432	0.37	cps
Boron	10-1	6268	5059	4876	5401	14.00	cps
Boron	11-1	27728	25924	24171	25941	6.86	cps
Cadmium	111-1	2289	2416	1924	2210	11.54	cps
Cadmium	106-1	2542	2767	2275	2528	9.74	cps
Cadmium	108-1	58	54	50	54	7.69	cps
Calcium	43-1	9562138	9615510	9750845	9642831	1.01	cps
Calcium	44-1	157660937	157465579	158982499	158036338	0.52	cps
Chromium	52-2	30266	30487	30670	30474	0.66	cps
Cobalt	59-2	22742	23243	22572	22852	1.53	cps
Copper	63-2	6462	6462	6478	6467	0.15	cps
Dysprosium	156-1	142	108	92	114	22.35	cps
Dysprosium	156-2	23	30	7	20	60.08	cps
Erbium	164-1	58	83	117	86	33.98	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	133	75	133	114	29.57	cps
Gadolinium	160-2	37	33	33	34	5.60	cps
Holmium	165-1	14232366	13997545	14187512	14139141	0.88	cps
Holmium	165-2	3713237	3704982	3710312	3709510	0.11	cps
Indium	115-1	11505306	11179272	11246209	11310262	1.52	cps
Indium	115-2	589788	588090	596526	591468	0.75	cps
Iron	56-2	148471792	147928426	148388464	148262894	0.20	cps
Iron	57-2	3722276	3664423	3764436	3717045	1.35	cps
Krypton	83-1	330	377	407	371	10.41	cps
Lead	206-1	29769	29663	28327	29253	2.75	cps
Lead	207-1	25342	23923	24402	24556	2.94	cps
Lead	208-1	116421	114069	112531	114340	1.71	cps
Lithium	6-1	1723509	1719713	1744924	1729382	0.79	cps
Magnesium	24-2	16508663	16634199	16709483	16617448	0.61	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:59:28	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2234	2310	2557	2367	7.14	cps
Molybdenum	94-1	18722	18288	17253	18088	4.17	cps
Molybdenum	95-1	29224	28339	27621	28395	2.83	cps
Molybdenum	96-1	33726	32598	31295	32540	3.74	cps
Molybdenum	97-1	18638	17479	16744	17621	5.42	cps
Molybdenum	98-1	47301	45210	43613	45374	4.08	cps
Neodymium	150-1	100	87	160	116	33.81	cps
Neodymium	150-2	20	20	10	17	34.64	cps
Nickel	60-2	15529	16046	16033	15869	1.86	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	4639542	4642842	4709876	4664087	0.85	cps
Rhodium	103-1	10396427	10174462	10418656	10329848	1.31	cps
Rhodium	103-2	3228691	3231303	3284349	3248114	0.97	cps
Scandium	45-1	7406024	7411705	7555145	7457624	1.13	cps
Scandium	45-2	71149	70938	71366	71151	0.30	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	9	9	7	43.34	cps
Selenium	82-1	148	39	24	70	95.67	cps
Silicon	28-1	351224	351316	350367	350969	0.15	cps
Silver	109-1	1767	1258	1442	1489	17.29	cps
Silver	107-1	2175	1350	1233	1586	32.37	cps
Sodium	23-2	37750720	37928146	37832768	37837211	0.23	cps
Strontium	86-1	11505	10763	10913	11061	3.55	cps
Strontium	88-1	92262	91280	89703	91081	1.42	cps
Sulfur	34-1	353644	356942	357289	355959	0.57	cps
Terbium	159-1	14652247	14382801	14572593	14535880	0.95	cps
Terbium	159-2	3540590	3539047	3589839	3556492	0.81	cps
Thallium	203-1	4059	3617	3351	3676	9.74	cps
Thallium	205-1	9245	8378	7728	8450	9.01	cps
Tin	118-1	14767	14091	13841	14233	3.37	cps
Titanium	47-1	3167	2925	2742	2945	7.24	cps
Uranium	238-1	3717	3067	2400	3062	21.51	cps
Vanadium	51-2	280	293	247	273	8.79	cps
Yttrium	89-1	12596717	12322015	12432495	12450409	1.11	cps
Yttrium	89-2	464394	464369	470435	466399	0.75	cps
Zinc	66-2	1847	1903	1843	1865	1.81	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 13:59:28	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5093	4401	4576	4690	7.67	cps
Zirconium	91-1	1117	1108	1075	1100	2.00	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 14:10:53 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3484	3834	3509	3609	5.41	cps
Antimony	121-1	1377762	1434308	1455638	1422570	2.83	cps
Arsenic	75-2	21075	21122	21187	21128	0.26	cps
Barium	135-1	148341	156362	157072	153925	3.15	cps
Barium	137-1	257864	268051	272395	266103	2.80	cps
Beryllium	9-1	96164	98552	101282	98666	2.60	cps
Bismuth	209-1	8159750	8266058	8412681	8279496	1.53	cps
Bismuth	209-2	2936642	3006763	3001225	2981543	1.31	cps
Boron	10-1	54011	57165	58244	56473	3.90	cps
Boron	11-1	254735	271719	281115	269190	4.97	cps
Cadmium	111-1	156308	160989	164962	160753	2.69	cps
Cadmium	106-1	16002	16619	16953	16525	2.92	cps
Cadmium	108-1	10584	10734	10992	10770	1.92	cps
Calcium	43-1	37961	40384	40050	39465	3.33	cps
Calcium	44-1	636854	653788	673228	654624	2.78	cps
Chromium	52-2	92463	91285	93952	92567	1.44	cps
Cobalt	59-2	198519	196876	200514	198636	0.92	cps
Copper	63-2	171919	170161	171274	171118	0.52	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	58	92	56	67.63	cps
Erbium	164-2	13	27	27	22	34.66	cps
Gadolinium	160-1	33	100	50	61	56.78	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	12765728	13048629	13146401	12986919	1.52	cps
Holmium	165-2	3659429	3774927	3758779	3731045	1.68	cps
Indium	115-1	11153634	11271168	11444725	11289842	1.30	cps
Indium	115-2	628603	641224	635797	635208	1.00	cps
Iron	56-2	640328	635579	639388	638432	0.39	cps
Iron	57-2	15848	15553	16260	15887	2.23	cps
Krypton	83-1	317	360	423	367	14.63	cps
Lead	206-1	870710	892743	906018	889824	2.00	cps
Lead	207-1	757806	783940	790294	777347	2.22	cps
Lead	208-1	3539495	3638219	3695278	3624331	2.17	cps
Lithium	6-1	1603715	1635505	1674777	1637999	2.17	cps
Magnesium	24-2	42314	41378	41194	41629	1.44	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:10:53	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26686	26358	26966	26670	1.14	cps
Molybdenum	94-1	906319	923369	950904	926864	2.43	cps
Molybdenum	95-1	1605496	1656557	1678511	1646855	2.27	cps
Molybdenum	96-1	1710504	1775703	1798518	1761575	2.59	cps
Molybdenum	97-1	983282	1008612	1032314	1008069	2.43	cps
Molybdenum	98-1	2545188	2642054	2671568	2619604	2.52	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	58653	58402	59302	58786	0.79	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	40869	41955	42883	41902	2.41	cps
Rhodium	103-1	10639187	10844347	10985033	10822856	1.61	cps
Rhodium	103-2	3523145	3620961	3557081	3567062	1.39	cps
Scandium	45-1	7220098	7322533	7532000	7358211	2.16	cps
Scandium	45-2	72449	74389	74456	73764	1.55	cps
Selenium	77-2	170	170	160	167	3.47	cps
Selenium	78-2	524	519	478	507	4.99	cps
Selenium	82-1	20254	20343	21106	20568	2.28	cps
Silicon	28-1	314495	315653	312764	314304	0.46	cps
Silver	109-1	753120	775379	784895	771131	2.11	cps
Silver	107-1	788705	812615	826073	809131	2.34	cps
Sodium	23-2	172044	172034	175418	173165	1.13	cps
Strontium	86-1	4626	5476	5651	5251	10.45	cps
Strontium	88-1	41188	41665	41740	41531	0.72	cps
Sulfur	34-1	359207	364487	363126	362273	0.76	cps
Terbium	159-1	13332467	13539675	13709614	13527252	1.40	cps
Terbium	159-2	3555892	3620476	3609783	3595384	0.96	cps
Thallium	203-1	1089598	1124689	1137158	1117148	2.21	cps
Thallium	205-1	2670391	2735203	2788312	2731302	2.16	cps
Tin	118-1	1709	1483	1475	1556	8.51	cps
Titanium	47-1	342	358	467	389	17.45	cps
Uranium	238-1	358	342	225	308	23.56	cps
Vanadium	51-2	68560	69083	70094	69246	1.13	cps
Yttrium	89-1	11903936	12118291	12230631	12084286	1.37	cps
Yttrium	89-2	475699	484712	479792	480068	0.94	cps
Zinc	66-2	30791	29836	30570	30399	1.65	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:10:53	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2942	2400	2500	2614	11.03	cps
Zirconium	91-1	758	558	733	683	15.95	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:15:24	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	175	250	186	31.77	cps
Antimony	121-1	18781	18413	18272	18489	1.42	cps
Arsenic	75-2	93	133	122	116	18.15	cps
Barium	135-1	14967	15293	15118	15126	1.08	cps
Barium	137-1	25601	25976	26227	25935	1.22	cps
Beryllium	9-1	1117	1245	1156	1172	5.59	cps
Bismuth	209-1	8624761	8566704	8532661	8574709	0.54	cps
Bismuth	209-2	3020663	2991858	2834691	2949071	3.39	cps
Boron	10-1	4943	4976	5310	5076	4.00	cps
Boron	11-1	24104	22969	23595	23556	2.41	cps
Cadmium	111-1	3343	3346	3410	3366	1.12	cps
Cadmium	106-1	2600	2509	2584	2564	1.90	cps
Cadmium	108-1	117	92	100	103	12.39	cps
Calcium	43-1	10087	9612	9787	9829	2.45	cps
Calcium	44-1	176286	177838	179237	177787	0.83	cps
Chromium	52-2	2660	2694	2554	2636	2.77	cps
Cobalt	59-2	2074	1994	2017	2028	2.03	cps
Copper	63-2	3511	3997	3717	3742	6.53	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	83	42	87.18	cps
Erbium	164-2	3	23	20	16	68.90	cps
Gadolinium	160-1	83	83	75	81	5.98	cps
Gadolinium	160-2	3	3	17	8	99.04	cps
Holmium	165-1	13594132	13353409	13572947	13506829	0.99	cps
Holmium	165-2	3813030	3748970	3507427	3689809	4.37	cps
Indium	115-1	11732295	11531722	11678345	11647454	0.89	cps
Indium	115-2	642561	638500	598397	626486	3.90	cps
Iron	56-2	34137	33981	34203	34107	0.34	cps
Iron	57-2	845	839	872	852	2.10	cps
Krypton	83-1	373	407	383	388	4.41	cps
Lead	206-1	4812	4934	4879	4875	1.26	cps
Lead	207-1	4279	4329	4079	4229	3.13	cps
Lead	208-1	19590	20213	19579	19794	1.83	cps
Lithium	6-1	1712161	1724219	1692352	1709577	0.94	cps
Magnesium	24-2	17537	17228	17370	17378	0.89	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:15:24	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	280	327	293	300	8.01	cps
Molybdenum	94-1	14475	14158	14700	14444	1.89	cps
Molybdenum	95-1	17212	16753	17504	17156	2.21	cps
Molybdenum	96-1	19615	18764	19556	19312	2.46	cps
Molybdenum	97-1	11238	10805	10696	10913	2.63	cps
Molybdenum	98-1	27721	27554	27688	27654	0.32	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	690	810	677	726	10.12	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	13257	12631	12448	12779	3.32	cps
Rhodium	103-1	11429382	11186601	11139552	11251845	1.38	cps
Rhodium	103-2	3644366	3624587	3386708	3551887	4.04	cps
Scandium	45-1	7791231	7637224	7680910	7703122	1.03	cps
Scandium	45-2	73933	74188	70363	72828	2.94	cps
Selenium	77-2	17	3	7	9	78.08	cps
Selenium	78-2	20	20	24	22	9.89	cps
Selenium	82-1	412	465	472	450	7.33	cps
Silicon	28-1	362546	359341	361495	361128	0.45	cps
Silver	109-1	7394	7769	8336	7833	6.06	cps
Silver	107-1	8686	8236	8153	8359	3.43	cps
Sodium	23-2	52097	51561	51428	51695	0.69	cps
Strontium	86-1	2500	2475	2500	2492	0.58	cps
Strontium	88-1	18346	18288	18088	18241	0.74	cps
Sulfur	34-1	368748	366040	364938	366575	0.53	cps
Terbium	159-1	14067959	14056344	14059921	14061408	0.04	cps
Terbium	159-2	3635789	3631606	3402663	3556686	3.75	cps
Thallium	203-1	6219	6669	6127	6338	4.58	cps
Thallium	205-1	14909	15001	15051	14987	0.48	cps
Tin	118-1	25383	25659	26101	25714	1.41	cps
Titanium	47-1	4918	4784	4709	4804	2.20	cps
Uranium	238-1	16637	17321	17121	17026	2.07	cps
Vanadium	51-2	3064	3340	3250	3218	4.39	cps
Yttrium	89-1	12774684	12574560	12637502	12662249	0.81	cps
Yttrium	89-2	486668	485223	453501	475131	3.95	cps
Zinc	66-2	433	537	470	480	10.91	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:15:24	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12623	13057	12782	12820	1.71	cps
Zirconium	91-1	2884	2992	2892	2923	2.06	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 14:19:33 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	0	25	31	110.22	cps
Antimony	121-1	1784	1717	1567	1689	6.57	cps
Arsenic	75-2	15	11	7	11	33.30	cps
Barium	135-1	83	83	67	78	12.37	cps
Barium	137-1	117	92	125	111	15.61	cps
Beryllium	9-1	111	133	100	115	14.78	cps
Bismuth	209-1	8547475	8516549	8727261	8597095	1.32	cps
Bismuth	209-2	3015543	3000985	2998665	3005064	0.30	cps
Boron	10-1	1550	1533	1342	1475	7.85	cps
Boron	11-1	6593	6760	6293	6549	3.61	cps
Cadmium	111-1	1691	1784	1753	1743	2.69	cps
Cadmium	106-1	2409	2575	2450	2478	3.50	cps
Cadmium	108-1	4	33	0	13	145.28	cps
Calcium	43-1	575	633	483	564	13.41	cps
Calcium	44-1	25065	24431	25140	24879	1.57	cps
Chromium	52-2	680	593	723	666	9.95	cps
Cobalt	59-2	97	93	120	103	14.06	cps
Copper	63-2	387	477	353	406	15.73	cps
Dysprosium	156-1	25	0	33	19	89.21	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	58	133	125	106	38.94	cps
Gadolinium	160-2	10	7	23	13	66.12	cps
Holmium	165-1	13706571	13443108	13726859	13625512	1.16	cps
Holmium	165-2	3737528	3763655	3736348	3745844	0.41	cps
Indium	115-1	11646629	11639419	11895128	11727059	1.24	cps
Indium	115-2	635307	644379	636619	638768	0.77	cps
Iron	56-2	2134	2506	2556	2398	9.62	cps
Iron	57-2	56	72	128	85	44.39	cps
Krypton	83-1	283	373	440	366	21.51	cps
Lead	206-1	422	461	478	454	6.28	cps
Lead	207-1	433	422	417	424	2.00	cps
Lead	208-1	1845	1900	1889	1878	1.57	cps
Lithium	6-1	1684928	1657695	1737346	1693323	2.39	cps
Magnesium	24-2	267	308	217	264	17.39	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 14:19:33 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	33	53	44	22.92	cps
Molybdenum	94-1	775	867	925	856	8.84	cps
Molybdenum	95-1	675	625	567	622	8.71	cps
Molybdenum	96-1	633	783	817	745	13.12	cps
Molybdenum	97-1	692	483	333	503	35.79	cps
Molybdenum	98-1	1050	1042	883	992	9.47	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	70	50	77	66	21.17	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3726	3534	3884	3715	4.72	cps
Rhodium	103-1	11351022	11123780	11568604	11347802	1.96	cps
Rhodium	103-2	3628148	3644150	3595571	3622623	0.68	cps
Scandium	45-1	7759329	7675466	7827715	7754170	0.98	cps
Scandium	45-2	73407	74222	73149	73593	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	30	-61	-115	-49	-151.08	cps
Silicon	28-1	306637	306106	308328	307024	0.38	cps
Silver	109-1	67	100	108	92	24.05	cps
Silver	107-1	100	92	142	111	24.11	cps
Sodium	23-2	12740	13248	13198	13062	2.15	cps
Strontium	86-1	442	483	533	486	9.44	cps
Strontium	88-1	283	283	208	258	16.76	cps
Sulfur	34-1	370478	367295	362948	366907	1.03	cps
Terbium	159-1	14253388	13804160	14386920	14148156	2.16	cps
Terbium	159-2	3574672	3643708	3618329	3612236	0.97	cps
Thallium	203-1	592	492	400	494	19.39	cps
Thallium	205-1	1408	1233	1142	1261	10.74	cps
Tin	118-1	942	1067	1158	1056	10.30	cps
Titanium	47-1	150	75	150	125	34.64	cps
Uranium	238-1	100	75	200	125	52.91	cps
Vanadium	51-2	20	23	17	20	16.65	cps
Yttrium	89-1	12628164	12566286	12846538	12680329	1.16	cps
Yttrium	89-2	485333	485322	485175	485277	0.02	cps
Zinc	66-2	133	170	150	151	12.15	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:19:33	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1475	1300	1275	1350	8.07	cps
Zirconium	91-1	317	300	275	297	7.06	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:33:13	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	648040	645925	628800	640922	1.65	cps
Antimony	121-1	18188	16920	16761	17290	4.52	cps
Arsenic	75-2	43	46	52	47	9.93	cps
Barium	135-1	2642	2559	2509	2570	2.62	cps
Barium	137-1	4859	4693	4584	4712	2.94	cps
Beryllium	9-1	506	494	411	470	10.97	cps
Bismuth	209-1	8582947	8551961	8390334	8508414	1.22	cps
Bismuth	209-2	2827406	2814726	2942312	2861481	2.46	cps
Boron	10-1	2467	2467	2225	2386	5.85	cps
Boron	11-1	11905	11672	10880	11486	4.68	cps
Cadmium	111-1	2412	2283	2228	2308	4.10	cps
Cadmium	106-1	2467	2600	2434	2500	3.53	cps
Cadmium	108-1	1021	1000	1013	1011	1.04	cps
Calcium	43-1	1917478	1905549	1933857	1918961	0.74	cps
Calcium	44-1	30667231	31016641	30919963	30867945	0.58	cps
Chromium	52-2	18045	18055	17424	17842	2.03	cps
Cobalt	59-2	2227	2210	2164	2200	1.49	cps
Copper	63-2	12996	12586	12202	12595	3.15	cps
Dysprosium	156-1	33	8	50	31	68.64	cps
Dysprosium	156-2	10	20	7	12	56.76	cps
Erbium	164-1	50	108	33	64	61.65	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	108	183	108	133	32.47	cps
Gadolinium	160-2	10	17	27	18	47.19	cps
Holmium	165-1	14103434	14062005	13905943	14023794	0.74	cps
Holmium	165-2	3632462	3665314	3874810	3724196	3.53	cps
Indium	115-1	11621408	11731615	11644893	11665972	0.50	cps
Indium	115-2	599088	600338	637845	612424	3.60	cps
Iron	56-2	59824969	59626571	58485399	59312313	1.22	cps
Iron	57-2	1531624	1528704	1471357	1510562	2.25	cps
Krypton	83-1	370	413	377	387	6.04	cps
Lead	206-1	22465	21619	21596	21893	2.26	cps
Lead	207-1	17157	17012	17418	17195	1.20	cps
Lead	208-1	83397	82780	81993	82723	0.85	cps
Lithium	6-1	1656882	1660767	1644798	1654149	0.50	cps
Magnesium	24-2	3262404	3237565	3215376	3238448	0.73	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:33:13	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2050	2220	1997	2089	5.58	cps
Molybdenum	94-1	3694098	3662728	3671492	3676106	0.44	cps
Molybdenum	95-1	6366726	6429901	6341698	6379442	0.71	cps
Molybdenum	96-1	6787266	6872806	6840215	6833429	0.63	cps
Molybdenum	97-1	4036019	4015853	4023580	4025151	0.25	cps
Molybdenum	98-1	10066318	10153290	10164925	10128178	0.53	cps
Neodymium	150-1	20	33	27	27	25.01	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	3120	2787	2914	2940	5.72	cps
Phosphorus	31-2	45825	44872	44438	45045	1.58	cps
Potassium	39-2	1875434	1874223	1834316	1861324	1.26	cps
Rhodium	103-1	10923434	10786742	10937204	10882460	0.76	cps
Rhodium	103-2	3386407	3377731	3609653	3457930	3.80	cps
Scandium	45-1	7631501	7717511	7675762	7674925	0.56	cps
Scandium	45-2	70231	70121	75545	71966	4.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-37	-69	-32	-46	-43.57	cps
Silicon	28-1	424178	431445	426780	427468	0.86	cps
Silver	109-1	942	842	892	892	5.61	cps
Silver	107-1	975	992	833	933	9.32	cps
Sodium	23-2	7564812	7479371	7386758	7476980	1.19	cps
Strontium	86-1	70784	71462	70884	71043	0.52	cps
Strontium	88-1	613174	616340	613848	614454	0.27	cps
Sulfur	34-1	2551717	2590003	2606428	2582716	1.09	cps
Terbium	159-1	14561354	14457175	14347470	14455333	0.74	cps
Terbium	159-2	3517940	3531519	3726379	3591946	3.25	cps
Thallium	203-1	2084	1759	1617	1820	13.15	cps
Thallium	205-1	4626	4518	5210	4784	7.78	cps
Tin	118-1	3834	3276	3376	3495	8.52	cps
Titanium	47-1	1888480	1920080	1912008	1906856	0.86	cps
Uranium	238-1	1317	1092	1167	1192	9.61	cps
Vanadium	51-2	130	133	113	126	8.53	cps
Yttrium	89-1	12731652	12796046	12584416	12704038	0.85	cps
Yttrium	89-2	464606	464956	493573	474378	3.50	cps
Zinc	66-2	1793	1810	1820	1808	0.75	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:33:13	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13799	11080	9579	11486	18.63	cps
Zirconium	91-1	3276	2384	2159	2606	22.67	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:36:27	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	646359	642423	632210	640331	1.14	cps
Antimony	121-1	157738	156910	156371	157006	0.44	cps
Arsenic	75-2	1974	2004	2011	1996	0.98	cps
Barium	135-1	34496	33059	34003	33853	2.16	cps
Barium	137-1	60104	58036	58439	58860	1.86	cps
Beryllium	9-1	20855	19820	20454	20376	2.56	cps
Bismuth	209-1	7984379	8403839	8452757	8280325	3.11	cps
Bismuth	209-2	2897299	2875445	2884955	2885900	0.38	cps
Boron	10-1	6985	7719	7352	7352	4.99	cps
Boron	11-1	37149	36080	36681	36637	1.46	cps
Cadmium	111-1	34522	33365	34025	33971	1.71	cps
Cadmium	106-1	6452	6885	6444	6594	3.83	cps
Cadmium	108-1	3446	3505	3380	3444	1.82	cps
Calcium	43-1	1935009	1919242	1920723	1924991	0.45	cps
Calcium	44-1	30854705	30865790	30750688	30823728	0.21	cps
Chromium	52-2	36862	36678	36772	36771	0.25	cps
Cobalt	59-2	39359	39332	39697	39463	0.51	cps
Copper	63-2	44434	44819	44080	44444	0.83	cps
Dysprosium	156-1	42	33	8	28	62.46	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	33	92	83	69	45.44	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	125	108	67	100	30.05	cps
Gadolinium	160-2	20	17	23	20	16.65	cps
Holmium	165-1	13213728	13805395	13918058	13645727	2.77	cps
Holmium	165-2	3769212	3763269	3777501	3769994	0.19	cps
Indium	115-1	10988527	11562134	11712202	11420954	3.34	cps
Indium	115-2	613913	608957	613031	611967	0.43	cps
Iron	56-2	59465886	59056899	58569825	59030870	0.76	cps
Iron	57-2	1541164	1524778	1509182	1525041	1.05	cps
Krypton	83-1	380	317	313	337	11.16	cps
Lead	206-1	110902	113381	112085	112123	1.11	cps
Lead	207-1	93985	93385	92491	93287	0.81	cps
Lead	208-1	434367	436687	436488	435847	0.30	cps
Lithium	6-1	1571138	1637649	1658015	1622267	2.80	cps
Magnesium	24-2	3242007	3230789	3213688	3228828	0.44	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:36:27	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7145	7189	7165	7166	0.30	cps
Molybdenum	94-1	3968864	3943134	3991717	3967905	0.61	cps
Molybdenum	95-1	6625287	6536795	6487687	6549923	1.06	cps
Molybdenum	96-1	7064234	6959215	7071509	7031653	0.89	cps
Molybdenum	97-1	4195695	4175087	4137690	4169491	0.71	cps
Molybdenum	98-1	10548567	10410472	10442077	10467039	0.69	cps
Neodymium	150-1	53	40	33	42	24.13	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	14341	14458	14007	14269	1.64	cps
Phosphorus	31-2	45148	44429	43267	44282	2.14	cps
Potassium	39-2	1857586	1847681	1837347	1847538	0.55	cps
Rhodium	103-1	10334006	10927975	10924930	10728970	3.19	cps
Rhodium	103-2	3448420	3438762	3463041	3450074	0.35	cps
Scandium	45-1	7218729	7638332	7719498	7525520	3.57	cps
Scandium	45-2	73112	71350	72546	72336	1.24	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	39	54	48	47	15.95	cps
Selenium	82-1	1992	2071	2133	2065	3.42	cps
Silicon	28-1	632275	630982	632787	632015	0.15	cps
Silver	109-1	145874	145900	147678	146484	0.71	cps
Silver	107-1	152918	156019	153726	154221	1.04	cps
Sodium	23-2	7512582	7404375	7426661	7447873	0.77	cps
Strontium	86-1	180824	176518	177186	178176	1.30	cps
Strontium	88-1	1575136	1572277	1569835	1572416	0.17	cps
Sulfur	34-1	2594488	2594299	2548028	2578938	1.04	cps
Terbium	159-1	13736596	14337859	14464892	14179782	2.74	cps
Terbium	159-2	3596640	3632411	3632388	3620480	0.57	cps
Thallium	203-1	114420	112789	112563	113257	0.89	cps
Thallium	205-1	272582	269485	270985	271017	0.57	cps
Tin	118-1	269113	268392	268632	268713	0.14	cps
Titanium	47-1	1953925	1947154	1963741	1954940	0.43	cps
Uranium	238-1	908638	902971	904501	905370	0.32	cps
Vanadium	51-2	13577	12703	13110	13130	3.33	cps
Yttrium	89-1	12000343	12668750	12741925	12470339	3.28	cps
Yttrium	89-2	469914	471653	471075	470881	0.19	cps
Zinc	66-2	4511	4424	4501	4479	1.06	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:36:27	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	579882	578664	578029	578858	0.16	cps
Zirconium	91-1	127704	128619	127645	127989	0.43	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:39:41	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360937	365108	360027	362024	0.75	cps
Antimony	121-1	3753010	3777996	3774179	3768395	0.36	cps
Arsenic	75-2	51674	51797	52414	51961	0.76	cps
Barium	135-1	4040057	3972950	4018825	4010611	0.86	cps
Barium	137-1	7010629	6902825	6948998	6954151	0.78	cps
Beryllium	9-1	512003	514185	515179	513789	0.32	cps
Bismuth	209-1	8239226	8335359	7900026	8158203	2.80	cps
Bismuth	209-2	2800599	2829045	2817884	2815843	0.51	cps
Boron	10-1	55383	56345	58168	56632	2.50	cps
Boron	11-1	264887	274480	276865	272077	2.33	cps
Cadmium	111-1	793404	800149	806287	799947	0.81	cps
Cadmium	106-1	87877	86939	85388	86735	1.45	cps
Cadmium	108-1	57321	57397	58016	57578	0.66	cps
Calcium	43-1	4900483	4856618	4868736	4875279	0.46	cps
Calcium	44-1	78298877	78121450	78614271	78344866	0.32	cps
Chromium	52-2	477911	474880	480716	477836	0.61	cps
Cobalt	59-2	958415	959145	962027	959862	0.20	cps
Copper	63-2	1617603	1618555	1606499	1614219	0.42	cps
Dysprosium	156-1	25	100	100	75	57.74	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	92	75	75	81	11.95	cps
Erbium	164-2	20	20	13	18	21.66	cps
Gadolinium	160-1	83	158	108	117	32.73	cps
Gadolinium	160-2	20	13	13	16	24.76	cps
Holmium	165-1	13708452	13805249	13115363	13543021	2.76	cps
Holmium	165-2	3701160	3719837	3748958	3723319	0.65	cps
Indium	115-1	11219027	11167881	10692734	11026547	2.63	cps
Indium	115-2	594622	600855	601252	598910	0.62	cps
Iron	56-2	75437074	75564024	76051682	75684260	0.43	cps
Iron	57-2	1947802	1944929	1913261	1935331	0.99	cps
Krypton	83-1	353	377	377	369	3.65	cps
Lead	206-1	2328320	2307164	2332343	2322609	0.58	cps
Lead	207-1	2114945	2132785	2150475	2132735	0.83	cps
Lead	208-1	9468929	9467065	9587067	9507687	0.72	cps
Lithium	6-1	1683981	1691431	1626532	1667314	2.13	cps
Magnesium	24-2	8424623	8398231	8414465	8412440	0.16	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:39:41	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267971	267705	267676	267784	0.06	cps
Molybdenum	94-1	6808336	6883666	6901470	6864491	0.72	cps
Molybdenum	95-1	8327446	8399918	8393850	8373738	0.48	cps
Molybdenum	96-1	9288932	9305288	9395828	9330016	0.62	cps
Molybdenum	97-1	5271893	5295756	5255767	5274472	0.38	cps
Molybdenum	98-1	13372078	13403733	13262186	13345999	0.56	cps
Neodymium	150-1	160	160	173	164	4.68	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	281748	283400	281450	282199	0.37	cps
Phosphorus	31-2	4593	4768	5176	4845	6.18	cps
Potassium	39-2	2433088	2402663	2395179	2410310	0.83	cps
Rhodium	103-1	10585637	10488841	10006691	10360390	2.99	cps
Rhodium	103-2	3358653	3365948	3293877	3339493	1.19	cps
Scandium	45-1	7560960	7452153	7147605	7386906	2.90	cps
Scandium	45-2	71883	70894	71528	71435	0.70	cps
Selenium	77-2	407	427	380	404	5.79	cps
Selenium	78-2	1393	1241	1341	1325	5.83	cps
Selenium	82-1	51484	51904	51923	51770	0.48	cps
Silicon	28-1	2036127	2048351	2051664	2045381	0.40	cps
Silver	109-1	3881205	3899838	3840453	3873832	0.78	cps
Silver	107-1	4069487	4047098	4068072	4061553	0.31	cps
Sodium	23-2	19230497	19110975	19091006	19144159	0.39	cps
Strontium	86-1	1032225	1041177	1042963	1038788	0.55	cps
Strontium	88-1	8844312	8914597	9038448	8932452	1.10	cps
Sulfur	34-1	641071	643261	641974	642102	0.17	cps
Terbium	159-1	14242338	14222795	13674083	14046405	2.30	cps
Terbium	159-2	3547771	3546697	3615297	3569922	1.10	cps
Thallium	203-1	2846090	2885417	2852035	2861181	0.74	cps
Thallium	205-1	6704874	6725848	6764709	6731810	0.45	cps
Tin	118-1	2488796	2509131	2558891	2518939	1.43	cps
Titanium	47-1	2443110	2431942	2439997	2438349	0.24	cps
Uranium	238-1	8852198	8947987	8871579	8890588	0.57	cps
