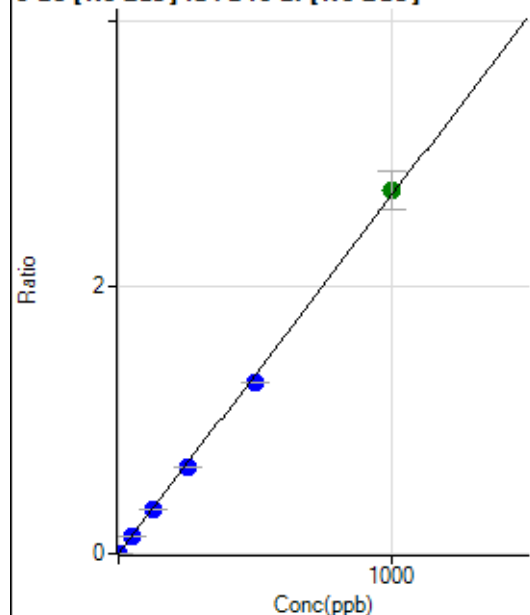


Batch Folder: D:\P8070717.b\
Analysis File: P8070717.batch.bin
DA Date-Time: 2017-07-07 15:33:08
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-07-07 12:01:28
2			
3	005CALS.d	S02	2017-07-07 12:08:13
4	006CALS.d	S03	2017-07-07 12:11:46
5	007CALS.d	S04	2017-07-07 12:15:17
6	008CALS.d	S05	2017-07-07 12:18:45
7	009CALS.d	S06	2017-07-07 12:22:06
8	010CALS.d	S07	2017-07-07 12:25:23
9	011CALS.d	S08	2017-07-07 12:28:34

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.37	0.0002	P	9.2
2	☐	0.100					
3	☐	1.000	0.935	1076.01	0.0027	P	14.3
4	☐	50.000	49.390	54327.03	0.1329	P	0.5
5	☐	125.000	122.762	136246.70	0.3300	P	1.0
6	☐	250.000	242.936	277801.48	0.6528	P	0.7
7	☐	500.000	477.759	580881.22	1.2836	P	1.0
8	☐	1000.000	1013.197	1124881.69	2.7220	A	10.7
9	☐			281.49	0.0006	P	14.7

$$y = 0.0027 * x + 1.7343E-004$$

$$R = 0.9996$$

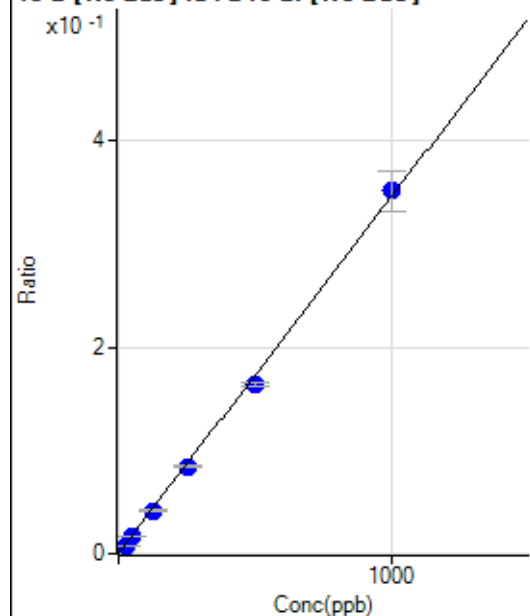
$$DL = 0.01779$$

$$BEC = 0.06456$$

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	188.90	0.0005	P	17.1
2	☐	2.500					
3	☐	25.000	21.010	3089.35	0.0077	P	4.8
4	☐	50.000	47.923	6951.97	0.0170	P	3.2
5	☐	125.000	119.491	17216.52	0.0417	P	2.1
6	☐	250.000	241.615	35670.48	0.0838	P	2.0
7	☐	500.000	473.804	74192.15	0.1639	P	1.4
8	☐	1000.000	1016.087	145009.65	0.3510	P	11.3
9	☐			5709.72	0.0126	P	4.5

$$y = 3.4501E-004 * x + 4.6510E-004$$

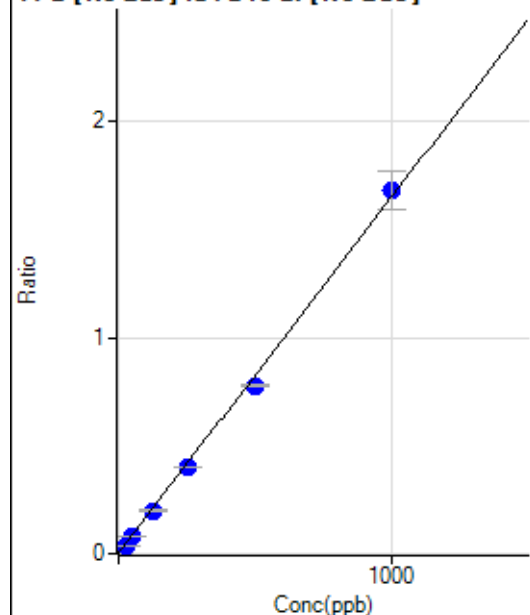
$$R = 0.9995$$

$$DL = 0.6911$$

$$BEC = 1.348$$

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	1141.76	0.0028	P	18.5
2	☐	2.500					
3	☐	25.000	22.046	15664.73	0.0391	P	2.1
4	☐	50.000	48.264	33646.12	0.0823	P	0.3
5	☐	125.000	118.575	81777.88	0.1980	P	2.7
6	☐	250.000	241.675	170532.90	0.4007	P	0.5
7	☐	500.000	470.720	352046.16	0.7779	P	1.8
8	☐	1000.000	1017.685	693673.48	1.6784	P	10.5
9	☐			27051.45	0.0599	P	5.8

$$y = 0.0016 * x + 0.0028$$

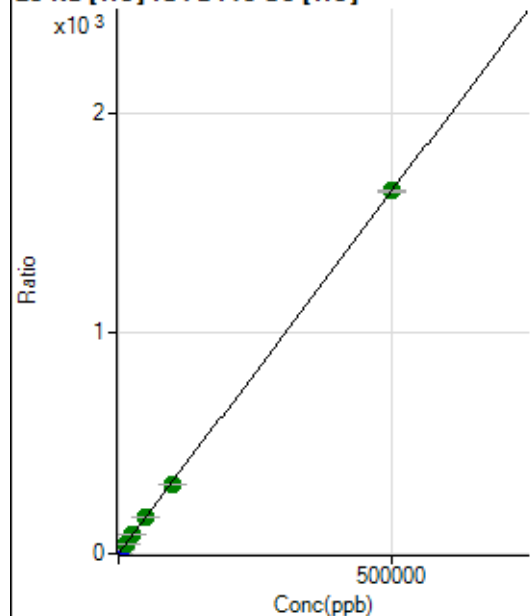
$$R = 0.9993$$

$$DL = 0.9458$$

$$BEC = 1.709$$

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	7352.22	0.2211	P	5.6
2	☐	50.000					
3	☐	500.000	480.269	58155.66	1.7989	P	2.2
4	☐	5000.000	5143.194	569877.32	17.1180	P	2.7
5	☐	12500.000	12900.652	1452453.60	42.6036	A	1.3
6	☐	25000.000	25366.595	2855267.55	83.5580	A	1.5
7	☐	50000.000	49870.704	5707940.66	164.0615	A	0.4
8	☐	100000.00	96258.854	10790970.82	316.4607	A	0.7
9	☐	500000.00	500731.40	57033045.02	1,645.276	A	0.6

$$y = 0.0033 * x + 0.2211$$

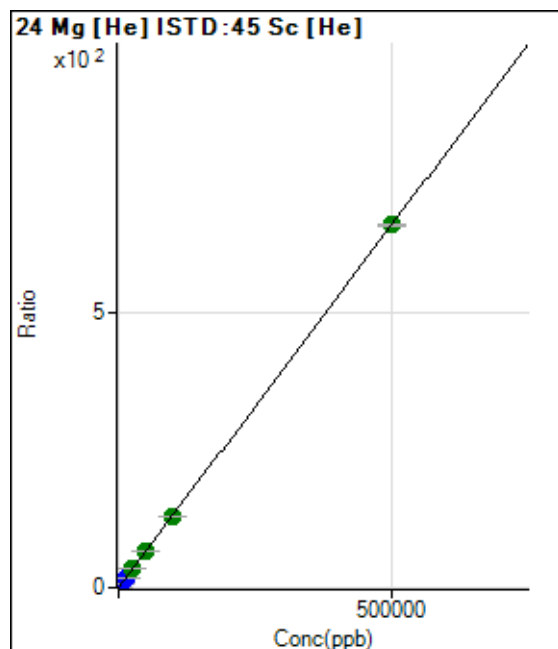
$$R = 1.0000$$

$$DL = 11.31$$

$$BEC = 67.29$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0023	P	12.1
2	☐	50.000					
3	☐	500.000	467.318	20039.89	0.6200	P	3.4
4	☐	5000.000	5258.368	231491.81	6.9534	P	2.2
5	☐	12500.000	12804.889	577159.95	16.9293	P	1.3
6	☐	25000.000	25895.186	1169806.47	34.2336	A	1.5
7	☐	50000.000	50817.334	2337236.25	67.1787	A	0.6
8	☐	100000.00	97753.945	4406518.63	129.2252	A	0.6
9	☐	500000.00	500312.54	22926583.67	661.3755	A	0.2

$$y = 0.0013 * x + 0.0023$$

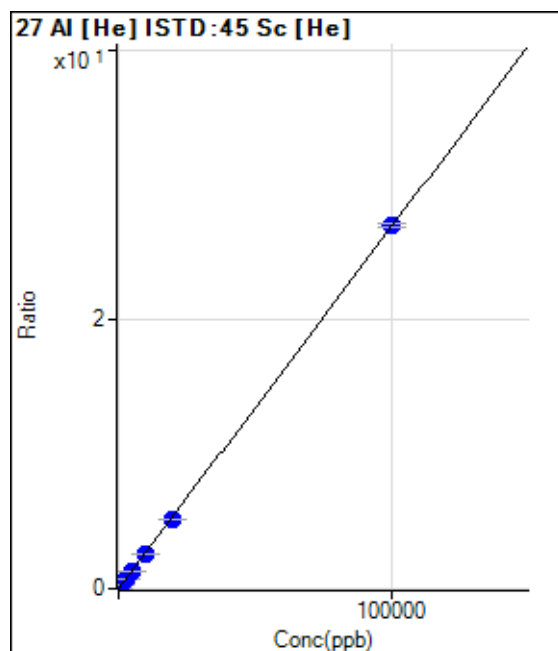
$$R = 1.0000$$

$$DL = 0.6213$$

$$BEC = 1.707$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0010	P	25.9
2	☐	2.000					
3	☐	20.000	16.772	177.79	0.0055	P	28.8
4	☐	1000.000	1009.102	9061.62	0.2721	P	2.0
5	☐	2500.000	2432.180	22312.91	0.6545	P	1.7
6	☐	5000.000	4890.599	44933.19	1.3150	P	2.0
7	☐	10000.000	9692.791	90641.65	2.6053	P	0.4
8	☐	20000.000	18964.504	173790.98	5.0965	P	0.2
9	☐	100000.00	100244.89	933696.54	26.9353	P	0.9

$$y = 2.6868E-004 * x + 0.0010$$

$$R = 0.9999$$

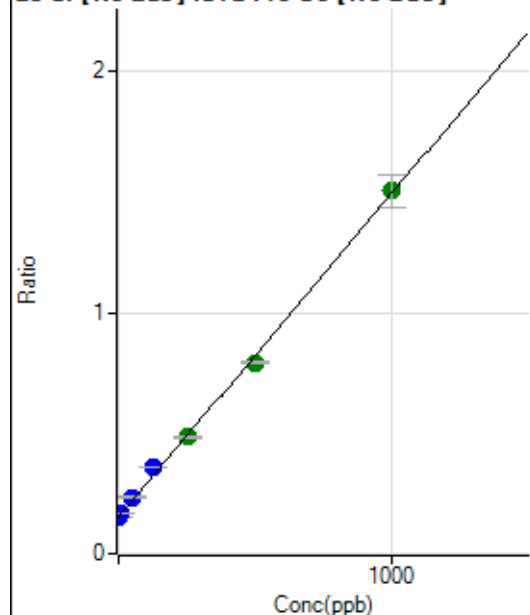
$$DL = 2.905$$

$$BEC = 3.735$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	415495.07	0.1525	P	0.9
2	☐	1.000					
3	☐	10.000	11.006	452179.55	0.1673	P	2.2
4	☐	50.000	61.217	642573.07	0.2347	P	0.8
5	☐	125.000	154.935	994756.78	0.3604	P	0.6
6	☐	250.000	247.069	1357752.85	0.4840	A	0.7
7	☐	500.000	476.785	2279549.79	0.7922	A	1.1
8	☐	1000.000	1008.027	3919886.89	1.5049	A	8.9
9	☐			447719.40	0.1598	P	1.0

$$y = 0.0013 * x + 0.1525$$

$$R = 0.9990$$

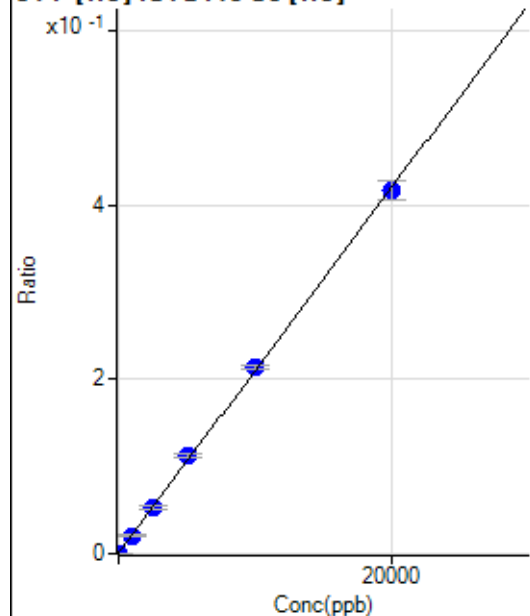
$$DL = 3.115$$

$$BEC = 113.7$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	5.811	25.00	0.0008	P	58.3
2	☐	0.000					
3	☐	0.000	-5.811	16.67	0.0005	P	48.0
4	☐	1000.000	964.006	694.49	0.0209	P	8.5
5	☐	2500.000	2496.668	1808.53	0.0530	P	6.4
6	☐	5000.000	5358.371	3864.59	0.1131	P	5.0
7	☐	10000.000	10174.394	7455.07	0.2142	P	2.6
8	☐	20000.000	19825.427	14216.06	0.4169	P	5.4
9	☐			16.67	0.0005	P	50.6

$$y = 2.0995E-005 * x + 6.3301E-004$$

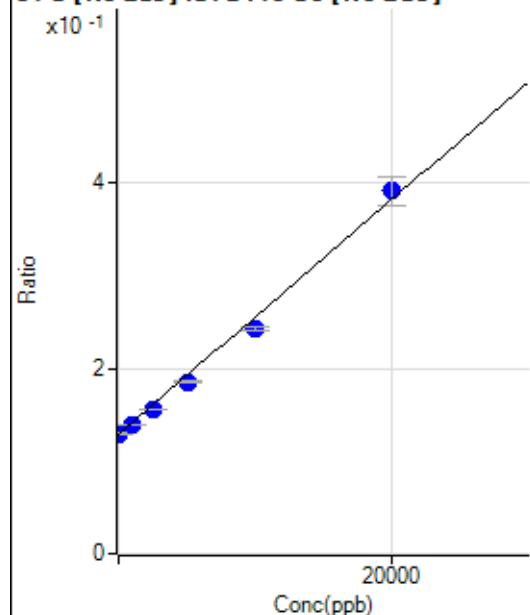
$$R = 0.9997$$

$$DL = 48.97$$

$$BEC = 30.15$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-20.153	350562.05	0.1287	P	0.7
2	☐	0.000					
3	☐	0.000	20.153	349281.59	0.1292	P	0.6
4	☐	1000.000	785.755	380356.41	0.1389	P	1.1
5	☐	2500.000	2160.173	431418.82	0.1563	P	0.2
6	☐	5000.000	4452.788	519797.49	0.1853	P	1.5
7	☐	10000.000	8938.156	696473.23	0.2420	P	1.5
8	☐	20000.000	20720.915	1019140.91	0.3911	P	8.1
9	☐			371454.44	0.1326	P	0.8

$$y = 1.2650\text{E-}005 * x + 0.1290$$

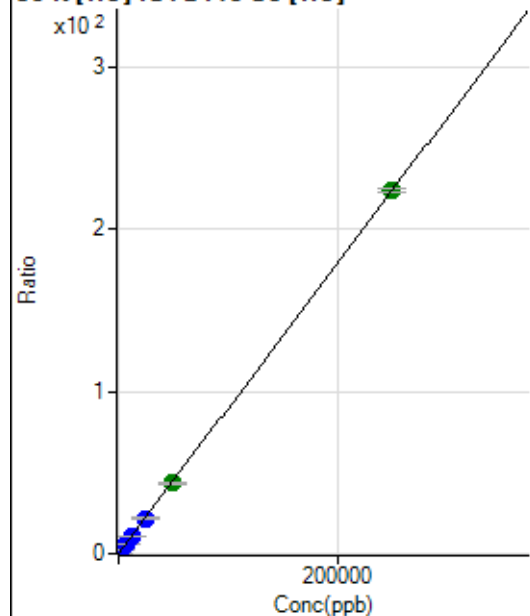
$$R = 0.9976$$

$$DL = 204.3$$

$$BEC = 1.02\text{E+}04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4306.40	0.1294	P	1.3
2	☐	50.000					
3	☐	500.000	490.022	18321.01	0.5668	P	3.0
4	☐	2500.000	2513.368	78994.15	2.3728	P	2.3
5	☐	6250.000	6256.214	194787.80	5.7135	P	1.1
6	☐	12500.000	12392.880	382421.83	11.1908	P	0.9
7	☐	25000.000	24395.225	762057.31	21.9036	P	0.3
8	☐	50000.000	48531.362	1481433.17	43.4465	A	1.5
9	☐	250000.00	250359.29	7750447.83	223.5895	A	1.2

$$y = 8.9256\text{E-}004 * x + 0.1294$$

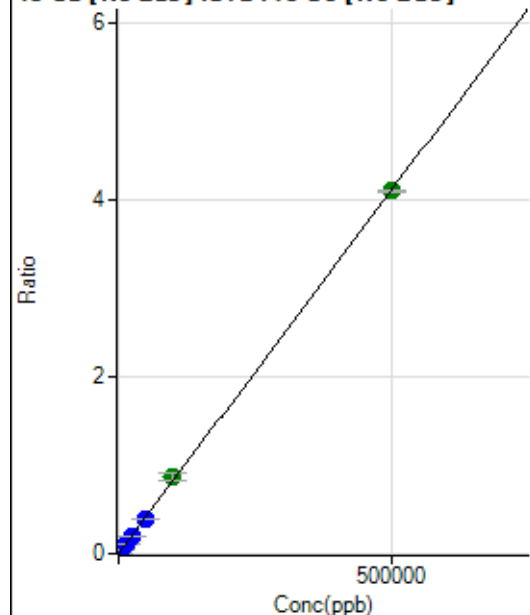
$$R = 1.0000$$

$$DL = 5.587$$

$$BEC = 145$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3514.50	0.0013	P	7.0
2	☐	50.000					
3	☐	500.000	439.575	13242.90	0.0049	P	3.3
4	☐	5000.000	4915.366	114071.53	0.0417	P	1.0
5	☐	12500.000	12306.070	282534.71	0.1024	P	0.1
6	☐	25000.000	24423.214	566288.45	0.2019	P	1.5
7	☐	50000.000	48568.273	1151575.08	0.4002	P	0.7
8	☐	100000.00	105717.64	2265231.95	0.8696	A	8.7
9	☐	500000.00	499034.23	11485805.90	4.0999	A	0.3

$$y = 8.2131\text{E-}006 * x + 0.0013$$

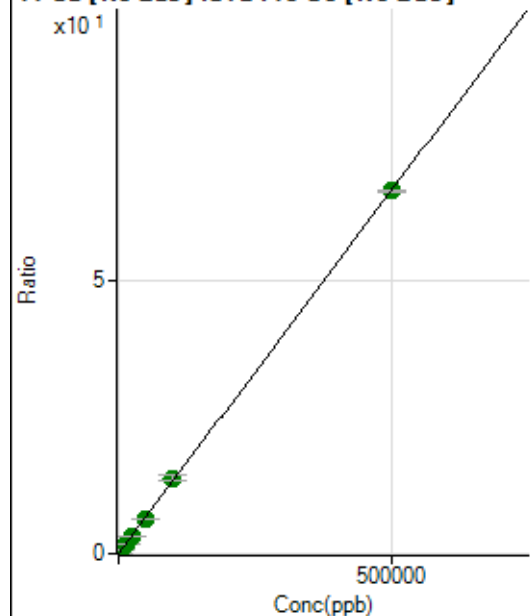
$$R = 0.9999$$

$$DL = 33$$

$$BEC = 157.1$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72445.82	0.0266	P	1.8
2	☐	50.000					
3	☐	500.000	424.730	224396.25	0.0830	P	1.0
4	☐	5000.000	5057.491	1912616.47	0.6985	A	0.8
5	☐	12500.000	12273.136	4573651.14	1.6571	A	1.1
6	☐	25000.000	24520.335	9212433.28	3.2841	A	1.1
7	☐	50000.000	48529.826	18629345.38	6.4737	A	0.1
8	☐	100000.00	104239.04	36141784.14	13.8747	A	8.8
9	☐	500000.00	499328.36	185913324.9	66.3619	A	0.3

$$y = 1.3285\text{E-}004 * x + 0.0266$$

$$R = 0.9999$$

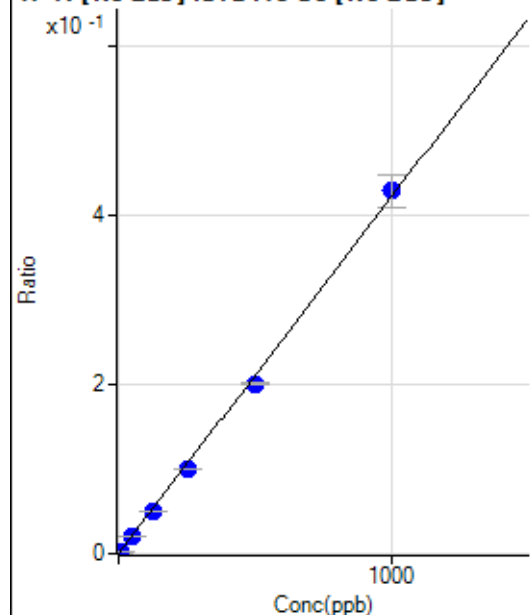
$$DL = 10.6$$

$$BEC = 200.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	216.68	0.0001	P	8.2
2	☐	0.500					
3	☐	5.000	4.219	5023.35	0.0019	P	2.3
4	☐	50.000	47.457	55003.54	0.0201	P	0.5
5	☐	125.000	117.749	137238.45	0.0497	P	1.1
6	☐	250.000	236.910	280404.18	0.1000	P	1.2
7	☐	500.000	475.630	577264.28	0.2006	P	0.8
8	☐	1000.000	1016.495	1116420.08	0.4286	P	9.0
9	☐			1825.06	0.0007	P	31.7

$$y = 4.2160E-004 * x + 7.9583E-005$$

$$R = 0.9995$$

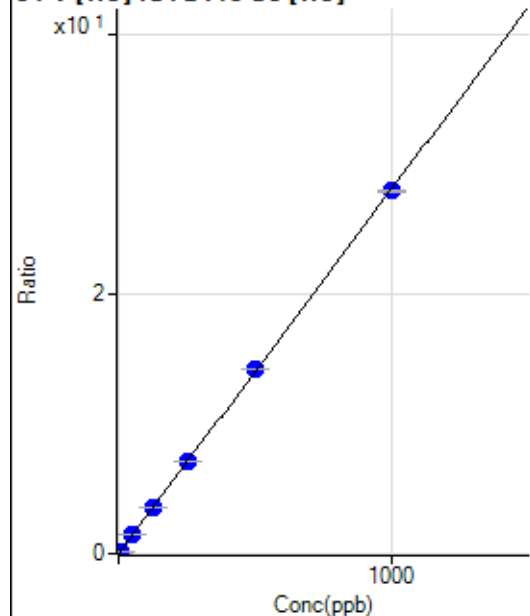
$$DL = 0.04641$$

$$BEC = 0.1888$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.44	0.0007	P	51.1
2	☐	0.500					
3	☐	5.000	4.631	4225.16	0.1308	P	7.2
4	☐	50.000	51.411	48089.20	1.4444	P	1.8
5	☐	125.000	127.341	121929.49	3.5766	P	2.2
6	☐	250.000	253.887	243658.64	7.1302	P	0.9
7	☐	500.000	506.117	494499.58	14.2131	P	0.1
8	☐	1000.000	995.608	953350.68	27.9585	P	0.8
9	☐			497.79	0.0144	P	9.5

$$y = 0.0281 * x + 7.3255E-004$$

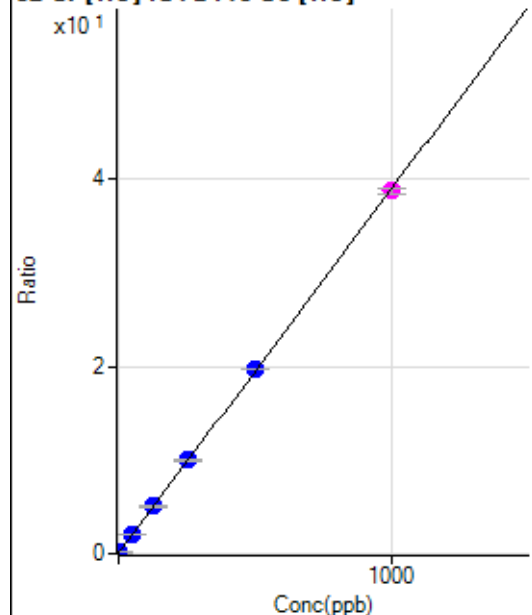
$$R = 1.0000$$

$$DL = 0.03996$$

$$BEC = 0.02609$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1381.21	0.0415	P	7.4
2	☐	0.200					
3	☐	2.000	2.048	3916.17	0.1212	P	4.1
4	☐	50.000	52.399	69232.45	2.0793	P	1.0
5	☐	125.000	128.408	171670.18	5.0354	P	1.2
6	☐	250.000	255.348	340766.75	9.9721	P	1.2
7	☐	500.000	507.087	687579.33	19.7624	P	0.1
8	☐	1000.000	994.574	1320280.08	38.7210	M	1.6
9	☐			33837.70	0.9761	P	0.7

$$y = 0.0389 * x + 0.0415$$

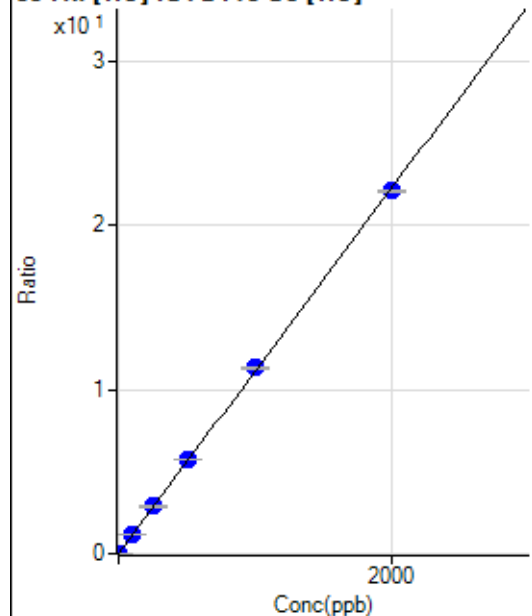
$$R = 0.9999$$

$$DL = 0.2374$$

$$BEC = 1.068$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.11	0.0033	P	22.2
2	☐	0.100					
3	☐	1.000	0.878	424.46	0.0131	P	5.9
4	☐	100.000	105.396	39159.32	1.1762	P	1.4
5	☐	250.000	259.238	98458.47	2.8880	P	1.5
6	☐	500.000	515.552	196149.71	5.7402	P	1.8
7	☐	1000.000	1017.384	393982.30	11.3244	P	0.7
8	☐	2000.000	1985.996	753686.80	22.1027	P	0.5
9	☐			3279.33	0.0946	P	4.4

$$y = 0.0111 * x + 0.0033$$

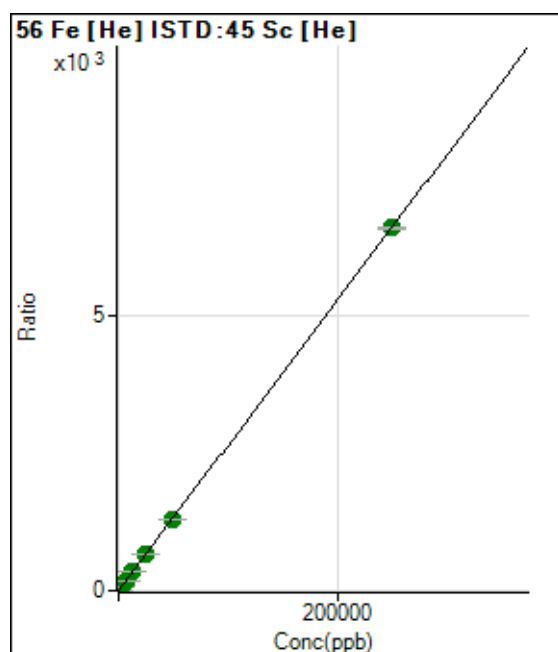
$$R = 0.9999$$

$$DL = 0.1998$$

$$BEC = 0.3005$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4749.10	0.1427	P	1.9
2	☐	5.000					
3	☐	50.000	47.459	45076.92	1.3947	P	3.6
4	☐	2500.000	2641.681	2325113.33	69.8322	A	0.9
5	☐	6250.000	6408.243	5768360.55	169.1969	A	1.2
6	☐	12500.000	12734.616	11484585.90	336.0912	A	1.5
7	☐	25000.000	25363.597	23284010.01	669.2530	A	0.5
8	☐	50000.000	49315.319	44366698.68	1,301.116	A	0.7
9	☐	250000.00	250083.47	228699292.1	6,597.527	A	0.5

$$y = 0.0264 * x + 0.1427$$

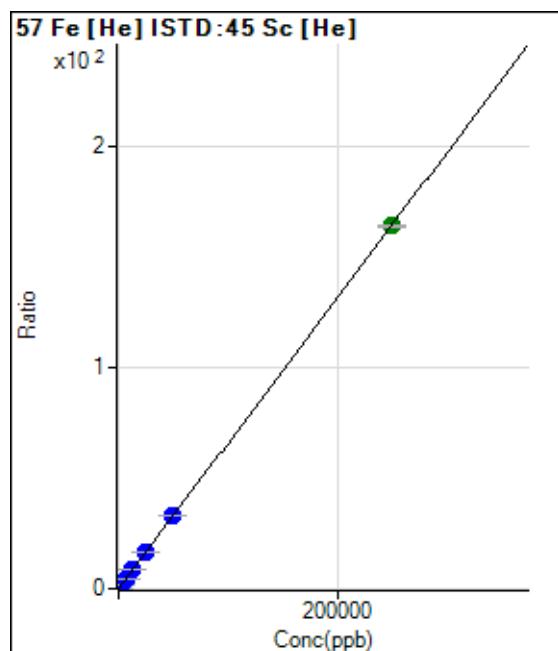
$$R = 1.0000$$

$$DL = 0.3022$$

$$BEC = 5.411$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.19	0.0041	P	27.7
2	☐	5.000					
3	☐	50.000	48.655	1164.90	0.0360	P	4.2
4	☐	2500.000	2652.410	58158.62	1.7470	P	3.4
5	☐	6250.000	6423.311	144040.23	4.2250	P	1.3
6	☐	12500.000	12889.079	289566.52	8.4739	P	1.3
7	☐	25000.000	25660.089	586778.02	16.8660	P	0.7
8	☐	50000.000	50082.835	1122340.94	32.9149	P	1.1
9	☐	250000.00	249892.11	5692420.50	164.2153	A	0.6

$$y = 6.5713E-004 * x + 0.0041$$

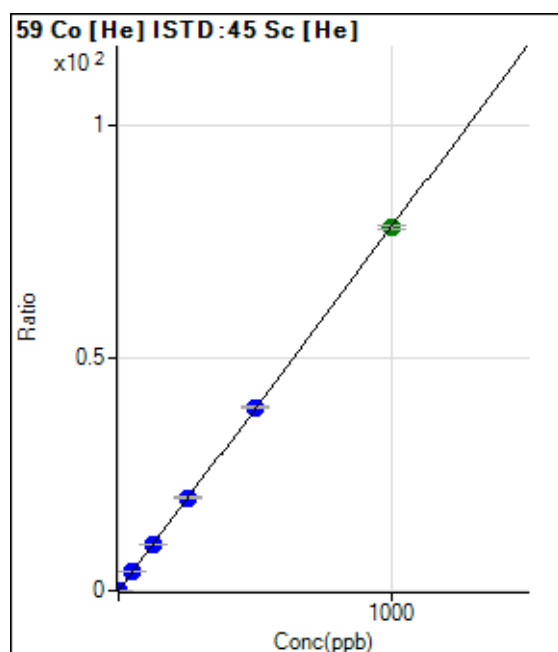
$$R = 1.0000$$

$$DL = 5.156$$

$$BEC = 6.196$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	153.34	0.0046	P	25.7
2	☐	0.100					
3	☐	1.000	0.966	2594.73	0.0803	P	4.4
4	☐	50.000	51.995	135666.07	4.0748	P	1.6
5	☐	125.000	128.350	342695.61	10.0519	P	1.1
6	☐	250.000	254.732	681524.11	19.9452	P	1.8
7	☐	500.000	502.940	1369866.13	39.3750	P	0.9
8	☐	1000.000	996.828	2660995.13	78.0368	A	1.2
9	☐			4599.72	0.1327	P	3.2

$$y = 0.0783 * x + 0.0046$$

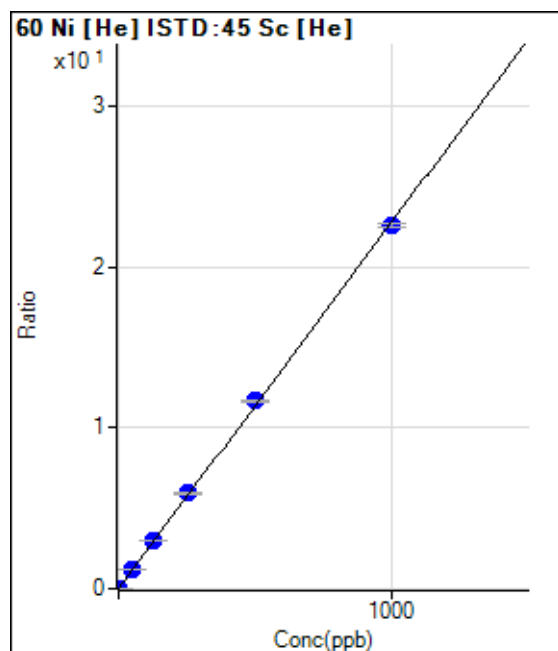
$$R = 1.0000$$

$$DL = 0.04551$$

$$BEC = 0.059$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.89	0.0033	P	11.0
2	☐	0.100					
3	☐	1.000	0.962	813.37	0.0252	P	8.3
4	☐	50.000	53.545	40711.74	1.2228	P	1.7
5	☐	125.000	130.867	101725.86	2.9839	P	1.7
6	☐	250.000	260.063	202509.67	5.9265	P	1.7
7	☐	500.000	512.112	405914.92	11.6672	P	0.4
8	☐	1000.000	990.518	769374.31	22.5634	P	1.0
9	☐			11620.55	0.3352	P	1.2

$$y = 0.0228 * x + 0.0033$$

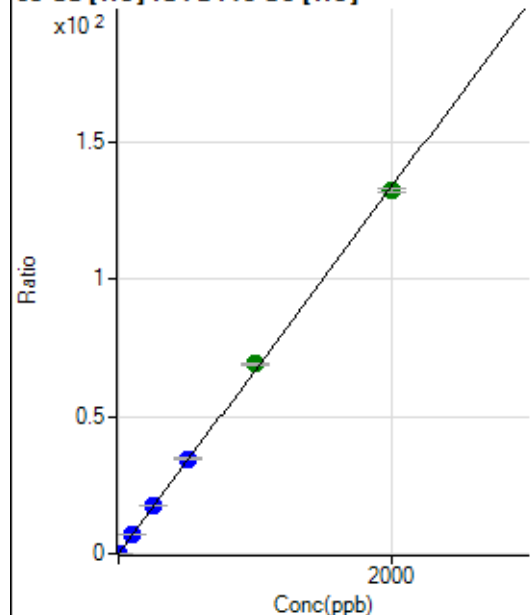
$$R = 0.9998$$

$$DL = 0.04762$$

$$BEC = 0.1438$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1307.86	0.0393	P	6.4
2	☐	0.200					
3	☐	2.000	2.380	6418.24	0.1986	P	2.6
4	☐	100.000	105.507	236342.48	7.0986	P	1.6
5	☐	250.000	259.311	592855.18	17.3894	P	1.0
6	☐	500.000	515.398	1179760.77	34.5239	P	1.2
7	☐	1000.000	1034.335	2409224.93	69.2452	A	0.5
8	☐	2000.000	1977.544	4513025.94	132.3540	A	1.1
9	☐			9789.15	0.2824	P	1.5

$$y = 0.0669 * x + 0.0393$$

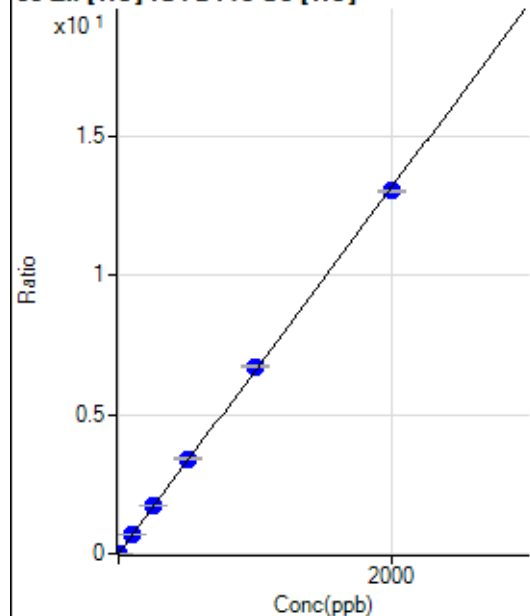
$$R = 0.9997$$

$$DL = 0.1126$$

$$BEC = 0.5878$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.55	0.0011	P	37.5
2	☐	0.200					
3	☐	2.000	1.931	444.46	0.0138	P	8.4
4	☐	100.000	106.263	23280.85	0.6992	P	1.9
5	☐	250.000	260.789	58449.29	1.7145	P	2.1
6	☐	500.000	517.340	116186.89	3.4001	P	1.5
7	☐	1000.000	1023.861	234073.36	6.7281	P	1.0
8	☐	2000.000	1982.073	444100.68	13.0238	P	0.6
9	☐			3981.75	0.1149	P	2.1