Vanadium	51-2	349464	350926	350495	350295	0.21	cps
Yttrium	89-1	12408806	12453479	11971969	12278085	2.17	cps
Yttrium	89-2	469717	467804	470684	469402	0.31	cps
Zinc	66-2	141981	142136	141024	141714	0.43	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:39:41	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5724146	5736296	5726670	5729037	0.11	cps
Zirconium	91-1	1262844	1269701	1274327	1268957	0.46	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:42:48	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	225	192	200	11.02	cps
Antimony	121-1	27054	26093	25534	26227	2.93	cps
Arsenic	75-2	94	96	109	100	8.07	cps
Barium	135-1	15910	15393	14592	15298	4.34	cps
Barium	137-1	27505	28039	26661	27402	2.54	cps
Beryllium	9-1	1256	1256	1161	1224	4.46	cps
Bismuth	209-1	8610756	8754736	8379161	8581551	2.21	cps
Bismuth	209-2	2987708	2951212	2952635	2963851	0.70	cps
Boron	10-1	5026	5318	4776	5040	5.38	cps
Boron	11-1	24405	24113	23645	24054	1.59	cps
Cadmium	111-1	3397	3359	3524	3427	2.52	cps
Cadmium	106-1	2534	2534	2834	2634	6.58	cps
Cadmium	108-1	146	146	175	156	10.83	cps
Calcium	43-1	10338	10488	10354	10393	0.79	cps
Calcium	44-1	185089	182826	182252	183389	0.82	cps
Chromium	52-2	2584	2514	2514	2537	1.59	cps
Cobalt	59-2	1950	1847	2017	1938	4.42	cps
Copper	63-2	3734	3764	3754	3751	0.41	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	67	67	58	64	7.53	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	67	142	50	86	56.71	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	13352267	13814150	13167586	13444668	2.48	cps
Holmium	165-2	3691510	3657376	3676405	3675097	0.47	cps
Indium	115-1	11490581	11680977	11171466	11447675	2.25	cps
Indium	115-2	620335	612748	614706	615930	0.64	cps
Iron	56-2	38804	36415	35685	36968	4.41	cps
Iron	57-2	939	889	1006	945	6.20	cps
Krypton	83-1	400	317	373	363	11.71	cps
Lead	206-1	5585	5435	5385	5468	1.90	cps
Lead	207-1	5157	4990	5035	5060	1.71	cps
Lead	208-1	22664	22397	21886	22316	1.77	cps
Lithium	6-1	1708372	1747689	1666604	1707555	2.37	cps
Magnesium	24-2	16160	16644	16277	16360	1.54	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:42:48	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	290	270	387	316	19.77	cps
Molybdenum	94-1	18831	18588	17846	18422	2.79	cps
Molybdenum	95-1	22135	20825	20825	21262	3.56	cps
Molybdenum	96-1	24173	22311	22770	23085	4.20	cps
Molybdenum	97-1	13641	13357	12715	13238	3.58	cps
Molybdenum	98-1	33768	32907	31997	32891	2.69	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	753	613	620	662	11.93	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	12548	12781	12039	12456	3.05	cps
Rhodium	103-1	10890006	11086760	10713301	10896689	1.71	cps
Rhodium	103-2	3578975	3506905	3490514	3525465	1.33	cps
Scandium	45-1	7261629	7474638	7189143	7308470	2.03	cps
Scandium	45-2	70978	70321	70499	70599	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	9	11	11	16.65	cps
Selenium	82-1	374	587	475	479	22.26	cps
Silicon	28-1	353217	353394	352523	353045	0.13	cps
Silver	109-1	8970	7861	8195	8342	6.82	cps
Silver	107-1	9028	8912	8812	8917	1.22	cps
Sodium	23-2	54547	54732	53326	54202	1.41	cps
Strontium	86-1	2725	2717	2525	2656	4.26	cps
Strontium	88-1	19949	19523	19114	19529	2.14	cps
Sulfur	34-1	348716	354498	353907	352374	0.90	cps
Terbium	159-1	13735246	14335091	13601115	13890484	2.81	cps
Terbium	159-2	3553878	3546474	3508913	3536422	0.68	cps
Thallium	203-1	7619	7119	6911	7216	5.05	cps
Thallium	205-1	17963	17454	17045	17488	2.63	cps
Tin	118-1	27830	27429	28164	27808	1.32	cps
Titanium	47-1	5435	5285	5443	5387	1.65	cps
Uranium	238-1	18473	18932	18414	18606	1.52	cps
Vanadium	51-2	3200	3240	3114	3185	2.03	cps
Yttrium	89-1	12238338	12491797	11945834	12225323	2.23	cps
Yttrium	89-2	470614	462373	462912	465300	0.99	cps
Zinc	66-2	413	490	457	453	8.48	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:42:48	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18747	18497	17971	18405	2.15	cps
Zirconium	91-1	4451	4359	3767	4193	8.85	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 14:46:08 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	25	33	42	52.92	cps
Antimony	121-1	4059	3801	3292	3717	10.50	cps
Arsenic	75-2	15	11	11	12	17.31	cps
Barium	135-1	67	133	92	97	34.64	cps
Barium	137-1	133	183	175	164	16.34	cps
Beryllium	9-1	128	122	156	135	13.21	cps
Bismuth	209-1	8421331	8545167	8633519	8533339	1.25	cps
Bismuth	209-2	2859452	2875277	2900481	2878403	0.72	cps
Boron	10-1	1642	1317	1417	1458	11.42	cps
Boron	11-1	7110	7127	6560	6933	4.65	cps
Cadmium	111-1	1633	1492	1669	1598	5.84	cps
Cadmium	106-1	2317	2100	2367	2261	6.27	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	525	517	592	544	7.55	cps
Calcium	44-1	25666	25767	25792	25741	0.26	cps
Chromium	52-2	660	620	607	629	4.41	cps
Cobalt	59-2	90	90	113	98	13.78	cps
Copper	63-2	477	417	457	450	6.79	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	75	75	61	39.37	cps
Gadolinium	160-2	0	13	13	9	86.60	cps
Holmium	165-1	13049312	13493594	13466789	13336565	1.87	cps
Holmium	165-2	3539383	3592591	3582260	3571411	0.79	cps
Indium	115-1	11241447	11273726	11430655	11315276	0.89	cps
Indium	115-2	593795	596479	596845	595706	0.28	cps
Iron	56-2	3695	3284	3267	3415	7.10	cps
Iron	57-2	122	83	106	104	18.81	cps
Krypton	83-1	337	337	290	321	8.39	cps
Lead	206-1	961	845	711	839	14.91	cps
Lead	207-1	667	733	667	689	5.59	cps
Lead	208-1	3439	3295	2945	3226	7.88	cps
Lithium	6-1	1731554	1766992	1749366	1749304	1.01	cps
Magnesium	24-2	342	300	392	344	13.32	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:46:08	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	23	27	34	47.73	cps
Molybdenum	94-1	1775	1992	1692	1820	8.51	cps
Molybdenum	95-1	1717	1400	1592	1570	10.16	cps
Molybdenum	96-1	1875	1892	1692	1820	6.10	cps
Molybdenum	97-1	1033	1008	950	997	4.29	cps
Molybdenum	98-1	2792	2492	2142	2475	13.15	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	20	77	49	57.99	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	3967	3851	3417	3745	7.74	cps
Rhodium	103-1	10532150	10751375	10833138	10705554	1.45	cps
Rhodium	103-2	3419339	3417591	3416555	3417829	0.04	cps
Scandium	45-1	7136083	7382913	7264621	7261206	1.70	cps
Scandium	45-2	67180	68506	68097	67928	1.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-40	11	5	-8	-355.57	cps
Silicon	28-1	316670	314194	315617	315494	0.39	cps
Silver	109-1	258	200	258	239	14.10	cps
Silver	107-1	275	250	267	264	4.82	cps
Sodium	23-2	14224	14625	14558	14469	1.48	cps
Strontium	86-1	450	392	383	408	8.90	cps
Strontium	88-1	242	225	350	272	24.93	cps
Sulfur	34-1	359923	362118	361470	361170	0.31	cps
Terbium	159-1	13618045	13924971	14044497	13862504	1.59	cps
Terbium	159-2	3396522	3422741	3378771	3399345	0.65	cps
Thallium	203-1	883	1192	1058	1045	14.81	cps
Thallium	205-1	2142	2342	2384	2289	5.64	cps
Tin	118-1	2884	3050	2742	2892	5.34	cps
Titanium	47-1	192	350	167	236	42.11	cps
Uranium	238-1	300	183	275	253	24.30	cps
Vanadium	51-2	20	7	20	16	49.47	cps
Yttrium	89-1	11842823	12138371	12112553	12031249	1.36	cps
Yttrium	89-2	445008	451311	448882	448401	0.71	cps
Zinc	66-2	90	70	97	86	16.22	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:46:08	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2409	2217	2525	2384	6.53	cps
Zirconium	91-1	508	550	575	544	6.19	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:49:28	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	200	150	178	14.32	cps
Antimony	121-1	16461	16628	15710	16266	3.01	cps
Arsenic	75-2	146	87	107	114	26.51	cps
Barium	135-1	16244	15026	15551	15607	3.92	cps
Barium	137-1	26719	26168	26369	26419	1.06	cps
Beryllium	9-1	1283	1122	1283	1230	7.57	cps
Bismuth	209-1	9146031	9149470	9108632	9134711	0.25	cps
Bismuth	209-2	3088965	3069742	3035101	3064603	0.89	cps
Boron	10-1	3717	3976	3709	3801	3.99	cps
Boron	11-1	17736	18504	18062	18101	2.13	cps
Cadmium	111-1	3450	3473	3274	3399	3.19	cps
Cadmium	106-1	2700	2675	2559	2645	2.86	cps
Cadmium	108-1	142	138	138	139	1.73	cps
Calcium	43-1	9695	9887	10112	9898	2.11	cps
Calcium	44-1	178472	178817	177755	178348	0.30	cps
Chromium	52-2	2740	2497	2524	2587	5.16	cps
Cobalt	59-2	1974	2040	2000	2005	1.67	cps
Copper	63-2	3697	3697	3674	3689	0.37	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	67	25	33	42	52.92	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	117	42	50	69	59.19	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	14348176	14292762	14300846	14313928	0.21	cps
Holmium	165-2	3816091	3819765	3787084	3807647	0.47	cps
Indium	115-1	12217002	12147001	12048912	12137638	0.70	cps
Indium	115-2	638837	630800	635099	634912	0.63	cps
Iron	56-2	33029	33519	33257	33268	0.74	cps
Iron	57-2	806	972	767	848	12.88	cps
Krypton	83-1	367	400	410	392	5.78	cps
Lead	206-1	5374	5296	5307	5325	0.79	cps
Lead	207-1	4707	4406	4507	4540	3.37	cps
Lead	208-1	21124	20957	21375	21152	0.99	cps
Lithium	6-1	1829081	1832845	1830003	1830643	0.11	cps
Magnesium	24-2	16277	17044	17319	16880	3.20	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:49:28	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310	300	283	298	4.52	cps
Molybdenum	94-1	15443	14550	14767	14920	3.12	cps
Molybdenum	95-1	17495	16886	16694	17025	2.46	cps
Molybdenum	96-1	18738	19047	20024	19270	3.48	cps
Molybdenum	97-1	10304	11080	10246	10543	4.42	cps
Molybdenum	98-1	27896	27520	27279	27565	1.13	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	650	610	667	642	4.53	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	12615	12990	12973	12859	1.65	cps
Rhodium	103-1	11666538	11580846	11471123	11572836	0.85	cps
Rhodium	103-2	3644981	3614929	3616472	3625461	0.47	cps
Scandium	45-1	7745195	7831510	7779878	7785528	0.56	cps
Scandium	45-2	72864	72972	71488	72441	1.14	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	13	11	11	12	9.11	cps
Selenium	82-1	465	433	385	428	9.45	cps
Silicon	28-1	355552	357210	358412	357058	0.40	cps
Silver	109-1	8111	7511	8503	8042	6.21	cps
Silver	107-1	8328	8762	8553	8548	2.54	cps
Sodium	23-2	83989	84216	85103	84436	0.70	cps
Strontium	86-1	2550	2525	2967	2681	9.26	cps
Strontium	88-1	18755	18705	18714	18725	0.14	cps
Sulfur	34-1	362957	364341	359897	362398	0.63	cps
Terbium	159-1	14717929	14903413	14741823	14787721	0.68	cps
Terbium	159-2	3678293	3669804	3664479	3670859	0.19	cps
Thallium	203-1	6652	6735	6660	6683	0.69	cps
Thallium	205-1	15252	15235	15268	15252	0.11	cps
Tin	118-1	27279	26594	26920	26931	1.27	cps
Titanium	47-1	5093	5260	5585	5312	4.71	cps
Uranium	238-1	17822	18097	18348	18089	1.45	cps
Vanadium	51-2	3367	3154	3137	3219	3.98	cps
Yttrium	89-1	12953775	12877994	12904099	12911956	0.30	cps
Yttrium	89-2	481632	475240	480792	479221	0.72	cps
Zinc	66-2	513	440	467	473	7.84	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:49:28	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15334	14592	14292	14739	3.64	cps
Zirconium	91-1	3251	3301	3367	3306	1.77	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : PB110614BL Instrumnet Name : P8
 Client Sample ID : PB110614BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 14:52:48 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	42	42	0.00	cps
Antimony	121-1	1175	1033	1200	1136	7.91	cps
Arsenic	75-2	7	4	7	6	34.70	cps
Barium	135-1	33	50	33	39	24.75	cps
Barium	137-1	67	167	100	111	45.83	cps
Beryllium	9-1	133	100	156	130	21.57	cps
Bismuth	209-1	8869564	9000277	9041615	8970485	1.00	cps
Bismuth	209-2	2980602	3015878	3033342	3009941	0.89	cps
Boron	10-1	1117	1158	867	1047	15.06	cps
Boron	11-1	5051	4993	4676	4907	4.11	cps
Cadmium	111-1	1720	1839	1691	1750	4.50	cps
Cadmium	106-1	2425	2600	2359	2461	5.07	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	567	442	525	511	12.45	cps
Calcium	44-1	24481	24673	24706	24620	0.49	cps
Chromium	52-2	630	653	550	611	8.87	cps
Cobalt	59-2	73	77	50	67	21.80	cps
Copper	63-2	440	463	300	401	22.02	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	17	0	7	8	107.84	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	17	20	10	16	32.73	cps
Gadolinium	160-1	58	75	117	83	36.05	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	14017755	14081343	14060438	14053179	0.23	cps
Holmium	165-2	3707975	3758801	3777410	3748062	0.96	cps
Indium	115-1	11776606	12082954	11927910	11929157	1.28	cps
Indium	115-2	615252	626783	626664	622900	1.06	cps
Iron	56-2	2417	2217	2506	2380	6.22	cps
Iron	57-2	78	94	94	89	10.83	cps
Krypton	83-1	347	383	340	357	6.54	cps
Lead	206-1	594	506	506	535	9.59	cps
Lead	207-1	478	489	489	485	1.32	cps
Lead	208-1	2422	2100	2278	2267	7.12	cps
Lithium	6-1	1814009	1848672	1820658	1827780	1.01	cps
Magnesium	24-2	258	267	250	258	3.23	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110614BL	Instrumnet Name :	P8
Client Sample ID :	PB110614BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:52:48	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	40	40	36	21.64	cps
Molybdenum	94-1	867	650	1050	856	23.40	cps
Molybdenum	95-1	800	683	708	731	8.41	cps
Molybdenum	96-1	892	967	867	908	5.73	cps
Molybdenum	97-1	450	450	583	494	15.57	cps
Molybdenum	98-1	1033	1042	1108	1061	3.87	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	67	43	50	29.06	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3776	3542	3617	3645	3.27	cps
Rhodium	103-1	11229058	11374421	11470396	11357958	1.07	cps
Rhodium	103-2	3534043	3578824	3607721	3573529	1.04	cps
Scandium	45-1	7595973	7705973	7663860	7655269	0.73	cps
Scandium	45-2	70158	72556	71803	71505	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	0	4	86.60	cps
Selenium	82-1	-26	-65	-5	-32	-94.38	cps
Silicon	28-1	303498	302592	296555	300882	1.25	cps
Silver	109-1	192	125	125	147	26.14	cps
Silver	107-1	3813	283	200	1432	144.00	cps
Sodium	23-2	13640	13240	12664	13182	3.72	cps
Strontium	86-1	508	533	558	533	4.69	cps
Strontium	88-1	217	142	233	197	24.76	cps
Sulfur	34-1	371066	370307	370084	370486	0.14	cps
Terbium	159-1	14315260	14647497	14735102	14565953	1.52	cps
Terbium	159-2	3513779	3644256	3645364	3601133	2.10	cps
Thallium	203-1	633	667	483	594	16.43	cps
Thallium	205-1	1584	1625	1492	1567	4.35	cps
Tin	118-1	958	2131	1108	1399	45.60	cps
Titanium	47-1	300	200	242	247	20.32	cps
Uranium	238-1	108	142	108	119	16.11	cps
Vanadium	51-2	3	7	10	7	50.03	cps
Yttrium	89-1	12570691	12758891	12679231	12669605	0.75	cps
Yttrium	89-2	460397	475232	474780	470136	1.79	cps
Zinc	66-2	113	133	97	114	16.04	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110614BL	Instrumnet Name :	P8
Client Sample ID :	PB110614BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:52:48	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1517	1483	1450	1483	2.25	cps
Zirconium	91-1	442	333	300	358	20.67	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : PB110614BS Instrumnet Name : P8
 Client Sample ID : PB110614BS Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 14:56:09 DataFile Name : 025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72469	71858	70602	71643	1.33	cps
Antimony	121-1	3857722	3836391	3910660	3868258	0.99	cps
Arsenic	75-2	51767	51215	50958	51313	0.81	cps
Barium	135-1	4053767	4068682	4091571	4071340	0.47	cps
Barium	137-1	7126986	7030646	7091444	7083025	0.69	cps
Beryllium	9-1	526090	528524	530823	528479	0.45	cps
Bismuth	209-1	8859093	8977669	9130717	8989159	1.51	cps
Bismuth	209-2	3025699	2985758	2992301	3001252	0.71	cps
Boron	10-1	55458	56328	58570	56786	2.83	cps
Boron	11-1	261501	273174	276345	270340	2.89	cps
Cadmium	111-1	837119	829137	846587	837615	1.04	cps
Cadmium	106-1	89655	88456	90931	89681	1.38	cps
Cadmium	108-1	59715	59878	60025	59873	0.26	cps
Calcium	43-1	1002498	1005055	996777	1001443	0.42	cps
Calcium	44-1	16352214	16384551	16265909	16334225	0.38	cps
Chromium	52-2	464007	468401	452481	461630	1.78	cps
Cobalt	59-2	974316	968494	953557	965456	1.11	cps
Copper	63-2	1692876	1694057	1647897	1678277	1.57	cps
Dysprosium	156-1	133	150	75	119	32.97	cps
Dysprosium	156-2	7	30	20	19	61.96	cps
Erbium	164-1	75	83	92	83	10.00	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	133	175	158	156	13.48	cps
Gadolinium	160-2	30	23	40	31	26.97	cps
Holmium	165-1	14426845	14409166	14499133	14445048	0.33	cps
Holmium	165-2	3857664	3807802	3775812	3813759	1.08	cps
Indium	115-1	11935056	11838405	12052646	11942036	0.90	cps
Indium	115-2	622444	617447	617588	619160	0.46	cps
Iron	56-2	15848701	15831908	15616400	15765669	0.82	cps
Iron	57-2	396699	397238	388589	394175	1.23	cps
Krypton	83-1	360	337	387	361	6.93	cps
Lead	206-1	2414115	2402923	2414702	2410580	0.28	cps
Lead	207-1	2231340	2235328	2213884	2226851	0.51	cps
Lead	208-1	9871370	9867604	9923958	9887644	0.32	cps
Lithium	6-1	1848480	1882319	1877621	1869473	0.98	cps
Magnesium	24-2	1756994	1722608	1703851	1727817	1.56	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110614BS	Instrumnet Name :	P8
Client Sample ID :	PB110614BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:56:09	DataFile Name :	025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267164	267533	260671	265123	1.46	cps
Molybdenum	94-1	6867054	6822641	6870484	6853393	0.39	cps
Molybdenum	95-1	8432437	8281068	8430236	8381247	1.04	cps
Molybdenum	96-1	9295608	9278304	9319228	9297714	0.22	cps
Molybdenum	97-1	5295254	5258208	5301855	5285106	0.45	cps
Molybdenum	98-1	13414498	13321214	13386224	13373979	0.36	cps
Neodymium	150-1	133	193	173	167	18.33	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	282493	283651	278834	281659	0.89	cps
Phosphorus	31-2	4726	4659	4518	4634	2.30	cps
Potassium	39-2	477245	478823	468270	474779	1.20	cps
Rhodium	103-1	11171304	11168818	11320723	11220282	0.78	cps
Rhodium	103-2	3557124	3508135	3478936	3514732	1.12	cps
Scandium	45-1	7813505	7791603	7711950	7772352	0.69	cps
Scandium	45-2	71963	71323	71025	71437	0.67	cps
Selenium	77-2	387	313	337	346	10.84	cps
Selenium	78-2	1330	1319	1304	1317	0.99	cps
Selenium	82-1	52884	52932	53373	53063	0.51	cps
Silicon	28-1	2124185	2140282	2157555	2140674	0.78	cps
Silver	109-1	4049339	4043768	4109624	4067577	0.90	cps
Silver	107-1	4234125	4186075	4303150	4241117	1.39	cps
Sodium	23-2	3952899	3928515	3854471	3911962	1.31	cps
Strontium	86-1	1042636	1042078	1054531	1046415	0.67	cps
Strontium	88-1	9027343	8975351	9056640	9019778	0.46	cps
Sulfur	34-1	653824	651513	652467	652602	0.18	cps
Terbium	159-1	14877404	14640245	15003961	14840536	1.24	cps
Terbium	159-2	3693204	3655609	3655755	3668189	0.59	cps
Thallium	203-1	2960669	2965593	2966309	2964190	0.10	cps
Thallium	205-1	7042194	7022769	7066067	7043677	0.31	cps
Tin	118-1	2564433	2576602	2640993	2594009	1.59	cps
Titanium	47-1	2453717	2480519	2435182	2456473	0.93	cps
Uranium	238-1	8987453	9171240	9126439	9095044	1.05	cps
Vanadium	51-2	344710	344665	337534	342303	1.21	cps
Yttrium	89-1	12883066	12820899	13068431	12924132	1.00	cps
Yttrium	89-2	476958	477524	473185	475889	0.50	cps
Zinc	66-2	149064	148652	143992	147236	1.91	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110614BS	Instrumnet Name :	P8
Client Sample ID :	PB110614BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:56:09	DataFile Name :	025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5782907	5710915	5739492	5744438	0.63	cps
Zirconium	91-1	1270390	1267040	1272422	1269951	0.21	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:59:19	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	558	400	367	442	23.19	cps
Antimony	121-1	15718	14250	12273	14080	12.28	cps
Arsenic	75-2	7119	7217	7235	7190	0.87	cps
Barium	135-1	311745	313007	312421	312391	0.20	cps
Barium	137-1	541472	543630	546374	543825	0.45	cps
Beryllium	9-1	294	222	250	256	14.26	cps
Bismuth	209-1	8680699	8672489	8734234	8695807	0.39	cps
Bismuth	209-2	2954549	2890792	2766579	2870640	3.33	cps
Boron	10-1	35002	37191	37325	36506	3.57	cps
Boron	11-1	174905	178684	182634	178741	2.16	cps
Cadmium	111-1	1808	1815	1831	1818	0.66	cps
Cadmium	106-1	2334	2242	2409	2328	3.59	cps
Cadmium	108-1	25	42	25	31	31.50	cps
Calcium	43-1	3672051	3726619	3684998	3694556	0.77	cps
Calcium	44-1	59816499	60159926	60431231	60135885	0.51	cps
Chromium	52-2	3124	3324	3134	3194	3.53	cps
Cobalt	59-2	977	1000	970	982	1.60	cps
Copper	63-2	1623	1463	1557	1548	5.19	cps
Dysprosium	156-1	133	275	225	211	34.03	cps
Dysprosium	156-2	53	67	70	63	13.93	cps
Erbium	164-1	325	242	175	247	30.40	cps
Erbium	164-2	23	53	63	47	44.61	cps
Gadolinium	160-1	308	275	275	286	6.73	cps
Gadolinium	160-2	73	100	97	90	16.14	cps
Holmium	165-1	13848133	14083705	14029534	13987124	0.88	cps
Holmium	165-2	3768475	3736938	3604747	3703387	2.35	cps
Indium	115-1	11462154	11797267	11615932	11625118	1.44	cps
Indium	115-2	604053	609901	580932	598296	2.56	cps
Iron	56-2	11296445	11388004	11285035	11323161	0.50	cps
Iron	57-2	282509	283383	284051	283314	0.27	cps
Krypton	83-1	303	337	347	329	6.90	cps
Lead	206-1	4434	4134	3795	4121	7.76	cps
Lead	207-1	3434	3473	3284	3397	2.94	cps
Lead	208-1	16805	16032	15488	16108	4.11	cps
Lithium	6-1	1744489	1734498	1775114	1751367	1.21	cps
Magnesium	24-2	583686	583112	589774	585524	0.63	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:59:19	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	95342	94463	94852	94886	0.46	cps
Molybdenum	94-1	7728	6852	6243	6941	10.75	cps
Molybdenum	95-1	8036	6477	6744	7086	11.77	cps
Molybdenum	96-1	8745	8203	7561	8170	7.26	cps
Molybdenum	97-1	4909	4501	4192	4534	7.93	cps
Molybdenum	98-1	11756	10780	9779	10771	9.18	cps
Neodymium	150-1	240	400	373	338	25.38	cps
Neodymium	150-2	50	30	57	46	30.47	cps
Nickel	60-2	1633	1750	1677	1687	3.50	cps
Phosphorus	31-2	108	108	50	89	37.89	cps
Potassium	39-2	88629	89618	90659	89635	1.13	cps
Rhodium	103-1	10757559	11033832	10954850	10915414	1.30	cps
Rhodium	103-2	3462221	3414117	3282137	3386158	2.75	cps
Scandium	45-1	7362846	7469634	7544824	7459101	1.23	cps
Scandium	45-2	69719	69882	68724	69442	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	109	41	67	72	47.38	cps
Silicon	28-1	48965421	48729678	48835829	48843643	0.24	cps
Silver	109-1	875	883	583	781	21.89	cps
Silver	107-1	825	1083	867	925	14.99	cps
Sodium	23-2	6126893	6110714	6142479	6126695	0.26	cps
Strontium	86-1	1921189	1912337	1939727	1924418	0.73	cps
Strontium	88-1	16295035	16295732	16312975	16301247	0.06	cps
Sulfur	34-1	931927	937726	1039842	969832	6.26	cps
Terbium	159-1	14233413	14458071	14486084	14392523	0.96	cps
Terbium	159-2	3590119	3541586	3436946	3522884	2.22	cps
Thallium	203-1	1534	1642	1350	1509	9.77	cps
Thallium	205-1	3292	3567	2775	3212	12.52	cps
Tin	118-1	3809	3517	3167	3498	9.19	cps
Titanium	47-1	2084	2034	2051	2056	1.24	cps
Uranium	238-1	5643	5043	4434	5040	11.99	cps
Vanadium	51-2	513	563	517	531	5.26	cps
Yttrium	89-1	12520906	12574600	12591476	12562328	0.29	cps
Yttrium	89-2	465090	462700	448162	458651	2.00	cps
Zinc	66-2	1090	1140	1170	1133	3.57	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 14:59:19	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9562	8220	7052	8278	15.17	cps
Zirconium	91-1	2059	2084	1625	1922	13.41	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01DUP Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618DI Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:02:37 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	442	475	469	5.42	cps
Antimony	121-1	5135	4926	4768	4943	3.72	cps
Arsenic	75-2	7007	7324	7117	7149	2.25	cps
Barium	135-1	313648	316666	317649	315988	0.66	cps
Barium	137-1	548394	551718	558515	552876	0.93	cps
Beryllium	9-1	194	189	161	181	9.84	cps
Bismuth	209-1	8592550	8624428	8415120	8544032	1.32	cps
Bismuth	209-2	2916259	2921044	2923604	2920302	0.13	cps
Boron	10-1	36405	37291	36071	36589	1.72	cps
Boron	11-1	175442	179560	185510	180171	2.81	cps
Cadmium	111-1	1783	1750	1544	1692	7.67	cps
Cadmium	106-1	2417	2384	2175	2325	5.63	cps
Cadmium	108-1	25	8	42	25	66.68	cps
Calcium	43-1	3759594	3816347	3823720	3799887	0.92	cps
Calcium	44-1	60791160	61498514	61157253	61148976	0.58	cps
Chromium	52-2	3280	3424	3200	3302	3.43	cps
Cobalt	59-2	870	1003	957	943	7.17	cps
Copper	63-2	1460	1480	1560	1500	3.53	cps
Dysprosium	156-1	292	242	250	261	10.26	cps
Dysprosium	156-2	67	57	53	59	11.79	cps
Erbium	164-1	258	300	250	269	9.94	cps
Erbium	164-2	77	50	50	59	26.15	cps
Gadolinium	160-1	283	300	283	289	3.33	cps
Gadolinium	160-2	60	83	130	91	39.12	cps
Holmium	165-1	13860976	13920499	13747026	13842834	0.64	cps
Holmium	165-2	3749582	3734658	3753562	3745934	0.27	cps
Indium	115-1	11493367	11508221	11384500	11462030	0.59	cps
Indium	115-2	616075	621378	612178	616544	0.75	cps
Iron	56-2	11467433	11558023	11563664	11529707	0.47	cps
Iron	57-2	288932	288831	292494	290086	0.72	cps
Krypton	83-1	290	377	253	307	20.65	cps
Lead	206-1	3723	3601	3573	3632	2.20	cps
Lead	207-1	2878	3012	2934	2941	2.28	cps
Lead	208-1	14204	13692	14170	14022	2.04	cps
Lithium	6-1	1725051	1764618	1684768	1724812	2.31	cps
Magnesium	24-2	599046	594116	598576	597246	0.46	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01DUP Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618DI Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:02:37 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	96124	97179	97383	96895	0.70	cps
Molybdenum	94-1	3742	3609	4184	3845	7.83	cps
Molybdenum	95-1	3201	3509	3326	3345	4.64	cps
Molybdenum	96-1	4501	3767	3851	4040	9.94	cps
Molybdenum	97-1	2375	1950	2200	2175	9.82	cps
Molybdenum	98-1	5526	5735	5376	5546	3.25	cps
Neodymium	150-1	340	307	380	342	10.73	cps
Neodymium	150-2	50	37	70	52	32.12	cps
Nickel	60-2	1767	1647	1727	1713	3.57	cps
Phosphorus	31-2	67	67	67	67	0.00	cps
Potassium	39-2	92999	93980	92025	93001	1.05	cps
Rhodium	103-1	10744022	10832474	10635226	10737241	0.92	cps