$$y = 0.0066 * x + 0.0011$$

$$R = 0.9998$$

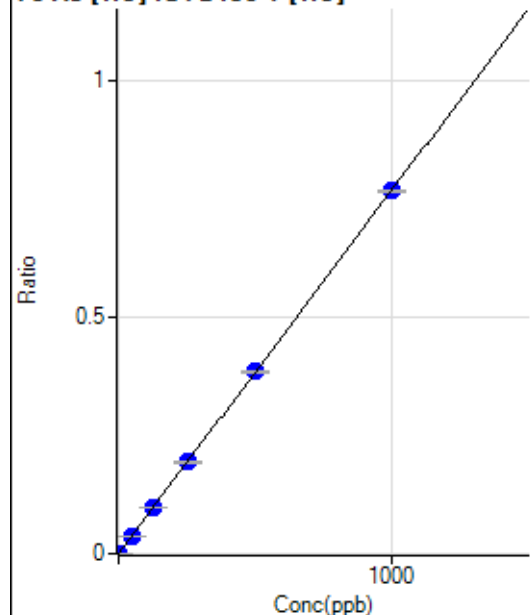
$$DL = 0.1828$$

$$BEC = 0.1624$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.34	0.0001	P	22.8
2	☐	0.100					
3	☐	1.000	0.897	153.71	0.0007	P	4.4
4	☐	50.000	49.664	8144.45	0.0382	P	0.7
5	☐	125.000	125.215	20778.04	0.0961	P	1.3
6	☐	250.000	252.229	41700.31	0.1936	P	1.4
7	☐	500.000	500.490	84427.22	0.3841	P	0.3
8	☐	1000.000	999.187	162468.01	0.7668	P	0.6
9	☐			92.59	0.0004	P	14.5

$$y = 7.6733\text{E-}004 * x + 5.9169\text{E-}005$$

$$R = 1.0000$$

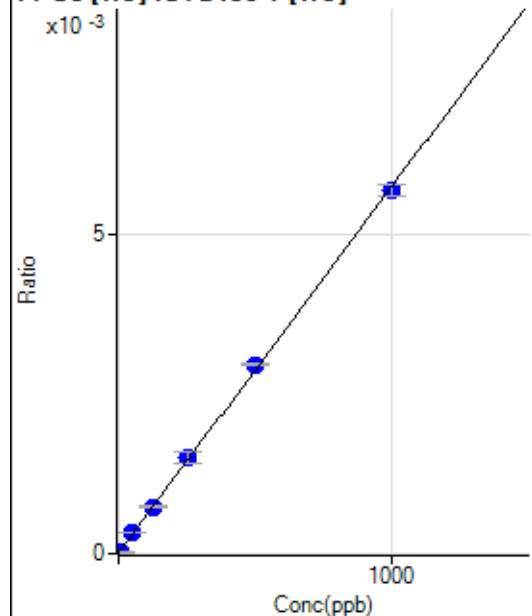
$$DL = 0.0527$$

$$BEC = 0.07711$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	0.937	3.33	0.0000	P	173.2
4	☐	50.000	55.440	70.00	0.0003	P	4.9
5	☐	125.000	124.750	156.67	0.0007	P	3.9
6	☐	250.000	262.115	325.57	0.0015	P	11.5
7	☐	500.000	514.737	650.03	0.0030	P	0.7
8	☐	1000.000	989.382	1202.30	0.0057	P	3.2
9	☐			1.11	0.0000	P	173.2

$$y = 5.7244\text{E-}006 * x + 1.0703\text{E-}005$$

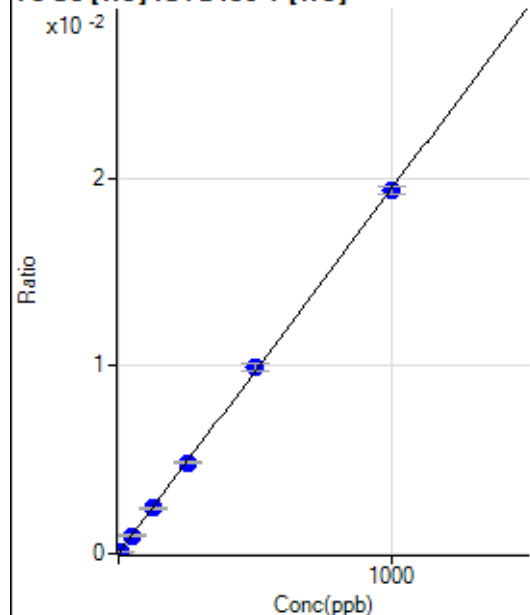
$$R = 0.9997$$

$$DL = 9.715$$

$$BEC = 1.87$$

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	124.4
2	☐	0.500					
3	☐	5.000	3.559	17.28	0.0001	P	43.5
4	☐	50.000	47.544	200.00	0.0009	P	8.3
5	☐	125.000	125.242	528.41	0.0024	P	4.2
6	☐	250.000	248.627	1042.64	0.0048	P	2.3
7	☐	500.000	512.202	2187.85	0.0100	P	4.1
8	☐	1000.000	994.342	4092.00	0.0193	P	2.2
9	☐			3.09	0.0000	P	69.5

$$y = 1.9406E-005 * x + 1.4706E-005$$

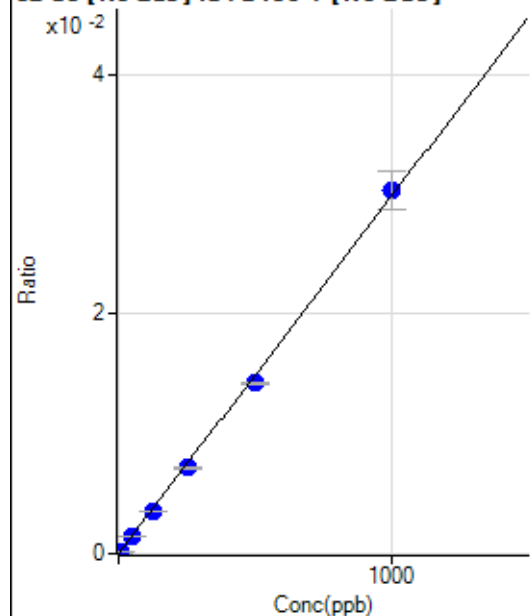
$$R = 0.9999$$

$$DL = 2.829$$

$$BEC = 0.7578$$

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	-98.80	0.0000	P	-126.
2	☐	0.500					
3	☐	5.000	5.414	552.28	0.0001	P	20.7
4	☐	50.000	47.941	5727.82	0.0014	P	1.9
5	☐	125.000	118.972	14420.54	0.0035	P	0.5
6	☐	250.000	240.428	29672.33	0.0072	P	1.2
7	☐	500.000	476.096	61121.88	0.0142	P	0.8
8	☐	1000.000	1015.199	117499.73	0.0303	P	10.4
9	☐			37.31	0.0000	P	77.5

$$y = 2.9845E-005 * x - 2.4531E-005$$

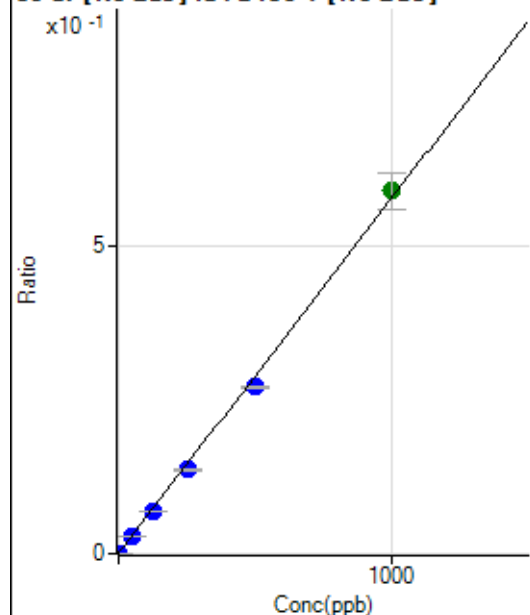
$$R = 0.9995$$

$$DL = 3.121$$

$$BEC = -0.8219$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2416.99	0.0006	P	3.5
2	☐	0.100					
3	☐	1.000	0.902	4517.60	0.0011	P	4.1
4	☐	50.000	46.833	112783.50	0.0277	P	1.6
5	☐	125.000	117.257	279852.83	0.0684	P	1.1
6	☐	250.000	234.742	565987.96	0.1364	P	1.1
7	☐	500.000	467.941	1169069.51	0.2713	P	0.2
8	☐	1000.000	1020.970	2294997.68	0.5912	A	10.2
9	☐			81076.60	0.0196	P	1.0

$$y = 5.7849\text{E-}004 * x + 5.9930\text{E-}004$$

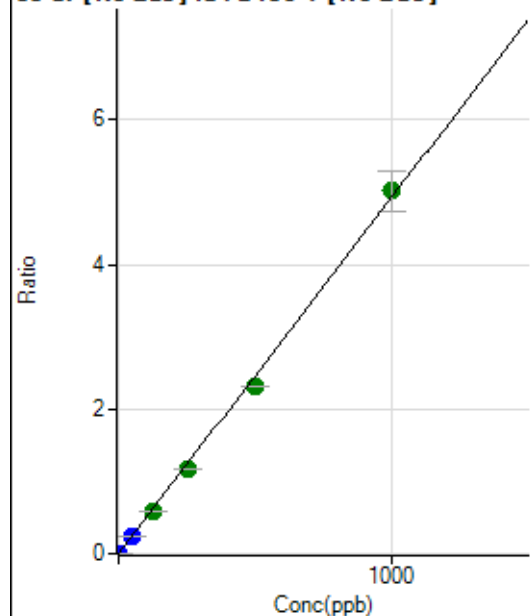
$$R = 0.9991$$

$$DL = 0.1093$$

$$BEC = 1.036$$

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	191.68	0.0000	P	26.7
2	☐	0.100					
3	☐	1.000	0.853	17108.67	0.0042	P	1.5
4	☐	50.000	47.335	949427.02	0.2331	P	0.1
5	☐	125.000	120.220	2420812.32	0.5919	A	0.4
6	☐	250.000	236.758	4837385.57	1.1657	A	0.7
7	☐	500.000	470.572	9983748.92	2.3169	A	0.4
8	☐	1000.000	1018.755	19458345.23	5.0158	A	11.2
9	☐			675083.76	0.1628	P	0.7

$$y = 0.0049 * x + 4.7569\text{E-}005$$

$$R = 0.9993$$

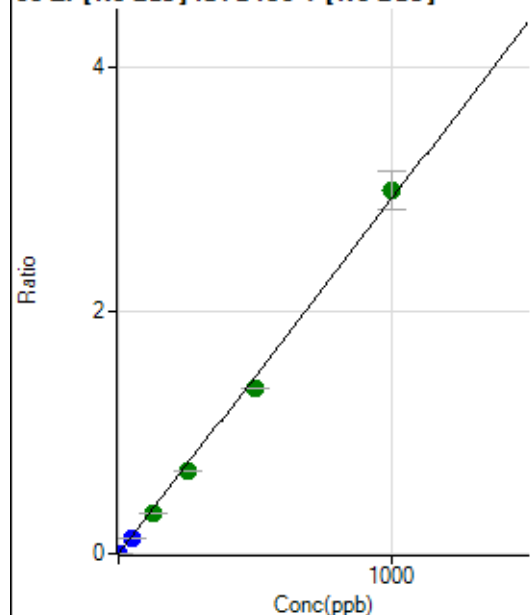
$$DL = 0.00775$$

$$BEC = 0.009662$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.24	0.0001	P	8.3
2	☐	0.100					
3	☐	1.000	0.900	10843.62	0.0027	P	2.8
4	☐	50.000	44.902	533612.93	0.1310	P	0.3
5	☐	125.000	114.684	1368020.18	0.3345	A	0.7
6	☐	250.000	232.546	2814425.43	0.6782	A	0.2
7	☐	500.000	465.861	5854671.83	1.3586	A	0.6
8	☐	1000.000	1022.977	11577788.63	2.9833	A	10.5
9	☐			2755.98	0.0007	P	3.3

$$y = 0.0029 * x + 6.7524E-005$$

$$R = 0.9990$$

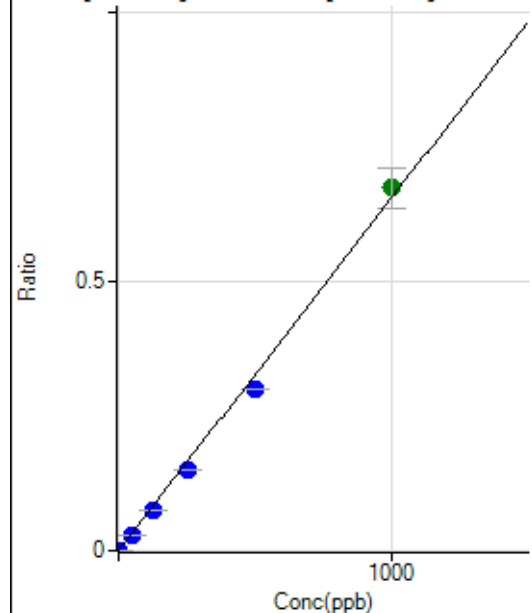
$$DL = 0.005795$$

$$BEC = 0.02315$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	47.6
2	☐	0.100					
3	☐	1.000	0.886	2389.21	0.0006	P	7.8
4	☐	50.000	44.271	117980.29	0.0290	P	0.7
5	☐	125.000	112.652	301345.47	0.0737	P	0.9
6	☐	250.000	227.644	617807.31	0.1489	P	1.2
7	☐	500.000	457.069	1288114.13	0.2989	P	0.4
8	☐	1000.000	1028.885	2610468.11	0.6729	A	11.1
9	☐			650.05	0.0002	P	14.2

$$y = 6.5398E-004 * x + 1.3732E-005$$

$$R = 0.9984$$

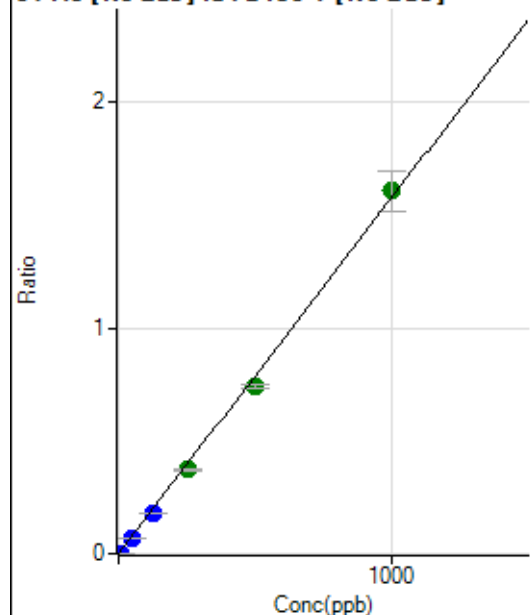
$$DL = 0.02997$$

$$BEC = 0.021$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0000	P	18.9
2	☐	0.500					
3	☐	5.000	1.954	12595.26	0.0031	P	2.0
4	☐	50.000	45.217	290275.54	0.0713	P	1.0
5	☐	125.000	114.338	736680.22	0.1801	P	0.4
6	☐	250.000	235.621	1540140.71	0.3712	A	0.6
7	☐	500.000	471.008	3196805.24	0.7419	A	1.7
8	☐	1000.000	1019.678	6231039.03	1.6061	A	11.1
9	☐			9598.26	0.0023	P	3.7

$$y = 0.0016 * x + 4.7460E-005$$

$$R = 0.9993$$

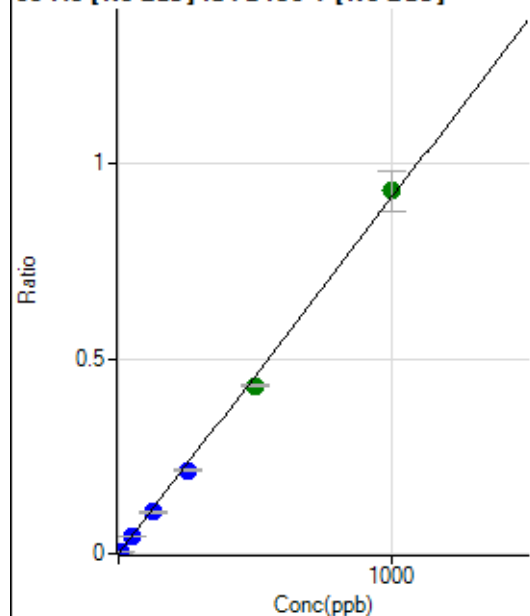
$$DL = 0.01705$$

$$BEC = 0.03013$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	15.8
2	☐	0.500					
3	☐	5.000	4.073	15114.59	0.0038	P	2.8
4	☐	50.000	46.250	172004.60	0.0422	P	0.7
5	☐	125.000	116.597	435179.71	0.1064	P	1.0
6	☐	250.000	234.651	888467.73	0.2141	P	1.0
7	☐	500.000	471.745	1854715.88	0.4304	A	1.0
8	☐	1000.000	1019.207	3607935.58	0.9299	A	10.9
9	☐			14867.06	0.0036	P	0.8

$$y = 9.1234E-004 * x + 3.5134E-005$$

$$R = 0.9993$$

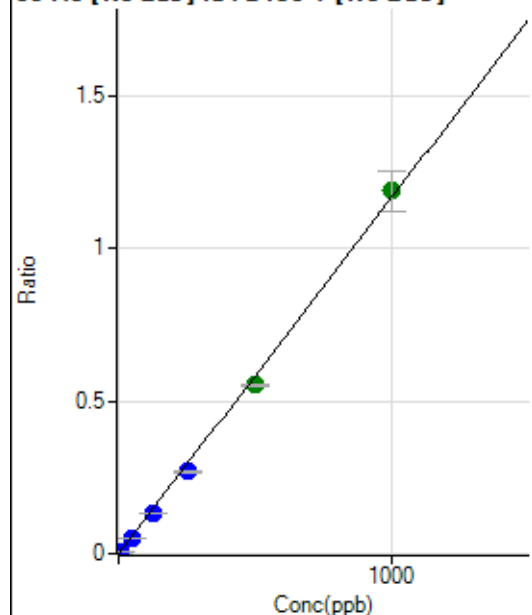
$$DL = 0.01828$$

$$BEC = 0.03851$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	15.4
2	☐	0.500					
3	☐	5.000	3.445	16354.94	0.0041	P	1.6
4	☐	50.000	45.548	216542.39	0.0532	P	0.9
5	☐	125.000	114.229	545007.64	0.1333	P	0.9
6	☐	250.000	230.306	1114791.79	0.2687	P	1.0
7	☐	500.000	474.180	2383344.24	0.5531	A	0.9
8	☐	1000.000	1019.410	4611747.41	1.1890	A	11.5
9	☐			17795.66	0.0043	P	2.9

$$y = 0.0012 * x + 4.0594E-005$$

$$R = 0.9993$$

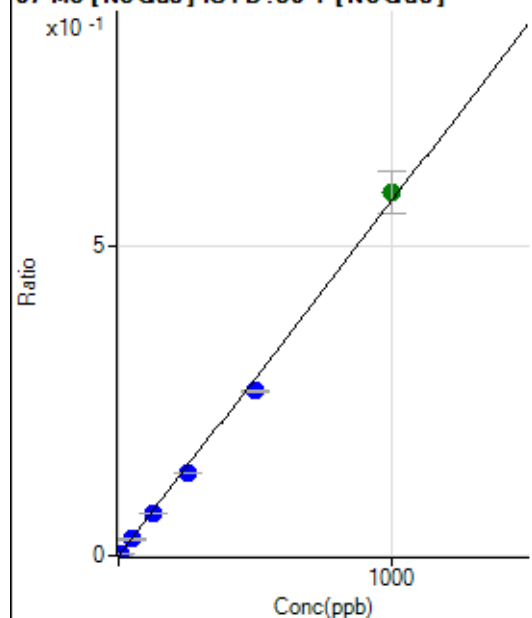
$$DL = 0.01613$$

$$BEC = 0.03481$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	32.6
2	☐	0.500					
3	☐	5.000	4.029	9431.46	0.0023	P	0.7
4	☐	50.000	46.173	107597.25	0.0264	P	0.8
5	☐	125.000	117.107	273762.37	0.0669	P	0.2
6	☐	250.000	233.515	553726.07	0.1334	P	1.0
7	☐	500.000	464.023	1142492.45	0.2651	P	0.6
8	☐	1000.000	1023.293	2267351.09	0.5846	A	11.7
9	☐			9295.21	0.0022	P	2.8

$$y = 5.7130E-004 * x + 3.8610E-005$$

$$R = 0.9989$$

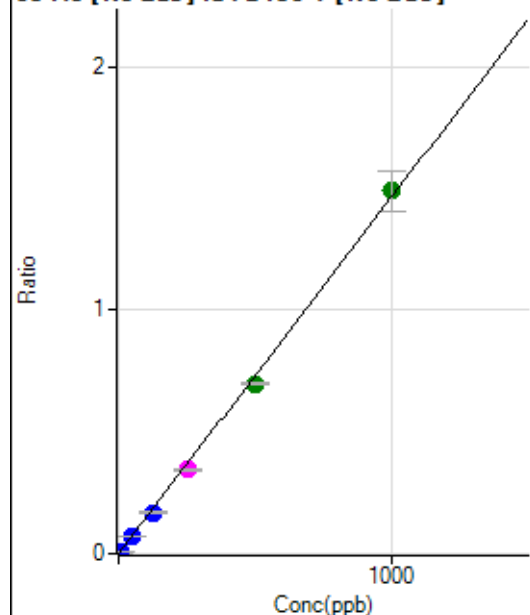
$$DL = 0.06605$$

$$BEC = 0.06758$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	26.5
2	☐	0.500					
3	☐	5.000	3.985	23719.05	0.0059	P	2.6
4	☐	50.000	46.226	276105.88	0.0678	P	0.4
5	☐	125.000	115.826	694350.63	0.1698	P	0.6
6	☐	250.000	235.371	1431595.40	0.3450	M	0.8
7	☐	500.000	474.843	2998772.44	0.6959	A	1.1
8	☐	1000.000	1017.576	5785104.56	1.4913	A	11.2
9	☐			23905.31	0.0058	P	2.6

$$y = 0.0015 * x + 4.6904E-005$$

$$R = 0.9994$$

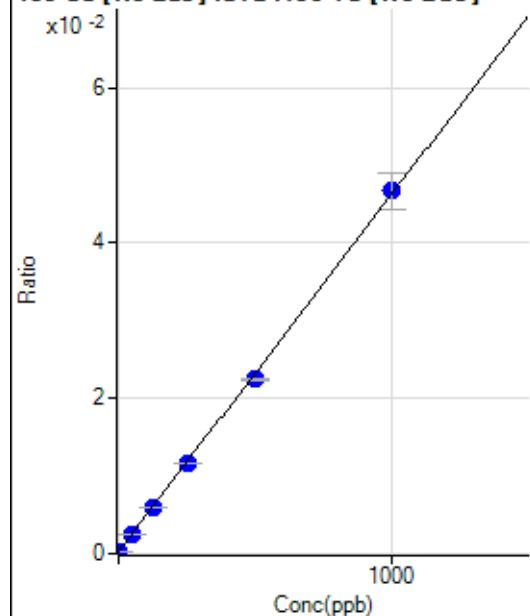
$$DL = 0.02544$$

$$BEC = 0.03201$$

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	1058.42	0.0003	P	4.2
2	☐	0.100					
3	☐	1.000	0.854	1208.46	0.0003	P	6.5
4	☐	50.000	49.089	9762.31	0.0025	P	2.0
5	☐	125.000	123.275	23084.50	0.0059	P	0.9
6	☐	250.000	245.861	45558.55	0.0116	P	1.1
7	☐	500.000	482.364	93719.50	0.0224	P	1.1
8	☐	1000.000	1010.114	178295.90	0.0467	P	10.0
9	☐			1094.54	0.0003	P	4.5

$$y = 4.5942E-005 * x + 2.7944E-004$$

$$R = 0.9998$$

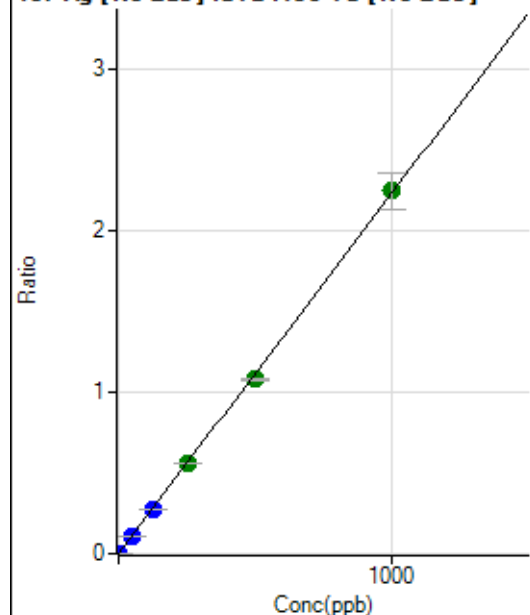
$$DL = 0.7679$$

$$BEC = 6.083$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	33.6
2	☐	0.100					
3	☐	1.000	1.227	10437.85	0.0028	P	1.4
4	☐	50.000	50.464	433857.80	0.1127	P	0.8
5	☐	125.000	124.688	1081166.75	0.2783	P	0.2
6	☐	250.000	252.512	2218476.48	0.5636	A	0.6
7	☐	500.000	483.908	4511195.59	1.0801	A	1.2
8	☐	1000.000	1007.434	8589095.16	2.2487	A	9.7
9	☐			1583.51	0.0004	P	8.3

$$y = 0.0022 * x + 1.3212E-005$$

$$R = 0.9998$$

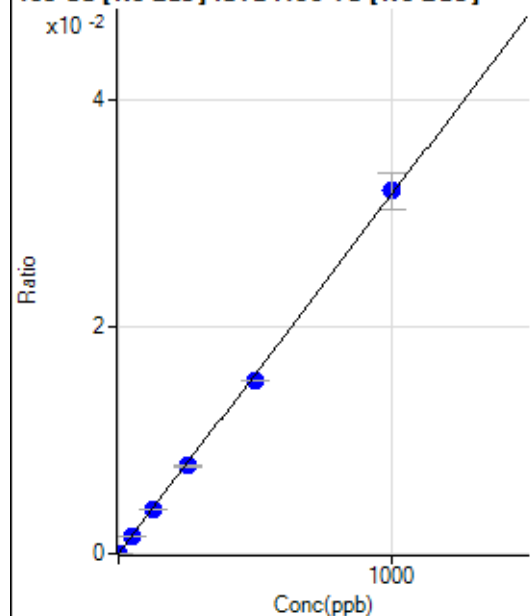
$$DL = 0.005968$$

$$BEC = 0.005919$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	94.9
2	☐	0.100					
3	☐	1.000	0.763	102.78	0.0000	P	3.3
4	☐	50.000	50.163	6132.08	0.0016	P	0.8
5	☐	125.000	124.993	15393.81	0.0040	P	0.6
6	☐	250.000	245.377	30608.65	0.0078	P	1.5
7	☐	500.000	481.273	63694.38	0.0153	P	0.5
8	☐	1000.000	1010.512	122292.56	0.0320	P	9.8
9	☐			31.95	0.0000	P	41.8

$$y = 3.1682E-005 * x + 2.9403E-006$$

$$R = 0.9997$$

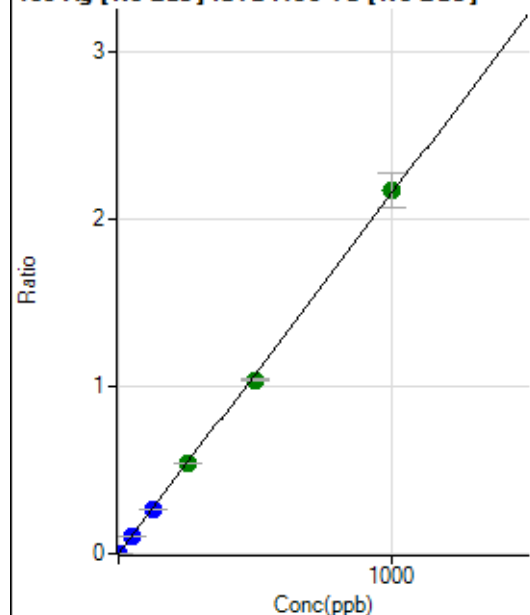
$$DL = 0.2642$$

$$BEC = 0.09281$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	48.3
2	☐	0.100					
3	☐	1.000	1.186	9698.33	0.0026	P	1.4
4	☐	50.000	49.396	408550.39	0.1061	P	1.2
5	☐	125.000	124.933	1042189.00	0.2683	P	0.8
6	☐	250.000	252.229	2131975.35	0.5417	A	0.6
7	☐	500.000	482.204	4324836.29	1.0355	A	0.7
8	☐	1000.000	1008.379	8271811.91	2.1655	A	9.6
9	☐			1355.69	0.0003	P	3.6

$$y = 0.0021 * x + 9.5535E-006$$

$$R = 0.9998$$

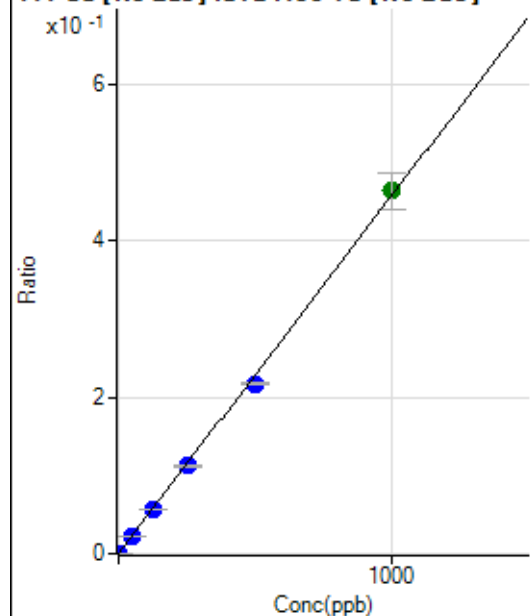
$$DL = 0.006451$$

$$BEC = 0.004449$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	760.90	0.0002	P	2.7
2	☐	0.100					
3	☐	1.000	0.865	2261.60	0.0006	P	4.0
4	☐	50.000	48.836	86776.37	0.0225	P	0.2
5	☐	125.000	122.984	219223.11	0.0564	P	0.9
6	☐	250.000	244.447	440732.59	0.1120	P	1.1
7	☐	500.000	475.288	908503.47	0.2175	P	0.7
8	☐	1000.000	1014.055	1771383.23	0.4639	A	10.2
9	☐			1124.39	0.0003	P	5.6

$$y = 4.5727E-004 * x + 2.0087E-004$$

$$R = 0.9995$$

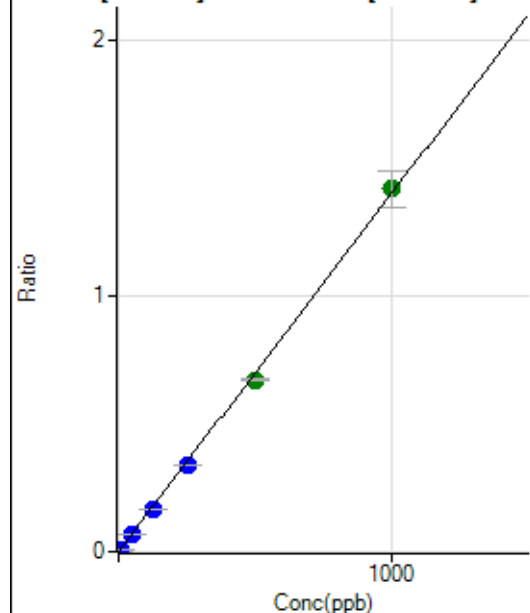
$$DL = 0.03519$$

$$BEC = 0.4393$$

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	627.82	0.0002	P	9.8
2	☐	0.500					
3	☐	5.000	4.168	22745.18	0.0060	P	2.8
4	☐	50.000	48.342	261003.17	0.0678	P	1.1
5	☐	125.000	119.782	651376.12	0.1677	P	1.0
6	☐	250.000	240.641	1325277.19	0.3367	P	1.2
7	☐	500.000	479.367	2800623.80	0.6706	A	0.8
8	☐	1000.000	1013.395	5413056.28	1.4175	A	10.1
9	☐			5790.41	0.0014	P	5.3

$$y = 0.0014 * x + 1.6581E-004$$

$$R = 0.9996$$

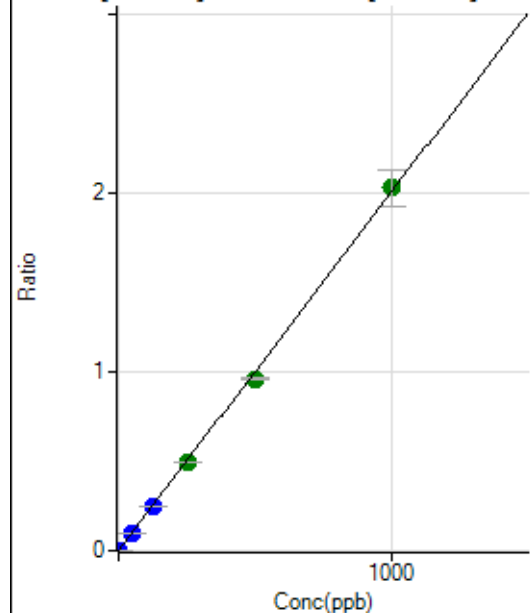
$$DL = 0.0347$$

$$BEC = 0.1186$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	13.1
2	☐	0.200					
3	☐	2.000	1.687	12862.33	0.0034	P	2.0
4	☐	50.000	48.861	377187.13	0.0979	P	1.2
5	☐	125.000	121.479	945833.40	0.2435	P	0.6
6	☐	250.000	247.215	1950220.36	0.4955	A	1.6
7	☐	500.000	479.660	4015267.54	0.9614	A	0.2
8	☐	1000.000	1011.364	7740099.65	2.0271	A	10.3
9	☐			16928.10	0.0042	P	4.6

$$y = 0.0020 * x + 1.0273E-005$$

$$R = 0.9997$$

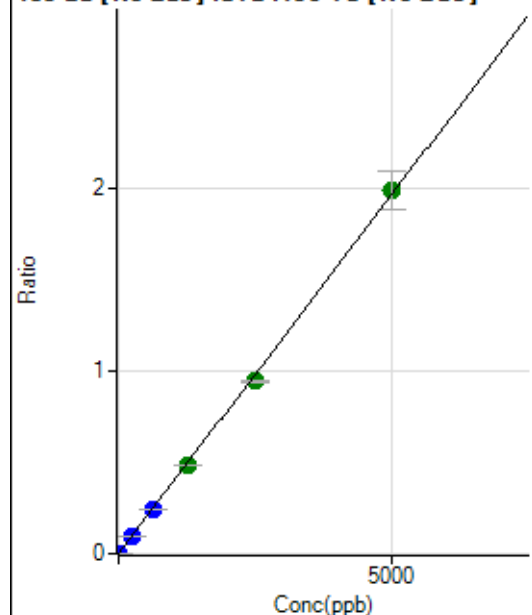
$$DL = 0.002021$$

$$BEC = 0.005125$$

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	102.79	0.0000	P	51.9
2	☐	1.000					
3	☐	10.000	8.421	12628.83	0.0033	P	1.3
4	☐	250.000	242.232	365886.43	0.0950	P	0.6
5	☐	625.000	606.594	924012.01	0.2379	P	0.3
6	☐	1250.000	1231.826	1901147.81	0.4830	A	1.0
7	☐	2500.000	2404.098	3937044.40	0.9427	A	0.9
8	☐	5000.000	5055.187	7566500.26	1.9822	A	10.8
9	☐			3764.59	0.0009	P	1.5

$$y = 3.9210E-004 * x + 2.7122E-005$$

$$R = 0.9997$$

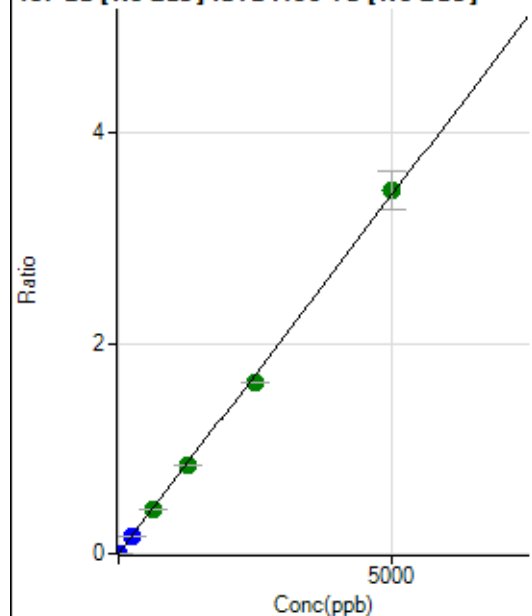
$$DL = 0.1078$$

$$BEC = 0.06917$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	29.0
2	☐	1.000					
3	☐	10.000	8.729	22717.70	0.0060	P	2.8
4	☐	250.000	241.259	633946.68	0.1646	P	0.5
5	☐	625.000	620.426	1644109.00	0.4233	A	1.0
6	☐	1250.000	1230.347	3303511.94	0.8393	A	1.3
7	☐	2500.000	2388.060	6803595.64	1.6291	A	1.1
8	☐	5000.000	5061.895	13183281.28	3.4531	A	10.5
9	☐			6613.06	0.0017	P	3.1

$$y = 6.8216E-004 * x + 3.2993E-005$$

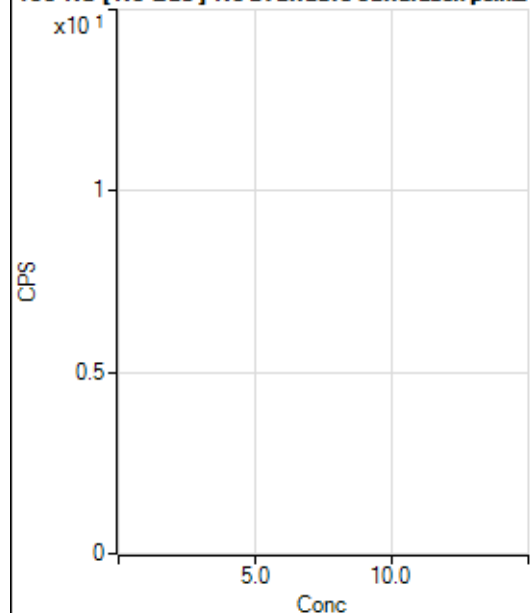
$$R = 0.9996$$

$$DL = 0.04202$$

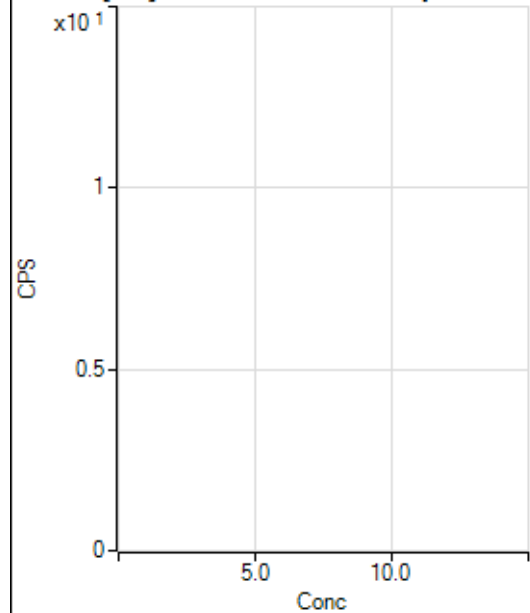
$$BEC = 0.04837$$

Weight: <None>

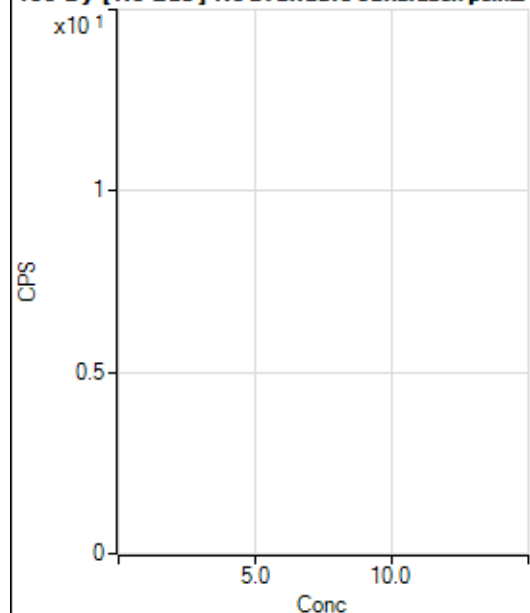
Min Conc: 0

150 Nd [No Gas] No available calibration points

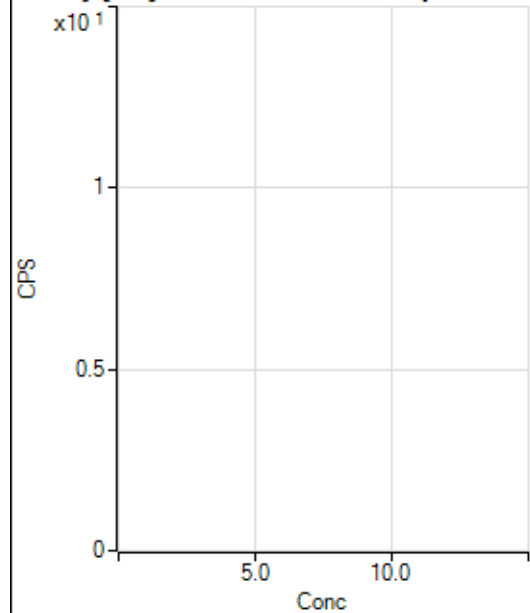
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			11.11		P	69.3
4	☐			17.78		P	21.7
5	☐			31.11		P	32.7
6	☐			77.78		P	4.9
7	☐			131.12		P	32.7
8	☐			235.56		P	8.6
9	☐			102.23		P	33.5