Rhodium	103-2	3480295	3496589	3495898	3490928	0.26	cps
Scandium	45-1	7440622	7600724	7483801	7508382	1.10	cps
Scandium	45-2	70559	71558	71143	71086	0.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	110	53	126	96	39.78	cps
Silicon	28-1	49650833	49938126	49693201	49760720	0.31	cps
Silver	109-1	250	283	267	267	6.25	cps
Silver	107-1	317	283	258	286	10.23	cps
Sodium	23-2	6248857	6197534	6241237	6229209	0.44	cps
Strontium	86-1	1950591	1961974	1954726	1955764	0.29	cps
Strontium	88-1	16510867	16503839	16566290	16526999	0.21	cps
Sulfur	34-1	944225	942725	957396	948115	0.85	cps
Terbium	159-1	14273074	14491432	14180399	14314969	1.12	cps
Terbium	159-2	3581171	3613720	3605823	3600238	0.47	cps
Thallium	203-1	908	567	650	708	25.15	cps
Thallium	205-1	1617	1825	1517	1653	9.52	cps
Tin	118-1	1959	1925	1675	1853	8.36	cps
Titanium	47-1	2117	1960	1267	1781	25.40	cps
Uranium	238-1	3842	3934	3817	3865	1.59	cps
Vanadium	51-2	540	527	523	530	1.66	cps
Yttrium	89-1	12461376	12558956	12246731	12422355	1.29	cps
Yttrium	89-2	469569	472637	464603	468937	0.86	cps
Zinc	66-2	1110	1100	1213	1141	5.50	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01DUP	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618DI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:02:37	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5101	4484	4751	4779	6.47	cps
Zirconium	91-1	1167	1208	1250	1208	3.45	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01LX5 Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618L Dilution Factor : 5
 Date & Time Acquired :: 2018-06-27 15:05:55 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	58	100	89	30.13	cps
Antimony	121-1	1909	1867	1692	1822	6.31	cps
Arsenic	75-2	1463	1302	1515	1427	7.79	cps
Barium	135-1	62188	62164	60196	61516	1.86	cps
Barium	137-1	107216	110072	108316	108535	1.33	cps
Beryllium	9-1	161	144	161	156	6.19	cps
Bismuth	209-1	8256753	9034404	8953370	8748176	4.89	cps
Bismuth	209-2	3017923	3029921	3035639	3027828	0.30	cps
Boron	10-1	8703	9253	8845	8934	3.20	cps
Boron	11-1	42130	42807	43827	42921	1.99	cps
Cadmium	111-1	1419	1809	1784	1671	13.06	cps
Cadmium	106-1	2017	2542	2500	2353	12.40	cps
Cadmium	108-1	25	17	0	14	91.65	cps
Calcium	43-1	742525	733107	736214	737282	0.65	cps
Calcium	44-1	12005651	12023277	12124182	12051036	0.53	cps
Chromium	52-2	1160	1257	1127	1181	5.72	cps
Cobalt	59-2	250	197	270	239	15.87	cps
Copper	63-2	720	637	523	627	15.75	cps
Dysprosium	156-1	83	42	50	58	37.80	cps
Dysprosium	156-2	20	13	7	13	49.99	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	42	183	92	106	68.07	cps
Gadolinium	160-2	30	47	20	32	41.81	cps
Holmium	165-1	13016830	14251759	14424953	13897848	5.53	cps
Holmium	165-2	3780030	3846948	3834372	3820450	0.93	cps
Indium	115-1	11098483	11948798	12174181	11740487	4.83	cps
Indium	115-2	627934	636747	635186	633289	0.74	cps
Iron	56-2	2337574	2353250	2291884	2327569	1.37	cps
Iron	57-2	57519	56743	56721	56995	0.80	cps
Krypton	83-1	383	363	340	362	5.99	cps
Lead	206-1	1050	917	1095	1020	9.07	cps
Lead	207-1	950	861	967	926	6.13	cps
Lead	208-1	4056	4050	4200	4102	2.07	cps
Lithium	6-1	1624874	1786737	1773828	1728480	5.20	cps
Magnesium	24-2	117709	117071	116919	117233	0.36	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01LX5	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-27 15:05:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19694	19243	18783	19240	2.37	cps
Molybdenum	94-1	1375	1133	1225	1245	9.80	cps
Molybdenum	95-1	1292	1142	975	1136	13.94	cps
Molybdenum	96-1	1559	1400	1483	1481	5.35	cps
Molybdenum	97-1	925	742	867	845	11.09	cps
Molybdenum	98-1	1834	1625	1642	1700	6.81	cps
Neodymium	150-1	40	73	87	67	36.06	cps
Neodymium	150-2	20	13	10	14	35.26	cps
Nickel	60-2	380	343	363	362	5.07	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	20299	20966	20524	20596	1.65	cps
Rhodium	103-1	10470278	11510187	11478497	11152987	5.30	cps
Rhodium	103-2	3593693	3609987	3625936	3609872	0.45	cps
Scandium	45-1	7097622	7710589	7748053	7518754	4.86	cps
Scandium	45-2	72496	72057	73514	72689	1.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-30	-45	-50	-42	-24.46	cps
Silicon	28-1	10125880	9960328	10039025	10041744	0.82	cps
Silver	109-1	142	158	192	164	15.53	cps
Silver	107-1	158	258	200	206	24.44	cps
Sodium	23-2	1248007	1248763	1238748	1245172	0.45	cps
Strontium	86-1	376204	372069	377814	375362	0.79	cps
Strontium	88-1	3273478	3260152	3291004	3274878	0.47	cps
Sulfur	34-1	498639	501326	504127	501364	0.55	cps
Terbium	159-1	13416650	14707221	14898219	14340697	5.62	cps
Terbium	159-2	3697409	3665050	3684691	3682384	0.44	cps
Thallium	203-1	625	525	567	572	8.78	cps
Thallium	205-1	1450	1408	1400	1420	1.89	cps
Tin	118-1	1100	1225	1100	1142	6.32	cps
Titanium	47-1	550	375	483	469	18.81	cps
Uranium	238-1	825	875	783	828	5.55	cps
Vanadium	51-2	117	107	97	107	9.37	cps
Yttrium	89-1	11746088	12822421	13139121	12569210	5.81	cps
Yttrium	89-2	479271	477704	484757	480578	0.77	cps
Zinc	66-2	357	387	357	367	4.72	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01LX5	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-27 15:05:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1925	1617	1717	1753	8.98	cps
Zirconium	91-1	392	408	342	381	9.12	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01MS Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618M Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:09:13 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69705	68097	69035	68945	1.17	cps
Antimony	121-1	3696524	3779905	3712635	3729688	1.19	cps
Arsenic	75-2	57054	56572	57266	56964	0.62	cps
Barium	135-1	4177520	4274500	4224686	4225569	1.15	cps
Barium	137-1	7313147	7427273	7377897	7372772	0.78	cps
Beryllium	9-1	500661	500259	500388	500436	0.04	cps
Bismuth	209-1	8594906	8156811	8614718	8455478	3.06	cps
Bismuth	209-2	2875768	2902742	2904405	2894305	0.56	cps
Boron	10-1	91541	92598	93807	92648	1.22	cps
Boron	11-1	440356	454862	458466	451228	2.12	cps
Cadmium	111-1	784729	793708	795582	791340	0.73	cps
Cadmium	106-1	86938	87769	85747	86818	1.17	cps
Cadmium	108-1	56472	56983	56886	56780	0.48	cps
Calcium	43-1	4825750	4790768	4851557	4822692	0.63	cps
Calcium	44-1	77199091	77432552	77986362	77539335	0.52	cps
Chromium	52-2	446749	445702	448311	446921	0.29	cps
Cobalt	59-2	928315	930137	932914	930456	0.25	cps
Copper	63-2	1558478	1553907	1592205	1568197	1.33	cps
Dysprosium	156-1	325	242	275	281	14.95	cps
Dysprosium	156-2	60	83	73	72	16.21	cps
Erbium	164-1	333	217	250	267	22.54	cps
Erbium	164-2	60	70	73	68	10.24	cps
Gadolinium	160-1	242	408	317	322	25.91	cps
Gadolinium	160-2	93	93	83	90	6.41	cps
Holmium	165-1	13950418	13362815	14056217	13789816	2.71	cps
Holmium	165-2	3747949	3730996	3699289	3726078	0.66	cps
Indium	115-1	11495914	11099633	11590278	11395275	2.28	cps
Indium	115-2	600534	605723	601172	602476	0.47	cps
Iron	56-2	26562868	26483854	26714178	26586967	0.44	cps
Iron	57-2	671902	663985	670022	668636	0.62	cps
Krypton	83-1	357	327	343	342	4.39	cps
Lead	206-1	2287888	2313749	2343762	2315133	1.21	cps
Lead	207-1	2059621	2046464	2058850	2054978	0.36	cps
Lead	208-1	9262145	9359822	9346136	9322701	0.57	cps
Lithium	6-1	1710939	1638360	1726158	1691819	2.77	cps
Magnesium	24-2	2329893	2302235	2340283	2324137	0.85	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01MS Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618M Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:09:13 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	354520	351412	352672	352868	0.44	cps
Molybdenum	94-1	6570046	6692765	6706498	6656436	1.13	cps
Molybdenum	95-1	8117953	8190644	8179585	8162727	0.48	cps
Molybdenum	96-1	9021793	9027451	9169124	9072789	0.92	cps
Molybdenum	97-1	5159390	5145876	5165077	5156781	0.19	cps
Molybdenum	98-1	12985414	13197925	13069444	13084261	0.82	cps
Neodymium	150-1	520	500	460	493	6.19	cps
Neodymium	150-2	53	93	47	64	39.17	cps
Nickel	60-2	270194	272945	272280	271806	0.53	cps
Phosphorus	31-2	100	67	83	83	20.00	cps
Potassium	39-2	547991	544665	548086	546914	0.36	cps
Rhodium	103-1	10676355	10385070	10799046	10620157	2.00	cps
Rhodium	103-2	3363789	3444999	3426267	3411685	1.25	cps
Scandium	45-1	7548720	7195458	7594325	7446168	2.93	cps
Scandium	45-2	70824	71357	71813	71331	0.69	cps
Selenium	77-2	353	390	363	369	5.14	cps
Selenium	78-2	1254	1233	1224	1237	1.23	cps
Selenium	82-1	50617	51691	51141	51150	1.05	cps
Silicon	28-1	52729986	52574225	52692217	52665476	0.15	cps
Silver	109-1	144376	145835	146111	145441	0.64	cps
Silver	107-1	152985	152909	154940	153611	0.75	cps
Sodium	23-2	10164821	10118818	10083801	10122480	0.40	cps
Strontium	86-1	3025070	3033267	3015423	3024586	0.30	cps
Strontium	88-1	25588858	25704977	25749407	25681081	0.32	cps
Sulfur	34-1	966432	971253	946337	961341	1.37	cps
Terbium	159-1	14420326	13851960	14207726	14160004	2.03	cps
Terbium	159-2	3550724	3576260	3558006	3561663	0.37	cps
Thallium	203-1	2862459	2886624	2886800	2878628	0.49	cps
Thallium	205-1	6746364	6734135	6698008	6726169	0.37	cps
Tin	118-1	2595896	2613434	2584552	2597961	0.56	cps
Titanium	47-1	2349162	2354937	2395026	2366375	1.06	cps
Uranium	238-1	8895611	8934270	9009461	8946447	0.65	cps
Vanadium	51-2	334633	333335	335524	334497	0.33	cps
Yttrium	89-1	12469342	11986996	12420531	12292290	2.16	cps
Yttrium	89-2	464647	472539	466785	467990	0.87	cps
Zinc	66-2	136665	137870	138025	137520	0.54	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01MS	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618M	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:09:13	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5599540	5638114	5613152	5616935	0.35	cps
Zirconium	91-1	1239389	1247463	1255965	1247606	0.66	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01MSD Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618M Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:12:23 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70115	68885	70250	69750	1.08	cps
Antimony	121-1	3782213	3734785	3771634	3762877	0.66	cps
Arsenic	75-2	57999	57750	56935	57561	0.97	cps
Barium	135-1	4245595	4229023	4272746	4249121	0.52	cps
Barium	137-1	7304172	7297915	7399960	7334016	0.78	cps
Beryllium	9-1	502285	501941	502546	502258	0.06	cps
Bismuth	209-1	8183204	8536552	8646179	8455312	2.86	cps
Bismuth	209-2	2880409	2896342	2854117	2876956	0.74	cps
Boron	10-1	92313	96381	97161	95285	2.73	cps
Boron	11-1	450204	462291	470082	460859	2.17	cps
Cadmium	111-1	791745	797511	798291	795849	0.45	cps
Cadmium	106-1	86578	85899	84548	85675	1.21	cps
Cadmium	108-1	58029	57259	58585	57958	1.15	cps
Calcium	43-1	4748661	4789898	4798543	4779034	0.56	cps
Calcium	44-1	77395045	78243168	78029843	77889352	0.57	cps
Chromium	52-2	450211	447347	450328	449295	0.38	cps
Cobalt	59-2	933307	928018	931283	930869	0.29	cps
Copper	63-2	1544007	1571411	1549538	1554985	0.93	cps
Dysprosium	156-1	258	275	217	250	12.02	cps
Dysprosium	156-2	60	77	103	80	27.33	cps
Erbium	164-1	167	275	183	208	28.00	cps
Erbium	164-2	70	73	43	62	26.43	cps
Gadolinium	160-1	283	292	325	300	7.35	cps
Gadolinium	160-2	100	63	77	80	23.20	cps
Holmium	165-1	13419179	13993391	14167234	13859935	2.82	cps
Holmium	165-2	3713963	3715312	3683674	3704316	0.48	cps
Indium	115-1	10906164	11581470	11634421	11374018	3.57	cps
Indium	115-2	600719	605147	600726	602198	0.42	cps
Iron	56-2	27022698	26915699	26612742	26850380	0.79	cps
Iron	57-2	675962	671435	674587	673995	0.34	cps
Krypton	83-1	353	317	270	313	13.33	cps
Lead	206-1	2339592	2293140	2318021	2316918	1.00	cps
Lead	207-1	2064324	2064870	2073907	2067700	0.26	cps
Lead	208-1	9385309	9294466	9379949	9353242	0.54	cps
Lithium	6-1	1643621	1729755	1703418	1692265	2.61	cps
Magnesium	24-2	2334328	2336175	2333555	2334686	0.06	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01MSD	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618M	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:12:23	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	356543	351839	351481	353287	0.80	cps
Molybdenum	94-1	6692538	6699942	6705768	6699416	0.10	cps
Molybdenum	95-1	8228782	8081398	8227407	8179196	1.04	cps
Molybdenum	96-1	8935554	9028439	9009130	8991041	0.55	cps
Molybdenum	97-1	5125068	5148227	5152467	5141921	0.29	cps
Molybdenum	98-1	12939943	13013708	13162188	13038613	0.87	cps
Neodymium	150-1	467	533	507	502	6.68	cps
Neodymium	150-2	93	67	50	70	31.23	cps
Nickel	60-2	271867	271673	272147	271895	0.09	cps
Phosphorus	31-2	25	83	67	58	51.51	cps
Potassium	39-2	552433	549956	546022	549470	0.59	cps
Rhodium	103-1	10191877	10791767	10914911	10632852	3.64	cps
Rhodium	103-2	3396927	3396280	3397067	3396758	0.01	cps
Scandium	45-1	7165027	7587182	7605940	7452716	3.35	cps
Scandium	45-2	71240	70593	70569	70801	0.54	cps
Selenium	77-2	323	367	380	357	8.31	cps
Selenium	78-2	1239	1232	1252	1241	0.83	cps
Selenium	82-1	51737	51655	51182	51525	0.58	cps
Silicon	28-1	52201053	52189336	52553733	52314707	0.40	cps
Silver	109-1	146532	148604	145219	146785	1.16	cps
Silver	107-1	328635	159543	157705	215294	45.59	cps
Sodium	23-2	10105659	10041680	9957145	10034828	0.74	cps
Strontium	86-1	3032632	3027074	3023882	3027862	0.15	cps
Strontium	88-1	25734960	25827839	25808041	25790280	0.19	cps
Sulfur	34-1	942938	958147	946289	949125	0.84	cps
Terbium	159-1	13721560	14495053	14537903	14251505	3.22	cps
Terbium	159-2	3572480	3559214	3572390	3568028	0.21	cps
Thallium	203-1	2918892	2860383	2902793	2894023	1.04	cps
Thallium	205-1	6806786	6841727	6832971	6827162	0.27	cps
Tin	118-1	2549607	2593424	2613651	2585561	1.27	cps
Titanium	47-1	2347563	2328637	2335646	2337282	0.41	cps
Uranium	238-1	9018651	9006754	9080774	9035393	0.44	cps
Vanadium	51-2	339411	336180	336894	337495	0.50	cps
Yttrium	89-1	12041655	12580498	12636756	12419636	2.65	cps
Yttrium	89-2	464938	468778	463077	465597	0.62	cps
Zinc	66-2	137827	137023	138318	137722	0.47	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01MSD	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618M	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:12:23	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5660854	5638348	5735701	5678301	0.90	cps
Zirconium	91-1	1252724	1251491	1268025	1257413	0.73	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01A	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:15:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69303	69747	70316	69789	0.73	cps
Antimony	121-1	3752385	3731291	3719483	3734386	0.45	cps
Arsenic	75-2	57785	57696	57368	57616	0.38	cps
Barium	135-1	4232606	4293009	4257884	4261167	0.71	cps
Barium	137-1	7376467	7403500	7311794	7363920	0.64	cps
Beryllium	9-1	498482	500168	504445	501032	0.61	cps
Bismuth	209-1	8330326	8586100	8564705	8493711	1.67	cps
Bismuth	209-2	2870409	2868955	2852107	2863824	0.36	cps
Boron	10-1	95147	95331	96717	95732	0.90	cps
Boron	11-1	456820	465738	473299	465286	1.77	cps
Cadmium	111-1	791911	794790	797564	794755	0.36	cps
Cadmium	106-1	85043	84381	88355	85927	2.48	cps
Cadmium	108-1	57313	57388	56819	57174	0.54	cps
Calcium	43-1	4784009	4822217	4845429	4817218	0.64	cps
Calcium	44-1	78087025	78370033	78699846	78385634	0.39	cps
Chromium	52-2	445506	447997	449973	447825	0.50	cps
Cobalt	59-2	932492	933703	932785	932993	0.07	cps
Copper	63-2	1544414	1553444	1577643	1558500	1.10	cps
Dysprosium	156-1	317	300	333	317	5.26	cps
Dysprosium	156-2	33	70	37	47	43.45	cps
Erbium	164-1	275	358	258	297	18.03	cps
Erbium	164-2	60	50	70	60	16.67	cps
Gadolinium	160-1	308	358	258	308	16.22	cps
Gadolinium	160-2	80	133	103	106	25.33	cps
Holmium	165-1	13500502	14172407	13865500	13846136	2.43	cps
Holmium	165-2	3716617	3739217	3676189	3710674	0.86	cps
Indium	115-1	11079976	11460526	11469493	11336665	1.96	cps
Indium	115-2	599511	604408	600385	601434	0.43	cps
Iron	56-2	26522309	26772696	26657005	26650670	0.47	cps
Iron	57-2	668293	675465	671148	671636	0.54	cps
Krypton	83-1	320	343	313	326	4.84	cps
Lead	206-1	2335277	2324823	2333043	2331048	0.24	cps
Lead	207-1	2069947	2068918	2083290	2074051	0.39	cps
Lead	208-1	9369307	9345403	9397180	9370630	0.28	cps
Lithium	6-1	1646386	1695156	1705946	1682496	1.89	cps
Magnesium	24-2	2327974	2332576	2347329	2335960	0.43	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-01A Instrumnet Name : P8
 Client Sample ID : WP021RW246-180618A Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:15:34 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	353178	357146	353245	354523	0.64	cps
Molybdenum	94-1	6659374	6726826	6673423	6686541	0.53	cps
Molybdenum	95-1	8057059	8181846	8144206	8127704	0.79	cps
Molybdenum	96-1	9011355	9034596	9097744	9047898	0.49	cps
Molybdenum	97-1	5139194	5152688	5147313	5146399	0.13	cps
Molybdenum	98-1	12990577	13004993	13094436	13030002	0.43	cps
Neodymium	150-1	493	553	493	513	6.75	cps
Neodymium	150-2	73	60	47	60	22.22	cps
Nickel	60-2	270566	272928	272991	272162	0.51	cps
Phosphorus	31-2	58	100	50	69	38.58	cps
Potassium	39-2	549839	547919	550411	549389	0.24	cps
Rhodium	103-1	10285271	10727492	10671867	10561543	2.28	cps
Rhodium	103-2	3410459	3398654	3349147	3386086	0.96	cps
Scandium	45-1	7364857	7647943	7656168	7556323	2.20	cps
Scandium	45-2	70529	71337	70975	70947	0.57	cps
Selenium	77-2	410	407	323	380	12.92	cps
Selenium	78-2	1215	1137	1256	1203	5.01	cps
Selenium	82-1	51485	51260	52014	51587	0.75	cps
Silicon	28-1	52410190	52889821	52921993	52740668	0.54	cps
Silver	109-1	147512	264584	147854	186650	36.16	cps
Silver	107-1	165931	157233	297138	206767	37.91	cps
Sodium	23-2	10034710	10171700	9997048	10067819	0.91	cps
Strontium	86-1	3029954	3043397	3020730	3031360	0.38	cps
Strontium	88-1	26052483	25750901	25655034	25819473	0.80	cps
Sulfur	34-1	936798	954139	974235	955057	1.96	cps
Terbium	159-1	14032362	14585326	14298995	14305561	1.93	cps
Terbium	159-2	3576529	3614112	3572468	3587703	0.64	cps
Thallium	203-1	2904974	2902746	2870408	2892710	0.67	cps
Thallium	205-1	6827631	6799850	6858816	6828766	0.43	cps
Tin	118-1	2615354	2623943	2613954	2617750	0.21	cps
Titanium	47-1	2366123	2352334	2370639	2363032	0.40	cps
Uranium	238-1	9042342	8959064	9002603	9001336	0.46	cps
Vanadium	51-2	334213	336607	337177	335999	0.47	cps
Yttrium	89-1	12103433	12535536	12571766	12403578	2.10	cps
Yttrium	89-2	465640	471526	464481	467216	0.81	cps
Zinc	66-2	137604	138011	138110	137908	0.19	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-01A	Instrumnet Name :	P8
Client Sample ID :	WP021RW246-180618A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:15:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5656684	5648929	5652602	5652738	0.07	cps
Zirconium	91-1	1247851	1251475	1253016	1250780	0.21	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW002-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:18:44	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	42	67	81	58.82	cps
Antimony	121-1	2367	2375	2017	2253	9.08	cps
Arsenic	75-2	1585	1489	1526	1533	3.17	cps
Barium	135-1	186009	189284	189565	188286	1.05	cps
Barium	137-1	328095	328821	329545	328820	0.22	cps
Beryllium	9-1	311	283	317	304	5.88	cps
Bismuth	209-1	8667015	8652022	8682996	8667344	0.18	cps
Bismuth	209-2	2959035	2925350	2609615	2831333	6.81	cps
Boron	10-1	44010	45122	44294	44476	1.30	cps
Boron	11-1	211394	216351	219885	215877	1.98	cps
Cadmium	111-1	1941	1681	1896	1839	7.55	cps
Cadmium	106-1	2509	2225	2500	2411	6.69	cps
Cadmium	108-1	46	8	29	28	67.64	cps
Calcium	43-1	3145750	3154932	3169270	3156651	0.38	cps
Calcium	44-1	50831022	51084340	51225580	51046981	0.39	cps
Chromium	52-2	21654	22138	22862	22218	2.74	cps
Cobalt	59-2	4631	4814	4844	4763	2.43	cps
Copper	63-2	5298	5294	5494	5362	2.14	cps
Dysprosium	156-1	58	125	125	103	37.45	cps
Dysprosium	156-2	30	20	40	30	33.33	cps
Erbium	164-1	158	183	158	167	8.66	cps
Erbium	164-2	17	23	40	27	45.07	cps
Gadolinium	160-1	117	167	158	147	18.20	cps
Gadolinium	160-2	33	37	40	37	9.10	cps
Holmium	165-1	14085396	14042075	13985408	14037626	0.36	cps
Holmium	165-2	3753245	3683175	3391486	3609302	5.32	cps
Indium	115-1	11696713	11701993	11706272	11701660	0.04	cps
Indium	115-2	615810	611330	553132	593424	5.89	cps
Iron	56-2	4496623	4509138	4528569	4511443	0.36	cps
Iron	57-2	110457	112573	112808	111946	1.16	cps
Krypton	83-1	287	407	363	352	17.25	cps
Lead	206-1	2061	2034	1906	2000	4.15	cps
Lead	207-1	1772	1934	1600	1769	9.43	cps
Lead	208-1	8385	8557	7679	8207	5.67	cps
Lithium	6-1	1704974	1692787	1688653	1695471	0.50	cps
Magnesium	24-2	427065	430610	435588	431088	0.99	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW002-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:18:44	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	179770	180672	182198	180880	0.68	cps
Molybdenum	94-1	13341	12164	11597	12367	7.19	cps
Molybdenum	95-1	17454	16494	16119	16689	4.13	cps
Molybdenum	96-1	18764	18789	17212	18255	4.95	cps
Molybdenum	97-1	11314	10363	10238	10638	5.53	cps
Molybdenum	98-1	26903	26836	26043	26594	1.80	cps
Neodymium	150-1	73	187	120	127	44.96	cps
Neodymium	150-2	23	7	27	19	56.72	cps
Nickel	60-2	23847	23720	23907	23825	0.40	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	31135	31695	31686	31506	1.02	cps
Rhodium	103-1	10869937	10906178	10925046	10900387	0.26	cps
Rhodium	103-2	3493071	3429072	3138245	3353463	5.64	cps
Scandium	45-1	7599600	7545990	7545923	7563837	0.41	cps
Scandium	45-2	71401	71350	63476	68742	6.63	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	133	-35	21	40	216.61	cps
Silicon	28-1	41752972	41867538	42097556	41906022	0.42	cps
Silver	109-1	292	317	350	319	9.16	cps
Silver	107-1	400	383	375	386	3.30	cps
Sodium	23-2	5098218	5179785	5196571	5158191	1.02	cps
Strontium	86-1	1458170	1473825	1424485	1452160	1.74	cps
Strontium	88-1	12323485	12284204	12321517	12309735	0.18	cps
Sulfur	34-1	1559159	1597595	1577644	1578133	1.22	cps
Terbium	159-1	14252380	14487889	14429638	14389969	0.85	cps
Terbium	159-2	3628161	3558587	3218831	3468526	6.31	cps
Thallium	203-1	1842	1525	1700	1689	9.39	cps
Thallium	205-1	4309	4484	4293	4362	2.43	cps
Tin	118-1	3417	3351	2942	3237	7.95	cps
Titanium	47-1	1008	1042	1200	1083	9.46	cps
Uranium	238-1	11122	11381	10713	11072	3.04	cps
Vanadium	51-2	1323	1297	1237	1286	3.45	cps
Yttrium	89-1	12667268	12428656	12529051	12541659	0.96	cps
Yttrium	89-2	469176	463406	425697	452760	5.22	cps
Zinc	66-2	883	840	917	880	4.37	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW002-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:18:44	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8453	7511	6810	7591	10.86	cps
Zirconium	91-1	1825	1634	1525	1661	9.15	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:22:01	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356399	352738	352330	353822	0.63	cps
Antimony	121-1	3754919	3713929	3802314	3757054	1.18	cps
Arsenic	75-2	50438	50432	50585	50485	0.17	cps
Barium	135-1	3993859	3968656	4042543	4001686	0.94	cps
Barium	137-1	6985145	6906723	7016681	6969516	0.81	cps
Beryllium	9-1	503536	500705	502729	502323	0.29	cps
Bismuth	209-1	8593787	8501758	8515407	8536984	0.58	cps
Bismuth	209-2	2871701	2762608	2858052	2830787	2.10	cps
Boron	10-1	57140	59223	60871	59078	3.16	cps
Boron	11-1	275480	284153	285919	281851	1.98	cps
Cadmium	111-1	796030	799768	803820	799873	0.49	cps
Cadmium	106-1	86628	85563	86251	86147	0.63	cps
Cadmium	108-1	57849	57279	57008	57379	0.75	cps
Calcium	43-1	4733111	4799140	4796486	4776246	0.78	cps
Calcium	44-1	77583066	78046031	77835733	77821610	0.30	cps
Chromium	52-2	469929	471387	471916	471077	0.22	cps
Cobalt	59-2	938248	944827	948273	943783	0.54	cps
Copper	63-2	1602364	1600676	1577391	1593477	0.88	cps
Dysprosium	156-1	83	42	125	83	50.00	cps
Dysprosium	156-2	7	17	17	13	43.29	cps
Erbium	164-1	33	83	50	56	45.83	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	108	75	117	100	22.05	cps
Gadolinium	160-2	40	10	23	24	61.49	cps
Holmium	165-1	14198663	14097937	14240417	14179006	0.52	cps
Holmium	165-2	3747382	3676620	3784566	3736189	1.47	cps
Indium	115-1	11662533	11573654	11757584	11664590	0.79	cps
Indium	115-2	604917	587305	608836	600353	1.91	cps
Iron	56-2	73448104	73765185	73993191	73735493	0.37	cps
Iron	57-2	1873320	1889870	1881745	1881645	0.44	cps
Krypton	83-1	367	363	333	354	5.18	cps
Lead	206-1	2296041	2299203	2310278	2301841	0.32	cps
Lead	207-1	2138227	2103266	2118910	2120134	0.83	cps
Lead	208-1	9422645	9422839	9412889	9419458	0.06	cps
Lithium	6-1	1680953	1744041	1721883	1715626	1.87	cps
Magnesium	24-2	8298697	8233954	8197276	8243309	0.62	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:22:01	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	259253	262474	264074	261934	0.94	cps
Molybdenum	94-1	6727211	6738824	6746770	6737602	0.15	cps
Molybdenum	95-1	8266393	8299291	8286688	8284124	0.20	cps
Molybdenum	96-1	9163196	9197674	9292315	9217728	0.73	cps
Molybdenum	97-1	5195933	5236686	5243187	5225269	0.49	cps
Molybdenum	98-1	13218154	13312059	13217474	13249229	0.41	cps
Neodymium	150-1	220	213	227	220	3.03	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	276370	274577	276150	275699	0.35	cps
Phosphorus	31-2	4951	4418	4768	4712	5.75	cps
Potassium	39-2	2346555	2352306	2348404	2349089	0.12	cps
Rhodium	103-1	10748857	10823372	10939648	10837292	0.89	cps
Rhodium	103-2	3371882	3302941	3369249	3348024	1.17	cps
Scandium	45-1	7646565	7682153	7625348	7651355	0.38	cps
Scandium	45-2	72633	70077	72995	71902	2.21	cps
Selenium	77-2	327	333	407	356	12.48	cps
Selenium	78-2	1285	1206	1270	1254	3.38	cps
Selenium	82-1	50967	51479	51483	51310	0.58	cps
Silicon	28-1	2320237	2358670	2482763	2387223	3.56	cps
Silver	109-1	3861894	3880994	3838300	3860396	0.55	cps