150 Nd [He] No available calibration points

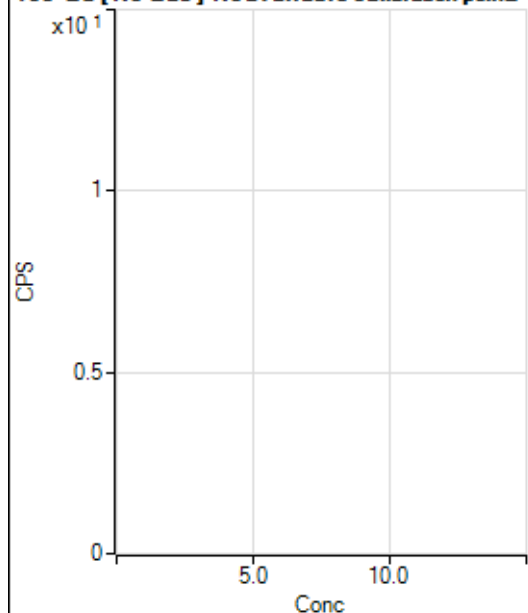
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			2.22		P	173.2
6	☐			3.33		P	173.2
7	☐			8.89		P	94.4
8	☐			5.55		P	69.3
9	☐			27.78		P	38.6

156 Dy [No Gas] No available calibration points

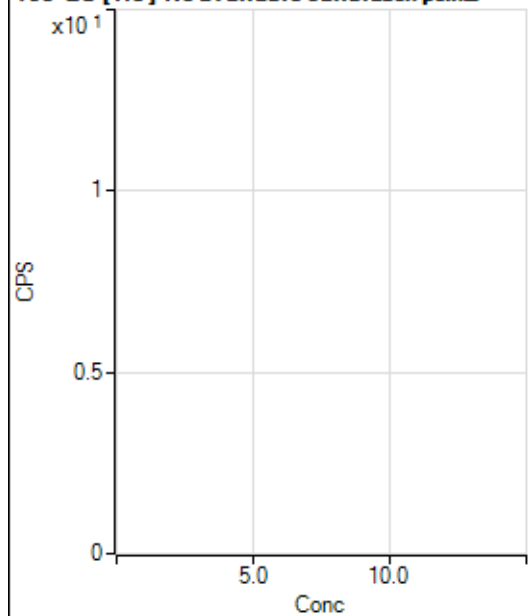
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	68.6
2	☐						
3	☐			19.45		P	24.7
4	☐			13.89		P	34.7
5	☐			27.78		P	62.5
6	☐			25.00		P	33.3
7	☐			55.56		P	8.7
8	☐			72.23		P	17.6
9	☐			91.67		P	18.2

156 Dy [He] No available calibration points

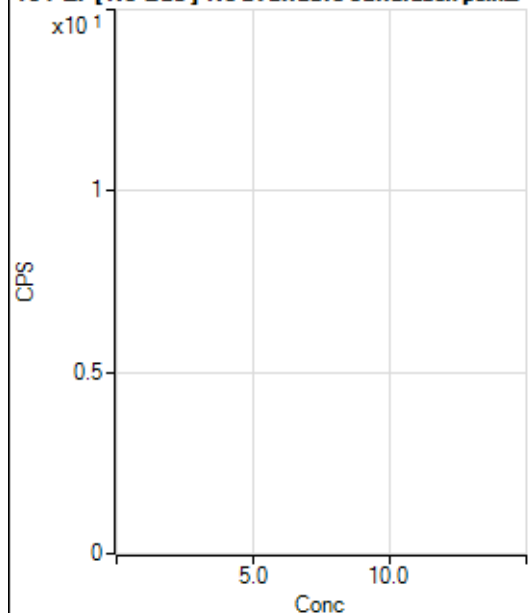
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			0.00		P	
6	☐			4.45		P	86.6
7	☐			3.33		P	0.0
8	☐			6.67		P	50.0
9	☐			23.33		P	51.5

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

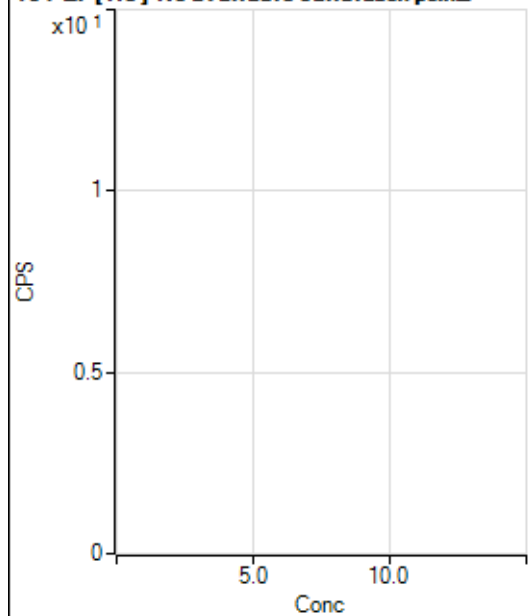
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	15.7
2	☐						
3	☐			41.67		P	34.6
4	☐			44.45		P	28.7
5	☐			44.45		P	28.7
6	☐			38.89		P	32.7
7	☐			36.11		P	35.2
8	☐			52.78		P	65.7
9	☐			88.89		P	23.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐						
3	☐			11.11		P	45.8
4	☐			12.22		P	31.5
5	☐			13.33		P	50.0
6	☐			11.11		P	45.8
7	☐			12.22		P	15.7
8	☐			6.66		P	86.6
9	☐			43.33		P	40.0

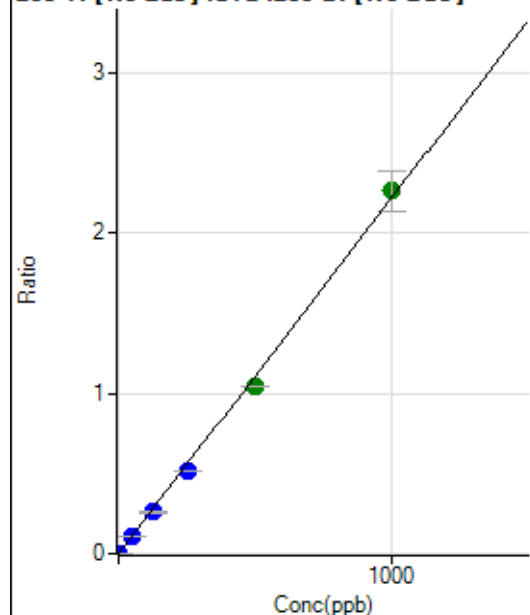
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	100.0
2	☐						
3	☐			30.56		P	41.7
4	☐			25.00		P	57.7
5	☐			27.78		P	17.3
6	☐			5.56		P	173.2
7	☐			25.00		P	57.7
8	☐			44.45		P	28.7
9	☐			63.89		P	15.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			4.45		P	86.6
4	☐			11.11		P	75.5
5	☐			8.89		P	108.3
6	☐			5.56		P	91.6
7	☐			10.00		P	33.3
8	☐			8.89		P	78.1
9	☐			17.78		P	21.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0001	P	9.9
2	☐	0.100					
3	☐	1.000	0.881	3992.50	0.0020	P	7.3
4	☐	50.000	46.465	210968.31	0.1031	P	1.0
5	☐	125.000	116.938	535602.44	0.2594	P	1.6
6	☐	250.000	231.720	1085959.05	0.5141	P	0.8
7	☐	500.000	470.633	2320186.81	1.0440	A	0.8
8	☐	1000.000	1020.438	4504578.01	2.2636	A	10.9
9	☐			1961.37	0.0010	P	6.3

$$y = 0.0022 * x + 5.4709E-005$$

$$R = 0.9992$$

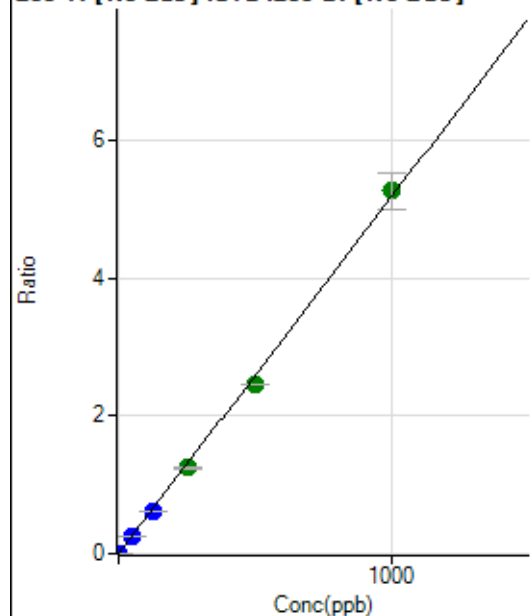
$$DL = 0.007332$$

$$BEC = 0.02466$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0001	P	25.1
2	☐	0.100					
3	☐	1.000	0.891	9345.54	0.0047	P	3.4
4	☐	50.000	47.436	502189.72	0.2455	P	0.9
5	☐	125.000	117.960	1259903.46	0.6103	P	1.0
6	☐	250.000	240.287	2625925.37	1.2431	A	1.6
7	☐	500.000	473.382	5442235.54	2.4488	A	0.5
8	☐	1000.000	1016.745	10472902.23	5.2596	A	9.9
9	☐			4653.85	0.0023	P	3.7

$$y = 0.0052 * x + 9.3043E-005$$

$$R = 0.9994$$

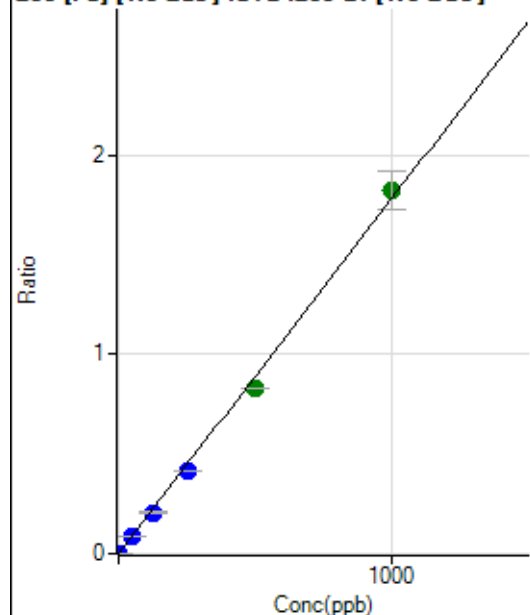
$$DL = 0.01357$$

$$BEC = 0.01799$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	298.16	0.0001	P	2.2
2	☐	0.100					
3	☐	1.000	0.940	3615.44	0.0018	P	5.2
4	☐	50.000	46.546	169695.64	0.0829	P	1.5
5	☐	125.000	116.246	427207.89	0.2069	P	1.5
6	☐	250.000	232.728	874906.77	0.4141	P	0.9
7	☐	500.000	466.057	1842839.59	0.8292	A	0.2
8	☐	1000.000	1022.556	3620573.06	1.8192	A	10.7
9	☐			8660.60	0.0043	P	2.0

$$y = 0.0018 * x + 1.4667E-004$$

$$R = 0.9990$$

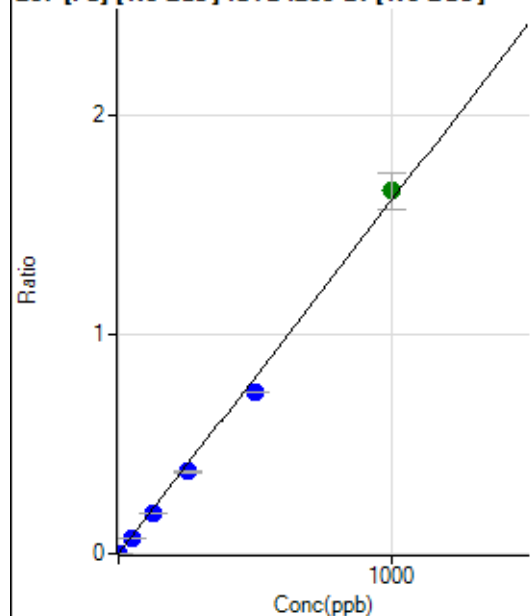
$$DL = 0.005456$$

$$BEC = 0.08245$$

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	285.20	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	0.898	3156.06	0.0016	P	4.7
4	☐	50.000	45.898	151557.03	0.0741	P	0.7
5	☐	125.000	115.955	385926.30	0.1869	P	0.7
6	☐	250.000	232.538	791650.02	0.3747	P	1.2
7	☐	500.000	457.415	1637868.67	0.7370	P	0.8
8	☐	1000.000	1026.994	3294577.50	1.6545	A	9.9
9	☐			7389.40	0.0037	P	1.8

$$y = 0.0016 * x + 1.4032E-004$$

$$R = 0.9985$$

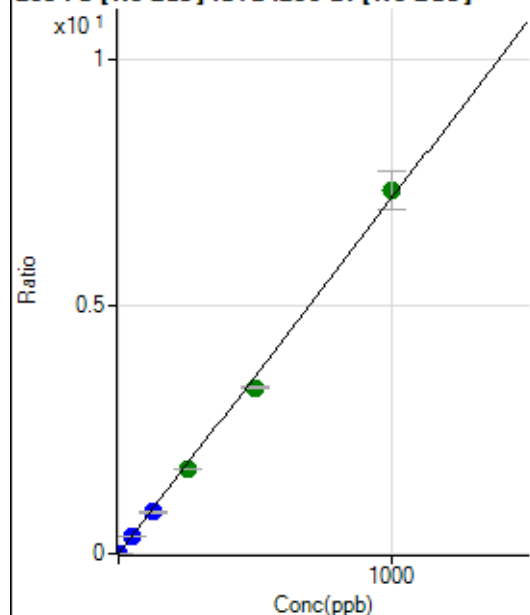
$$DL = 0.02611$$

$$BEC = 0.0871$$

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	1200.07	0.0006	P	3.5
2	☐	0.100					
3	☐	1.000	0.921	14325.82	0.0072	P	2.0
4	☐	50.000	46.355	682533.66	0.3336	P	0.4
5	☐	125.000	116.719	1732316.51	0.8391	P	1.0
6	☐	250.000	236.683	3593333.35	1.7009	A	0.9
7	☐	500.000	466.799	7454012.55	3.3541	A	0.8
8	☐	1000.000	1021.147	14604211.44	7.3366	A	10.4
9	☐			33751.77	0.0169	P	0.2

$$y = 0.0072 * x + 5.9016E-004$$

$$R = 0.9991$$

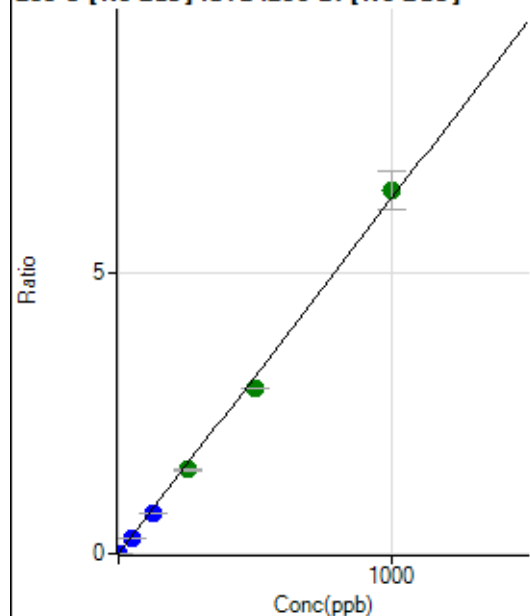
$$DL = 0.008535$$

$$BEC = 0.08215$$

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	461.14	0.0002	P	12.8
2	☐	0.100					
3	☐	1.000	0.791	10410.38	0.0052	P	6.1
4	☐	50.000	45.227	586379.81	0.2866	P	0.3
5	☐	125.000	114.596	1498590.78	0.7259	P	0.4
6	☐	250.000	235.630	3152542.63	1.4923	A	0.7
7	☐	500.000	467.315	6576684.70	2.9593	A	0.3
8	☐	1000.000	1021.474	12874463.48	6.4683	A	10.6
9	☐			2647.63	0.0013	P	7.8

$$y = 0.0063 * x + 2.2710E-004$$

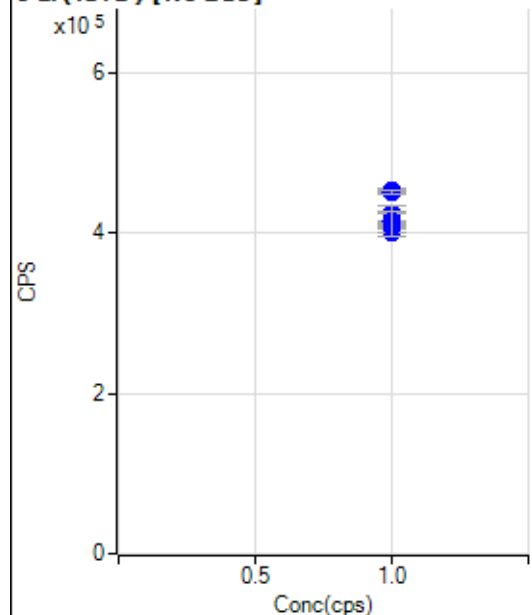
$$R = 0.9991$$

$$DL = 0.01378$$

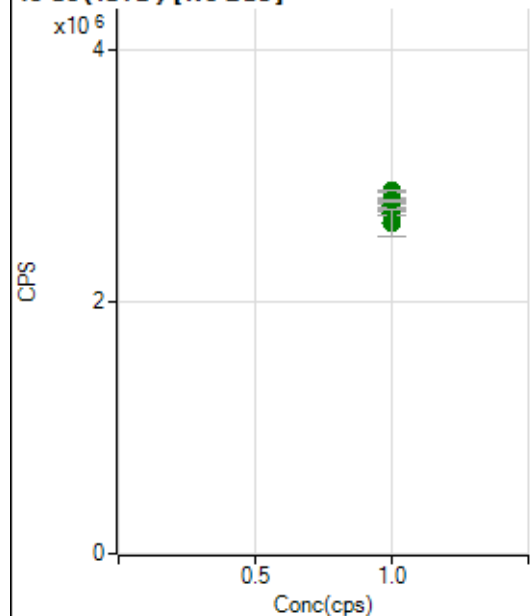
$$BEC = 0.03586$$

Weight: <None>

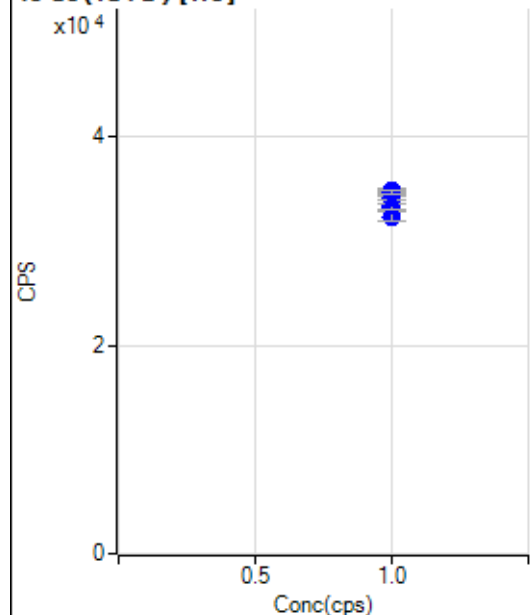
Min Conc: 0

6 Li (ISTD) [No Gas]

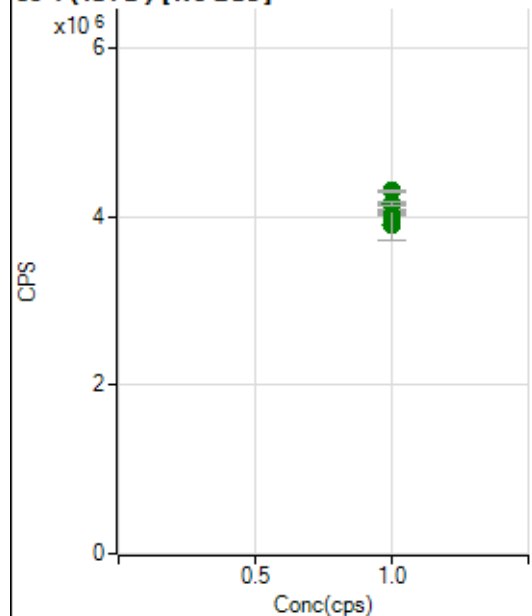
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		405805.53		P	0.7
2	☐	1.000					
3	☐	1.000		400528.64		P	0.5
4	☐	1.000		408925.94		P	0.6
5	☐	1.000		412931.64		P	0.6
6	☐	1.000		425556.10		P	0.4
7	☐	1.000		452557.52		P	1.0
8	☐	1.000		415950.28		P	9.2
9	☐	1.000		451751.87		P	1.2

45 Sc (ISTD) [No Gas]

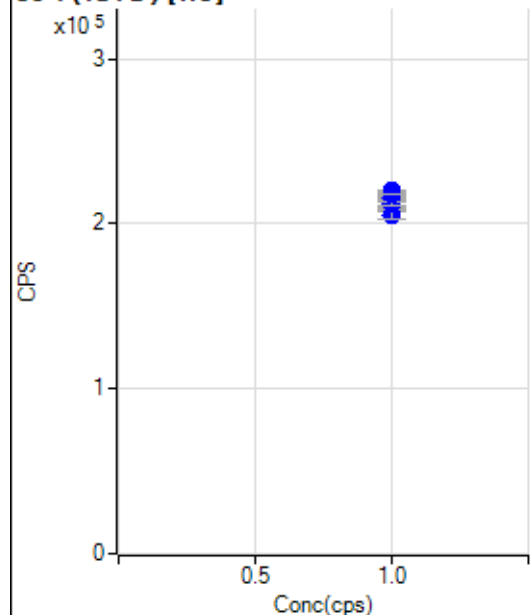
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2723561.58		A	1.0
2	☐	1.000					
3	☐	1.000		2702904.79		A	0.9
4	☐	1.000		2738182.96		A	0.5
5	☐	1.000		2760194.87		A	0.8
6	☐	1.000		2805361.54		A	1.1
7	☐	1.000		2877696.81		A	0.7
8	☐	1.000		2617286.39		A	8.1
9	☐	1.000		2801505.23		A	0.7

45 Sc (ISTD) [He]

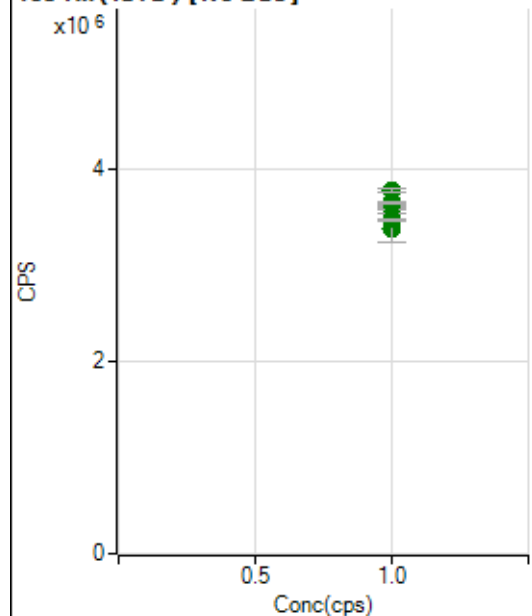
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		33274.08		P	1.3
2	☐	1.000					
3	☐	1.000		32340.72		P	2.7
4	☐	1.000		33298.47		P	1.4
5	☐	1.000		34094.78		P	0.9
6	☐	1.000		34176.12		P	1.6
7	☐	1.000		34791.97		P	0.9
8	☐	1.000		34100.36		P	0.9
9	☐	1.000		34665.07		P	0.7

89 Y (ISTD) [No Gas]

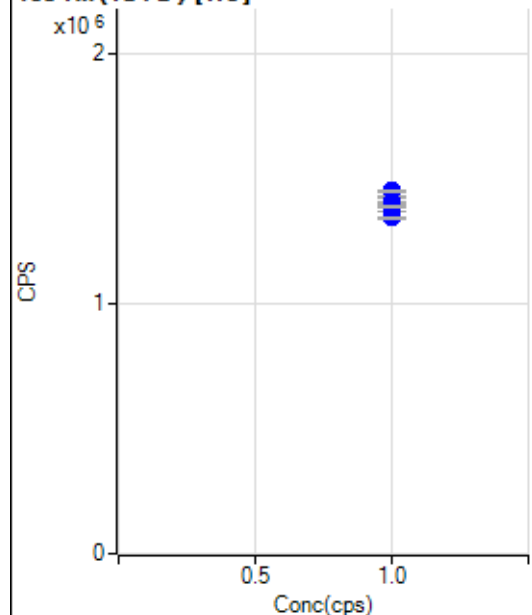
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4033386.85		A	1.1
2	☐	1.000					
3	☐	1.000		4029467.41		A	0.3
4	☐	1.000		4073005.35		A	0.4
5	☐	1.000		4089572.09		A	0.2
6	☐	1.000		4149657.26		A	0.9
7	☐	1.000		4309194.76		A	0.6
8	☐	1.000		3906457.86		A	9.3
9	☐	1.000		4146324.49		A	1.1

89 Y (ISTD) [He]

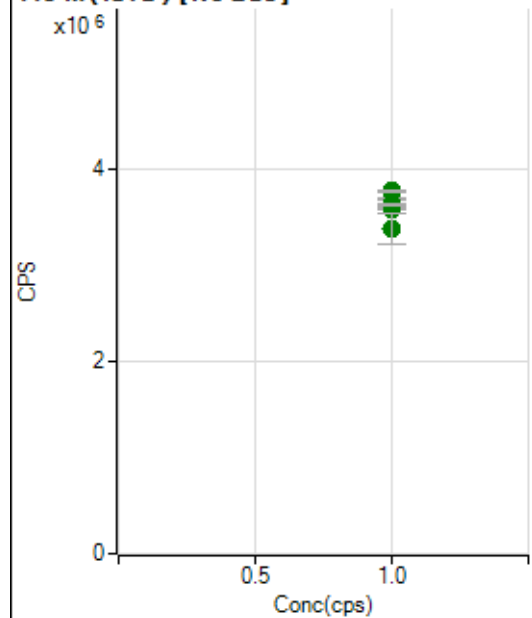
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		208545.20		P	0.8
2	☐	1.000					
3	☐	1.000		205521.32		P	2.5
4	☐	1.000		213391.40		P	0.6
5	☐	1.000		216132.67		P	0.6
6	☐	1.000		215410.62		P	1.0
7	☐	1.000		219806.75		P	0.5
8	☐	1.000		211893.59		P	0.9
9	☐	1.000		217567.00		P	0.1

103 Rh (ISTD) [No Gas]

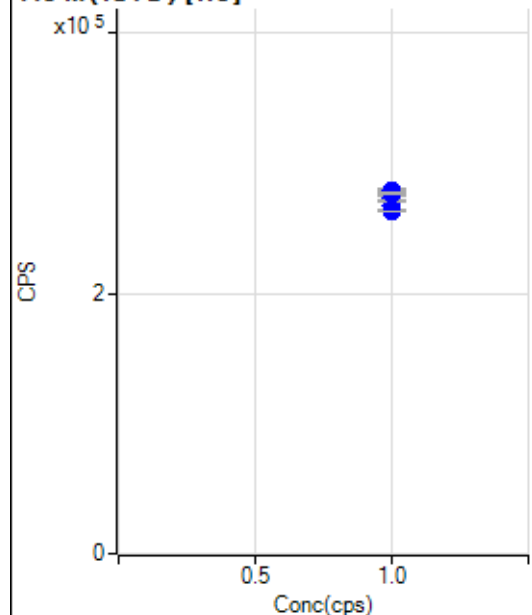
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3604014.19		A	1.0
2	☐	1.000					
3	☐	1.000		3588615.10		A	0.5
4	☐	1.000		3648527.25		A	0.1
5	☐	1.000		3627729.81		A	0.6
6	☐	1.000		3638123.39		A	0.5
7	☐	1.000		3766074.69		A	0.9
8	☐	1.000		3379320.15		A	8.7
9	☐	1.000		3465101.12		A	0.7

103 Rh (ISTD) [He]

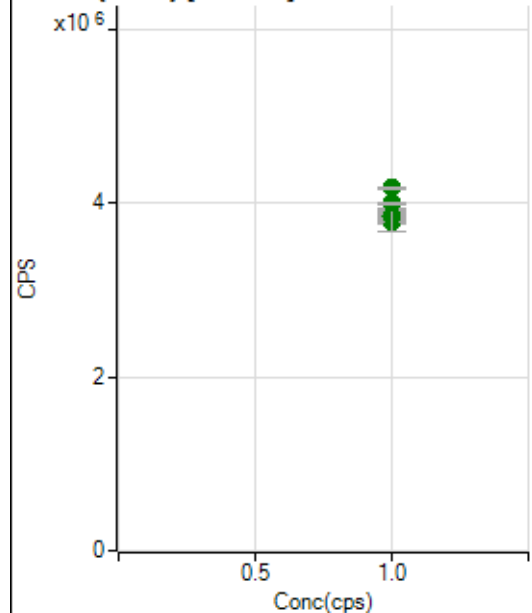
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1405059.35		P	0.6
2	☐	1.000					
3	☐	1.000		1384784.18		P	2.8
4	☐	1.000		1426955.01		P	0.4
5	☐	1.000		1426208.49		P	0.7
6	☐	1.000		1429816.87		P	0.3
7	☐	1.000		1450634.49		P	0.7
8	☐	1.000		1385886.37		P	0.5
9	☐	1.000		1343411.96		P	0.6

115 In (ISTD) [No Gas]

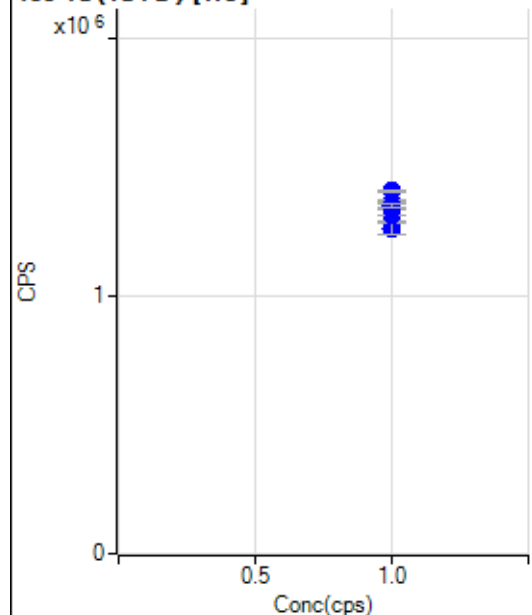
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3567263.15		A	1.7
2	☐	1.000					
3	☐	1.000		3580565.85		A	0.8
4	☐	1.000		3627606.05		A	0.6
5	☐	1.000		3615638.61		A	0.5
6	☐	1.000		3680697.54		A	0.4
7	☐	1.000		3764709.15		A	0.8
8	☐	1.000		3371019.23		A	9.2
9	☐	1.000		3625124.57		A	0.8

115 In (ISTD) [He]

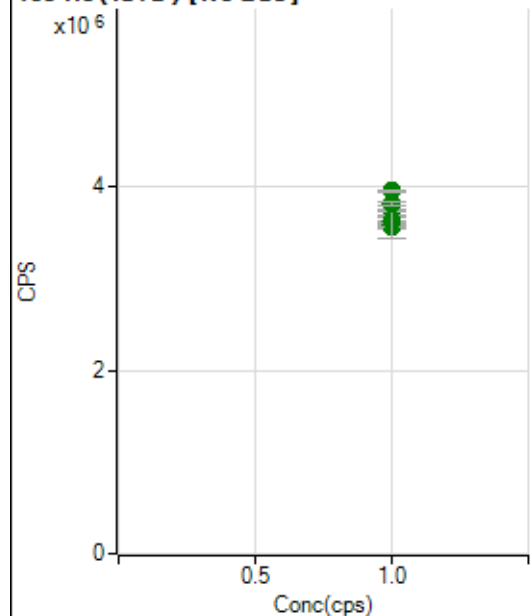
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		273526.80		P	0.9
2	☐	1.000					
3	☐	1.000		267744.96		P	2.5
4	☐	1.000		276018.16		P	0.3
5	☐	1.000		277977.20		P	0.5
6	☐	1.000		276732.81		P	0.9
7	☐	1.000		278840.43		P	1.1
8	☐	1.000		262655.83		P	0.1
9	☐	1.000		277344.13		P	0.3

159 Tb (ISTD) [No Gas]

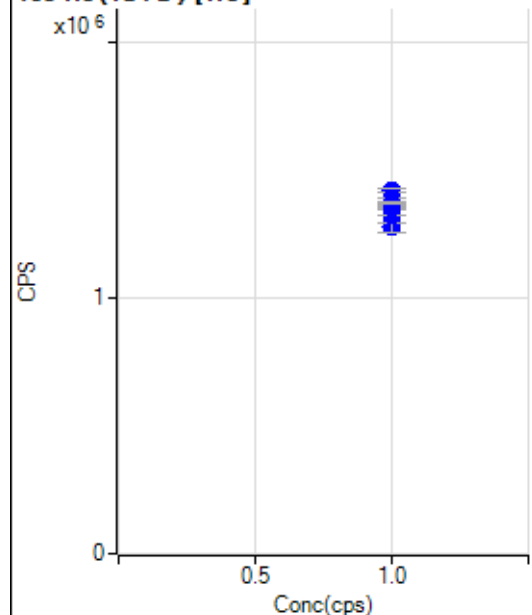
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3788481.20		A	1.0
2	☐	1.000					
3	☐	1.000		3793669.91		A	1.0
4	☐	1.000		3851201.54		A	0.6
5	☐	1.000		3884460.71		A	0.4
6	☐	1.000		3936055.04		A	0.7
7	☐	1.000		4176451.64		A	0.6
8	☐	1.000		3840982.93		A	8.6
9	☐	1.000		3997593.72		A	0.9

159 Tb (ISTD) [He]

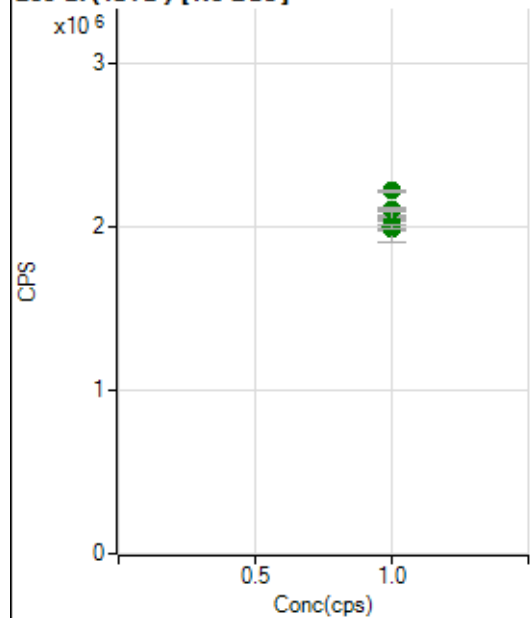
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1287096.29		P	0.6
2	☐	1.000					
3	☐	1.000		1263552.30		P	3.4
4	☐	1.000		1315985.95		P	0.4
5	☐	1.000		1338857.24		P	0.5
6	☐	1.000		1360483.21		P	0.2
7	☐	1.000		1409818.41		P	0.3
8	☐	1.000		1370002.98		P	0.4
9	☐	1.000		1351809.30		P	0.8