Silver	107-1	4001149	4010558	4018794	4010167	0.22	cps
Sodium	23-2	18888545	18799545	18764041	18817377	0.34	cps
Strontium	86-1	1027217	1026665	1043183	1032355	0.91	cps
Strontium	88-1	8849663	8886572	8908711	8881649	0.34	cps
Sulfur	34-1	641291	639743	644741	641925	0.40	cps
Terbium	159-1	14795457	14555785	14807437	14719560	0.96	cps
Terbium	159-2	3575466	3512291	3611069	3566275	1.40	cps
Thallium	203-1	2883740	2864264	2858554	2868853	0.46	cps
Thallium	205-1	6686330	6736235	6696776	6706447	0.39	cps
Tin	118-1	2500140	2527721	2524055	2517305	0.59	cps
Titanium	47-1	2414759	2424320	2416869	2418650	0.21	cps
Uranium	238-1	8817735	8872898	8780419	8823684	0.53	cps
Vanadium	51-2	341446	341770	345495	342904	0.66	cps
Yttrium	89-1	12658984	12702602	12643171	12668252	0.24	cps
Yttrium	89-2	472638	457989	473348	467992	1.85	cps
Zinc	66-2	138628	140032	140170	139610	0.61	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:22:01	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5686440	5720463	5715952	5707618	0.32	cps
Zirconium	91-1	1251389	1244752	1261840	1252660	0.69	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:25:10	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	17	75	50	60.09	cps
Antimony	121-1	12665	11105	10063	11277	11.61	cps
Arsenic	75-2	17	13	15	15	12.52	cps
Barium	135-1	633	542	400	525	22.39	cps
Barium	137-1	983	867	900	917	6.56	cps
Beryllium	9-1	361	250	328	313	18.22	cps
Bismuth	209-1	9057512	9107810	9008523	9057949	0.55	cps
Bismuth	209-2	2993796	2920170	3007564	2973844	1.58	cps
Boron	10-1	4084	3876	3584	3848	6.53	cps
Boron	11-1	19264	19222	18337	18941	2.76	cps
Cadmium	111-1	1754	1718	1894	1789	5.19	cps
Cadmium	106-1	2309	2300	2592	2400	6.92	cps
Cadmium	108-1	17	13	29	19	44.61	cps
Calcium	43-1	1192	1042	1042	1092	7.93	cps
Calcium	44-1	35622	34193	33166	34327	3.59	cps
Chromium	52-2	637	703	770	703	9.48	cps
Cobalt	59-2	103	153	153	137	21.12	cps
Copper	63-2	637	517	503	552	13.30	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	75	67	17	53	59.77	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	67	83	100	83	20.00	cps
Gadolinium	160-2	23	10	17	17	39.99	cps
Holmium	165-1	14064558	14189908	14208719	14154395	0.55	cps
Holmium	165-2	3722797	3604316	3741043	3689385	2.01	cps
Indium	115-1	11918280	12036420	12019645	11991448	0.53	cps
Indium	115-2	621743	599675	623054	614824	2.14	cps
Iron	56-2	8792	8230	6846	7956	12.59	cps
Iron	57-2	256	194	117	189	36.85	cps
Krypton	83-1	393	293	330	339	14.93	cps
Lead	206-1	1022	900	972	965	6.37	cps
Lead	207-1	950	850	839	880	6.96	cps
Lead	208-1	4200	3867	3639	3902	7.23	cps
Lithium	6-1	1752284	1821356	1775498	1783046	1.97	cps
Magnesium	24-2	858	817	683	786	11.63	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P8
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:25:10 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	43	60	51	16.42	cps
Molybdenum	94-1	4985	4034	3792	4270	14.76	cps
Molybdenum	95-1	5143	4651	4351	4715	8.48	cps
Molybdenum	96-1	5993	5426	5068	5496	8.49	cps
Molybdenum	97-1	3451	3034	2642	3042	13.29	cps
Molybdenum	98-1	8270	7261	6560	7363	11.67	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	87	53	63	68	25.24	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3884	4117	3892	3965	3.34	cps
Rhodium	103-1	11483354	11385472	11376359	11415062	0.52	cps
Rhodium	103-2	3587359	3450589	3587888	3541945	2.23	cps
Scandium	45-1	7647639	7746971	7602727	7665779	0.96	cps
Scandium	45-2	70600	69478	70563	70213	0.91	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-41	13	11	-6	-515.56	cps
Silicon	28-1	327274	323594	320081	323650	1.11	cps
Silver	109-1	1700	1425	1433	1520	10.29	cps
Silver	107-1	1717	1784	1600	1700	5.46	cps
Sodium	23-2	18463	18104	17311	17959	3.28	cps
Strontium	86-1	808	658	625	697	14.01	cps
Strontium	88-1	1917	1425	1192	1511	24.49	cps
Sulfur	34-1	357052	356265	357974	357097	0.24	cps
Terbium	159-1	14567976	14640854	14614801	14607877	0.25	cps
Terbium	159-2	3621964	3443445	3593318	3552909	2.70	cps
Thallium	203-1	1650	1767	1525	1647	7.34	cps
Thallium	205-1	3851	3767	3667	3762	2.44	cps
Tin	118-1	4034	3484	3292	3603	10.69	cps
Titanium	47-1	700	442	533	558	23.46	cps
Uranium	238-1	1308	1392	1242	1314	5.72	cps
Vanadium	51-2	23	33	27	28	18.33	cps
Yttrium	89-1	12778334	12827274	12635951	12747186	0.78	cps
Yttrium	89-2	469846	453655	465440	462980	1.81	cps
Zinc	66-2	87	100	137	108	24.02	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:25:10	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3634	3742	3584	3653	2.22	cps
Zirconium	91-1	942	883	725	850	13.19	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW174-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:28:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	92	67	94	30.99	cps
Antimony	121-1	4509	4051	4176	4245	5.58	cps
Arsenic	75-2	80	104	78	87	16.62	cps
Barium	135-1	169048	171878	167801	169576	1.23	cps
Barium	137-1	293724	295963	294760	294816	0.38	cps
Beryllium	9-1	228	150	233	204	22.87	cps
Bismuth	209-1	8369463	8400615	8292177	8354085	0.67	cps
Bismuth	209-2	2796221	2845935	2774773	2805643	1.30	cps
Boron	10-1	27469	29598	29389	28819	4.07	cps
Boron	11-1	139255	142461	143772	141829	1.64	cps
Cadmium	111-1	1437	1527	1514	1493	3.25	cps
Cadmium	106-1	2009	2117	2100	2075	2.81	cps
Cadmium	108-1	21	13	33	22	47.18	cps
Calcium	43-1	2978165	2934205	2961190	2957853	0.75	cps
Calcium	44-1	47252614	47312891	47676876	47414127	0.48	cps
Chromium	52-2	249651	250742	251526	250640	0.38	cps
Cobalt	59-2	5711	6145	6305	6054	5.07	cps
Copper	63-2	8083	8379	8092	8185	2.06	cps
Dysprosium	156-1	50	75	58	61	20.83	cps
Dysprosium	156-2	3	10	20	11	75.52	cps
Erbium	164-1	100	142	83	108	27.73	cps
Erbium	164-2	17	23	27	22	22.91	cps
Gadolinium	160-1	92	108	83	94	13.48	cps
Gadolinium	160-2	10	23	37	23	57.15	cps
Holmium	165-1	13322942	13516459	13134173	13324525	1.43	cps
Holmium	165-2	3534008	3576023	3569650	3559894	0.64	cps
Indium	115-1	11186401	11420910	10996596	11201302	1.90	cps
Indium	115-2	584712	585117	583266	584365	0.17	cps
Iron	56-2	2933512	2921965	2961744	2939074	0.70	cps
Iron	57-2	73403	73856	73924	73728	0.38	cps
Krypton	83-1	347	320	350	339	4.85	cps
Lead	206-1	989	872	989	950	7.09	cps
Lead	207-1	833	845	711	796	9.29	cps
Lead	208-1	3889	3700	3556	3715	4.50	cps
Lithium	6-1	1705057	1658764	1652933	1672251	1.71	cps
Magnesium	24-2	373191	378024	376690	375968	0.66	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-03 Instrumnet Name : P8
 Client Sample ID : WP021MW174-180618 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:28:29 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8313	8436	8469	8406	0.98	cps
Molybdenum	94-1	8678	8336	7761	8258	5.61	cps
Molybdenum	95-1	8161	8303	7978	8147	2.00	cps
Molybdenum	96-1	9729	9729	8987	9482	4.52	cps
Molybdenum	97-1	4934	5635	5285	5285	6.63	cps
Molybdenum	98-1	13165	13716	13024	13302	2.75	cps
Neodymium	150-1	80	40	60	60	33.33	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	115759	117440	117568	116922	0.86	cps
Phosphorus	31-2	58	58	0	39	86.60	cps
Potassium	39-2	52742	51253	51203	51732	1.69	cps
Rhodium	103-1	10402779	10622584	10355803	10460389	1.36	cps
Rhodium	103-2	3364307	3349449	3270322	3328026	1.52	cps
Scandium	45-1	7208636	7187267	7210910	7202271	0.18	cps
Scandium	45-2	68268	67759	67086	67704	0.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	9	4	7	43.34	cps
Selenium	82-1	243	328	267	280	15.62	cps
Silicon	28-1	34787592	34919447	34370118	34692386	0.83	cps
Silver	109-1	467	517	392	458	13.73	cps
Silver	107-1	492	425	433	450	8.07	cps
Sodium	23-2	3985878	3996421	3993926	3992075	0.14	cps
Strontium	86-1	1235817	1225313	1231920	1231017	0.43	cps
Strontium	88-1	10507451	10479083	10615583	10534039	0.68	cps
Sulfur	34-1	963158	957463	942134	954252	1.14	cps
Terbium	159-1	13767533	13974032	13635539	13792368	1.24	cps
Terbium	159-2	3396522	3423938	3446454	3422305	0.73	cps
Thallium	203-1	858	1067	992	972	10.85	cps
Thallium	205-1	2409	2184	2459	2350	6.23	cps
Tin	118-1	2434	2534	2317	2428	4.47	cps
Titanium	47-1	700	575	475	583	19.32	cps
Uranium	238-1	28083	27740	28968	28264	2.24	cps
Vanadium	51-2	3464	3624	3504	3531	2.36	cps
Yttrium	89-1	12168981	11974018	11855304	11999435	1.32	cps
Yttrium	89-2	444998	444633	442330	443987	0.33	cps
Zinc	66-2	623	597	620	613	2.37	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW174-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:28:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9787	8912	8403	9034	7.75	cps
Zirconium	91-1	2092	1800	1775	1889	9.32	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-04 Instrumnet Name : P8
 Client Sample ID : WP021MW345-180618 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:31:47 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	350	375	394	14.38	cps
Antimony	121-1	2184	2409	2259	2284	5.02	cps
Arsenic	75-2	393	381	478	417	12.63	cps
Barium	135-1	247431	253907	249970	250436	1.30	cps
Barium	137-1	437262	436926	439248	437812	0.29	cps
Beryllium	9-1	200	206	217	207	4.09	cps
Bismuth	209-1	8533410	8579091	8699012	8603838	0.99	cps
Bismuth	209-2	2849416	2925553	2876258	2883742	1.34	cps
Boron	10-1	48073	49461	49010	48848	1.45	cps
Boron	11-1	233590	239001	244153	238915	2.21	cps
Cadmium	111-1	1590	1745	1808	1714	6.54	cps
Cadmium	106-1	2275	2392	2517	2395	5.05	cps
Cadmium	108-1	33	13	29	25	44.09	cps
Calcium	43-1	4521532	4533139	4555370	4536681	0.38	cps
Calcium	44-1	73002264	72859343	73458033	73106547	0.43	cps
Chromium	52-2	2417	2350	2340	2369	1.76	cps
Cobalt	59-2	3614	3541	3734	3629	2.69	cps
Copper	63-2	1133	1157	1057	1116	4.69	cps
Dysprosium	156-1	408	342	358	369	9.39	cps
Dysprosium	156-2	137	93	93	108	23.21	cps
Erbium	164-1	367	350	300	339	10.24	cps
Erbium	164-2	60	107	77	81	29.16	cps
Gadolinium	160-1	483	358	467	436	15.56	cps
Gadolinium	160-2	107	107	140	118	16.34	cps
Holmium	165-1	13772577	14037372	14072038	13960662	1.17	cps
Holmium	165-2	3698722	3783648	3670519	3717630	1.58	cps
Indium	115-1	11632989	11676237	11939390	11749539	1.41	cps
Indium	115-2	608027	608479	601806	606104	0.62	cps
Iron	56-2	4487644	4463008	4437266	4462640	0.56	cps
Iron	57-2	110159	111627	110053	110613	0.80	cps
Krypton	83-1	373	300	347	340	10.92	cps
Lead	206-1	1589	1595	1628	1604	1.31	cps
Lead	207-1	1345	1300	1295	1313	2.09	cps
Lead	208-1	6384	6306	6273	6321	0.90	cps
Lithium	6-1	1689991	1697268	1753910	1713723	2.04	cps
Magnesium	24-2	629267	631923	624927	628706	0.56	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW345-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:31:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	151140	149668	149678	150162	0.56	cps
Molybdenum	94-1	3667	3634	3467	3590	2.99	cps
Molybdenum	95-1	1709	1458	1525	1564	8.28	cps
Molybdenum	96-1	2117	1884	2009	2003	5.83	cps
Molybdenum	97-1	992	1225	917	1045	15.40	cps
Molybdenum	98-1	2500	2575	2434	2503	2.83	cps
Neodymium	150-1	653	607	500	587	13.40	cps
Neodymium	150-2	70	80	90	80	12.50	cps
Nickel	60-2	6602	6598	6518	6573	0.72	cps
Phosphorus	31-2	67	83	58	69	18.33	cps
Potassium	39-2	54347	55803	54992	55047	1.33	cps
Rhodium	103-1	10860919	10812847	11000699	10891488	0.90	cps
Rhodium	103-2	3439658	3456470	3415066	3437065	0.61	cps
Scandium	45-1	7467038	7544283	7675855	7562392	1.40	cps
Scandium	45-2	69930	70188	70915	70344	0.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	53	64	52	56	12.16	cps
Silicon	28-1	38493494	38360144	38547054	38466897	0.25	cps
Silver	109-1	233	325	208	256	24.04	cps
Silver	107-1	292	333	408	344	17.17	cps
Sodium	23-2	6148999	6144930	6138028	6143986	0.09	cps
Strontium	86-1	2041245	2045012	2041260	2042506	0.11	cps
Strontium	88-1	17438741	17368548	17302422	17369904	0.39	cps
Sulfur	34-1	1348223	1352345	1377940	1359503	1.18	cps
Terbium	159-1	14549507	14361310	14638673	14516496	0.98	cps
Terbium	159-2	3568788	3621785	3534975	3575183	1.22	cps
Thallium	203-1	617	750	933	767	20.74	cps
Thallium	205-1	1984	1834	1867	1895	4.16	cps
Tin	118-1	1534	1567	1517	1539	1.65	cps
Titanium	47-1	1167	1584	1593	1448	16.81	cps
Uranium	238-1	37600	39480	38903	38661	2.49	cps
Vanadium	51-2	283	297	293	291	2.38	cps
Yttrium	89-1	12312448	12527441	12738484	12526124	1.70	cps
Yttrium	89-2	467362	465500	462117	464993	0.57	cps
Zinc	66-2	1017	937	1080	1011	7.10	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW345-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:31:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8562	7686	7486	7911	7.23	cps
Zirconium	91-1	1475	1775	1659	1636	9.24	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0449-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:35:04	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	258	317	297	11.33	cps
Antimony	121-1	1975	1917	2200	2031	7.37	cps
Arsenic	75-2	4056	4027	3901	3994	2.07	cps
Barium	135-1	301518	307930	302347	303932	1.15	cps
Barium	137-1	524918	528615	525481	526338	0.38	cps
Beryllium	9-1	133	189	200	174	20.52	cps
Bismuth	209-1	8712708	8740267	8625130	8692702	0.69	cps
Bismuth	209-2	2857382	2892215	2839248	2862949	0.94	cps
Boron	10-1	36038	37876	39288	37734	4.32	cps
Boron	11-1	183697	185722	188607	186009	1.33	cps
Cadmium	111-1	1744	1816	1891	1817	4.05	cps
Cadmium	106-1	2475	2500	2609	2528	2.80	cps
Cadmium	108-1	50	25	21	32	49.39	cps
Calcium	43-1	3847343	3882708	3898420	3876157	0.67	cps
Calcium	44-1	62488718	62510451	62496674	62498615	0.02	cps
Chromium	52-2	2170	2254	2300	2241	2.94	cps
Cobalt	59-2	853	1003	830	896	10.50	cps
Copper	63-2	1013	947	983	981	3.40	cps
Dysprosium	156-1	133	167	158	153	11.36	cps
Dysprosium	156-2	50	33	33	39	24.75	cps
Erbium	164-1	200	208	183	197	6.45	cps
Erbium	164-2	33	43	43	40	14.43	cps
Gadolinium	160-1	192	183	217	197	8.80	cps
Gadolinium	160-2	43	40	67	50	29.06	cps
Holmium	165-1	14209950	14042041	13965220	14072404	0.89	cps
Holmium	165-2	3703077	3728716	3622868	3684887	1.50	cps
Indium	115-1	11827761	11701740	11652532	11727344	0.77	cps
Indium	115-2	600168	605157	591205	598843	1.18	cps
Iron	56-2	8993227	8944933	8990332	8976164	0.30	cps
Iron	57-2	226163	226416	224796	225791	0.39	cps
Krypton	83-1	363	337	320	340	6.43	cps
Lead	206-1	2417	2567	2534	2506	3.14	cps
Lead	207-1	2195	2167	2184	2182	0.64	cps
Lead	208-1	9996	10169	10052	10072	0.87	cps
Lithium	6-1	1723880	1748303	1748406	1740196	0.81	cps
Magnesium	24-2	605613	601674	597055	601447	0.71	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0449-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:35:04	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	98229	96379	97843	97484	1.00	cps
Molybdenum	94-1	2984	3201	3076	3087	3.52	cps
Molybdenum	95-1	3001	2592	2850	2814	7.34	cps
Molybdenum	96-1	3351	3517	3209	3359	4.60	cps
Molybdenum	97-1	1625	1859	1859	1781	7.57	cps
Molybdenum	98-1	4059	4793	4634	4495	8.59	cps
Neodymium	150-1	253	260	260	258	1.49	cps
Neodymium	150-2	37	37	17	30	38.49	cps
Nickel	60-2	1467	1477	1580	1508	4.16	cps
Phosphorus	31-2	58	17	92	56	67.63	cps
Potassium	39-2	92562	93653	92209	92808	0.81	cps
Rhodium	103-1	11031535	10788417	10898824	10906259	1.12	cps
Rhodium	103-2	3403844	3434004	3366314	3401387	1.00	cps
Scandium	45-1	7589845	7462736	7468095	7506892	0.96	cps
Scandium	45-2	69517	70352	69009	69626	0.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	10	34	90	44	92.96	cps
Silicon	28-1	48758170	48839321	48939752	48845748	0.19	cps
Silver	109-1	258	142	175	192	31.35	cps
Silver	107-1	258	242	450	317	36.56	cps
Sodium	23-2	6253466	6314089	6222188	6263248	0.75	cps
Strontium	86-1	1973763	2036070	2001718	2003850	1.56	cps
Strontium	88-1	16792298	16899299	16922902	16871500	0.41	cps
Sulfur	34-1	981861	964040	975607	973836	0.93	cps
Terbium	159-1	14821222	14549086	14513887	14628065	1.15	cps
Terbium	159-2	3563509	3540210	3498030	3533916	0.94	cps
Thallium	203-1	675	650	742	689	6.88	cps
Thallium	205-1	1383	1484	1283	1383	7.23	cps
Tin	118-1	1425	1400	1350	1392	2.74	cps
Titanium	47-1	900	1142	1058	1033	11.88	cps
Uranium	238-1	3209	3251	3134	3198	1.85	cps
Vanadium	51-2	270	253	217	247	11.06	cps
Yttrium	89-1	12585410	12401278	12659193	12548627	1.06	cps
Yttrium	89-2	462290	462498	454818	459869	0.95	cps
Zinc	66-2	913	803	807	841	7.44	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0449-180618	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:35:04	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4426	4209	4193	4276	3.04	cps
Zirconium	91-1	958	975	842	925	7.85	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-06	Instrumnet Name :	P8
Client Sample ID :	WP021MW352-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:38:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	42	75	61	28.38	cps
Antimony	121-1	1133	1075	908	1039	11.24	cps
Arsenic	75-2	30	35	46	37	22.91	cps
Barium	135-1	30453	30035	29735	30074	1.20	cps
Barium	137-1	50748	51810	50849	51136	1.15	cps
Beryllium	9-1	183	156	144	161	12.43	cps
Bismuth	209-1	8590301	8529710	8599451	8573154	0.44	cps
Bismuth	209-2	2821939	2801867	2852729	2825512	0.91	cps
Boron	10-1	178436	183611	189198	183748	2.93	cps
Boron	11-1	884510	918675	935661	912949	2.85	cps
Cadmium	111-1	2006	1752	1912	1890	6.79	cps
Cadmium	106-1	2767	2400	2617	2595	7.11	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Calcium	43-1	6695498	6752941	6777520	6741986	0.62	cps
Calcium	44-1	108382815	108972482	110443715	109266337	0.97	cps
Chromium	52-2	1333	1427	1230	1330	7.40	cps
Cobalt	59-2	483	350	460	431	16.52	cps
Copper	63-2	710	807	800	772	6.99	cps
Dysprosium	156-1	25	58	58	47	40.76	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	83	25	67	58	51.51	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	142	117	92	117	21.43	cps
Gadolinium	160-2	27	30	27	28	6.92	cps
Holmium	165-1	14027362	14155712	14120229	14101101	0.47	cps
Holmium	165-2	3718987	3651241	3664430	3678219	0.98	cps
Indium	115-1	11558519	11568925	11598115	11575186	0.18	cps
Indium	115-2	598144	591363	597258	595589	0.62	cps
Iron	56-2	119884	120314	120281	120160	0.20	cps
Iron	57-2	3023	3050	3484	3186	8.12	cps
Krypton	83-1	380	397	283	353	17.32	cps
Lead	206-1	1111	1350	1045	1169	13.75	cps
Lead	207-1	1039	967	1061	1022	4.83	cps
Lead	208-1	4428	4606	4689	4575	2.92	cps
Lithium	6-1	1719694	1729256	1725358	1724770	0.28	cps
Magnesium	24-2	1897426	1925832	1907789	1910349	0.75	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-06	Instrumnet Name :	P8
Client Sample ID :	WP021MW352-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:38:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16473	16323	16700	16499	1.15	cps
Molybdenum	94-1	1759	1925	1709	1797	6.31	cps
Molybdenum	95-1	892	917	933	914	2.29	cps
Molybdenum	96-1	1342	1133	1333	1270	9.29	cps
Molybdenum	97-1	650	583	633	622	5.58	cps
Molybdenum	98-1	1333	1317	1375	1342	2.24	cps
Neodymium	150-1	47	13	33	31	53.94	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	967	1060	970	999	5.30	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	119950	118503	117327	118593	1.11	cps
Rhodium	103-1	10666073	10684520	10626577	10659056	0.28	cps
Rhodium	103-2	3360153	3324371	3347452	3343992	0.54	cps
Scandium	45-1	7518704	7473885	7482677	7491755	0.32	cps
Scandium	45-2	68577	69766	69454	69265	0.89	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	13	4	7	8	58.09	cps
Selenium	82-1	439	385	552	459	18.67	cps
Silicon	28-1	69831666	69999577	70181920	70004388	0.25	cps
Silver	109-1	425	325	392	381	13.38	cps
Silver	107-1	467	450	575	497	13.65	cps
Sodium	23-2	16126676	16170109	15989919	16095568	0.58	cps
Strontium	86-1	5613193	5744899	5754938	5704343	1.39	cps
Strontium	88-1	48790662	49236166	49632765	49219864	0.86	cps
Sulfur	34-1	5261598	5273141	5314002	5282913	0.52	cps
Terbium	159-1	14475422	14615277	14444519	14511739	0.63	cps
Terbium	159-2	3570008	3524069	3597613	3563897	1.04	cps
Thallium	203-1	625	708	467	600	20.46	cps
Thallium	205-1	1575	1250	1433	1420	11.48	cps
Tin	118-1	1717	1584	1859	1720	8.00	cps
Titanium	47-1	1225	1233	1275	1245	2.15	cps
Uranium	238-1	119370	121448	123213	121344	1.59	cps
Vanadium	51-2	160	173	173	169	4.56	cps
Yttrium	89-1	12482181	12568275	12535566	12528674	0.35	cps
Yttrium	89-2	459747	450484	454130	454787	1.03	cps
Zinc	66-2	963	920	910	931	3.04	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-06	Instrumnet Name :	P8
Client Sample ID :	WP021MW352-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:38:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3559	3367	3567	3498	3.24	cps
Zirconium	91-1	733	775	867	792	8.62	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-07 Instrumnet Name : P8
 Client Sample ID : WP021MW038-180619 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:41:39 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	17	58	65.46	cps
Antimony	121-1	983	1225	1167	1125	11.21	cps
Arsenic	75-2	6231	6235	6398	6288	1.51	cps
Barium	135-1	151198	155064	156489	154251	1.77	cps
Barium	137-1	267407	272853	272572	270944	1.13	cps
Beryllium	9-1	217	261	156	211	25.10	cps
Bismuth	209-1	8939377	9075611	8968316	8994435	0.80	cps
Bismuth	209-2	2917491	2957013	2902885	2925797	0.96	cps
Boron	10-1	53434	54655	54429	54173	1.20	cps
Boron	11-1	261534	267773	269689	266332	1.60	cps
Cadmium	111-1	1691	1650	1923	1755	8.39	cps
Cadmium	106-1	2367	2309	2575	2417	5.80	cps
Cadmium	108-1	4	29	13	15	83.31	cps
Calcium	43-1	3610153	3655128	3665463	3643581	0.81	cps
Calcium	44-1	58635939	58860980	59372447	58956455	0.64	cps
Chromium	52-2	4778	4851	4547	4725	3.35	cps
Cobalt	59-2	2364	2287	2437	2362	3.18	cps
Copper	63-2	773	653	767	731	9.22	cps
Dysprosium	156-1	50	92	100	81	33.26	cps
Dysprosium	156-2	13	13	30	19	50.96	cps
Erbium	164-1	117	158	83	119	31.46	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	200	108	117	142	35.78	cps
Gadolinium	160-2	17	23	23	21	18.21	cps
Holmium	165-1	14613196	14466561	14404966	14494908	0.74	cps
Holmium	165-2	3767012	3685171	3665983	3706055	1.45	cps
Indium	115-1	12098623	11922862	11874882	11965456	0.98	cps
Indium	115-2	605321	597519	599058	600633	0.69	cps
Iron	56-2	11828295	11787271	11843260	11819609	0.25	cps
Iron	57-2	297140	297422	298446	297669	0.23	cps
Krypton	83-1	367	370	320	352	7.94	cps
Lead	206-1	1411	1428	1439	1426	0.98	cps
Lead	207-1	1139	1178	1228	1182	3.77	cps
Lead	208-1	5351	5517	5590	5486	2.23	cps
Lithium	6-1	1767223	1792817	1789291	1783110	0.78	cps
Magnesium	24-2	606153	609403	611160	608905	0.42	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-07	Instrumnet Name :	P8
Client Sample ID :	WP021MW038-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:41:39	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	245238	246802	247015	246352	0.39	cps
Molybdenum	94-1	4559	4601	4926	4696	4.28	cps
Molybdenum	95-1	5410	5201	5301	5304	1.96	cps
Molybdenum	96-1	6193	6018	6060	6091	1.50	cps
Molybdenum	97-1	3442	3359	3476	3426	1.75	cps
Molybdenum	98-1	9162	9370	8536	9023	4.81	cps
Neodymium	150-1	93	40	53	62	44.61	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	3511	3584	3527	3541	1.09	cps
Phosphorus	31-2	25	17	25	22	21.64	cps
Potassium	39-2	51269	51880	52148	51766	0.87	cps
Rhodium	103-1	11255301	11008790	11044399	11102830	1.20	cps
Rhodium	103-2	3426483	3405031	3420019	3417178	0.32	cps
Scandium	45-1	7602567	7529203	7583530	7571766	0.50	cps
Scandium	45-2	69209	68985	69273	69156	0.22	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	52	55	94	67	34.95	cps
Silicon	28-1	54374720	55054939	55365641	54931767	0.92	cps
Silver	109-1	267	225	300	264	14.24	cps
Silver	107-1	392	258	383	344	21.68	cps
Sodium	23-2	6240660	6255744	6266325	6254243	0.21	cps
Strontium	86-1	1930907	1959050	1961617	1950525	0.87	cps
Strontium	88-1	16473341	16442227	16524768	16480112	0.25	cps
Sulfur	34-1	1820520	1842244	1838353	1833706	0.63	cps
Terbium	159-1	15034255	14822352	14916578	14924395	0.71	cps
Terbium	159-2	3570712	3583967	3522157	3558945	0.91	cps
Thallium	203-1	592	550	583	575	3.83	cps
Thallium	205-1	1058	1225	1208	1164	7.89	cps
Tin	118-1	1142	833	967	981	15.77	cps
Titanium	47-1	642	700	675	672	4.35	cps
Uranium	238-1	17304	17613	17496	17471	0.89	cps
Vanadium	51-2	457	483	530	490	7.58	cps
Yttrium	89-1	12890306	12766679	12794445	12817143	0.51	cps
Yttrium	89-2	461431	457123	456007	458187	0.63	cps
Zinc	66-2	1337	1320	1163	1273	7.51	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-07	Instrumnet Name :	P8
Client Sample ID :	WP021MW038-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:41:39	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4017	4059	3959	4012	1.25	cps
Zirconium	91-1	983	817	883	895	9.38	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-08 Instrumnet Name : P8
 Client Sample ID : WP021MW348-180619 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:44:57 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	42	75	40.06	cps
Antimony	121-1	1067	892	1025	995	9.19	cps
Arsenic	75-2	31	41	39	37	13.23	cps
Barium	135-1	122160	124296	123740	123399	0.90	cps
Barium	137-1	215826	218543	214741	216370	0.91	cps
Beryllium	9-1	161	144	189	165	13.62	cps
Bismuth	209-1	8750798	8881820	8906797	8846471	0.95	cps
Bismuth	209-2	2967313	2947910	2926762	2947328	0.69	cps
Boron	10-1	31619	33365	33899	32961	3.62	cps
Boron	11-1	160134	163319	166094	163182	1.83	cps
Cadmium	111-1	3999	3606	3935	3847	5.48	cps
Cadmium	106-1	2909	2584	2600	2698	6.79	cps
Cadmium	108-1	154	158	146	153	4.17	cps
Calcium	43-1	3365547	3406434	3372306	3381429	0.65	cps
Calcium	44-1	54237749	55209099	54061110	54502653	1.13	cps
Chromium	52-2	1287	1177	1310	1258	5.66	cps
Cobalt	59-2	2757	2787	2830	2791	1.32	cps
Copper	63-2	21741	21647	22001	21796	0.84	cps
Dysprosium	156-1	67	50	75	64	19.92	cps
Dysprosium	156-2	30	13	17	20	44.10	cps
Erbium	164-1	158	67	58	94	58.75	cps
Erbium	164-2	27	20	17	21	24.12	cps
Gadolinium	160-1	125	142	175	147	17.29	cps
Gadolinium	160-2	40	20	30	30	33.33	cps
Holmium	165-1	14123197	14409983	14416769	14316649	1.17	cps
Holmium	165-2	3750716	3740884	3694311	3728637	0.81	cps
Indium	115-1	11695141	11784176	11814885	11764734	0.53	cps
Indium	115-2	607607	605531	606684	606607	0.17	cps
Iron	56-2	102776	103218	101169	102388	1.05	cps
Iron	57-2	2445	2817	2634	2632	7.07	cps
Krypton	83-1	373	347	357	359	3.75	cps
Lead	206-1	872	778	711	787	10.29	cps
Lead	207-1	689	767	700	719	5.86	cps
Lead	208-1	3295	3245	3206	3248	1.37	cps
Lithium	6-1	1727471	1763824	1799352	1763549	2.04	cps
Magnesium	24-2	428899	430725	433010	430878	0.48	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-08	Instrumnet Name :	P8
Client Sample ID :	WP021MW348-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:44:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	188804	188915	189402	189040	0.17	cps
Molybdenum	94-1	2275	2217	2592	2361	8.55	cps
Molybdenum	95-1	2875	2667	2525	2689	6.55	cps
Molybdenum	96-1	2675	3151	2950	2925	8.15	cps
Molybdenum	97-1	1742	1592	1625	1653	4.77	cps
Molybdenum	98-1	4201	3984	4234	4140	3.28	cps
Neodymium	150-1	100	47	80	76	35.66	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1233	1467	1553	1418	11.67	cps
Phosphorus	31-2	17	17	33	22	43.28	cps
Potassium	39-2	76592	76081	77221	76631	0.74	cps
Rhodium	103-1	10965954	10860329	11136149	10987477	1.27	cps
Rhodium	103-2	3456308	3462707	3466084	3461699	0.14	cps
Scandium	45-1	7431375	7476151	7634131	7513886	1.42	cps
Scandium	45-2	70030	69514	69678	69741	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	3	14	15	11	60.73	cps
Silicon	28-1	27749652	27877038	27706846	27777845	0.32	cps
Silver	109-1	225	192	267	228	16.50	cps
Silver	107-1	267	217	258	247	10.84	cps
Sodium	23-2	4458997	4463366	4461403	4461255	0.05	cps
Strontium	86-1	1796653	1794665	1779669	1790329	0.52	cps
Strontium	88-1	15014949	15185795	15080994	15093912	0.57	cps
Sulfur	34-1	1307507	1310057	1289781	1302448	0.85	cps
Terbium	159-1	14820348	14758077	14756194	14778206	0.25	cps
Terbium	159-2	3600600	3601942	3580679	3594407	0.33	cps
Thallium	203-1	542	383	550	492	19.10	cps
Thallium	205-1	1333	1158	1350	1281	8.29	cps
Tin	118-1	1067	933	967	989	7.02	cps
Titanium	47-1	883	942	1008	945	6.62	cps
Uranium	238-1	11539	11531	11506	11525	0.15	cps
Vanadium	51-2	27	47	57	43	35.25	cps
Yttrium	89-1	12439039	12552721	12607936	12533232	0.69	cps
Yttrium	89-2	464633	462448	462258	463113	0.29	cps
Zinc	66-2	2484	2274	2284	2347	5.05	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-08	Instrumnet Name :	P8
Client Sample ID :	WP021MW348-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:44:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2667	2425	2367	2486	6.40	cps
Zirconium	91-1	583	542	617	581	6.47	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-09 Instrumnet Name : P8
 Client Sample ID : WP021MW346-180619 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:48:15 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	167	217	194	13.09	cps
Antimony	121-1	1150	1075	1083	1103	3.73	cps
Arsenic	75-2	1215	1139	1232	1195	4.13	cps
Barium	135-1	324159	327616	322588	324788	0.79	cps
Barium	137-1	559488	567680	565822	564330	0.76	cps
Beryllium	9-1	217	200	200	206	4.68	cps
Bismuth	209-1	8757009	9046755	9110024	8971263	2.10	cps
Bismuth	209-2	2903842	3040914	2969143	2971300	2.31	cps
Boron	10-1	34276	32780	34134	33730	2.45	cps
Boron	11-1	165300	166455	169801	167185	1.40	cps
Cadmium	111-1	2395	2436	2655	2495	5.61	cps
Cadmium	106-1	2542	2492	2775	2603	5.81	cps
Cadmium	108-1	79	83	83	82	2.94	cps
Calcium	43-1	4050746	4059621	4031484	4047284	0.36	cps
Calcium	44-1	65500851	65936947	65742089	65726629	0.33	cps
Chromium	52-2	2240	2394	2410	2348	3.99	cps
Cobalt	59-2	5778	5715	5931	5808	1.92	cps
Copper	63-2	1867	1747	1960	1858	5.76	cps
Dysprosium	156-1	75	83	58	72	17.62	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	92	142	133	122	21.92	cps
Erbium	164-2	13	17	17	16	12.40	cps
Gadolinium	160-1	158	125	175	153	16.66	cps
Gadolinium	160-2	43	37	43	41	9.35	cps
Holmium	165-1	14072273	14507866	14520754	14366964	1.78	cps
Holmium	165-2	3721980	3857505	3794636	3791374	1.79	cps
Indium	115-1	11601558	11759761	11977110	11779476	1.60	cps
Indium	115-2	602057	626463	612722	613747	1.99	cps
Iron	56-2	3919403	3905663	3929104	3918057	0.30	cps
Iron	57-2	97254	96057	96548	96620	0.62	cps
Krypton	83-1	393	330	273	332	18.07	cps
Lead	206-1	895	939	845	893	5.29	cps
Lead	207-1	656	828	817	767	12.57	cps
Lead	208-1	3211	3611	3600	3474	6.56	cps
Lithium	6-1	1739132	1777834	1818597	1778521	2.23	cps
Magnesium	24-2	562897	552626	571096	562206	1.65	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-09	Instrumnet Name :	P8
Client Sample ID :	WP021MW346-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:48:15	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	72990	70828	72614	72144	1.60	cps
Molybdenum	94-1	3567	3659	3701	3642	1.87	cps
Molybdenum	95-1	4234	4318	4393	4315	1.84	cps
Molybdenum	96-1	4651	4493	5009	4718	5.61	cps
Molybdenum	97-1	2692	2717	2825	2745	2.58	cps
Molybdenum	98-1	6669	6785	6985	6813	2.35	cps
Neodymium	150-1	120	73	127	107	27.24	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	2140	2344	2190	2225	4.76	cps
Phosphorus	31-2	367	408	442	406	9.27	cps
Potassium	39-2	301045	296907	303747	300566	1.15	cps
Rhodium	103-1	10644981	10901227	11084495	10876901	2.03	cps
Rhodium	103-2	3435352	3553132	3507088	3498524	1.70	cps
Scandium	45-1	7437241	7540800	7606066	7528036	1.13	cps
Scandium	45-2	69206	71695	70616	70506	1.77	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	47	114	250	137	75.21	cps
Silicon	28-1	43056830	43178256	42910524	43048537	0.31	cps
Silver	109-1	367	258	233	286	24.77	cps
Silver	107-1	308	383	342	344	10.91	cps
Sodium	23-2	4293338	4231464	4305140	4276647	0.93	cps
Strontium	86-1	2308279	2338630	2304644	2317184	0.81	cps
Strontium	88-1	19535369	19835175	19477886	19616143	0.98	cps
Sulfur	34-1	956978	959184	941806	952656	0.99	cps
Terbium	159-1	14372494	14843865	15099105	14771821	2.50	cps
Terbium	159-2	3567502	3699825	3620420	3629249	1.84	cps
Thallium	203-1	492	550	550	531	6.35	cps
Thallium	205-1	1208	1258	1333	1267	4.97	cps
Tin	118-1	1083	1208	1100	1131	6.00	cps
Titanium	47-1	1200	1167	1208	1192	1.85	cps
Uranium	238-1	34649	35602	34816	35023	1.45	cps
Vanadium	51-2	650	737	623	670	8.84	cps
Yttrium	89-1	12395012	12680654	12792038	12622568	1.62	cps
Yttrium	89-2	459364	475243	464136	466248	1.75	cps
Zinc	66-2	477	550	617	548	12.78	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-09	Instrumnet Name :	P8
Client Sample ID :	WP021MW346-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:48:15	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3884	4009	3584	3826	5.71	cps
Zirconium	91-1	875	825	967	889	8.08	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-10 Instrumnet Name : P8
 Client Sample ID : WP021MW173-180619 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:51:33 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	100	61	56.77	cps
Antimony	121-1	542	592	583	572	4.68	cps
Arsenic	75-2	1685	1774	1670	1710	3.28	cps
Barium	135-1	120032	119032	118812	119292	0.54	cps
Barium	137-1	209791	208301	209832	209308	0.42	cps
Beryllium	9-1	106	117	133	119	11.80	cps
Bismuth	209-1	9034416	8973801	9059321	9022513	0.49	cps
Bismuth	209-2	2920170	2813075	2870959	2868068	1.87	cps
Boron	10-1	27544	27686	28204	27811	1.25	cps
Boron	11-1	136890	139548	141154	139197	1.55	cps
Cadmium	111-1	1621	1670	1616	1635	1.83	cps
Cadmium	106-1	2292	2342	2334	2323	1.15	cps
Cadmium	108-1	13	4	38	18	96.06	cps
Calcium	43-1	2528073	2551329	2582743	2554048	1.07	cps
Calcium	44-1	40827437	40933572	41119470	40960160	0.36	cps
Chromium	52-2	16316	16190	16487	16331	0.91	cps
Cobalt	59-2	9747	9543	9730	9674	1.17	cps
Copper	63-2	877	727	853	819	9.86	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	133	83	75	97	32.45	cps
Gadolinium	160-2	10	13	27	17	52.93	cps
Holmium	165-1	14494822	14337886	14356629	14396446	0.60	cps
Holmium	165-2	3739217	3552549	3711423	3667730	2.75	cps
Indium	115-1	11910741	11845752	11776705	11844399	0.57	cps
Indium	115-2	600176	577501	600396	592691	2.22	cps
Iron	56-2	3674005	3627865	3636419	3646096	0.67	cps
Iron	57-2	90745	90313	90017	90358	0.40	cps
Krypton	83-1	347	290	350	329	10.25	cps
Lead	206-1	833	911	911	885	5.07	cps
Lead	207-1	717	911	772	800	12.52	cps
Lead	208-1	3539	3589	3384	3504	3.06	cps
Lithium	6-1	1800862	1787108	1794200	1794057	0.38	cps
Magnesium	24-2	393712	396759	395383	395285	0.39	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3662-10 Instrumnet Name : P8
 Client Sample ID : WP021MW173-180619 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:51:33 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	124091	124281	124892	124421	0.34	cps
Molybdenum	94-1	3509	3609	3617	3578	1.69	cps
Molybdenum	95-1	4493	3809	3917	4073	9.02	cps
Molybdenum	96-1	4568	4259	4501	4443	3.65	cps
Molybdenum	97-1	2475	2634	2475	2528	3.62	cps
Molybdenum	98-1	6560	6452	6352	6455	1.62	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	3901	3751	3581	3744	4.28	cps
Phosphorus	31-2	17	42	58	39	53.93	cps
Potassium	39-2	39807	41053	39690	40184	1.88	cps
Rhodium	103-1	11161707	11097706	10985149	11081521	0.81	cps
Rhodium	103-2	3461153	3307916	3471123	3413397	2.68	cps
Scandium	45-1	7528332	7496692	7578357	7534460	0.55	cps
Scandium	45-2	67900	65830	68817	67516	2.27	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	2	4	4	65.54	cps
Selenium	82-1	-7	38	6	12	191.80	cps
Silicon	28-1	40521128	40451436	40733368	40568644	0.36	cps
Silver	109-1	325	225	200	250	26.46	cps
Silver	107-1	267	242	358	289	21.26	cps
Sodium	23-2	6593987	6617539	6560948	6590825	0.43	cps
Strontium	86-1	1469631	1475277	1470918	1471942	0.20	cps
Strontium	88-1	12428862	12550462	12593257	12524193	0.68	cps
Sulfur	34-1	1070567	1073023	1075658	1073083	0.24	cps
Terbium	159-1	14977631	14826537	14748234	14850800	0.79	cps
Terbium	159-2	3557536	3416880	3589951	3521456	2.61	cps
Thallium	203-1	450	383	333	389	15.05	cps
Thallium	205-1	925	742	983	883	14.28	cps
Tin	118-1	850	867	950	889	6.03	cps
Titanium	47-1	508	667	817	664	23.23	cps
Uranium	238-1	1300	1392	1283	1325	4.40	cps
Vanadium	51-2	400	543	460	468	15.39	cps
Yttrium	89-1	12731900	12602406	12614957	12649755	0.56	cps
Yttrium	89-2	453791	440888	458612	451097	2.03	cps
Zinc	66-2	817	697	810	774	8.71	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3662-10	Instrumnet Name :	P8
Client Sample ID :	WP021MW173-180619	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:51:33	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4293	4134	3701	4042	7.58	cps
Zirconium	91-1	842	842	900	861	3.91	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW244-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:54:50	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	133	117	133	12.50	cps
Antimony	121-1	808	725	742	758	5.81	cps
Arsenic	75-2	433	411	496	447	9.89	cps
Barium	135-1	271979	274305	275906	274063	0.72	cps
Barium	137-1	467605	482116	478044	475922	1.57	cps
Beryllium	9-1	83	133	150	122	28.39	cps
Bismuth	209-1	9071994	9099017	8916637	9029216	1.09	cps
Bismuth	209-2	2968377	2958245	2923604	2950075	0.80	cps
Boron	10-1	36999	37809	38235	37681	1.67	cps
Boron	11-1	180354	185661	190964	185660	2.86	cps
Cadmium	111-1	1928	1889	1754	1857	4.90	cps
Cadmium	106-1	2542	2559	2367	2489	4.27	cps
Cadmium	108-1	8	21	33	21	60.01	cps
Calcium	43-1	3340533	3343315	3338972	3340940	0.07	cps
Calcium	44-1	54353072	53951899	54389499	54231490	0.45	cps
Chromium	52-2	1160	1223	1307	1230	5.98	cps
Cobalt	59-2	5084	4831	4868	4928	2.78	cps
Copper	63-2	823	657	727	736	11.38	cps
Dysprosium	156-1	58	92	125	92	36.36	cps
Dysprosium	156-2	13	13	23	17	34.65	cps
Erbium	164-1	158	133	92	128	26.36	cps
Erbium	164-2	27	13	13	18	43.33	cps
Gadolinium	160-1	217	142	108	156	35.67	cps
Gadolinium	160-2	43	40	37	40	8.32	cps
Holmium	165-1	14439979	14867242	14553639	14620287	1.51	cps
Holmium	165-2	3758246	3743220	3765968	3755812	0.31	cps
Indium	115-1	12023911	12196494	11983204	12067869	0.94	cps
Indium	115-2	615290	605620	603007	607972	1.06	cps
Iron	56-2	2125770	2107100	2138580	2123817	0.75	cps
Iron	57-2	51674	52382	53659	52572	1.91	cps
Krypton	83-1	340	280	293	304	10.35	cps
Lead	206-1	1972	2022	2245	2080	6.97	cps
Lead	207-1	1667	1711	1695	1691	1.33	cps
Lead	208-1	7412	7890	8579	7960	7.37	cps
Lithium	6-1	1798757	1799288	1806335	1801460	0.23	cps
Magnesium	24-2	405562	405862	408739	406721	0.43	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW244-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:54:50	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	161167	160544	159883	160531	0.40	cps
Molybdenum	94-1	2325	2325	2409	2353	2.05	cps
Molybdenum	95-1	2684	2517	2484	2561	4.18	cps
Molybdenum	96-1	2750	2617	2475	2614	5.26	cps
Molybdenum	97-1	1325	1542	1475	1447	7.67	cps
Molybdenum	98-1	3584	3851	3942	3792	4.91	cps
Neodymium	150-1	133	113	100	116	14.52	cps
Neodymium	150-2	17	13	10	13	25.01	cps
Nickel	60-2	2764	2750	2887	2800	2.69	cps
Phosphorus	31-2	25	0	33	19	89.21	cps
Potassium	39-2	62390	61543	62255	62063	0.73	cps
Rhodium	103-1	11226139	11219091	11047011	11164081	0.91	cps
Rhodium	103-2	3527223	3479518	3452380	3486374	1.09	cps
Scandium	45-1	7668264	7582753	7544866	7598628	0.83	cps
Scandium	45-2	70449	69622	69129	69733	0.96	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	-15	62	36	28	142.33	cps
Silicon	28-1	35263506	35594104	35740355	35532655	0.69	cps
Silver	109-1	292	250	267	269	7.78	cps
Silver	107-1	392	317	233	314	25.23	cps
Sodium	23-2	4326841	4297706	4391346	4338631	1.10	cps
Strontium	86-1	1683211	1691925	1702705	1692614	0.58	cps
Strontium	88-1	14178943	14306731	14372877	14286183	0.69	cps
Sulfur	34-1	971425	980882	981434	977914	0.58	cps
Terbium	159-1	15204547	15197738	14768529	15056938	1.66	cps
Terbium	159-2	3653630	3606226	3575969	3611942	1.08	cps
Thallium	203-1	458	517	567	514	10.55	cps
Thallium	205-1	1300	1333	1192	1275	5.81	cps
Tin	118-1	1300	1408	1417	1375	4.73	cps
Titanium	47-1	800	750	642	731	11.08	cps
Uranium	238-1	27640	28442	28258	28113	1.49	cps
Vanadium	51-2	130	157	177	154	15.16	cps
Yttrium	89-1	12817796	12665488	12783784	12755689	0.63	cps
Yttrium	89-2	466772	461949	457521	462081	1.00	cps
Zinc	66-2	1657	1583	1693	1645	3.41	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-01	Instrumnet Name :	P8
Client Sample ID :	WP021RW244-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:54:50	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2684	2617	2642	2648	1.27	cps
Zirconium	91-1	467	567	625	553	14.49	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : J3668-02 Instrumnet Name : P8
 Client Sample ID : WP021MW347-180620 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 15:58:08 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	583	700	608	13.49	cps
Antimony	121-1	2134	2009	1917	2020	5.39	cps
Arsenic	75-2	154	150	170	158	6.87	cps
Barium	135-1	461772	462807	464041	462873	0.25	cps
Barium	137-1	806217	807626	801521	805121	0.40	cps
Beryllium	9-1	111	128	161	133	19.10	cps
Bismuth	209-1	8733936	8940686	8881249	8851957	1.20	cps
Bismuth	209-2	2752614	2859691	2876832	2829712	2.38	cps
Boron	10-1	53869	55692	57993	55851	3.70	cps
Boron	11-1	268724	278770	282387	276627	2.56	cps
Cadmium	111-1	3183	3092	3240	3172	2.37	cps
Cadmium	106-1	2525	2409	2725	2553	6.27	cps
Cadmium	108-1	92	129	150	124	23.91	cps
Calcium	43-1	5895335	5903136	5934208	5910893	0.35	cps
Calcium	44-1	95540910	95647244	96209225	95799126	0.37	cps
Chromium	52-2	95396	95188	96301	95628	0.62	cps
Cobalt	59-2	3607	3604	3697	3636	1.46	cps
Copper	63-2	3014	2990	3147	3050	2.77	cps
Dysprosium	156-1	350	250	233	278	22.72	cps
Dysprosium	156-2	70	73	83	76	9.19	cps
Erbium	164-1	308	333	308	317	4.56	cps
Erbium	164-2	83	67	53	68	22.18	cps
Gadolinium	160-1	358	417	417	397	8.48	cps
Gadolinium	160-2	87	107	97	97	10.34	cps
Holmium	165-1	14263527	14473379	14391889	14376265	0.74	cps
Holmium	165-2	3543148	3754379	3697475	3665001	2.98	cps
Indium	115-1	11603516	11855714	12022305	11827178	1.78	cps
Indium	115-2	578886	605518	605176	596527	2.56	cps
Iron	56-2	82544	82361	85575	83493	2.16	cps
Iron	57-2	2261	2067	2117	2148	4.70	cps
Krypton	83-1	333	327	340	333	2.00	cps
Lead	206-1	1684	1600	1528	1604	4.85	cps
Lead	207-1	1389	1478	1528	1465	4.80	cps
Lead	208-1	6028	6679	6601	6436	5.52	cps
Lithium	6-1	1732040	1782058	1811743	1775281	2.27	cps
Magnesium	24-2	1278702	1301309	1296971	1292327	0.93	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW347-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	54978	55373	55801	55384	0.74	cps
Molybdenum	94-1	3334	3317	3551	3401	3.83	cps
Molybdenum	95-1	3409	3376	3234	3339	2.78	cps
Molybdenum	96-1	3959	4084	4109	4051	1.98	cps
Molybdenum	97-1	2067	2367	2159	2198	7.00	cps
Molybdenum	98-1	5701	5852	5977	5843	2.36	cps
Neodymium	150-1	400	340	467	402	15.75	cps
Neodymium	150-2	63	53	83	67	22.92	cps
Nickel	60-2	3250	3204	3217	3224	0.75	cps
Phosphorus	31-2	42	58	83	61	34.32	cps
Potassium	39-2	70368	71767	71975	71370	1.22	cps
Rhodium	103-1	10822909	10942503	10971095	10912169	0.72	cps
Rhodium	103-2	3304992	3436194	3387885	3376357	1.97	cps
Scandium	45-1	7455576	7529853	7537689	7507706	0.60	cps
Scandium	45-2	65744	70258	68590	68197	3.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	11	5	108.30	cps
Selenium	82-1	573	522	445	513	12.52	cps
Silicon	28-1	40445548	40460810	40766232	40557530	0.45	cps
Silver	109-1	617	667	808	697	14.26	cps
Silver	107-1	900	925	725	850	12.82	cps
Sodium	23-2	4839646	4885589	4895338	4873524	0.61	cps
Strontium	86-1	3578304	3546664	3573531	3566166	0.48	cps
Strontium	88-1	30233624	30505637	30407216	30382159	0.45	cps
Sulfur	34-1	1126137	1143629	1131028	1133598	0.80	cps
Terbium	159-1	14587131	15051195	14781573	14806633	1.57	cps
Terbium	159-2	3438333	3594806	3540948	3524696	2.26	cps
Thallium	203-1	692	608	633	644	6.64	cps
Thallium	205-1	1092	1117	1450	1220	16.41	cps
Tin	118-1	850	825	900	858	4.45	cps
Titanium	47-1	1725	1742	2596	2021	24.65	cps
Uranium	238-1	86953	85175	88641	86923	1.99	cps
Vanadium	51-2	1493	1557	1537	1529	2.12	cps
Yttrium	89-1	12639849	12751144	12708629	12699874	0.44	cps
Yttrium	89-2	441867	461464	463093	455475	2.59	cps
Zinc	66-2	660	557	620	612	8.51	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW347-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 15:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3634	3692	3601	3642	1.27	cps
Zirconium	91-1	675	717	717	703	3.42	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:01:26	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350002	352073	346390	349488	0.82	cps
Antimony	121-1	3884110	3888337	3852815	3875087	0.50	cps
Arsenic	75-2	50464	51193	49992	50549	1.20	cps
Barium	135-1	4169212	4143934	4082467	4131871	1.08	cps
Barium	137-1	7273329	7217013	7155317	7215220	0.82	cps
Beryllium	9-1	513908	512107	514452	513489	0.24	cps
Bismuth	209-1	8495833	8949408	8949039	8798093	2.98	cps
Bismuth	209-2	2912407	2920087	2901462	2911319	0.32	cps
Boron	10-1	59131	60269	61432	60277	1.91	cps
Boron	11-1	286194	287189	292623	288669	1.20	cps
Cadmium	111-1	821070	827165	821969	823401	0.40	cps
Cadmium	106-1	89454	90469	88859	89594	0.91	cps
Cadmium	108-1	59322	58744	59401	59156	0.61	cps
Calcium	43-1	4789932	4789804	4841794	4807176	0.62	cps
Calcium	44-1	77971333	78520506	78280306	78257382	0.35	cps
Chromium	52-2	463360	466623	466964	465649	0.43	cps
Cobalt	59-2	939190	939726	940116	939677	0.05	cps
Copper	63-2	1576824	1579872	1584656	1580451	0.25	cps
Dysprosium	156-1	67	58	92	72	24.02	cps
Dysprosium	156-2	10	23	7	13	66.12	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	17	20	10	16	32.73	cps
Gadolinium	160-1	125	150	58	111	42.65	cps
Gadolinium	160-2	13	40	23	26	52.73	cps
Holmium	165-1	14353640	14686781	14671756	14570726	1.29	cps
Holmium	165-2	3841243	3849250	3768577	3819690	1.16	cps
Indium	115-1	11463068	12011021	11849272	11774454	2.39	cps
Indium	115-2	612870	610656	600668	608065	1.07	cps
Iron	56-2	73445979	73588460	73640329	73558256	0.14	cps
Iron	57-2	1879116	1866275	1883954	1876448	0.49	cps
Krypton	83-1	350	420	333	368	12.50	cps
Lead	206-1	2451425	2411099	2383839	2415455	1.41	cps
Lead	207-1	2240637	2191373	2228068	2220026	1.15	cps
Lead	208-1	9986614	9863723	9867280	9905872	0.71	cps
Lithium	6-1	1726376	1772170	1799083	1765876	2.08	cps
Magnesium	24-2	8085815	8049248	8119269	8084777	0.43	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:01:26	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	258401	263015	259571	260329	0.92	cps
Molybdenum	94-1	6882571	6873669	6797600	6851280	0.68	cps
Molybdenum	95-1	8491917	8507061	8399250	8466076	0.69	cps
Molybdenum	96-1	9387615	9458796	9392135	9412849	0.42	cps
Molybdenum	97-1	5320302	5356032	5295244	5323859	0.57	cps
Molybdenum	98-1	13668699	13694021	13488563	13617094	0.82	cps
Neodymium	150-1	187	167	153	169	9.94	cps
Neodymium	150-2	23	13	3	13	75.02	cps
Nickel	60-2	275256	273897	275707	274954	0.34	cps
Phosphorus	31-2	4801	4267	4668	4579	6.06	cps
Potassium	39-2	2310176	2311415	2296525	2306039	0.36	cps
Rhodium	103-1	10592959	11071590	10950120	10871556	2.29	cps
Rhodium	103-2	3437392	3461293	3418131	3438939	0.63	cps
Scandium	45-1	7377030	7709287	7733040	7606452	2.62	cps
Scandium	45-2	71293	71565	71447	71435	0.19	cps
Selenium	77-2	400	500	427	442	11.71	cps
Selenium	78-2	1161	1189	1159	1170	1.42	cps
Selenium	82-1	52104	52387	52494	52328	0.39	cps
Silicon	28-1	2263767	2338398	2347253	2316473	1.98	cps
Silver	109-1	3946039	3976126	3933221	3951795	0.56	cps
Silver	107-1	4179309	4134807	4119616	4144577	0.75	cps
Sodium	23-2	18386771	18492519	18406756	18428682	0.30	cps
Strontium	86-1	1048306	1058721	1047845	1051624	0.58	cps
Strontium	88-1	9080334	9013462	9113781	9069192	0.56	cps
Sulfur	34-1	662505	656054	663237	660599	0.60	cps
Terbium	159-1	14671923	15276784	15085431	15011379	2.06	cps
Terbium	159-2	3680296	3657902	3626136	3654778	0.74	cps
Thallium	203-1	3015050	3014511	2995751	3008437	0.37	cps
Thallium	205-1	7153883	7044389	6984061	7060778	1.22	cps
Tin	118-1	2604920	2618510	2601786	2608405	0.34	cps
Titanium	47-1	2434264	2426957	2422985	2428069	0.24	cps
Uranium	238-1	9339546	9228574	9214982	9261034	0.74	cps
Vanadium	51-2	338021	337566	337671	337753	0.07	cps
Yttrium	89-1	12478779	13039451	13039074	12852435	2.52	cps
Yttrium	89-2	476003	474851	470912	473922	0.56	cps
Zinc	66-2	138257	140119	137884	138753	0.86	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:01:26	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5856478	5764736	5767571	5796262	0.90	cps
Zirconium	91-1	1287694	1282424	1284217	1284778	0.21	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 16:04:34 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	17	17	28	69.27	cps
Antimony	121-1	13074	11180	10221	11492	12.63	cps
Arsenic	75-2	9	15	19	14	32.83	cps
Barium	135-1	550	458	400	469	16.11	cps
Barium	137-1	1025	833	683	847	20.21	cps
Beryllium	9-1	317	250	239	269	15.67	cps
Bismuth	209-1	9419678	9157823	9368594	9315365	1.49	cps
Bismuth	209-2	2920769	3014586	3047493	2994283	2.20	cps
Boron	10-1	4918	4443	3726	4362	13.76	cps
Boron	11-1	20874	21409	18813	20365	6.73	cps
Cadmium	111-1	1977	1808	1869	1884	4.53	cps
Cadmium	106-1	2617	2342	2500	2486	5.55	cps
Cadmium	108-1	38	21	33	31	28.39	cps
Calcium	43-1	1225	1250	925	1133	15.96	cps
Calcium	44-1	34218	34452	32071	33580	3.91	cps
Chromium	52-2	580	623	637	613	4.83	cps
Cobalt	59-2	160	83	97	113	36.14	cps
Copper	63-2	523	480	463	489	6.33	cps
Dysprosium	156-1	17	33	17	22	43.30	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	75	50	75	67	21.65	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	14661488	14414439	14694687	14590204	1.05	cps
Holmium	165-2	3651241	3827159	3803912	3760771	2.54	cps
Indium	115-1	12283644	12142555	12303665	12243288	0.72	cps
Indium	115-2	598756	626913	616382	614017	2.32	cps
Iron	56-2	6624	5429	4673	5575	17.64	cps
Iron	57-2	161	178	67	135	44.33	cps
Krypton	83-1	403	363	363	377	6.13	cps
Lead	206-1	922	850	839	870	5.20	cps
Lead	207-1	889	867	828	861	3.59	cps
Lead	208-1	3984	3600	3589	3724	6.03	cps
Lithium	6-1	1835206	1813260	1839482	1829316	0.77	cps
Magnesium	24-2	617	633	525	592	9.86	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:04:34	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	63	70	60	20.03	cps
Molybdenum	94-1	4426	3901	3509	3945	11.66	cps
Molybdenum	95-1	5426	4351	3851	4543	17.72	cps
Molybdenum	96-1	5668	4976	4051	4898	16.57	cps
Molybdenum	97-1	3101	2850	2525	2825	10.21	cps
Molybdenum	98-1	8061	6760	6469	7097	11.95	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	77	70	63	70	9.53	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3809	3442	3742	3665	5.33	cps
Rhodium	103-1	11477907	11583985	11636492	11566128	0.70	cps
Rhodium	103-2	3450718	3623562	3586183	3553488	2.56	cps
Scandium	45-1	7683674	7757909	7715483	7719022	0.48	cps
Scandium	45-2	67301	70251	69679	69077	2.26	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	-28	0	-14	-14	-97.89	cps
Silicon	28-1	316727	315772	315023	315841	0.27	cps
Silver	109-1	1175	1400	1500	1358	12.26	cps
Silver	107-1	1475	1458	1325	1420	5.79	cps
Sodium	23-2	19364	18496	17695	18518	4.51	cps
Strontium	86-1	808	783	658	750	10.72	cps
Strontium	88-1	1817	1492	1383	1564	14.42	cps
Sulfur	34-1	377951	377414	375463	376943	0.35	cps
Terbium	159-1	15163281	14912669	15022584	15032845	0.84	cps
Terbium	159-2	3497683	3647355	3605566	3583534	2.16	cps