165 Ho (ISTD) [No Gas]

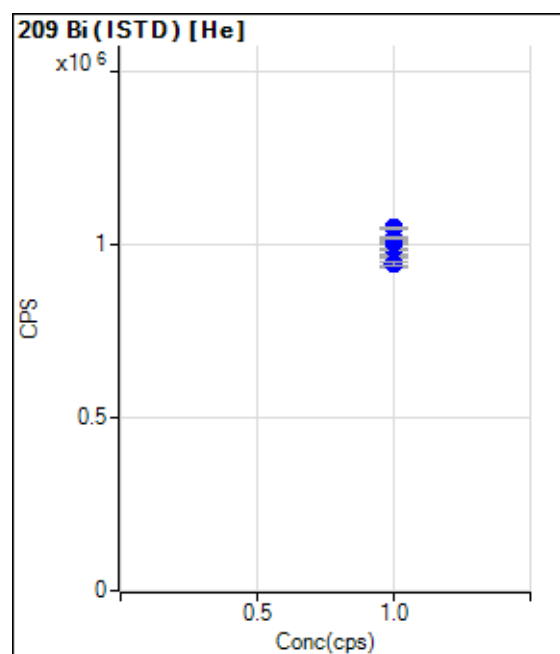
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3563811.84		A	1.2
2	☐	1.000					
3	☐	1.000		3579877.47		A	0.7
4	☐	1.000		3619010.46		A	0.2
5	☐	1.000		3672880.73		A	0.6
6	☐	1.000		3741232.59		A	0.5
7	☐	1.000		3951182.29		A	0.5
8	☐	1.000		3614468.74		A	9.4
9	☐	1.000		3811304.82		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1292660.59		P	0.3
2	☐	1.000					
3	☐	1.000		1275574.79		P	2.7
4	☐	1.000		1322300.47		P	0.4
5	☐	1.000		1349731.06		P	0.4
6	☐	1.000		1363224.91		P	0.6
7	☐	1.000		1417886.67		P	0.9
8	☐	1.000		1388794.86		P	0.3
9	☐	1.000		1369042.55		P	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2032838.02		A	1.3
2	☐	1.000					
3	☐	1.000		1988147.49		A	0.6
4	☐	1.000		2045935.39		A	0.9
5	☐	1.000		2064562.95		A	0.7
6	☐	1.000		2112610.87		A	0.7
7	☐	1.000		2222371.18		A	0.3
8	☐	1.000		2003638.69		A	9.4
9	☐	1.000		2001415.87		A	0.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		968608.39		P	0.4
2	☐	1.000					
3	☐	1.000		946056.07		P	2.7
4	☐	1.000		988303.14		P	0.6
5	☐	1.000		1003377.24		P	0.8
6	☐	1.000		1012087.51		P	0.6
7	☐	1.000		1048671.92		P	0.4
8	☐	1.000		1018170.54		P	0.4
9	☐	1.000		945709.66		P	1.1

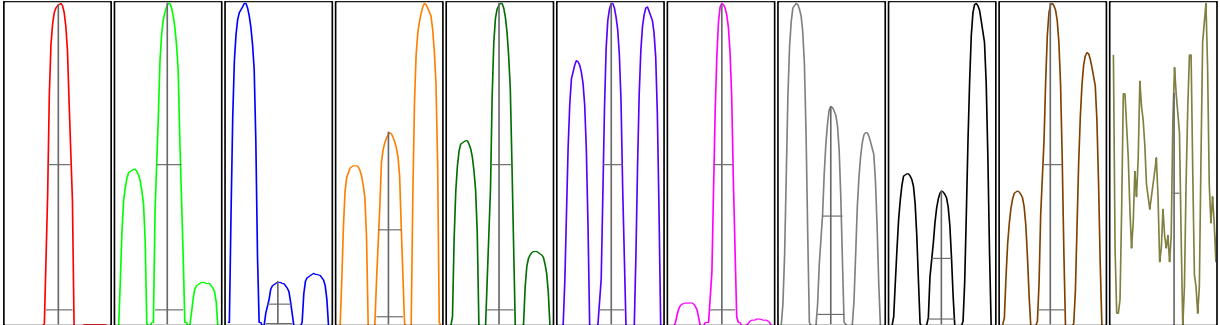
US EPA Tune Check Sample Report

Batch Folder D:\P8070717.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5969	1.39	5.00	
24	104584	0.66	5.00	
25	13877	0.90	5.00	
26	16367	1.17	5.00	
59	74266	1.64	5.00	
113	8870	1.20	5.00	
115	122433	1.24	5.00	
206	15833	1.60	5.00	
207	14083	1.61	5.00	
208	33865	2.28	5.00	
220	1	19.79		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6093	5970	5994	5908	5879
24	105084	105067	104738	104624	103406
25	14060	13780	13864	13930	13749
26	16619	16189	16429	16436	16161
59	75135	72336	74462	75427	73970
113	8990	8707	8924	8891	8838
115	123923	120495	124046	121894	121807
206	16115	15477	16032	15805	15736
207	14290	13801	14334	13943	14050
208	34200	32659	34767	33775	33922
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	9207	9.05	8.9 - 9.1		0.788	0.900	
24	159465	24.00	23.9 - 24.1		0.835	0.900	
25	21403	25.00	24.9 - 25.1		0.787	0.900	
26	25789	26.00	25.9 - 26.1		0.785	0.900	
59	121911	59.00	58.9 - 59.1		0.778	0.900	
113	16134	113.05	112.9 - 113.1		0.728	0.900	
115	219368	115.05	114.9 - 115.1		0.735	0.900	
206	28788	206.00	205.9 - 206.1		0.769	0.900	
207	25455	207.00	206.9 - 207.1		0.750	0.900	
208	61165	207.95	207.9 - 208.1		0.774	0.900	
220	1	220.35	-				

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	10.5	V	Deflect	13.8	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	13657	0.39	
89	1821	0.59	
205	13835	0.66	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	13737	13652	13591	13665	13640
89	1834	1811	1811	1830	1821
205	13946	13911	13819	13752	13746

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	10.5	V	Deflect	2.4	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:01:28	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.98	0.96	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.02	0.00	0.00	N/A	ppb
Barium	135-1	0.02	-0.04	0.03	0.00	N/A	ppb
Barium	137-1	0.01	-0.02	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	-0.21	0.25	0.00	N/A	ppb
Boron	11-1	-0.36	0.14	0.22	0.00	N/A	ppb
Cadmium	111-1	0.01	0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.15	0.14	-0.30	0.00	N/A	ppb
Cadmium	108-1	0.08	-0.09	0.01	0.00	N/A	ppb
Calcium	43-1	-2.54	-9.51	12.05	0.00	N/A	ppb
Calcium	44-1	1.00	2.92	-3.92	0.00	N/A	ppb
Chromium	52-2	0.09	-0.05	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.02	0.01	0.00	N/A	ppb
Copper	63-2	0.02	-0.04	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.04	-0.08	0.11	0.00	N/A	ppb
Iron	57-2	1.75	-1.69	-0.06	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.01	-0.21	0.20	0.00	N/A	ppb
Manganese	55-2	-0.01	-0.06	0.07	0.00	N/A	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:01:28	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	17.96	-18.40	17.88	5.81	360.83	ppb
Potassium	39-2	2.14	-0.93	-1.22	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	3.74	-1.87	-1.87	0.00	N/A	ppb
Selenium	78-2	-0.76	-0.30	1.06	0.00	N/A	ppb
Selenium	82-1	-1.19	0.46	0.73	0.00	N/A	ppb
Silicon	28-1	0.40	-1.18	0.78	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.76	-4.09	3.33	0.00	N/A	ppb
Strontium	86-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-100.57	-4.53	44.65	-20.15		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.00	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00	N/A	ppb
Vanadium	51-2	-0.02	0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	0.03	-0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:01:28	DataFile Name :	003CALB.d