Thallium	203-1	1425	1325	1300	1350	4.90	cps
Thallium	205-1	3392	3184	2967	3181	6.68	cps
Tin	118-1	3626	3109	2950	3228	10.94	cps
Titanium	47-1	617	517	475	536	13.58	cps
Uranium	238-1	1917	1617	1550	1695	11.53	cps
Vanadium	51-2	27	43	27	32	29.85	cps
Yttrium	89-1	12822898	12803594	13004276	12876923	0.86	cps
Yttrium	89-2	451412	470055	466733	462734	2.15	cps
Zinc	66-2	97	133	120	117	15.91	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:04:34	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3517	3542	3284	3448	4.13	cps
Zirconium	91-1	808	750	708	756	6.65	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-03	Instrumnet Name :	P8
Client Sample ID :	WP021RW245-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:07:53	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	100	75	89	14.33	cps
Antimony	121-1	4493	4301	3851	4215	7.82	cps
Arsenic	75-2	85	100	106	97	10.86	cps
Barium	135-1	190983	194836	197519	194446	1.69	cps
Barium	137-1	335962	339459	337775	337732	0.52	cps
Beryllium	9-1	156	150	189	165	12.76	cps
Bismuth	209-1	8766778	8238499	8584422	8529900	3.15	cps
Bismuth	209-2	2814989	2845887	2827178	2829352	0.55	cps
Boron	10-1	39196	40382	42556	40711	4.19	cps
Boron	11-1	195118	201776	205032	200642	2.52	cps
Cadmium	111-1	1884	1475	1846	1735	13.01	cps
Cadmium	106-1	2442	1884	2484	2270	14.76	cps
Cadmium	108-1	25	8	38	24	61.98	cps
Calcium	43-1	3912518	3878663	3895689	3895623	0.43	cps
Calcium	44-1	62604722	63661426	62664818	62976989	0.94	cps
Chromium	52-2	2434	2610	2507	2517	3.53	cps
Cobalt	59-2	1827	1687	1647	1720	5.50	cps
Copper	63-2	1807	1693	1820	1773	3.93	cps
Dysprosium	156-1	67	42	17	42	60.00	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	125	33	42	67	76.04	cps
Erbium	164-2	10	13	30	18	60.28	cps
Gadolinium	160-1	100	117	100	106	9.11	cps
Gadolinium	160-2	17	7	27	17	59.99	cps
Holmium	165-1	13939119	13122204	13914822	13658715	3.40	cps
Holmium	165-2	3587533	3618389	3665394	3623772	1.08	cps
Indium	115-1	11587612	10929252	11502491	11339785	3.16	cps
Indium	115-2	585044	585937	594671	588551	0.90	cps
Iron	56-2	118886	119860	119687	119478	0.44	cps
Iron	57-2	3145	2784	3301	3076	8.62	cps
Krypton	83-1	343	347	347	346	0.56	cps
Lead	206-1	1172	895	956	1007	14.49	cps
Lead	207-1	911	939	800	883	8.32	cps
Lead	208-1	4278	3639	3673	3863	9.31	cps
Lithium	6-1	1739721	1675180	1733013	1715971	2.07	cps
Magnesium	24-2	513629	513642	510244	512505	0.38	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-03	Instrumnet Name :	P8
Client Sample ID :	WP021RW245-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:07:53	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127909	128615	128433	128319	0.29	cps
Molybdenum	94-1	5093	4909	3909	4637	13.74	cps
Molybdenum	95-1	2367	2459	2367	2398	2.21	cps
Molybdenum	96-1	3651	3551	3059	3420	9.26	cps
Molybdenum	97-1	1433	1617	1583	1545	6.32	cps
Molybdenum	98-1	3717	3717	3751	3728	0.52	cps
Neodymium	150-1	27	47	67	47	42.85	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	11035	10537	10788	10787	2.30	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	115336	114849	116327	115504	0.65	cps
Rhodium	103-1	10653030	10219732	10786278	10553013	2.81	cps
Rhodium	103-2	3349675	3373339	3413135	3378716	0.95	cps
Scandium	45-1	7356878	6998543	7279287	7211569	2.61	cps
Scandium	45-2	67950	66825	68496	67757	1.26	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	4	7	4	100.05	cps
Selenium	82-1	107	122	99	110	10.86	cps
Silicon	28-1	35325285	35540844	35371342	35412490	0.32	cps
Silver	109-1	325	308	292	308	5.41	cps
Silver	107-1	467	433	408	436	6.71	cps
Sodium	23-2	6048675	6011552	5921855	5994028	1.09	cps
Strontium	86-1	1982790	2026247	1989767	1999601	1.17	cps
Strontium	88-1	16744465	17149445	16936633	16943515	1.20	cps
Sulfur	34-1	1365982	1371463	1349785	1362410	0.83	cps
Terbium	159-1	14462246	13688277	14276584	14142369	2.86	cps
Terbium	159-2	3484283	3436197	3541821	3487433	1.52	cps
Thallium	203-1	892	792	700	795	12.07	cps
Thallium	205-1	1984	1517	1759	1753	13.32	cps
Tin	118-1	1609	1559	1634	1600	2.39	cps
Titanium	47-1	492	517	617	542	12.21	cps
Uranium	238-1	9462	9571	9521	9518	0.57	cps
Vanadium	51-2	63	40	67	57	25.64	cps
Yttrium	89-1	12311911	11610596	12296725	12073078	3.32	cps
Yttrium	89-2	446756	449657	452909	449774	0.68	cps
Zinc	66-2	390	377	420	396	5.61	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-03	Instrumnet Name :	P8
Client Sample ID :	WP021RW245-180620	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:07:53	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10421	9596	7978	9331	13.32	cps
Zirconium	91-1	2142	2392	1692	2075	17.10	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW037-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:11:12	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467	567	533	522	9.75	cps
Antimony	121-1	20508	20817	19615	20313	3.07	cps
Arsenic	75-2	4777	4692	4553	4674	2.42	cps
Barium	135-1	285718	295476	297430	292875	2.14	cps
Barium	137-1	500026	508841	514379	507749	1.43	cps
Beryllium	9-1	144	100	128	124	18.10	cps
Bismuth	209-1	7993363	7878607	7906297	7926089	0.76	cps
Bismuth	209-2	2526252	2391295	2519367	2478971	3.07	cps
Boron	10-1	39681	41293	41210	40728	2.23	cps
Boron	11-1	193930	198786	201705	198140	1.98	cps
Cadmium	111-1	1908	1956	2008	1957	2.56	cps
Cadmium	106-1	2009	1950	2175	2045	5.71	cps
Cadmium	108-1	75	79	75	76	3.15	cps
Calcium	43-1	3009912	2985163	2977012	2990695	0.57	cps
Calcium	44-1	48436964	48046539	48482075	48321859	0.50	cps
Chromium	52-2	3551	3534	3541	3542	0.24	cps
Cobalt	59-2	3551	3350	3561	3487	3.40	cps
Copper	63-2	5525	5131	4878	5178	6.30	cps
Dysprosium	156-1	4042	3667	3992	3901	5.22	cps
Dysprosium	156-2	1047	910	940	966	7.44	cps
Erbium	164-1	3209	3326	3201	3245	2.15	cps
Erbium	164-2	833	863	787	828	4.67	cps
Gadolinium	160-1	3817	3926	3726	3823	2.62	cps
Gadolinium	160-2	1157	1257	1147	1187	5.13	cps
Holmium	165-1	12855986	12443974	12774260	12691407	1.72	cps
Holmium	165-2	3201496	2988470	3183760	3124575	3.78	cps
Indium	115-1	10423519	10525214	10556361	10501698	0.66	cps
Indium	115-2	510175	477430	504461	497355	3.52	cps
Iron	56-2	3081484	3014393	2990212	3028696	1.56	cps
Iron	57-2	74146	75555	72181	73961	2.29	cps
Krypton	83-1	497	550	507	518	5.48	cps
Lead	206-1	10705	10121	9865	10230	4.21	cps
Lead	207-1	9287	8720	8609	8872	4.10	cps
Lead	208-1	43275	40232	39559	41022	4.83	cps
Lithium	6-1	1511557	1524556	1569448	1535187	1.98	cps
Magnesium	24-2	598266	599949	591672	596629	0.73	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW037-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:11:12	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	232273	227197	228057	229175	1.19	cps
Molybdenum	94-1	10430	10029	10179	10213	1.98	cps
Molybdenum	95-1	11856	12465	11981	12100	2.66	cps
Molybdenum	96-1	13541	13816	13924	13760	1.44	cps
Molybdenum	97-1	7969	7853	8553	8125	4.62	cps
Molybdenum	98-1	18964	19974	19723	19554	2.69	cps
Neodymium	150-1	6102	6168	6115	6128	0.58	cps
Neodymium	150-2	737	967	880	861	13.49	cps
Nickel	60-2	5938	5491	5611	5680	4.07	cps
Phosphorus	31-2	175	100	133	136	27.61	cps
Potassium	39-2	90649	91656	90717	91007	0.62	cps
Rhodium	103-1	9636340	9728238	9675773	9680117	0.48	cps
Rhodium	103-2	2997514	2850082	3026994	2958197	3.20	cps
Scandium	45-1	6733463	6682846	6636244	6684184	0.73	cps
Scandium	45-2	59191	55216	57511	57306	3.48	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	23	-45	12	-3	-1081.02	cps
Silicon	28-1	46472390	46090252	46211461	46258034	0.42	cps
Silver	109-1	18580	16578	14600	16586	12.00	cps
Silver	107-1	19640	18180	16186	18002	9.63	cps
Sodium	23-2	6490966	6369271	6337184	6399140	1.27	cps
Strontium	86-1	1746706	1734272	1760137	1747038	0.74	cps
Strontium	88-1	14642375	14682929	14746712	14690672	0.36	cps
Sulfur	34-1	613600	604457	601177	606411	1.06	cps
Terbium	159-1	13052347	12933010	13157878	13047745	0.86	cps
Terbium	159-2	3094461	2905750	3092861	3031024	3.58	cps
Thallium	203-1	9070	6269	4668	6669	33.41	cps
Thallium	205-1	22028	15126	10939	16031	34.93	cps
Tin	118-1	12698	12306	11747	12251	3.90	cps
Titanium	47-1	1700	1634	1625	1653	2.49	cps
Uranium	238-1	20384	21937	22522	21614	5.11	cps
Vanadium	51-2	633	663	690	662	4.28	cps
Yttrium	89-1	11327689	11389757	11339504	11352317	0.29	cps
Yttrium	89-2	390608	368505	389305	382806	3.24	cps
Zinc	66-2	2810	2690	2690	2730	2.54	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW037-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:11:12	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9062	8386	7619	8356	8.64	cps
Zirconium	91-1	1892	2009	1767	1889	6.40	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-05	Instrumnet Name :	P8
Client Sample ID :	WP021MW351-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:14:29	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4676	4659	4534	4623	1.68	cps
Antimony	121-1	15560	15510	15727	15599	0.73	cps
Arsenic	75-2	215	220	244	227	6.95	cps
Barium	135-1	143048	144446	144650	144048	0.61	cps
Barium	137-1	249098	250690	256502	252097	1.55	cps
Beryllium	9-1	261	161	211	211	23.68	cps
Bismuth	209-1	8715862	9162571	9025087	8967840	2.55	cps
Bismuth	209-2	2649424	2597866	2624460	2623917	0.98	cps
Boron	10-1	21976	23195	23746	22972	3.94	cps
Boron	11-1	107342	112505	113043	110963	2.84	cps
Cadmium	111-1	1567	1723	1863	1718	8.62	cps
Cadmium	106-1	2042	2259	2375	2225	7.60	cps
Cadmium	108-1	29	29	29	29	0.00	cps
Calcium	43-1	2422215	2399924	2466678	2429606	1.40	cps
Calcium	44-1	39148885	38921356	39164299	39078180	0.35	cps
Chromium	52-2	7105	6755	6578	6813	3.94	cps
Cobalt	59-2	3127	2904	3130	3054	4.26	cps
Copper	63-2	6865	7145	7192	7067	2.50	cps
Dysprosium	156-1	3101	2967	3226	3098	4.17	cps
Dysprosium	156-2	783	810	810	801	1.92	cps
Erbium	164-1	2525	2800	3017	2781	8.86	cps
Erbium	164-2	637	590	550	592	7.33	cps
Gadolinium	160-1	3234	3126	3209	3189	1.78	cps
Gadolinium	160-2	953	927	953	945	1.63	cps
Holmium	165-1	13734720	14204978	14126198	14021965	1.80	cps
Holmium	165-2	3315293	3228042	3269536	3270957	1.33	cps
Indium	115-1	11120889	11446078	11308104	11291690	1.45	cps
Indium	115-2	494853	486643	482519	488005	1.29	cps
Iron	56-2	1324711	1306944	1286220	1305958	1.48	cps
Iron	57-2	33920	32305	33536	33253	2.54	cps
Krypton	83-1	517	543	430	497	11.93	cps
Lead	206-1	7808	7958	8014	7927	1.34	cps
Lead	207-1	6324	6513	6830	6556	3.90	cps
Lead	208-1	29459	30287	31850	30532	3.98	cps
Lithium	6-1	1796305	1866619	1857428	1840117	2.08	cps
Magnesium	24-2	289213	286247	279265	284908	1.79	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-05	Instrumnet Name :	P8
Client Sample ID :	WP021MW351-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:14:29	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16240	15896	15579	15905	2.08	cps
Molybdenum	94-1	7085	7244	7219	7183	1.19	cps
Molybdenum	95-1	2825	2559	2850	2745	5.89	cps
Molybdenum	96-1	4244	3909	4084	4079	4.11	cps
Molybdenum	97-1	2150	2284	1892	2109	9.45	cps
Molybdenum	98-1	4318	4526	4609	4484	3.35	cps
Neodymium	150-1	5095	4901	5108	5034	2.30	cps
Neodymium	150-2	673	780	697	717	7.82	cps
Nickel	60-2	31195	30861	30611	30889	0.95	cps
Phosphorus	31-2	117	67	58	81	39.16	cps
Potassium	39-2	49396	48743	46662	48267	2.96	cps
Rhodium	103-1	10307025	10435649	10381203	10374626	0.62	cps
Rhodium	103-2	3079026	3014466	3052988	3048827	1.07	cps
Scandium	45-1	6543801	6722415	6634038	6633418	1.35	cps
Scandium	45-2	55158	54271	52514	53981	2.49	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	11	7	15	11	33.30	cps
Selenium	82-1	144	96	197	146	34.67	cps
Silicon	28-1	33443308	33208944	33033499	33228584	0.62	cps
Silver	109-1	6277	5993	5585	5952	5.85	cps
Silver	107-1	6769	6535	6085	6463	5.38	cps
Sodium	23-2	2620871	2579896	2548558	2583108	1.40	cps
Strontium	86-1	1020632	1034751	1034814	1030065	0.79	cps
Strontium	88-1	8874800	8832460	8974372	8893878	0.82	cps
Sulfur	34-1	682049	675755	679266	679023	0.46	cps
Terbium	159-1	14276673	14623913	14636779	14512455	1.41	cps
Terbium	159-2	3158296	3103409	3108163	3123289	0.97	cps
Thallium	203-1	1200	1217	1075	1164	6.65	cps
Thallium	205-1	2600	2509	2225	2445	8.00	cps
Tin	118-1	9729	10596	10196	10174	4.27	cps
Titanium	47-1	12231	14221	11964	12806	9.63	cps
Uranium	238-1	26905	27457	28768	27710	3.45	cps
Vanadium	51-2	5274	5068	4848	5063	4.22	cps
Yttrium	89-1	11682847	11930628	11713746	11775740	1.15	cps
Yttrium	89-2	376213	368102	363433	369249	1.75	cps
Zinc	66-2	1010	853	870	911	9.44	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3668-05	Instrumnet Name :	P8
Client Sample ID :	WP021MW351-180621	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:14:29	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15042	15235	14976	15084	0.89	cps
Zirconium	91-1	3392	3451	3517	3453	1.81	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09	Instrumnet Name :	P8
Client Sample ID :	S83-0020	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:17:48	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	67	25	44	47.19	cps
Antimony	121-1	11139	11489	11606	11411	2.13	cps
Arsenic	75-2	5281	5160	5044	5162	2.30	cps
Barium	135-1	11272	10671	10880	10941	2.79	cps
Barium	137-1	20091	18956	18823	19290	3.61	cps
Beryllium	9-1	83	89	133	102	26.91	cps
Bismuth	209-1	9478627	9559054	9992448	9676709	2.86	cps
Bismuth	209-2	2564841	2621373	2634463	2606892	1.42	cps
Boron	10-1	3776	3609	3484	3623	4.04	cps
Boron	11-1	18095	16677	16143	16972	5.95	cps
Cadmium	111-1	1624	1694	1816	1711	5.68	cps
Cadmium	106-1	2234	2284	2459	2325	5.08	cps
Cadmium	108-1	33	13	38	28	48.22	cps
Calcium	43-1	214869	209829	208798	211165	1.54	cps
Calcium	44-1	3488066	3507296	3394277	3463213	1.75	cps
Chromium	52-2	1027	940	1013	993	4.70	cps
Cobalt	59-2	117	143	87	116	24.53	cps
Copper	63-2	3597	3994	3751	3781	5.29	cps
Dysprosium	156-1	117	75	75	89	27.07	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	142	92	142	125	23.09	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	92	117	117	108	13.32	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	14672562	14906185	15421176	14999974	2.55	cps
Holmium	165-2	3159832	3206735	3203707	3190091	0.82	cps
Indium	115-1	11469030	11636723	12116165	11740639	2.86	cps
Indium	115-2	465865	471473	476608	471315	1.14	cps
Iron	56-2	3695124	3649073	3659109	3667769	0.66	cps
Iron	57-2	91722	91414	91672	91603	0.18	cps
Krypton	83-1	447	390	437	424	7.13	cps
Lead	206-1	1167	917	1178	1087	13.58	cps
Lead	207-1	978	945	806	909	10.05	cps
Lead	208-1	4534	4000	4289	4274	6.25	cps
Lithium	6-1	1871835	1900546	1919312	1897231	1.26	cps
Magnesium	24-2	27327	28170	26567	27355	2.93	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09	Instrumnet Name :	P8
Client Sample ID :	S83-0020	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:17:48	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117351	117297	115347	116665	0.98	cps
Molybdenum	94-1	2434	2075	2542	2350	10.39	cps
Molybdenum	95-1	2642	2392	2567	2534	5.06	cps
Molybdenum	96-1	2825	3226	3101	3050	6.71	cps
Molybdenum	97-1	1600	1867	1584	1684	9.45	cps
Molybdenum	98-1	3734	4301	4001	4012	7.07	cps
Neodymium	150-1	67	73	100	80	22.04	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	153	193	173	173	11.54	cps
Phosphorus	31-2	75	75	67	72	6.66	cps
Potassium	39-2	85124	87220	84571	85638	1.63	cps
Rhodium	103-1	10752955	10769200	11198453	10906870	2.32	cps
Rhodium	103-2	3041043	3027577	3082533	3050384	0.94	cps
Scandium	45-1	6426041	6496743	6691443	6538076	2.10	cps
Scandium	45-2	49929	49798	50270	49999	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	-65	-17	-47	-43	-56.36	cps
Silicon	28-1	8283100	8240847	7975643	8166530	2.04	cps
Silver	109-1	3751	3351	3234	3445	7.87	cps
Silver	107-1	3692	3617	3326	3545	5.47	cps
Sodium	23-2	371692	367576	363231	367500	1.15	cps
Strontium	86-1	265112	263455	260302	262957	0.93	cps
Strontium	88-1	2334296	2293258	2288573	2305376	1.09	cps
Sulfur	34-1	293887	288795	284467	289050	1.63	cps
Terbium	159-1	14944745	15172936	15858082	15325254	3.10	cps
Terbium	159-2	3030424	3052661	3096675	3059920	1.10	cps
Thallium	203-1	583	567	442	531	14.60	cps
Thallium	205-1	1167	1083	1192	1147	4.94	cps
Tin	118-1	8353	8386	8586	8442	1.50	cps
Titanium	47-1	583	600	650	611	5.68	cps
Uranium	238-1	183	242	142	189	26.59	cps
Vanadium	51-2	130	110	133	124	10.14	cps
Yttrium	89-1	11844246	11923339	12471191	12079592	2.83	cps
Yttrium	89-2	348486	349692	355009	351062	0.99	cps
Zinc	66-2	897	827	873	866	4.12	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09	Instrumnet Name :	P8
Client Sample ID :	S83-0020	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:17:48	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2709	2550	2450	2570	5.07	cps
Zirconium	91-1	650	692	650	664	3.62	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09DUP	Instrumnet Name :	P8
Client Sample ID :	S83-0020DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:21:06	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	50	33	66.15	cps
Antimony	121-1	10555	10696	10963	10738	1.93	cps
Arsenic	75-2	5118	5371	5057	5182	3.22	cps
Barium	135-1	11489	11456	11764	11569	1.46	cps
Barium	137-1	19540	19290	19482	19437	0.67	cps
Beryllium	9-1	72	78	78	76	4.23	cps
Bismuth	209-1	9462682	9448379	9645989	9519017	1.16	cps
Bismuth	209-2	2633921	2509278	2565487	2569562	2.43	cps
Boron	10-1	2517	2542	2575	2545	1.15	cps
Boron	11-1	12831	12022	12347	12400	3.28	cps
Cadmium	111-1	1482	1499	1552	1511	2.42	cps
Cadmium	106-1	1967	2050	2125	2047	3.87	cps
Cadmium	108-1	17	17	33	22	43.28	cps
Calcium	43-1	211036	215190	212594	212940	0.99	cps
Calcium	44-1	3435976	3506267	3482425	3474889	1.03	cps
Chromium	52-2	1003	1067	1030	1033	3.08	cps
Cobalt	59-2	137	157	130	141	9.84	cps
Copper	63-2	3911	3737	3724	3791	2.75	cps
Dysprosium	156-1	42	58	75	58	28.57	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	67	75	92	78	16.37	cps
Erbium	164-2	0	23	20	14	87.37	cps
Gadolinium	160-1	167	108	75	117	39.77	cps
Gadolinium	160-2	20	3	20	14	66.64	cps
Holmium	165-1	14656785	14633283	14812086	14700718	0.66	cps
Holmium	165-2	3206667	3028447	3109358	3114824	2.86	cps
Indium	115-1	11431345	11396019	11652334	11493233	1.21	cps
Indium	115-2	463546	447083	459334	456654	1.87	cps
Iron	56-2	3688940	3679655	3653024	3673873	0.51	cps
Iron	57-2	92846	92852	93227	92975	0.23	cps
Krypton	83-1	457	400	413	423	7.00	cps
Lead	206-1	1011	1067	1039	1039	2.67	cps
Lead	207-1	933	906	833	891	5.80	cps
Lead	208-1	4056	4078	3873	4002	2.82	cps
Lithium	6-1	1745078	1768413	1784407	1765966	1.12	cps
Magnesium	24-2	27052	27586	28020	27553	1.76	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09DUP	Instrumnet Name :	P8
Client Sample ID :	S83-0020DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:21:06	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	116854	115832	116780	116488	0.49	cps
Molybdenum	94-1	2684	2142	2234	2353	12.32	cps
Molybdenum	95-1	2359	2117	2592	2356	10.08	cps
Molybdenum	96-1	3009	3109	3000	3039	1.98	cps
Molybdenum	97-1	1709	1892	1684	1761	6.46	cps
Molybdenum	98-1	4267	4301	4009	4192	3.81	cps
Neodymium	150-1	73	73	113	87	26.64	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	130	187	200	172	21.58	cps
Phosphorus	31-2	58	100	100	86	27.94	cps
Potassium	39-2	85132	84528	85493	85051	0.57	cps
Rhodium	103-1	10524249	10528031	10491695	10514658	0.19	cps
Rhodium	103-2	2978274	2886058	2965390	2943241	1.70	cps
Scandium	45-1	6279769	6258096	6258366	6265410	0.20	cps
Scandium	45-2	49437	47624	48116	48392	1.94	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-70	-48	-79	-66	-24.05	cps
Silicon	28-1	8154300	8171313	8122426	8149346	0.30	cps
Silver	109-1	2317	2625	2575	2506	6.61	cps
Silver	107-1	2625	2425	2434	2495	4.54	cps
Sodium	23-2	367070	369598	367614	368094	0.36	cps
Strontium	86-1	265732	266152	266911	266265	0.22	cps
Strontium	88-1	2323918	2347016	2323191	2331375	0.58	cps
Sulfur	34-1	282979	278290	276972	279414	1.13	cps
Terbium	159-1	14988360	15072554	15241474	15100796	0.85	cps
Terbium	159-2	3011845	2924935	3008300	2981693	1.65	cps
Thallium	203-1	358	375	367	367	2.27	cps
Thallium	205-1	975	867	917	920	5.90	cps
Tin	118-1	7711	8036	8478	8075	4.77	cps
Titanium	47-1	592	475	592	553	12.18	cps
Uranium	238-1	400	358	342	367	8.19	cps
Vanadium	51-2	77	90	93	87	10.18	cps
Yttrium	89-1	11586689	11677049	11680371	11648036	0.46	cps
Yttrium	89-2	348013	329442	341717	339724	2.78	cps
Zinc	66-2	1000	853	810	888	11.22	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09DUP	Instrumnet Name :	P8
Client Sample ID :	S83-0020DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:21:06	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2234	2200	2075	2170	3.85	cps
Zirconium	91-1	500	583	533	539	7.78	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09LX5	Instrumnet Name :	P8
Client Sample ID :	S83-0020L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-27 16:24:24	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	2942	2934	2584	2820	7.25	cps
Arsenic	75-2	1096	1148	1109	1118	2.41	cps
Barium	135-1	2325	2634	2400	2453	6.56	cps
Barium	137-1	4101	4134	4226	4154	1.56	cps
Beryllium	9-1	111	72	89	91	21.50	cps
Bismuth	209-1	9594585	10057406	10041603	9897865	2.65	cps
Bismuth	209-2	2904142	2928795	2862897	2898611	1.15	cps
Boron	10-1	1542	1925	1658	1709	11.50	cps
Boron	11-1	8628	8186	8344	8386	2.67	cps
Cadmium	111-1	1564	1579	1521	1555	1.93	cps
Cadmium	106-1	2209	2184	2159	2184	1.15	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	44522	44104	43569	44065	1.08	cps
Calcium	44-1	746084	750293	735793	744057	1.00	cps
Chromium	52-2	653	727	777	719	8.63	cps
Cobalt	59-2	67	70	50	62	17.22	cps
Copper	63-2	1560	1597	1480	1546	3.86	cps
Dysprosium	156-1	33	8	33	25	57.74	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	33	75	67	58	37.80	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	83	83	108	92	15.74	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	14980577	15621433	15926984	15509665	3.11	cps
Holmium	165-2	3507268	3539497	3494737	3513834	0.66	cps
Indium	115-1	11777146	12139833	12552416	12156465	3.19	cps
Indium	115-2	534380	529749	523361	529163	1.05	cps
Iron	56-2	757962	774787	766438	766396	1.10	cps
Iron	57-2	19308	19759	18824	19297	2.42	cps
Krypton	83-1	313	447	380	380	17.54	cps
Lead	206-1	478	378	411	422	12.06	cps
Lead	207-1	333	356	450	380	16.32	cps
Lead	208-1	1928	1650	1850	1809	7.92	cps
Lithium	6-1	1518265	1552001	1565269	1545178	1.57	cps
Magnesium	24-2	6068	5926	6027	6007	1.21	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09LX5	Instrumnet Name :	P8
Client Sample ID :	S83-0020L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-27 16:24:24	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24939	24922	25520	25127	1.35	cps
Molybdenum	94-1	675	800	942	806	16.56	cps
Molybdenum	95-1	833	583	708	708	17.65	cps
Molybdenum	96-1	883	892	875	883	0.94	cps
Molybdenum	97-1	658	533	508	567	14.18	cps
Molybdenum	98-1	875	1058	1083	1006	11.31	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	83	97	83	16.00	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	20783	20365	20148	20432	1.58	cps
Rhodium	103-1	10955883	11414349	11671616	11347283	3.20	cps
Rhodium	103-2	3412131	3384130	3300675	3365645	1.72	cps
Scandium	45-1	6593903	6885678	6958510	6812697	2.83	cps
Scandium	45-2	57808	56460	55733	56667	1.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	0	2	3	124.95	cps
Selenium	82-1	15	-106	-45	-45	-133.14	cps
Silicon	28-1	1983079	1946648	1944626	1958118	1.11	cps
Silver	109-1	1125	1067	1192	1128	5.55	cps
Silver	107-1	1058	1233	1067	1120	8.82	cps
Sodium	23-2	87058	88071	87385	87505	0.59	cps
Strontium	86-1	55421	55313	52510	54415	3.03	cps
Strontium	88-1	465773	471954	474842	470857	0.98	cps
Sulfur	34-1	297645	295223	297592	296820	0.47	cps
Terbium	159-1	15408412	15930307	16124616	15821111	2.34	cps
Terbium	159-2	3417707	3382787	3349186	3383227	1.01	cps
Thallium	203-1	342	225	150	239	40.43	cps
Thallium	205-1	425	533	500	486	11.41	cps
Tin	118-1	1600	1475	1609	1561	4.78	cps
Titanium	47-1	258	283	275	272	4.68	cps
Uranium	238-1	242	175	292	236	24.79	cps
Vanadium	51-2	33	30	23	29	17.63	cps
Yttrium	89-1	11966759	12489540	12726183	12394160	3.14	cps
Yttrium	89-2	402070	395331	390077	395826	1.52	cps
Zinc	66-2	300	257	307	288	9.44	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09LX5	Instrumnet Name :	P8
Client Sample ID :	S83-0020L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-27 16:24:24	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1083	1175	1258	1172	7.47	cps
Zirconium	91-1	267	250	225	247	8.48	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-10	Instrumnet Name :	P8
Client Sample ID :	S83-0020MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:27:44	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43150	44237	43058	43482	1.51	cps
Antimony	121-1	3503255	3545582	3555622	3534820	0.79	cps
Arsenic	75-2	40758	41211	41033	41001	0.56	cps
Barium	135-1	3668183	3722710	3736258	3709050	0.97	cps
Barium	137-1	6381615	6457677	6408495	6415929	0.60	cps
Beryllium	9-1	338287	337161	339212	338220	0.30	cps
Bismuth	209-1	9226089	9329660	9057715	9204488	1.49	cps
Bismuth	209-2	2492065	2530869	2509051	2510662	0.77	cps
Boron	10-1	38737	39380	40575	39564	2.36	cps
Boron	11-1	180744	183865	187182	183930	1.75	cps
Cadmium	111-1	732602	743477	747643	741241	1.05	cps
Cadmium	106-1	76559	79041	78454	78018	1.66	cps
Cadmium	108-1	52193	53192	52657	52681	0.95	cps
Calcium	43-1	1024035	1040290	1039933	1034753	0.90	cps
Calcium	44-1	16935396	16968462	16967185	16957014	0.11	cps
Chromium	52-2	328380	332638	329287	330102	0.68	cps
Cobalt	59-2	715027	717639	716516	716394	0.18	cps
Copper	63-2	1254340	1261102	1258645	1258029	0.27	cps
Dysprosium	156-1	83	117	100	100	16.66	cps
Dysprosium	156-2	10	17	0	9	94.38	cps
Erbium	164-1	100	58	117	92	32.77	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	117	100	117	111	8.66	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	14618726	14465766	14443540	14509344	0.66	cps
Holmium	165-2	3127638	3117500	3129804	3124981	0.21	cps
Indium	115-1	11071966	10987113	11003580	11020887	0.41	cps
Indium	115-2	444021	448089	446768	446293	0.47	cps
Iron	56-2	14628711	14651845	14541133	14607230	0.40	cps
Iron	57-2	369106	366939	368805	368283	0.32	cps
Krypton	83-1	403	430	433	422	3.89	cps
Lead	206-1	2375855	2408748	2409172	2397925	0.80	cps
Lead	207-1	2138234	2179084	2124025	2147114	1.33	cps
Lead	208-1	9628974	9807893	9683585	9706817	0.94	cps
Lithium	6-1	1565589	1586799	1610717	1587701	1.42	cps
Magnesium	24-2	1224963	1230008	1211372	1222114	0.79	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-10	Instrumnet Name :	P8
Client Sample ID :	S83-0020MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:27:44	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	293471	293870	292542	293294	0.23	cps
Molybdenum	94-1	5927714	5927359	6018235	5957769	0.88	cps
Molybdenum	95-1	7208236	7225113	7388438	7273929	1.37	cps
Molybdenum	96-1	8077576	8174842	8122672	8125030	0.60	cps
Molybdenum	97-1	4627149	4603175	4661662	4630662	0.63	cps
Molybdenum	98-1	11601397	11754010	11794049	11716485	0.87	cps
Neodymium	150-1	200	200	193	198	1.95	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	212931	213436	213909	213426	0.23	cps
Phosphorus	31-2	67	75	75	72	6.66	cps
Potassium	39-2	381887	383382	383395	382888	0.23	cps
Rhodium	103-1	10111842	10293583	10176485	10193970	0.90	cps
Rhodium	103-2	2886328	2900669	2937918	2908305	0.92	cps
Scandium	45-1	6232111	6158620	6147766	6179499	0.74	cps
Scandium	45-2	49557	50564	48691	49604	1.89	cps
Selenium	77-2	240	253	267	253	5.26	cps
Selenium	78-2	782	869	726	792	9.08	cps
Selenium	82-1	44320	44002	44397	44240	0.47	cps
Silicon	28-1	8933713	8922454	8926382	8927516	0.06	cps
Silver	109-1	3006005	3066611	3058410	3043675	1.08	cps
Silver	107-1	3157990	3195603	3195681	3183091	0.68	cps
Sodium	23-2	3118756	3118666	3118771	3118731	0.00	cps
Strontium	86-1	1164199	1184047	1191149	1179798	1.18	cps
Strontium	88-1	10102067	10162590	10191543	10152067	0.45	cps
Sulfur	34-1	277135	274764	273159	275019	0.73	cps
Terbium	159-1	14981694	14947769	14759206	14896223	0.80	cps
Terbium	159-2	3007785	3014373	2991991	3004717	0.38	cps
Thallium	203-1	3007523	2982759	3027033	3005772	0.74	cps
Thallium	205-1	7069013	7058039	7029248	7052100	0.29	cps
Tin	118-1	2347965	2335247	2351944	2345052	0.37	cps
Titanium	47-1	1837969	1820716	1861026	1839904	1.10	cps
Uranium	238-1	9219930	9345563	9442159	9335884	1.19	cps
Vanadium	51-2	237342	239635	241648	239542	0.90	cps
Yttrium	89-1	11317535	11504463	11336063	11386021	0.90	cps
Yttrium	89-2	340598	345363	341572	342511	0.74	cps
Zinc	66-2	102566	103841	103130	103179	0.62	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-10	Instrumnet Name :	P8
Client Sample ID :	S83-0020MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:27:44	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4889039	4962473	5024674	4958728	1.37	cps
Zirconium	91-1	1094526	1107315	1109590	1103810	0.74	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-11	Instrumnet Name :	P8
Client Sample ID :	S83-0020MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:30:56	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43217	44061	44429	43902	1.42	cps
Antimony	121-1	3524154	3507989	3572962	3535035	0.96	cps
Arsenic	75-2	41365	41024	40985	41125	0.51	cps
Barium	135-1	3673671	3689512	3733374	3698852	0.84	cps
Barium	137-1	6427614	6396944	6475496	6433351	0.62	cps
Beryllium	9-1	335541	332114	334171	333942	0.52	cps
Bismuth	209-1	9042317	9009475	8983166	9011653	0.33	cps
Bismuth	209-2	2520619	2517604	2522570	2520264	0.10	cps
Boron	10-1	40007	40149	41494	40550	2.02	cps
Boron	11-1	182911	187267	190271	186816	1.98	cps
Cadmium	111-1	745322	746872	752324	748173	0.49	cps
Cadmium	106-1	78747	79149	79475	79124	0.46	cps
Cadmium	108-1	53694	52686	52782	53054	1.05	cps
Calcium	43-1	1038426	1043039	1041558	1041008	0.23	cps
Calcium	44-1	16963875	16873404	16959032	16932104	0.30	cps
Chromium	52-2	332829	329976	330246	331017	0.48	cps
Cobalt	59-2	715630	717129	717666	716809	0.15	cps
Copper	63-2	1254093	1264237	1261272	1259867	0.41	cps
Dysprosium	156-1	92	108	142	114	22.35	cps
Dysprosium	156-2	20	10	13	14	35.26	cps
Erbium	164-1	58	58	133	83	51.96	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	75	125	100	100	25.00	cps
Gadolinium	160-2	23	13	20	19	26.96	cps
Holmium	165-1	14626027	14384913	14290389	14433776	1.20	cps
Holmium	165-2	3149808	3145226	3123453	3139496	0.45	cps
Indium	115-1	11132926	10883437	10826643	10947668	1.49	cps
Indium	115-2	452823	448019	443438	448093	1.05	cps
Iron	56-2	14531384	14556009	14573049	14553480	0.14	cps
Iron	57-2	365097	365750	363771	364872	0.28	cps
Krypton	83-1	380	403	460	414	9.93	cps
Lead	206-1	2384795	2452438	2458551	2431928	1.68	cps
Lead	207-1	2140876	2174443	2183523	2166281	1.04	cps
Lead	208-1	9675905	9819435	9859112	9784817	0.99	cps
Lithium	6-1	1525555	1477118	1466624	1489766	2.11	cps
Magnesium	24-2	1225029	1236657	1222776	1228154	0.61	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-11	Instrumnet Name :	P8
Client Sample ID :	S83-0020MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:30:56	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	290465	290148	289748	290120	0.12	cps
Molybdenum	94-1	5941338	6011708	5954135	5969061	0.63	cps
Molybdenum	95-1	7331260	7326687	7377797	7345248	0.39	cps
Molybdenum	96-1	8148737	8117542	8113810	8126696	0.24	cps
Molybdenum	97-1	4708967	4648058	4639909	4665645	0.81	cps
Molybdenum	98-1	11698693	11743384	11782023	11741367	0.36	cps
Neodymium	150-1	200	187	207	198	5.15	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	212915	215199	211987	213367	0.77	cps
Phosphorus	31-2	42	83	67	64	32.83	cps
Potassium	39-2	381548	382024	383297	382290	0.24	cps
Rhodium	103-1	10187115	10104183	9986443	10092580	1.00	cps
Rhodium	103-2	2911373	2990640	2906819	2936278	1.61	cps
Scandium	45-1	6162441	6058924	5979769	6067045	1.51	cps
Scandium	45-2	50400	50554	49186	50047	1.50	cps
Selenium	77-2	237	257	210	234	9.98	cps
Selenium	78-2	832	880	837	849	3.10	cps
Selenium	82-1	44955	44790	45109	44951	0.35	cps
Silicon	28-1	8759634	8703881	8743858	8735791	0.33	cps
Silver	109-1	3103024	3067943	3095943	3088970	0.60	cps
Silver	107-1	3183817	3187333	3218556	3196569	0.60	cps
Sodium	23-2	3089494	3081746	3089704	3086981	0.15	cps
Strontium	86-1	1183522	1182281	1182101	1182635	0.07	cps
Strontium	88-1	10196692	10170787	10149809	10172429	0.23	cps
Sulfur	34-1	271146	268294	267430	268957	0.72	cps
Terbium	159-1	15097190	14707897	14823349	14876145	1.34	cps
Terbium	159-2	3001398	2994452	3000962	2998938	0.13	cps
Thallium	203-1	3017407	3009070	3026107	3017528	0.28	cps
Thallium	205-1	7032758	7164810	7127522	7108363	0.96	cps
Tin	118-1	2368262	2353409	2367433	2363035	0.35	cps
Titanium	47-1	1860598	1849395	1861049	1857014	0.36	cps
Uranium	238-1	9247852	9290355	9431024	9323077	1.03	cps
Vanadium	51-2	239762	239908	239333	239668	0.12	cps
Yttrium	89-1	11558584	11361384	11275647	11398538	1.27	cps
Yttrium	89-2	346206	347986	343905	346032	0.59	cps
Zinc	66-2	103012	103321	104057	103463	0.52	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-11	Instrumnet Name :	P8
Client Sample ID :	S83-0020MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:30:56	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4960778	5007077	4983275	4983710	0.46	cps
Zirconium	91-1	1096473	1107081	1115171	1106242	0.85	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09A	Instrumnet Name :	P8
Client Sample ID :	S83-0020A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:34:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44128	43334	43125	43529	1.22	cps
Antimony	121-1	3548170	3600440	3621091	3589900	1.05	cps
Arsenic	75-2	41598	42441	41995	42011	1.00	cps
Barium	135-1	3719880	3818839	3769090	3769270	1.31	cps
Barium	137-1	6533804	6605049	6576891	6571915	0.55	cps
Beryllium	9-1	331213	333492	333184	332630	0.37	cps
Bismuth	209-1	9027883	9008012	9139022	9058306	0.78	cps
Bismuth	209-2	2259679	2473844	2459164	2397562	4.99	cps
Boron	10-1	39648	40993	39497	40046	2.06	cps
Boron	11-1	182871	188532	188954	186786	1.82	cps
Cadmium	111-1	753860	759953	757517	757110	0.41	cps
Cadmium	106-1	80691	81144	80490	80775	0.41	cps
Cadmium	108-1	53447	54263	53962	53891	0.77	cps
Calcium	43-1	1055373	1059589	1063358	1059440	0.38	cps
Calcium	44-1	17142521	17201803	17290774	17211699	0.43	cps
Chromium	52-2	339519	340212	337184	338972	0.47	cps
Cobalt	59-2	732274	733716	734658	733549	0.16	cps
Copper	63-2	1298576	1289442	1290575	1292865	0.39	cps
Dysprosium	156-1	108	100	100	103	4.68	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	125	83	75	94	28.37	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	167	242	125	178	33.26	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	14491552	14452979	14667221	14537251	0.79	cps
Holmium	165-2	2858652	3030545	3071981	2987059	3.79	cps
Indium	115-1	10806870	10961320	10994093	10920761	0.92	cps
Indium	115-2	405779	439946	442362	429362	4.77	cps
Iron	56-2	14921445	14831822	14876194	14876487	0.30	cps
Iron	57-2	374591	375082	375782	375152	0.16	cps
Krypton	83-1	453	460	413	442	5.71	cps
Lead	206-1	2440295	2451831	2448437	2446854	0.24	cps
Lead	207-1	2159130	2182834	2181440	2174468	0.61	cps
Lead	208-1	9822960	9837747	9948450	9869719	0.69	cps
Lithium	6-1	1444077	1435305	1432469	1437284	0.42	cps
Magnesium	24-2	1273189	1259907	1261631	1264909	0.57	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09A	Instrumnet Name :	P8
Client Sample ID :	S83-0020A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:34:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297810	298095	299160	298355	0.24	cps
Molybdenum	94-1	6090301	6025481	6134516	6083433	0.90	cps
Molybdenum	95-1	7422751	7443773	7465323	7443949	0.29	cps
Molybdenum	96-1	8321184	8295818	8333998	8317000	0.23	cps
Molybdenum	97-1	4701632	4745479	4735060	4727390	0.48	cps
Molybdenum	98-1	11926311	11954035	11973124	11951157	0.20	cps
Neodymium	150-1	180	207	167	184	11.04	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	219275	216577	218483	218112	0.64	cps
Phosphorus	31-2	83	92	83	86	5.58	cps
Potassium	39-2	389460	382134	388666	386753	1.04	cps
Rhodium	103-1	10050359	10251042	10193384	10164928	1.02	cps
Rhodium	103-2	2652550	2909344	2941425	2834440	5.59	cps
Scandium	45-1	6108113	6143134	6132356	6127867	0.29	cps
Scandium	45-2	45658	49440	49718	48272	4.70	cps
Selenium	77-2	267	243	233	248	6.90	cps
Selenium	78-2	874	813	822	836	3.94	cps
Selenium	82-1	45082	45265	45325	45224	0.28	cps
Silicon	28-1	8867868	8880973	8835687	8861510	0.26	cps
Silver	109-1	3041286	3100482	3094534	3078767	1.06	cps
Silver	107-1	3213050	3207245	3217970	3212755	0.17	cps
Sodium	23-2	3205232	3159281	3164085	3176199	0.80	cps
Strontium	86-1	1206009	1207679	1218841	1210843	0.58	cps
Strontium	88-1	10383519	10319433	10453006	10385319	0.64	cps
Sulfur	34-1	264567	262724	260628	262640	0.75	cps
Terbium	159-1	14801248	14886837	15168153	14952079	1.28	cps
Terbium	159-2	2742512	2931311	2982573	2885465	4.38	cps
Thallium	203-1	2993277	3031782	3064214	3029757	1.17	cps
Thallium	205-1	7068238	7150608	7192580	7137142	0.89	cps
Tin	118-1	2361424	2431433	2437832	2410230	1.76	cps
Titanium	47-1	1855599	1897078	1868388	1873689	1.13	cps
Uranium	238-1	9475484	9574355	9569373	9539737	0.58	cps
Vanadium	51-2	247376	243622	241685	244228	1.18	cps
Yttrium	89-1	11322051	11381671	11423948	11375890	0.45	cps
Yttrium	89-2	310243	339145	342088	330492	5.32	cps
Zinc	66-2	104849	104695	104476	104673	0.18	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-09A	Instrumnet Name :	P8
Client Sample ID :	S83-0020A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:34:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5039142	5044764	5094678	5059528	0.60	cps
Zirconium	91-1	1124286	1132252	1136483	1131007	0.55	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-12	Instrumnet Name :	P8
Client Sample ID :	S83-0019	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:37:19	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	25	67	67	62.50	cps
Antimony	121-1	9437	9070	9371	9293	2.10	cps
Arsenic	75-2	8329	8412	8475	8405	0.87	cps
Barium	135-1	20008	19548	19115	19557	2.28	cps
Barium	137-1	35039	34446	34872	34786	0.88	cps
Beryllium	9-1	278	206	228	237	15.61	cps
Bismuth	209-1	9404423	9437051	9400746	9414073	0.21	cps
Bismuth	209-2	2551444	2530296	2497412	2526384	1.08	cps
Boron	10-1	4818	3959	4234	4337	10.11	cps
Boron	11-1	19906	19948	18805	19553	3.32	cps
Cadmium	111-1	1433	1628	1462	1508	6.98	cps
Cadmium	106-1	1767	2009	1717	1831	8.52	cps
Cadmium	108-1	71	46	21	46	54.56	cps
Calcium	43-1	1039818	1024203	1044232	1036084	1.02	cps
Calcium	44-1	16923685	16528382	16937873	16796646	1.38	cps
Chromium	52-2	817	943	1000	920	10.20	cps
Cobalt	59-2	443	387	370	400	9.61	cps
Copper	63-2	3827	3601	3651	3693	3.23	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	83	75	50	69	24.98	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	83	83	50	72	26.65	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	14621078	14898504	14697889	14739157	0.97	cps
Holmium	165-2	3081700	3057273	3005699	3048224	1.27	cps
Indium	115-1	11089981	11304874	11237938	11210931	0.98	cps
Indium	115-2	450903	442672	443443	445673	1.02	cps
Iron	56-2	6313835	6295432	6293012	6300760	0.18	cps
Iron	57-2	158209	157697	156967	157625	0.40	cps
Krypton	83-1	477	367	413	419	13.18	cps
Lead	206-1	22014	21925	22175	22038	0.58	cps
Lead	207-1	18937	18725	19087	18916	0.96	cps
Lead	208-1	87476	87900	88992	88122	0.89	cps
Lithium	6-1	1407598	1418376	1399335	1408436	0.68	cps
Magnesium	24-2	66808	67863	67628	67433	0.82	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-12	Instrumnet Name :	P8
Client Sample ID :	S83-0019	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:37:19	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	503892	499878	498999	500923	0.52	cps
Molybdenum	94-1	5451	5493	4759	5235	7.87	cps
Molybdenum	95-1	6418	5635	5468	5840	8.69	cps
Molybdenum	96-1	7294	6927	6702	6974	4.28	cps
Molybdenum	97-1	4209	4067	3376	3884	11.48	cps
Molybdenum	98-1	10138	9370	8370	9293	9.54	cps
Neodymium	150-1	33	40	53	42	24.13	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	283	220	243	249	12.87	cps
Phosphorus	31-2	75	17	25	39	81.12	cps
Potassium	39-2	116024	113724	113454	114401	1.23	cps
Rhodium	103-1	10249494	10469487	10371616	10363532	1.06	cps
Rhodium	103-2	2943022	2912927	2905827	2920592	0.68	cps
Scandium	45-1	6125002	6113353	6087276	6108544	0.32	cps
Scandium	45-2	50534	48989	48353	49292	2.28	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-85	-14	-58	-52	-69.27	cps
Silicon	28-1	14485382	14307824	14443388	14412198	0.64	cps
Silver	109-1	1775	1675	1617	1689	4.74	cps
Silver	107-1	1950	2017	2025	1997	2.06	cps
Sodium	23-2	352698	354818	353168	353561	0.31	cps
Strontium	86-1	372776	382076	379141	377998	1.26	cps
Strontium	88-1	3281494	3295920	3336605	3304673	0.86	cps
Sulfur	34-1	265201	260059	257690	260983	1.47	cps
Terbium	159-1	14952330	15177354	15088742	15072809	0.75	cps
Terbium	159-2	3001163	2963334	2968659	2977719	0.69	cps
Thallium	203-1	1792	1742	1383	1639	13.59	cps
Thallium	205-1	3792	3276	3476	3515	7.41	cps
Tin	118-1	30160	28723	28615	29166	2.96	cps
Titanium	47-1	1183	1200	1175	1186	1.07	cps
Uranium	238-1	2425	2367	1834	2209	14.77	cps
Vanadium	51-2	127	130	130	129	1.49	cps
Yttrium	89-1	11289342	11578643	11543636	11470540	1.38	cps
Yttrium	89-2	343207	336304	333019	337510	1.54	cps
Zinc	66-2	1013	1020	1060	1031	2.45	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-12	Instrumnet Name :	P8
Client Sample ID :	S83-0019	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:37:19	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5852	5385	4759	5332	10.28	cps
Zirconium	91-1	1517	1292	1167	1325	13.39	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:40:37	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	282758	281832	286334	283642	0.84	cps
Antimony	121-1	3462319	3493873	3508518	3488237	0.68	cps
Arsenic	75-2	44564	43613	44432	44203	1.17	cps
Barium	135-1	4218273	4266698	4247048	4244006	0.57	cps
Barium	137-1	7384468	7387369	7306392	7359409	0.62	cps
Beryllium	9-1	423022	427410	428042	426158	0.64	cps
Bismuth	209-1	9539027	9650238	9714636	9634634	0.92	cps
Bismuth	209-2	2763362	2770000	2733182	2755515	0.71	cps
Boron	10-1	45147	47521	49168	47279	4.28	cps
Boron	11-1	218734	228746	231930	226470	3.04	cps
Cadmium	111-1	825943	825488	828290	826574	0.18	cps
Cadmium	106-1	88373	85965	88037	87458	1.49	cps
Cadmium	108-1	59841	60230	58639	59570	1.39	cps
Calcium	43-1	4437386	4491851	4473315	4467517	0.62	cps
Calcium	44-1	72220358	72507300	72469483	72399047	0.22	cps
Chromium	52-2	414418	413218	417069	414901	0.47	cps
Cobalt	59-2	861246	852034	859694	857658	0.58	cps
Copper	63-2	1458985	1447405	1461419	1455937	0.51	cps
Dysprosium	156-1	83	50	50	61	31.50	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Erbium	164-1	75	83	100	86	14.78	cps
Erbium	164-2	23	17	13	18	28.64	cps
Gadolinium	160-1	100	83	167	117	37.79	cps
Gadolinium	160-2	20	13	17	17	20.01	cps
Holmium	165-1	15878346	15762704	15690708	15777252	0.60	cps
Holmium	165-2	3575252	3567699	3523099	3555350	0.79	cps
Indium	115-1	12135706	12098449	12151760	12128638	0.23	cps
Indium	115-2	528405	526724	522026	525718	0.63	cps
Iron	56-2	65098170	64269281	64840928	64736126	0.66	cps
Iron	57-2	1652427	1648499	1675185	1658704	0.87	cps
Krypton	83-1	393	410	450	418	6.97	cps
Lead	206-1	2625033	2617121	2631765	2624640	0.28	cps
Lead	207-1	2417178	2419334	2412920	2416477	0.14	cps
Lead	208-1	10692229	10716800	10687017	10698682	0.15	cps
Lithium	6-1	1309586	1344952	1326903	1327147	1.33	cps
Magnesium	24-2	6902103	6896323	6907270	6901899	0.08	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:40:37	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	222537	221592	221643	221924	0.24	cps
Molybdenum	94-1	6887944	6777795	6819427	6828389	0.81	cps
Molybdenum	95-1	8402119	8397985	8416108	8405404	0.11	cps
Molybdenum	96-1	9422761	9387126	9423609	9411165	0.22	cps
Molybdenum	97-1	5427942	5348777	5305402	5360707	1.16	cps
Molybdenum	98-1	13494046	13447273	13374839	13438719	0.45	cps
Neodymium	150-1	167	113	193	158	25.82	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	251249	254018	253888	253052	0.62	cps
Phosphorus	31-2	3659	3526	3917	3701	5.38	cps
Potassium	39-2	1886484	1880883	1925252	1897540	1.27	cps
Rhodium	103-1	11096737	11157324	11135148	11129736	0.28	cps
Rhodium	103-2	3245341	3242676	3161391	3216469	1.48	cps
Scandium	45-1	7119566	7181045	7202558	7167723	0.60	cps
Scandium	45-2	60446	59345	59505	59765	1.00	cps
Selenium	77-2	310	290	253	284	10.10	cps
Selenium	78-2	1009	1024	959	998	3.40	cps
Selenium	82-1	50349	51542	50958	50949	1.17	cps
Silicon	28-1	1934288	1964837	2015097	1971407	2.07	cps
Silver	109-1	3985781	4006113	3996169	3996021	0.25	cps
Silver	107-1	4153526	4178855	4182681	4171687	0.38	cps
Sodium	23-2	15946644	15856721	16001242	15934869	0.46	cps
Strontium	86-1	1037112	1043767	1036536	1039138	0.39	cps
Strontium	88-1	8893497	8938029	8981782	8937769	0.49	cps
Sulfur	34-1	552012	554026	554026	553355	0.21	cps
Terbium	159-1	16327982	16292329	16246987	16289099	0.25	cps
Terbium	159-2	3418378	3420023	3342843	3393748	1.30	cps
Thallium	203-1	3229410	3220945	3218177	3222844	0.18	cps
Thallium	205-1	7541860	7632305	7528949	7567705	0.74	cps
Tin	118-1	2624453	2614800	2635494	2624916	0.39	cps
Titanium	47-1	2242064	2235590	2243322	2240325	0.19	cps
Uranium	238-1	10086828	10225006	10187393	10166409	0.70	cps
Vanadium	51-2	296612	296112	297827	296850	0.30	cps
Yttrium	89-1	12872066	12891230	12951368	12904888	0.32	cps
Yttrium	89-2	410069	409127	403568	407588	0.86	cps
Zinc	66-2	122142	122767	123137	122682	0.41	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:40:37	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5674212	5706696	5662092	5681000	0.41	cps
Zirconium	91-1	1269555	1266494	1263364	1266471	0.24	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:43:46	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	33	28	34.63	cps
Antimony	121-1	12189	11139	9187	10838	14.06	cps
Arsenic	75-2	7	11	11	10	21.63	cps
Barium	135-1	542	483	350	458	21.44	cps
Barium	137-1	817	825	725	789	7.03	cps
Beryllium	9-1	278	278	183	246	22.14	cps
Bismuth	209-1	9960677	9478472	10176077	9871742	3.62	cps
Bismuth	209-2	2975901	2970770	2820611	2922427	3.02	cps
Boron	10-1	3009	2934	2700	2881	5.58	cps
Boron	11-1	14625	13782	13599	14002	3.91	cps
Cadmium	111-1	2049	1677	1962	1896	10.27	cps
Cadmium	106-1	2667	2175	2584	2475	10.63	cps
Cadmium	108-1	25	42	25	31	31.50	cps
Calcium	43-1	908	1067	892	956	10.11	cps
Calcium	44-1	32514	31311	30710	31511	2.91	cps
Chromium	52-2	600	590	620	603	2.53	cps
Cobalt	59-2	170	113	83	122	36.01	cps
Copper	63-2	1077	1013	947	1012	6.42	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	8	50	39	68.89	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	67	50	83	67	25.00	cps
Gadolinium	160-2	3	13	17	11	62.48	cps
Holmium	165-1	15586162	14923194	15763801	15424386	2.87	cps
Holmium	165-2	3624819	3594904	3486607	3568777	2.04	cps
Indium	115-1	12485102	12071595	12551518	12369405	2.10	cps
Indium	115-2	557995	556858	529831	548228	2.91	cps
Iron	56-2	7580	6624	6102	6769	11.08	cps
Iron	57-2	272	200	178	217	22.79	cps
Krypton	83-1	370	360	367	366	1.39	cps
Lead	206-1	756	656	650	687	8.65	cps
Lead	207-1	656	556	639	617	8.69	cps
Lead	208-1	2867	2411	2672	2650	8.63	cps
Lithium	6-1	1475569	1412040	1529619	1472409	4.00	cps
Magnesium	24-2	908	633	450	664	34.75	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:43:46	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	67	83	80	15.02	cps
Molybdenum	94-1	4351	4051	3851	4084	6.16	cps
Molybdenum	95-1	4776	4209	4368	4451	6.57	cps
Molybdenum	96-1	5810	4909	4393	5037	14.24	cps
Molybdenum	97-1	3192	3134	2584	2970	11.31	cps
Molybdenum	98-1	8520	7294	6527	7447	13.50	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	60	107	88	27.99	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	2959	2875	2642	2825	5.81	cps
Rhodium	103-1	11729791	11195840	11890883	11605505	3.13	cps
Rhodium	103-2	3447438	3453535	3283874	3394949	2.83	cps
Scandium	45-1	7189262	6918180	7300927	7136123	2.76	cps
Scandium	45-2	61099	60690	57885	59891	2.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-38	-23	-5	-22	-75.24	cps
Silicon	28-1	258321	255957	252648	255642	1.11	cps
Silver	109-1	1408	1325	1167	1300	9.44	cps
Silver	107-1	1275	1358	1458	1364	6.73	cps
Sodium	23-2	12589	13240	12539	12790	3.06	cps
Strontium	86-1	558	750	617	642	15.31	cps
Strontium	88-1	1308	1342	1133	1261	8.87	cps
Sulfur	34-1	309528	312757	312042	311442	0.54	cps
Terbium	159-1	16160623	15367278	16421001	15982967	3.43	cps
Terbium	159-2	3491766	3466610	3321591	3426656	2.68	cps
Thallium	203-1	1192	1217	975	1128	11.78	cps
Thallium	205-1	2709	2875	2350	2645	10.15	cps
Tin	118-1	3576	3384	3042	3334	8.11	cps
Titanium	47-1	508	433	467	469	8.00	cps
Uranium	238-1	1717	1725	1450	1631	9.59	cps
Vanadium	51-2	20	47	57	41	46.11	cps
Yttrium	89-1	12996181	12350986	13000009	12782392	2.92	cps
Yttrium	89-2	417328	418096	397255	410893	2.88	cps
Zinc	66-2	107	120	143	123	15.05	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:43:46	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3642	3542	3334	3506	4.49	cps
Zirconium	91-1	733	717	808	753	6.49	cps

LB Number : LB96344 Operator : Jaswal
 Lab Sample ID : PB110474BL Instrumnet Name : P8
 Client Sample ID : PB110474BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-27 16:47:05 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	25	31	15.75	cps
Antimony	121-1	2867	2367	2384	2539	11.19	cps
Arsenic	75-2	11	2	6	6	75.49	cps
Barium	135-1	92	100	108	100	8.33	cps
Barium	137-1	275	325	192	264	25.52	cps
Beryllium	9-1	206	178	150	178	15.62	cps
Bismuth	209-1	9710733	9577462	10027919	9772038	2.37	cps
Bismuth	209-2	2992528	2970028	2976368	2979641	0.39	cps
Boron	10-1	1784	1592	1942	1772	9.89	cps
Boron	11-1	9245	8678	8970	8964	3.16	cps
Cadmium	111-1	1519	1611	1858	1663	10.54	cps
Cadmium	106-1	2092	2175	2534	2267	10.35	cps
Cadmium	108-1	58	29	4	31	88.72	cps
Calcium	43-1	642	692	650	661	4.05	cps
Calcium	44-1	23454	23437	22811	23234	1.58	cps
Chromium	52-2	603	610	553	589	5.26	cps
Cobalt	59-2	57	67	77	67	15.00	cps
Copper	63-2	833	907	843	861	4.62	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	8	75	39	86.61	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	50	108	83	81	36.33	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	15056190	15061184	15704670	15274015	2.44	cps
Holmium	165-2	3671007	3594541	3626826	3630791	1.06	cps
Indium	115-1	12155051	12114976	12735444	12335157	2.82	cps
Indium	115-2	566111	560788	560973	562624	0.54	cps
Iron	56-2	2295	2350	2489	2378	4.21	cps
Iron	57-2	72	78	83	78	7.14	cps
Krypton	83-1	383	387	343	371	6.50	cps
Lead	206-1	489	494	383	456	13.74	cps
Lead	207-1	456	383	444	428	9.09	cps
Lead	208-1	1983	2000	1822	1935	5.07	cps
Lithium	6-1	1467332	1452691	1513394	1477806	2.14	cps
Magnesium	24-2	317	258	267	281	11.24	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110474BL	Instrumnet Name :	P8
Client Sample ID :	PB110474BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:47:05	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	43	50	44	11.46	cps
Molybdenum	94-1	1609	1825	1867	1767	7.85	cps
Molybdenum	95-1	1375	1383	1183	1314	8.61	cps
Molybdenum	96-1	1433	1650	1742	1609	9.84	cps
Molybdenum	97-1	1008	950	975	978	2.99	cps
Molybdenum	98-1	1875	1825	1959	1886	3.57	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	67	53	54	21.51	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2500	2409	2450	2453	1.87	cps
Rhodium	103-1	11517108	11600683	11917484	11678425	1.81	cps
Rhodium	103-2	3458434	3478655	3434252	3457113	0.64	cps
Scandium	45-1	7125390	7032973	7347191	7168518	2.25	cps
Scandium	45-2	61273	61357	61882	61504	0.54	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-25	-77	-45	-49	-53.19	cps
Silicon	28-1	248593	250043	252555	250397	0.80	cps
Silver	109-1	658	642	633	644	1.97	cps
Silver	107-1	742	700	800	747	6.72	cps
Sodium	23-2	10104	10104	10037	10082	0.38	cps
Strontium	86-1	750	542	650	647	16.10	cps
Strontium	88-1	592	558	450	533	13.89	cps
Sulfur	34-1	319426	319543	317247	318739	0.41	cps
Terbium	159-1	15552851	15431974	16252324	15745716	2.81	cps
Terbium	159-2	3466498	3504808	3481520	3484275	0.55	cps
Thallium	203-1	508	717	858	695	25.35	cps
Thallium	205-1	1383	1442	1450	1425	2.55	cps
Tin	118-1	1458	1442	1425	1442	1.16	cps
Titanium	47-1	217	267	342	275	22.88	cps
Uranium	238-1	383	392	508	428	16.34	cps
Vanadium	51-2	27	17	17	20	28.86	cps
Yttrium	89-1	12555108	12572164	13002784	12710018	2.00	cps
Yttrium	89-2	419680	422103	417288	419691	0.57	cps
Zinc	66-2	90	110	130	110	18.18	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110474BL	Instrumnet Name :	P8
Client Sample ID :	PB110474BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:47:05	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2334	2575	2217	2375	7.70	cps
Zirconium	91-1	442	542	558	514	12.28	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110474BS	Instrumnet Name :	P8
Client Sample ID :	PB110474BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:50:25	DataFile Name :	060LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57736	56078	56388	56734	1.55	cps
Antimony	121-1	3955445	3950841	3954723	3953670	0.06	cps
Arsenic	75-2	45365	44553	44765	44894	0.94	cps
Barium	135-1	4192220	4211665	4170321	4191402	0.49	cps
Barium	137-1	7331594	7353257	7301098	7328649	0.36	cps
Beryllium	9-1	448462	442552	439058	443357	1.07	cps
Bismuth	209-1	9749430	9657900	9795004	9734111	0.72	cps
Bismuth	209-2	2930685	2848578	2857143	2878802	1.57	cps
Boron	10-1	45172	48048	49177	47466	4.35	cps
Boron	11-1	221757	223516	229492	224921	1.80	cps
Cadmium	111-1	845517	852484	849312	849104	0.41	cps
Cadmium	106-1	90160	90193	91258	90537	0.69	cps
Cadmium	108-1	60267	60377	59911	60185	0.40	cps
Calcium	43-1	922912	918810	919267	920330	0.24	cps
Calcium	44-1	15154019	15072617	14875214	15033950	0.95	cps
Chromium	52-2	405123	401284	403329	403245	0.48	cps
Cobalt	59-2	865065	865540	867849	866151	0.17	cps
Copper	63-2	1510742	1489456	1502714	1500971	0.72	cps
Dysprosium	156-1	58	67	92	72	24.02	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	13	0	17	10	88.20	cps
Gadolinium	160-1	83	142	75	100	36.32	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Holmium	165-1	15356278	15472099	15480026	15436135	0.45	cps
Holmium	165-2	3662286	3548467	3539780	3583511	1.91	cps
Indium	115-1	12186227	12282985	12231243	12233485	0.40	cps
Indium	115-2	556530	544242	546119	548964	1.21	cps
Iron	56-2	13764151	13620170	13608928	13664416	0.63	cps
Iron	57-2	344142	344365	343838	344115	0.08	cps
Krypton	83-1	377	360	423	387	8.49	cps
Lead	206-1	2574872	2586302	2606427	2589200	0.62	cps
Lead	207-1	2361655	2391009	2360001	2370888	0.74	cps
Lead	208-1	10576944	10548483	10607844	10577757	0.28	cps
Lithium	6-1	1472215	1483486	1471383	1475695	0.46	cps
Magnesium	24-2	1457239	1442314	1450171	1449908	0.51	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110474BS	Instrumnet Name :	P8
Client Sample ID :	PB110474BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:50:25	DataFile Name :	060LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	226524	224115	224247	224962	0.60	cps
Molybdenum	94-1	6774620	6712157	6702525	6729767	0.58	cps
Molybdenum	95-1	8294678	8274851	8280341	8283290	0.12	cps
Molybdenum	96-1	9238099	9291886	9213720	9247902	0.43	cps
Molybdenum	97-1	5291576	5233531	5271762	5265623	0.56	cps
Molybdenum	98-1	13459759	13401311	13323364	13394812	0.51	cps
Neodymium	150-1	153	140	173	156	10.78	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	253295	255084	255603	254661	0.48	cps
Phosphorus	31-2	3909	3667	3592	3723	4.45	cps
Potassium	39-2	384289	383937	382507	383578	0.25	cps
Rhodium	103-1	11309346	11335894	11328951	11324730	0.12	cps
Rhodium	103-2	3359516	3295064	3315135	3323238	0.99	cps
Scandium	45-1	7183970	7195635	7256684	7212096	0.54	cps
Scandium	45-2	62438	60285	60493	61072	1.94	cps
Selenium	77-2	277	323	250	283	13.10	cps
Selenium	78-2	1059	1011	1111	1061	4.72	cps
Selenium	82-1	51498	51558	51899	51652	0.42	cps
Silicon	28-1	1955462	1993595	2009993	1986350	1.41	cps
Silver	109-1	4112232	4114440	4083643	4103439	0.42	cps
Silver	107-1	4281081	4271794	4281502	4278126	0.13	cps
Sodium	23-2	3288710	3243284	3299388	3277127	0.91	cps
Strontium	86-1	1032974	1032668	1025783	1030475	0.39	cps
Strontium	88-1	8842990	8937726	8813723	8864813	0.73	cps
Sulfur	34-1	577327	567234	564544	569702	1.18	cps
Terbium	159-1	15926741	15923232	15927461	15925812	0.01	cps
Terbium	159-2	3492661	3418200	3403726	3438195	1.39	cps
Thallium	203-1	3229328	3211682	3205913	3215641	0.38	cps
Thallium	205-1	7532282	7560357	7503386	7532009	0.38	cps
Tin	118-1	2619269	2623737	2661903	2634970	0.89	cps
Titanium	47-1	2247031	2257076	2241757	2248621	0.35	cps
Uranium	238-1	9757800	9744903	9742719	9748474	0.08	cps
Vanadium	51-2	298604	289806	295498	294636	1.51	cps
Yttrium	89-1	12754496	12834852	12763307	12784218	0.34	cps
Yttrium	89-2	423525	413542	412989	416685	1.42	cps
Zinc	66-2	128583	128613	129010	128735	0.19	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	PB110474BS	Instrumnet Name :	P8
Client Sample ID :	PB110474BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:50:25	DataFile Name :	060LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5617536	5704640	5638698	5653625	0.80	cps
Zirconium	91-1	1249345	1260939	1251957	1254080	0.48	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-13	Instrumnet Name :	P8
Client Sample ID :	S83-0017	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:53:36	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	58	58	14.29	cps
Antimony	121-1	29935	24448	20358	24914	19.29	cps
Arsenic	75-2	374	361	350	362	3.33	cps
Barium	135-1	4234	4768	4368	4457	6.23	cps
Barium	137-1	8103	7377	7528	7669	4.99	cps
Beryllium	9-1	150	244	228	207	24.30	cps
Bismuth	209-1	8762625	9119662	9230408	9037565	2.70	cps
Bismuth	209-2	2487438	2479074	2436125	2467546	1.12	cps
Boron	10-1	3642	3059	3025	3242	10.70	cps
Boron	11-1	16477	15442	14333	15417	6.95	cps
Cadmium	111-1	1802	1780	1519	1700	9.26	cps
Cadmium	106-1	1884	1975	1700	1853	7.56	cps
Cadmium	108-1	42	33	54	43	24.36	cps
Calcium	43-1	134615	136979	133118	134904	1.44	cps
Calcium	44-1	2262308	2256136	2225761	2248069	0.87	cps
Chromium	52-2	850	1010	923	928	8.63	cps
Cobalt	59-2	1517	1407	1587	1503	6.04	cps
Copper	63-2	3127	3217	3230	3192	1.76	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	58	67	64	7.53	cps
Erbium	164-2	13	3	23	13	75.02	cps
Gadolinium	160-1	83	50	58	64	27.15	cps
Gadolinium	160-2	7	0	20	9	114.55	cps
Holmium	165-1	13461762	14064166	14075778	13867235	2.53	cps
Holmium	165-2	2994778	2979617	2924028	2966141	1.26	cps
Indium	115-1	10383164	10923538	11053632	10786778	3.30	cps
Indium	115-2	444758	444164	433977	440966	1.37	cps
Iron	56-2	14525	13724	17297	15182	12.35	cps
Iron	57-2	339	333	500	391	24.23	cps
Krypton	83-1	363	427	350	380	10.78	cps
Lead	206-1	1550	1311	1400	1421	8.50	cps
Lead	207-1	1522	1200	1278	1333	12.61	cps
Lead	208-1	6429	5606	5656	5897	7.82	cps
Lithium	6-1	1252722	1326796	1326308	1301942	3.27	cps
Magnesium	24-2	23546	23019	23228	23264	1.14	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-13	Instrumnet Name :	P8
Client Sample ID :	S83-0017	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:53:36	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	248653	245630	248725	247669	0.71	cps
Molybdenum	94-1	5451	5135	4476	5021	9.91	cps
Molybdenum	95-1	5802	4943	4401	5048	13.99	cps
Molybdenum	96-1	6527	5535	4884	5649	14.64	cps
Molybdenum	97-1	3742	3609	3092	3481	9.87	cps
Molybdenum	98-1	9320	7961	6702	7994	16.38	cps
Neodymium	150-1	27	40	27	31	24.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1300	1280	1263	1281	1.43	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	31887	31837	31185	31637	1.24	cps
Rhodium	103-1	9598150	10159218	10198988	9985452	3.36	cps
Rhodium	103-2	2899946	2863571	2823937	2862484	1.33	cps
Scandium	45-1	5844258	6072525	6045095	5987293	2.08	cps
Scandium	45-2	48286	49313	47136	48245	2.26	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-24	-55	-44	-41	-38.66	cps
Silicon	28-1	10920558	10840556	10692789	10817967	1.07	cps
Silver	109-1	5126	4193	3526	4281	18.78	cps
Silver	107-1	5602	5068	4184	4951	14.46	cps
Sodium	23-2	303776	301942	299085	301601	0.78	cps
Strontium	86-1	76280	78441	78417	77713	1.60	cps
Strontium	88-1	662032	677084	673333	670816	1.17	cps
Sulfur	34-1	281237	273913	270376	275175	2.01	cps
Terbium	159-1	13596077	14346783	14356948	14099936	3.09	cps
Terbium	159-2	2874265	2853751	2788809	2838942	1.57	cps
Thallium	203-1	2309	2009	1842	2053	11.52	cps
Thallium	205-1	6118	4576	3951	4882	22.85	cps
Tin	118-1	23530	22837	21668	22678	4.15	cps
Titanium	47-1	958	925	775	886	11.02	cps
Uranium	238-1	2250	2159	1717	2042	13.97	cps
Vanadium	51-2	240	233	203	226	8.66	cps
Yttrium	89-1	10546377	11118476	11291758	10985537	3.55	cps
Yttrium	89-2	334158	336463	323378	331333	2.11	cps
Zinc	66-2	1137	1110	1113	1120	1.30	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-13	Instrumnet Name :	P8
Client Sample ID :	S83-0017	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:53:36	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6118	5568	5260	5649	7.70	cps
Zirconium	91-1	1417	1167	1267	1283	9.81	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-14	Instrumnet Name :	P8
Client Sample ID :	S83-0018	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:56:55	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	25	33	43.30	cps
Antimony	121-1	1900	2142	1925	1989	6.68	cps
Arsenic	75-2	398	383	417	399	4.18	cps
Barium	135-1	4701	4918	4601	4740	3.42	cps
Barium	137-1	8453	9087	8436	8659	4.28	cps
Beryllium	9-1	194	211	167	191	11.77	cps
Bismuth	209-1	11240167	11084703	11081966	11135612	0.81	cps
Bismuth	209-2	3203453	3084312	3050843	3112869	2.58	cps
Boron	10-1	2234	2217	2184	2211	1.15	cps
Boron	11-1	10204	10354	10037	10199	1.55	cps
Cadmium	111-1	2065	2089	1679	1944	11.85	cps
Cadmium	106-1	2600	2709	2167	2492	11.50	cps
Cadmium	108-1	25	4	25	18	66.60	cps
Calcium	43-1	169352	167175	166182	167570	0.97	cps
Calcium	44-1	2803791	2806174	2762597	2790854	0.88	cps
Chromium	52-2	927	917	863	902	3.77	cps
Cobalt	59-2	1467	1397	1427	1430	2.46	cps
Copper	63-2	1427	1453	1470	1450	1.51	cps
Dysprosium	156-1	17	58	8	28	96.44	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	75	33	42	50	44.11	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	125	58	100	94	35.66	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	17358431	17043798	17143372	17181867	0.94	cps
Holmium	165-2	3856280	3702884	3693483	3750882	2.44	cps
Indium	115-1	13834201	13716694	13848272	13799722	0.52	cps
Indium	115-2	595435	565773	571768	577659	2.72	cps
Iron	56-2	14791	14780	15337	14970	2.12	cps
Iron	57-2	367	317	356	346	7.58	cps
Krypton	83-1	460	343	417	407	14.50	cps
Lead	206-1	344	494	406	415	18.18	cps
Lead	207-1	356	344	306	335	7.83	cps
Lead	208-1	1511	1750	1645	1635	7.32	cps
Lithium	6-1	1487288	1495371	1500720	1494460	0.45	cps
Magnesium	24-2	28496	28513	28162	28390	0.70	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-14	Instrumnet Name :	P8
Client Sample ID :	S83-0018	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:56:55	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	283640	281634	282969	282747	0.36	cps
Molybdenum	94-1	1483	1659	1442	1528	7.53	cps
Molybdenum	95-1	1792	1592	1667	1684	6.00	cps
Molybdenum	96-1	2017	2075	1900	1997	4.46	cps
Molybdenum	97-1	1125	1175	1267	1189	6.04	cps
Molybdenum	98-1	2934	2867	2542	2781	7.54	cps
Neodymium	150-1	13	47	13	24	78.75	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1533	1460	1640	1545	5.86	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	39833	38863	40551	39749	2.13	cps
Rhodium	103-1	12991095	12832531	12964146	12929258	0.66	cps
Rhodium	103-2	3670285	3484568	3604646	3586500	2.63	cps
Scandium	45-1	7835390	7823530	7827444	7828788	0.08	cps
Scandium	45-2	65522	62131	62181	63278	3.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	7	4	89.21	cps
Selenium	82-1	-155	20	-103	-80	-112.81	cps
Silicon	28-1	14251278	14186574	14084489	14174114	0.59	cps
Silver	109-1	592	658	742	664	11.32	cps
Silver	107-1	700	617	642	653	6.55	cps
Sodium	23-2	356498	351461	357192	355050	0.88	cps
Strontium	86-1	95466	94771	96196	95477	0.75	cps
Strontium	88-1	823959	819071	817261	820097	0.42	cps
Sulfur	34-1	318139	316416	318697	317751	0.37	cps
Terbium	159-1	17820469	17597748	17687357	17701858	0.63	cps
Terbium	159-2	3721738	3542469	3571339	3611848	2.66	cps
Thallium	203-1	583	467	392	481	20.10	cps
Thallium	205-1	1025	983	958	989	3.41	cps
Tin	118-1	1183	1275	1183	1214	4.36	cps
Titanium	47-1	358	325	292	325	10.26	cps
Uranium	238-1	650	692	675	672	3.12	cps
Vanadium	51-2	173	153	213	180	16.97	cps
Yttrium	89-1	14196518	14118946	14167190	14160885	0.28	cps
Yttrium	89-2	441386	425682	428603	431890	1.93	cps
Zinc	66-2	1187	1343	1233	1255	6.41	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-14	Instrumnet Name :	P8
Client Sample ID :	S83-0018	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 16:56:55	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1575	1292	1392	1420	10.12	cps
Zirconium	91-1	258	317	292	289	10.13	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-15	Instrumnet Name :	P8
Client Sample ID :	S83-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:00:14	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	8	17	50.01	cps
Antimony	121-1	725	825	1000	850	16.38	cps
Arsenic	75-2	7	6	9	7	24.97	cps
Barium	135-1	167	125	167	153	15.75	cps
Barium	137-1	242	267	233	247	7.02	cps
Beryllium	9-1	156	144	144	148	4.33	cps
Bismuth	209-1	10576105	10706794	9965080	10415993	3.80	cps
Bismuth	209-2	3083056	3149947	3097004	3110002	1.13	cps
Boron	10-1	1634	1292	1325	1417	13.30	cps
Boron	11-1	6719	6402	6443	6521	2.64	cps
Cadmium	111-1	1715	1633	1606	1651	3.44	cps
Cadmium	106-1	2367	2284	2209	2286	3.46	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	1108	967	975	1017	7.82	cps
Calcium	44-1	29925	29557	29457	29646	0.83	cps
Chromium	52-2	1027	937	983	982	4.58	cps
Cobalt	59-2	47	67	87	67	30.00	cps
Copper	63-2	1003	1033	1113	1050	5.42	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	58	75	25	53	48.24	cps
Erbium	164-2	0	7	17	8	107.84	cps
Gadolinium	160-1	92	83	117	97	17.84	cps
Gadolinium	160-2	13	27	10	17	52.93	cps
Holmium	165-1	16547652	17005526	15597594	16383591	4.38	cps
Holmium	165-2	3722366	3785122	3752995	3753494	0.84	cps
Indium	115-1	13340187	13610263	12515500	13155317	4.34	cps
Indium	115-2	581727	585331	583253	583437	0.31	cps
Iron	56-2	2078	2217	2017	2104	4.87	cps
Iron	57-2	78	72	78	76	4.23	cps
Krypton	83-1	363	247	350	320	19.96	cps
Lead	206-1	339	467	411	406	15.80	cps
Lead	207-1	389	289	333	337	14.87	cps
Lead	208-1	1550	1639	1661	1617	3.64	cps
Lithium	6-1	1485828	1527571	1423458	1478952	3.54	cps
Magnesium	24-2	358	292	283	311	13.21	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-15	Instrumnet Name :	P8
Client Sample ID :	S83-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:00:14	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	113	73	92	21.79	cps
Molybdenum	94-1	767	767	800	778	2.47	cps
Molybdenum	95-1	625	750	608	661	11.71	cps
Molybdenum	96-1	967	800	783	850	11.93	cps
Molybdenum	97-1	542	550	592	561	4.78	cps
Molybdenum	98-1	1275	1083	1125	1161	8.68	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	160	143	137	19.96	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2575	2725	2959	2753	7.02	cps
Rhodium	103-1	12560800	12663801	11751441	12325347	4.05	cps
Rhodium	103-2	3603707	3610473	3609577	3607919	0.10	cps
Scandium	45-1	7633953	7750107	7176489	7520183	4.03	cps
Scandium	45-2	62729	64504	62947	63393	1.53	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-29	50	-20	0	26353.95	cps
Silicon	28-1	251141	248577	251068	250262	0.58	cps
Silver	109-1	508	433	517	486	9.44	cps
Silver	107-1	433	525	525	494	10.70	cps
Sodium	23-2	10596	10796	10880	10757	1.35	cps
Strontium	86-1	925	775	758	820	11.20	cps
Strontium	88-1	2825	2934	2484	2748	8.55	cps
Sulfur	34-1	295122	293864	294612	294533	0.21	cps
Terbium	159-1	17091266	17426404	15942498	16820056	4.63	cps
Terbium	159-2	3632031	3646628	3591059	3623239	0.80	cps
Thallium	203-1	250	300	350	300	16.67	cps
Thallium	205-1	742	750	683	725	5.01	cps
Tin	118-1	817	617	725	719	13.92	cps
Titanium	47-1	192	192	200	194	2.47	cps
Uranium	238-1	300	250	267	272	9.35	cps
Vanadium	51-2	23	30	20	24	20.83	cps
Yttrium	89-1	13720916	14028039	12844896	13531284	4.54	cps
Yttrium	89-2	434338	438174	438406	436973	0.52	cps
Zinc	66-2	1257	1297	1207	1253	3.60	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	J3631-15	Instrumnet Name :	P8
Client Sample ID :	S83-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:00:14	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1392	1208	1150	1250	10.09	cps
Zirconium	91-1	342	292	275	303	11.46	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:11:33	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292024	291614	294388	292675	0.51	cps
Antimony	121-1	3852060	3884347	3890925	3875778	0.54	cps
Arsenic	75-2	44222	45094	45510	44942	1.46	cps
Barium	135-1	4131000	4147959	4169266	4149408	0.46	cps
Barium	137-1	7178127	7195123	7218994	7197415	0.29	cps
Beryllium	9-1	454253	454034	461253	456513	0.90	cps
Bismuth	209-1	9476068	9642479	9369665	9496071	1.45	cps
Bismuth	209-2	2801891	2637366	2798924	2746061	3.43	cps
Boron	10-1	49411	50908	53300	51206	3.83	cps
Boron	11-1	229991	240231	246771	238998	3.54	cps
Cadmium	111-1	802250	811421	814689	809453	0.80	cps
Cadmium	106-1	85093	87039	86167	86100	1.13	cps
Cadmium	108-1	57756	58493	57083	57778	1.22	cps
Calcium	43-1	4416682	4444375	4469278	4443445	0.59	cps
Calcium	44-1	72048862	71809427	72542079	72133456	0.52	cps
Chromium	52-2	414326	414584	418425	415778	0.55	cps
Cobalt	59-2	846735	859488	859317	855180	0.86	cps
Copper	63-2	1442834	1459154	1447015	1449667	0.58	cps
Dysprosium	156-1	75	92	75	81	11.95	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Erbium	164-1	58	92	83	78	22.30	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	117	92	142	117	21.43	cps
Gadolinium	160-2	20	33	20	24	31.49	cps
Holmium	165-1	15328835	15741217	15567351	15545801	1.33	cps
Holmium	165-2	3684910	3390534	3645639	3573694	4.47	cps
Indium	115-1	11875678	12048846	11989405	11971310	0.74	cps
Indium	115-2	542325	513336	549762	535141	3.60	cps
Iron	56-2	64892875	65197513	65442339	65177576	0.42	cps
Iron	57-2	1669628	1670658	1689530	1676605	0.67	cps
Krypton	83-1	350	380	357	362	4.35	cps
Lead	206-1	2559328	2529772	2543831	2544310	0.58	cps
Lead	207-1	2360393	2330123	2315427	2335314	0.98	cps
Lead	208-1	10423066	10411484	10363304	10399285	0.30	cps
Lithium	6-1	1512044	1558721	1538445	1536403	1.52	cps
Magnesium	24-2	6999496	7034073	7035163	7022911	0.29	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:11:33	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	225793	227275	226706	226591	0.33	cps
Molybdenum	94-1	6747973	6772333	6811195	6777167	0.47	cps
Molybdenum	95-1	8309702	8317722	8432218	8353214	0.82	cps
Molybdenum	96-1	9185330	9298452	9194211	9225998	0.68	cps
Molybdenum	97-1	5169850	5301292	5294540	5255227	1.41	cps
Molybdenum	98-1	13244087	13249670	13432296	13308684	0.80	cps
Neodymium	150-1	153	147	153	151	2.55	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	251810	253555	253054	252806	0.36	cps
Phosphorus	31-2	3592	3792	4026	3803	5.70	cps
Potassium	39-2	1918687	1947862	1951837	1939462	0.93	cps
Rhodium	103-1	10960434	11180702	10997380	11046172	1.07	cps
Rhodium	103-2	3286076	3064988	3271778	3207614	3.86	cps
Scandium	45-1	7246861	7388839	7282846	7306182	1.01	cps
Scandium	45-2	62066	59185	63135	61462	3.32	cps
Selenium	77-2	310	387	327	341	11.82	cps
Selenium	78-2	1072	1156	994	1074	7.50	cps
Selenium	82-1	49960	50146	50741	50282	0.81	cps
Silicon	28-1	1939372	1991545	2023337	1984751	2.14	cps
Silver	109-1	3840586	3922789	3882337	3881904	1.06	cps
Silver	107-1	4042477	4072804	4065043	4060108	0.39	cps
Sodium	23-2	15892278	16252680	16071449	16072135	1.12	cps
Strontium	86-1	1014479	1010145	1013878	1012834	0.23	cps
Strontium	88-1	8786829	8761095	8770383	8772769	0.15	cps
Sulfur	34-1	583163	584357	585432	584317	0.19	cps
Terbium	159-1	15851737	16284911	15889826	16008825	1.50	cps
Terbium	159-2	3448400	3259859	3490860	3399706	3.62	cps
Thallium	203-1	3145974	3115359	3142609	3134647	0.54	cps
Thallium	205-1	7423093	7325818	7363505	7370805	0.67	cps
Tin	118-1	2569889	2558956	2556852	2561899	0.27	cps
Titanium	47-1	2252117	2233073	2261338	2248843	0.64	cps
Uranium	238-1	9828931	9849381	9827145	9835152	0.13	cps
Vanadium	51-2	298011	300516	299958	299495	0.44	cps
Yttrium	89-1	12866119	13045369	12753730	12888406	1.14	cps
Yttrium	89-2	423181	395279	429284	415915	4.36	cps
Zinc	66-2	122670	125249	124294	124071	1.05	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:11:33	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5655349	5572104	5580512	5602655	0.82	cps
Zirconium	91-1	1247787	1247015	1256526	1250442	0.42	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	25	44	39.04	cps
Antimony	121-1	12798	11380	9112	11097	16.76	cps
Arsenic	75-2	20	7	19	15	45.42	cps
Barium	135-1	392	325	333	350	10.38	cps
Barium	137-1	733	558	575	622	15.52	cps
Beryllium	9-1	200	244	194	213	12.87	cps
Bismuth	209-1	9601058	9565622	9146590	9437757	2.68	cps
Bismuth	209-2	2816078	2964537	2988365	2922993	3.19	cps
Boron	10-1	2284	2059	2067	2136	5.97	cps
Boron	11-1	11413	11497	10312	11074	5.97	cps
Cadmium	111-1	1836	1699	1763	1766	3.87	cps
Cadmium	106-1	2367	2234	2359	2320	3.22	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	875	817	800	831	4.74	cps
Calcium	44-1	26368	26459	24572	25800	4.12	cps
Chromium	52-2	630	613	530	591	9.06	cps
Cobalt	59-2	127	160	87	124	29.50	cps
Copper	63-2	540	733	553	609	17.73	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	58	33	50	28.88	cps
Erbium	164-2	0	10	20	10	100.00	cps
Gadolinium	160-1	108	133	42	94	50.17	cps
Gadolinium	160-2	0	23	10	11	105.35	cps
Holmium	165-1	14771520	14842755	14076673	14563649	2.91	cps
Holmium	165-2	3468531	3560476	3635104	3554704	2.35	cps
Indium	115-1	12143752	11914730	11399178	11819220	3.23	cps
Indium	115-2	539597	558335	570476	556136	2.80	cps
Iron	56-2	6763	6846	5718	6442	9.76	cps
Iron	57-2	150	161	133	148	9.44	cps
Krypton	83-1	363	423	427	404	8.81	cps
Lead	206-1	589	567	411	522	18.55	cps
Lead	207-1	506	478	472	485	3.68	cps
Lead	208-1	2372	2261	1956	2196	9.82	cps
Lithium	6-1	1470550	1480951	1407814	1453105	2.72	cps
Magnesium	24-2	600	583	608	597	2.13	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2018-06-27 17:14:42	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	70	57	59	17.29	cps
Molybdenum	94-1	4301	3584	3167	3684	15.57	cps
Molybdenum	95-1	4518	4001	3342	3954	14.90	cps
Molybdenum	96-1	5301	4601	4034	4645	13.66	cps
Molybdenum	97-1	2992	2650	2209	2617	15.01	cps
Molybdenum	98-1	7444	6494	5401	6446	15.86	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	57	57	48	32.23	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	2842	2784	2917	2848	2.35	cps
Rhodium	103-1	11326233	11214467	10805083	11115261	2.47	cps
Rhodium	103-2	3302326	3434392	3538910	3425209	3.46	cps
Scandium	45-1	7139312	7031451	6768172	6979645	2.74	cps
Scandium	45-2	59237	61307	62485	61010	2.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	1	-68	-98	-55	-92.21	cps
Silicon	28-1	261190	257273	251772	256745	1.84	cps
Silver	109-1	775	817	792	795	2.64	cps
Silver	107-1	883	1017	858	920	9.26	cps
Sodium	23-2	11121	10388	10796	10768	3.42	cps
Strontium	86-1	642	592	383	539	25.43	cps
Strontium	88-1	967	1083	817	956	13.99	cps
Sulfur	34-1	327875	327521	321590	325662	1.08	cps
Terbium	159-1	15420879	15408113	14550769	15126587	3.30	cps
Terbium	159-2	3306211	3425000	3541440	3424217	3.43	cps
Thallium	203-1	1150	1050	1000	1067	7.16	cps
Thallium	205-1	3142	2725	2500	2789	11.67	cps
Tin	118-1	3859	3451	2950	3420	13.31	cps
Titanium	47-1	425	375	467	422	10.87	cps
Uranium	238-1	1158	1242	817	1072	21.00	cps
Vanadium	51-2	37	47	30	38	22.21	cps
Yttrium	89-1	12579463	12319848	11795395	12231569	3.27	cps
Yttrium	89-2	402736	420060	427148	416648	3.01	cps
Zinc	66-2	90	117	110	106	13.15	cps

LB Number :	LB96344	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
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Date & Time Acquired ::	2018-06-27 17:14:42	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3426	3784	3184	3465	8.72	cps
Zirconium	91-1	792	675	758	742	8.10	cps