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

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:08:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.33	18.03	21.95	16.77	35.24	ppb
Antimony	121-1	1.72	1.69	1.65	1.69	1.99	ppb
Arsenic	75-2	0.87	0.88	0.95	0.90	4.77	ppb
Barium	135-1	8.33	8.55	8.39	8.42	1.34	ppb
Barium	137-1	8.47	8.77	8.95	8.73	2.78	ppb
Beryllium	9-1	0.86	0.84	1.10	0.94	15.32	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	19.80	21.39	21.83	21.01	5.08	ppb
Boron	11-1	21.48	22.35	22.31	22.05	2.22	ppb
Cadmium	111-1	0.90	0.89	0.80	0.86	6.02	ppb
Cadmium	106-1	1.21	1.00	0.35	0.85	52.69	ppb
Cadmium	108-1	0.78	0.78	0.73	0.76	3.68	ppb
Calcium	43-1	419.36	440.38	458.98	439.57	4.51	ppb
Calcium	44-1	419.04	423.49	431.67	424.73	1.51	ppb
Chromium	52-2	1.93	2.19	2.02	2.05	6.23	ppb
Cobalt	59-2	0.98	1.00	0.92	0.97	4.62	ppb
Copper	63-2	2.31	2.47	2.36	2.38	3.26	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				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	45.78	49.54	47.06	47.46	4.02	ppb
Iron	57-2	47.75	51.25	46.97	48.66	4.68	ppb
Lead	206-1	1.00	0.89	0.93	0.94	5.70	ppb
Lead	207-1	0.90	0.94	0.85	0.90	5.18	ppb
Lead	208-1	0.93	0.90	0.94	0.92	2.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	450.99	482.64	468.33	467.32	3.39	ppb
Manganese	55-2	0.96	0.84	0.84	0.88	7.95	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:08:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.98	1.91	1.97	1.95	2.03	ppb
Molybdenum	95-1	4.16	4.12	3.94	4.07	2.87	ppb
Molybdenum	96-1	3.46	3.38	3.49	3.45	1.61	ppb
Molybdenum	97-1	4.04	4.05	4.00	4.03	0.75	ppb
Molybdenum	98-1	4.09	3.88	3.99	3.98	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	1.03	1.00	0.96	9.59	ppb
Phosphorus	31-2	5.86	-17.50	-5.80	-5.81		ppb
Potassium	39-2	472.31	509.70	488.05	490.02	3.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	-1.87	-1.87	6.55	0.94	518.97	ppb
Selenium	78-2	2.89	2.11	5.68	3.56	52.77	ppb
Selenium	82-1	4.69	5.05	6.49	5.41	17.58	ppb
Silicon	28-1	9.71	9.15	14.15	11.01	24.90	ppb
Silver	109-1	1.17	1.19	1.20	1.19	1.36	ppb
Silver	107-1	1.24	1.21	1.23	1.23	1.43	ppb
Sodium	23-2	467.98	491.46	481.37	480.27	2.45	ppb
Strontium	86-1	0.89	0.83	0.99	0.90	8.87	ppb
Strontium	88-1	0.85	0.87	0.84	0.85	1.51	ppb
Sulfur	34-1	0.88	-30.25	89.83	20.15	309.21	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.85	0.84	0.96	0.88	7.48	ppb
Thallium	205-1	0.88	0.87	0.93	0.89	3.52	ppb
Tin	118-1	4.04	4.28	4.18	4.17	2.85	ppb
Titanium	47-1	4.20	4.33	4.13	4.22	2.44	ppb
Uranium	238-1	0.85	0.76	0.76	0.79	6.42	ppb
Vanadium	51-2	4.25	4.89	4.76	4.63	7.27	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1.94	2.10	1.75	1.93	9.10	ppb
Zirconium	90-1	0.90	0.87	0.92	0.90	2.84	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:08:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.82	0.96	0.88	0.89	8.00	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:11:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	993.10	1031.53	1002.68	1009.10	1.98	ppb
Antimony	121-1	48.26	49.47	48.85	48.86	1.24	ppb
Arsenic	75-2	49.57	50.02	49.40	49.66	0.65	ppb
Barium	135-1	241.78	243.75	241.17	242.23	0.56	ppb
Barium	137-1	240.79	242.63	240.36	241.26	0.50	ppb
Beryllium	9-1	49.09	49.50	49.58	49.39	0.53	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	49.41	46.31	48.05	47.92	3.24	ppb
Boron	11-1	48.27	48.12	48.41	48.26	0.30	ppb
Cadmium	111-1	48.97	48.77	48.76	48.84	0.25	ppb
Cadmium	106-1	50.21	49.05	48.01	49.09	2.25	ppb
Cadmium	108-1	50.52	50.23	49.74	50.16	0.78	ppb
Calcium	43-1	4889.84	4883.04	4973.22	4915.37	1.02	ppb
Calcium	44-1	5101.88	5016.82	5053.77	5057.49	0.84	ppb
Chromium	52-2	51.84	52.39	52.96	52.40	1.07	ppb
Cobalt	59-2	51.61	51.40	52.98	51.99	1.65	ppb
Copper	63-2	104.61	104.49	107.42	105.51	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	2620.27	2636.47	2668.31	2641.68	0.93	ppb
Iron	57-2	2623.15	2580.43	2753.66	2652.41	3.40	ppb
Lead	206-1	46.09	46.19	47.36	46.55	1.52	ppb
Lead	207-1	46.28	45.66	45.75	45.90	0.73	ppb
Lead	208-1	46.49	46.13	46.45	46.36	0.43	ppb
Lithium	6-1				101		%
Magnesium	24-2	5180.44	5200.51	5394.15	5258.37	2.24	ppb
Manganese	55-2	104.45	104.67	107.07	105.40	1.38	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:11:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	45.68	44.75	45.22	45.22	1.02	ppb
Molybdenum	95-1	45.89	46.45	46.41	46.25	0.67	ppb
Molybdenum	96-1	45.94	45.09	45.61	45.55	0.95	ppb
Molybdenum	97-1	46.06	46.58	45.88	46.17	0.78	ppb
Molybdenum	98-1	46.08	46.20	46.40	46.23	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.65	53.55	54.44	53.54	1.68	ppb
Phosphorus	31-2	877.44	967.68	1046.89	964.01	8.79	ppb
Potassium	39-2	2483.94	2473.47	2582.69	2513.37	2.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	58.06	55.81	52.45	55.44	5.09	ppb
Selenium	78-2	42.99	50.55	49.09	47.54	8.43	ppb
Selenium	82-1	47.97	47.02	48.83	47.94	1.88	ppb
Silicon	28-1	60.56	60.30	62.79	61.22	2.24	ppb
Silver	109-1	48.99	49.15	50.05	49.40	1.16	ppb
Silver	107-1	50.67	49.98	50.74	50.46	0.83	ppb
Sodium	23-2	5081.15	5043.85	5304.58	5143.19	2.74	ppb
Strontium	86-1	46.08	47.57	46.85	46.83	1.58	ppb
Strontium	88-1	47.39	47.30	47.32	47.34	0.10	ppb
Sulfur	34-1	669.68	782.27	905.31	785.76	15.00	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	46.64	45.93	46.83	46.46	1.02	ppb
Thallium	205-1	47.58	46.97	47.75	47.44	0.86	ppb
Tin	118-1	47.72	48.78	48.52	48.34	1.14	ppb
Titanium	47-1	47.47	47.21	47.69	47.46	0.50	ppb
Uranium	238-1	45.33	45.05	45.29	45.23	0.33	ppb
Vanadium	51-2	50.41	51.55	52.27	51.41	1.82	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	103.98	107.33	107.48	106.26	1.87	ppb
Zirconium	90-1	44.84	44.81	45.05	44.90	0.29	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:11:46	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	44.54	44.32	43.95	44.27	0.67	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:15:17	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2383.99	2459.58	2452.97	2432.18	1.72	ppb
Antimony	121-1	122.20	120.76	121.47	121.48	0.60	ppb
Arsenic	75-2	124.77	123.84	127.04	125.22	1.32	ppb
Barium	135-1	604.90	608.02	606.86	606.59	0.26	ppb
Barium	137-1	626.46	621.09	613.73	620.43	1.03	ppb
Beryllium	9-1	123.18	123.69	121.42	122.76	0.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	120.74	116.63	121.11	119.49	2.08	ppb
Boron	11-1	115.28	121.66	118.78	118.58	2.69	ppb
Cadmium	111-1	124.16	122.76	122.04	122.98	0.88	ppb
Cadmium	106-1	124.46	123.30	122.07	123.28	0.97	ppb
Cadmium	108-1	125.74	125.02	124.22	124.99	0.61	ppb
Calcium	43-1	12296.15	12297.48	12324.58	12306.07	0.13	ppb
Calcium	44-1	12157.80	12245.70	12415.90	12273.14	1.07	ppb
Chromium	52-2	127.84	130.21	127.18	128.41	1.24	ppb
Cobalt	59-2	126.97	129.70	128.38	128.35	1.06	ppb
Copper	63-2	256.90	262.01	259.02	259.31	0.99	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				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	6326.43	6472.20	6426.10	6408.24	1.16	ppb
Iron	57-2	6330.08	6497.40	6442.45	6423.31	1.33	ppb
Lead	206-1	117.26	114.27	117.21	116.25	1.48	ppb
Lead	207-1	116.44	115.02	116.40	115.96	0.70	ppb
Lead	208-1	117.12	115.37	117.67	116.72	1.03	ppb
Lithium	6-1				102		%
Magnesium	24-2	12700.70	12999.30	12714.66	12804.89	1.32	ppb
Manganese	55-2	255.16	263.11	259.44	259.24	1.53	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:15:17	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	114.42	114.78	113.82	114.34	0.42	ppb
Molybdenum	95-1	116.70	117.72	115.38	116.60	1.01	ppb
Molybdenum	96-1	115.38	113.56	113.75	114.23	0.87	ppb
Molybdenum	97-1	116.81	117.17	117.34	117.11	0.23	ppb
Molybdenum	98-1	116.32	115.10	116.06	115.83	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.63	132.95	131.02	130.87	1.65	ppb
Phosphorus	31-2	2348.97	2472.63	2668.41	2496.67	6.45	ppb
Potassium	39-2	6178.26	6311.89	6278.50	6256.21	1.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	130.02	124.08	120.15	124.75	3.98	ppb
Selenium	78-2	121.42	123.08	131.22	125.24	4.19	ppb
Selenium	82-1	118.26	119.27	119.38	118.97	0.52	ppb
Silicon	28-1	154.80	153.52	156.48	154.94	0.96	ppb
Silver	109-1	125.48	125.50	123.81	124.93	0.78	ppb
Silver	107-1	124.42	124.68	124.96	124.69	0.21	ppb
Sodium	23-2	12733.60	13066.87	12901.48	12900.65	1.29	ppb
Strontium	86-1	118.64	116.22	116.91	117.26	1.06	ppb
Strontium	88-1	119.66	120.39	120.61	120.22	0.41	ppb
Sulfur	34-1	2187.59	2146.50	2146.43	2160.17	1.10	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	117.37	114.87	118.58	116.94	1.61	ppb
Thallium	205-1	118.45	116.64	118.79	117.96	0.98	ppb
Tin	118-1	119.44	121.08	118.83	119.78	0.97	ppb
Titanium	47-1	116.70	117.37	119.18	117.75	1.09	ppb
Uranium	238-1	114.17	114.64	114.98	114.60	0.35	ppb
Vanadium	51-2	124.10	129.45	128.48	127.34	2.24	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	256.62	267.05	258.70	260.79	2.12	ppb
Zirconium	90-1	114.31	115.63	114.11	114.68	0.72	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:15:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	111.86	113.79	112.31	112.65	0.89	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:18:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4987.50	4787.61	4896.69	4890.60	2.05	ppb
Antimony	121-1	248.63	242.79	250.23	247.22	1.58	ppb
Arsenic	75-2	255.50	248.47	252.71	252.23	1.40	ppb
Barium	135-1	1229.70	1220.81	1244.97	1231.83	0.99	ppb
Barium	137-1	1225.53	1217.70	1247.81	1230.35	1.27	ppb
Beryllium	9-1	241.12	243.13	244.57	242.94	0.71	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	238.35	247.34	239.15	241.62	2.06	ppb
Boron	11-1	240.55	241.64	242.83	241.68	0.47	ppb
Cadmium	111-1	244.62	241.70	247.02	244.45	1.09	ppb
Cadmium	106-1	243.44	245.39	248.75	245.86	1.09	ppb
Cadmium	108-1	246.98	241.26	247.89	245.38	1.46	ppb
Calcium	43-1	24094.67	24826.21	24348.76	24423.21	1.52	ppb
Calcium	44-1	24326.21	24842.64	24392.15	24520.34	1.15	ppb
Chromium	52-2	258.33	252.24	255.47	255.35	1.19	ppb
Cobalt	59-2	259.05	250.08	255.07	254.73	1.76	ppb
Copper	63-2	519.47	508.38	518.34	515.40	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				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	12892.64	12527.78	12783.42	12734.62	1.47	ppb
Iron	57-2	13081.04	12767.06	12819.14	12889.08	1.31	ppb
Lead	206-1	234.49	230.39	233.30	232.73	0.91	ppb
Lead	207-1	234.48	229.43	233.71	232.54	1.17	ppb
Lead	208-1	238.12	234.33	237.60	236.68	0.87	ppb
Lithium	6-1				105		%
Magnesium	24-2	26329.87	25625.92	25729.77	25895.19	1.47	ppb
Manganese	55-2	519.33	504.91	522.42	515.55	1.81	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:18:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	234.77	237.21	234.88	235.62	0.59	ppb
Molybdenum	95-1	232.08	236.60	235.27	234.65	0.99	ppb
Molybdenum	96-1	227.78	230.85	232.29	230.31	1.00	ppb
Molybdenum	97-1	231.06	235.58	233.91	233.52	0.98	ppb
Molybdenum	98-1	236.59	233.17	236.35	235.37	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.76	255.19	261.23	260.06	1.69	ppb
Phosphorus	31-2	5669.89	5197.31	5207.91	5358.37	5.04	ppb
Potassium	39-2	12494.48	12267.97	12416.19	12392.88	0.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	266.01	290.29	230.05	262.12	11.56	ppb
Selenium	78-2	245.16	255.32	245.40	248.63	2.33	ppb
Selenium	82-1	237.34	242.87	241.08	240.43	1.17	ppb
Silicon	28-1	245.38	250.09	245.73	247.07	1.06	ppb
Silver	109-1	252.24	250.67	253.78	252.23	0.61	ppb
Silver	107-1	253.14	250.71	253.68	252.51	0.63	ppb
Sodium	23-2	25816.22	25096.49	25187.08	25366.60	1.55	ppb
Strontium	86-1	232.04	234.89	237.30	234.74	1.12	ppb
Strontium	88-1	235.75	235.86	238.67	236.76	0.70	ppb
Sulfur	34-1	4207.91	4522.03	4628.43	4452.79	4.91	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	233.52	230.02	231.62	231.72	0.76	ppb
Thallium	205-1	244.49	237.21	239.16	240.29	1.57	ppb
Tin	118-1	240.24	238.02	243.66	240.64	1.18	ppb
Titanium	47-1	234.08	239.95	236.70	236.91	1.24	ppb
Uranium	238-1	235.60	233.88	237.41	235.63	0.75	ppb
Vanadium	51-2	255.90	251.39	254.38	253.89	0.90	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	522.59	508.38	521.05	517.34	1.51	ppb
Zirconium	90-1	232.68	231.97	232.99	232.55	0.22	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:18:45	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	224.56	229.41	228.96	227.64	1.18	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:22:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9692.42	9654.28	9731.67	9692.79	0.40	ppb
Antimony	121-1	479.12	480.74	479.11	479.66	0.20	ppb
Arsenic	75-2	502.45	499.07	499.95	500.49	0.35	ppb
Barium	135-1	2388.90	2427.96	2395.43	2404.10	0.87	ppb
Barium	137-1	2392.77	2410.59	2360.82	2388.06	1.06	ppb
Beryllium	9-1	478.40	482.20	472.67	477.76	1.00	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	466.25	478.41	476.75	473.80	1.39	ppb
Boron	11-1	461.14	475.60	475.42	470.72	1.76	ppb
Cadmium	111-1	476.60	477.95	471.31	475.29	0.74	ppb
Cadmium	106-1	480.18	488.30	478.61	482.36	1.08	ppb
Cadmium	108-1	481.20	478.84	483.78	481.27	0.51	ppb
Calcium	43-1	48739.97	48158.08	48806.77	48568.27	0.73	ppb
Calcium	44-1	48524.19	48464.53	48600.76	48529.83	0.14	ppb
Chromium	52-2	507.04	507.84	506.38	507.09	0.14	ppb
Cobalt	59-2	500.07	500.60	508.15	502.94	0.90	ppb
Copper	63-2	1038.81	1035.05	1029.15	1034.33	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	25285.60	25298.38	25506.81	25363.60	0.49	ppb
Iron	57-2	25648.89	25486.88	25844.50	25660.09	0.70	ppb
Lead	206-1	464.98	467.19	466.01	466.06	0.24	ppb
Lead	207-1	456.30	454.58	461.37	457.42	0.77	ppb
Lead	208-1	465.40	463.82	471.18	466.80	0.83	ppb
Lithium	6-1				112		%
Magnesium	24-2	50510.16	50843.45	51098.39	50817.33	0.58	ppb
Manganese	55-2	1014.64	1012.18	1025.33	1017.38	0.69	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:22:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	474.09	461.72	477.21	471.01	1.74	ppb
Molybdenum	95-1	472.94	466.33	475.96	471.75	1.04	ppb
Molybdenum	96-1	470.74	472.66	479.14	474.18	0.93	ppb
Molybdenum	97-1	467.38	461.60	463.09	464.02	0.65	ppb
Molybdenum	98-1	480.64	472.76	471.13	474.84	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.46	510.05	513.82	512.11	0.37	ppb
Phosphorus	31-2	10160.16	10448.51	9914.51	10174.39	2.63	ppb
Potassium	39-2	24361.69	24355.79	24468.20	24395.22	0.26	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	516.25	517.32	510.64	514.74	0.70	ppb
Selenium	78-2	526.55	488.15	521.91	512.20	4.09	ppb
Selenium	82-1	475.45	472.83	480.00	476.10	0.76	ppb
Silicon	28-1	479.07	469.18	482.11	476.79	1.42	ppb
Silver	109-1	480.56	486.23	479.82	482.20	0.73	ppb
Silver	107-1	479.97	490.31	481.44	483.91	1.16	ppb
Sodium	23-2	50061.35	49638.03	49912.73	49870.70	0.43	ppb
Strontium	86-1	468.66	466.76	468.41	467.94	0.22	ppb
Strontium	88-1	472.41	468.27	471.04	470.57	0.45	ppb
Sulfur	34-1	8914.66	8662.87	9236.93	8938.16	3.22	ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	468.97	474.97	467.95	470.63	0.81	ppb
Thallium	205-1	472.61	476.09	471.44	473.38	0.51	ppb
Tin	118-1	480.63	482.29	475.18	479.37	0.78	ppb
Titanium	47-1	474.76	472.31	479.82	475.63	0.81	ppb
Uranium	238-1	465.56	468.71	467.67	467.31	0.34	ppb
Vanadium	51-2	505.27	506.53	506.56	506.12	0.15	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	1016.18	1020.19	1035.22	1023.86	0.98	ppb
Zirconium	90-1	463.33	468.49	465.76	465.86	0.55	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:22:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	457.97	454.84	458.40	457.07	0.43	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:25:23	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18975.29	18995.75	18922.48	18964.50	0.20	ppb
Antimony	121-1	937.88	1130.93	965.28	1011.36	10.33	ppb
Arsenic	75-2	1002.33	1002.72	992.52	999.19	0.58	ppb
Barium	135-1	4695.84	5681.73	4787.98	5055.19	10.77	ppb
Barium	137-1	4701.66	5673.63	4810.40	5061.89	10.52	ppb
Beryllium	9-1	935.94	1137.36	966.28	1013.20	10.72	ppb
Bismuth	209-1				99		%
Bismuth	209-2				105		%
Boron	10-1	931.35	1147.56	969.35	1016.09	11.36	ppb
Boron	11-1	944.63	1140.89	967.53	1017.68	10.54	ppb
Cadmium	111-1	942.19	1132.95	967.02	1014.05	10.23	ppb
Cadmium	106-1	941.68	1126.56	962.10	1010.11	10.03	ppb
Cadmium	108-1	944.37	1124.06	963.11	1010.51	9.78	ppb
Calcium	43-1	98392.75	116025.02	102735.15	105717.64	8.69	ppb
Calcium	44-1	96990.32	114566.91	101159.89	104239.04	8.81	ppb
Chromium	52-2	984.08	1012.86	986.78	994.57	1.60	ppb
Cobalt	59-2	984.58	996.88	1009.03	996.83	1.23	ppb
Copper	63-2	1954.39	1996.81	1981.43	1977.54	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				107		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	49047.73	49708.19	49190.04	49315.32	0.70	ppb
Iron	57-2	49689.84	50682.61	49876.06	50082.84	1.05	ppb
Lead	206-1	947.97	1148.65	971.06	1022.56	10.74	ppb
Lead	207-1	958.33	1144.18	978.48	1026.99	9.93	ppb
Lead	208-1	949.00	1143.60	970.84	1021.15	10.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	97638.41	98348.99	97274.44	97753.95	0.56	ppb
Manganese	55-2	1974.27	1995.87	1987.85	1986.00	0.55	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:25:23	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	945.72	1149.51	963.81	1019.68	11.06	ppb
Molybdenum	95-1	940.18	1146.84	970.60	1019.21	10.95	ppb
Molybdenum	96-1	943.19	1153.96	961.08	1019.41	11.46	ppb
Molybdenum	97-1	939.41	1160.04	970.44	1023.29	11.67	ppb
Molybdenum	98-1	942.19	1148.61	961.94	1017.58	11.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	981.98	1000.73	988.85	990.52	0.96	ppb
Phosphorus	31-2	20705.52	20136.23	18634.52	19825.43	5.40	ppb
Potassium	39-2	48267.17	49345.39	47981.53	48531.36	1.48	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				102		%
Selenium	77-2	953.51	1010.90	1003.74	989.38	3.16	ppb
Selenium	78-2	1019.69	981.94	981.40	994.34	2.21	ppb
Selenium	82-1	940.58	1135.97	969.05	1015.20	10.40	ppb
Silicon	28-1	921.21	1116.43	986.44	1008.03	9.86	ppb
Silver	109-1	939.00	1119.26	966.87	1008.38	9.62	ppb
Silver	107-1	944.98	1120.57	956.75	1007.43	9.74	ppb
Sodium	23-2	95788.84	97066.82	95920.90	96258.85	0.73	ppb
Strontium	86-1	943.40	1139.49	980.01	1020.97	10.21	ppb
Strontium	88-1	942.09	1149.47	964.71	1018.76	11.17	ppb
Sulfur	34-1	18663.30	23498.30	20001.15	20720.92	12.05	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	947.66	1148.31	965.34	1020.44	10.89	ppb
Thallium	205-1	949.07	1132.90	968.26	1016.75	9.94	ppb
Tin	118-1	940.86	1130.17	969.15	1013.40	10.08	ppb
Titanium	47-1	946.28	1120.22	982.99	1016.49	9.02	ppb
Uranium	238-1	948.04	1145.79	970.60	1021.47	10.60	ppb
Vanadium	51-2	988.98	1003.96	993.89	995.61	0.77	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	1971.18	1995.90	1979.14	1982.07	0.64	ppb
Zirconium	90-1	948.01	1146.67	974.25	1022.98	10.55	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:25:23	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	948.33	1159.76	978.57	1028.88	11.11	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:28:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99209.39	100925.67	100599.62	100244.90	0.91	ppb
Antimony	121-1	2.19	2.00	2.14	2.11	4.59	ppb
Arsenic	75-2	0.46	0.57	0.41	0.48	16.86	ppb
Barium	135-1	2.37	2.33	2.30	2.33	1.53	ppb
Barium	137-1	2.43	2.29	2.41	2.38	3.13	ppb
Beryllium	9-1	0.13	0.20	0.17	0.17	20.36	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	36.47	36.03	33.39	35.30	4.72	ppb
Boron	11-1	36.21	35.55	32.27	34.68	6.09	ppb
Cadmium	111-1	0.14	0.19	0.20	0.18	19.76	ppb
Cadmium	106-1	-0.40	-0.10	0.13	-0.12		ppb
Cadmium	108-1	0.21	0.23	0.04	0.16	66.07	ppb
Calcium	43-1	500819.24	497702.83	498580.64	499034.24	0.32	ppb
Calcium	44-1	498185.93	500936.77	498862.39	499328.36	0.29	ppb
Chromium	52-2	23.82	24.08	24.19	24.03	0.78	ppb
Cobalt	59-2	1.61	1.60	1.70	1.64	3.29	ppb
Copper	63-2	3.71	3.60	3.60	3.63	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	248862.18	251540.14	249848.10	250083.47	0.54	ppb
Iron	57-2	248279.91	251462.66	249933.77	249892.11	0.64	ppb
Lead	206-1	2.32	2.41	2.33	2.35	2.10	ppb
Lead	207-1	2.18	2.18	2.25	2.20	1.90	ppb
Lead	208-1	2.26	2.27	2.27	2.27	0.16	ppb
Lithium	6-1				111		%
Magnesium	24-2	499283.11	500796.29	500858.24	500312.55	0.18	ppb
Manganese	55-2	7.88	8.61	8.13	8.20	4.53	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:28:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.38	1.48	1.46	1.44	3.78	ppb
Molybdenum	95-1	3.86	3.93	3.88	3.89	0.83	ppb
Molybdenum	96-1	3.76	3.62	3.56	3.65	2.88	ppb
Molybdenum	97-1	3.73	3.93	3.91	3.86	2.86	ppb
Molybdenum	98-1	3.93	3.79	3.99	3.90	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.73	14.37	14.62	14.57	1.24	ppb
Phosphorus	31-2	-7.29	4.46	-18.76	-7.20		ppb
Potassium	39-2	247343.32	253385.78	250348.77	250359.29	1.21	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	0.80	-1.87	-1.87	-0.98		ppb
Selenium	78-2	-0.32	0.56	-0.32	-0.03		ppb
Selenium	82-1	0.92	1.38	1.07	1.12	20.72	ppb
Silicon	28-1	5.22	6.69	4.34	5.42	21.92	ppb
Silver	109-1	0.15	0.16	0.15	0.15	3.72	ppb
Silver	107-1	0.16	0.19	0.16	0.17	8.59	ppb
Sodium	23-2	497341.59	502729.69	502122.93	500731.40	0.59	ppb
Strontium	86-1	33.11	32.73	32.46	32.77	0.99	ppb
Strontium	88-1	33.10	32.81	33.27	33.06	0.71	ppb
Sulfur	34-1	380.87	232.61	245.23	286.24	28.72	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.44	0.39	0.42	0.42	6.70	ppb
Thallium	205-1	0.45	0.43	0.42	0.43	3.89	ppb
Tin	118-1	0.90	0.98	0.87	0.92	5.96	ppb
Titanium	47-1	1.05	1.09	1.92	1.35	36.11	ppb
Uranium	238-1	0.18	0.18	0.15	0.17	9.41	ppb
Vanadium	51-2	0.51	0.43	0.52	0.49	9.97	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	17.42	17.62	16.92	17.32	2.10	ppb
Zirconium	90-1	0.20	0.20	0.21	0.20	3.64	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:28:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.18	0.24	0.22	15.54	ppb

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 12:31:57 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	459.10	500.08	502.78	487.32	5.02	ppb
Antimony	121-1	187.22	184.50	183.83	185.18	0.97	ppb
Arsenic	75-2	195.42	192.02	191.91	193.12	1.03	ppb
Barium	135-1	96.56	94.58	94.76	95.30	1.15	ppb
Barium	137-1	95.71	94.83	94.42	94.99	0.69	ppb
Beryllium	9-1	90.43	91.24	90.70	90.79	0.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	421.51	441.66	452.50	438.56	3.59	ppb
Boron	11-1	428.13	438.00	445.94	437.36	2.04	ppb
Cadmium	111-1	93.98	93.72	94.04	93.91	0.18	ppb
Cadmium	106-1	85.24	83.12	85.36	84.57	1.49	ppb
Cadmium	108-1	97.63	90.80	89.51	92.65	4.71	ppb
Calcium	43-1	1912.87	1902.81	1957.33	1924.34	1.51	ppb
Calcium	44-1	1932.53	1922.40	1918.17	1924.37	0.38	ppb
Chromium	52-2	99.09	98.21	97.71	98.34	0.71	ppb
Cobalt	59-2	102.28	101.72	101.19	101.73	0.53	ppb
Copper	63-2	103.74	101.71	102.70	102.72	0.99	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				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	1021.67	1007.66	1005.03	1011.45	0.88	ppb
Iron	57-2	1059.78	1021.24	1015.08	1032.03	2.35	ppb
Lead	206-1	185.99	182.34	184.91	184.42	1.02	ppb
Lead	207-1	178.10	173.25	177.04	176.13	1.45	ppb
Lead	208-1	182.58	178.86	181.72	181.05	1.07	ppb
Lithium	6-1				114		%
Magnesium	24-2	1226.56	1174.39	1204.23	1201.73	2.18	ppb
Manganese	55-2	104.52	101.67	101.65	102.61	1.61	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:31:57	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	147.66	146.01	147.20	146.96	0.58	ppb
Molybdenum	95-1	443.72	434.26	445.81	441.27	1.39	ppb
Molybdenum	96-1	372.08	373.35	374.16	373.20	0.28	ppb
Molybdenum	97-1	435.36	431.15	432.87	433.13	0.49	ppb
Molybdenum	98-1	438.68	438.64	445.45	440.92	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.40	102.45	102.04	103.30	1.77	ppb
Phosphorus	31-2	-30.15	-6.96	-7.04	-14.72		ppb
Potassium	39-2	2024.29	2061.92	2002.69	2029.63	1.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	166.53	185.55	209.70	187.26	11.55	ppb
Selenium	78-2	194.18	207.31	209.44	203.64	4.06	ppb
Selenium	82-1	191.21	185.92	187.44	188.19	1.45	ppb
Silicon	28-1	451.07	452.97	453.97	452.67	0.33	ppb
Silver	109-1	96.90	96.81	95.81	96.51	0.63	ppb
Silver	107-1	98.51	97.04	96.36	97.31	1.13	ppb
Sodium	23-2	2157.94	2107.68	2104.59	2123.40	1.41	ppb
Strontium	86-1	2.07	1.96	2.04	2.02	2.65	ppb
Strontium	88-1	2.12	2.11	2.15	2.13	0.77	ppb
Sulfur	34-1	189.71	-53.96	75.80	70.52	172.90	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	187.97	185.65	188.32	187.32	0.78	ppb
Thallium	205-1	194.89	190.06	192.34	192.43	1.26	ppb
Tin	118-1	465.73	458.06	448.48	457.42	1.89	ppb
Titanium	47-1	443.20	440.92	442.35	442.16	0.26	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	100.67	99.83	98.54	99.68	1.07	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	207.01	207.97	205.40	206.79	0.63	ppb
Zirconium	90-1	0.43	0.38	0.32	0.38	14.22	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:31:57	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.50	0.42	0.37	0.43	15.55	ppb

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 12:37:27 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.88	-2.82	-0.70		ppb
Antimony	121-1	0.02	0.02	0.03	0.03	28.27	ppb
Arsenic	75-2	-0.03	-0.03	-0.02	-0.03		ppb
Barium	135-1	-0.06	-0.04	-0.04	-0.05		ppb
Barium	137-1	-0.04	-0.04	-0.03	-0.03		ppb
Beryllium	9-1	0.04	0.00	0.01	0.02	170.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	13.72	14.53	13.72	13.99	3.36	ppb
Boron	11-1	14.88	13.40	14.17	14.15	5.23	ppb
Cadmium	111-1	-0.01	-0.07	-0.01	-0.03		ppb
Cadmium	106-1	-0.09	-0.81	-0.07	-0.32		ppb
Cadmium	108-1	0.04	0.04	-0.03	0.02	199.23	ppb
Calcium	43-1	19.45	11.39	12.77	14.53	29.64	ppb
Calcium	44-1	-6.65	-10.16	-2.34	-6.39		ppb
Chromium	52-2	-0.14	-0.18	-0.24	-0.19		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.28	-0.25	-0.21	-0.25		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	-0.25	-0.08	-0.01	-0.11		ppb
Iron	57-2	0.17	0.09	-0.23	0.01	2167.34	ppb
Lead	206-1	0.02	0.05	0.03	0.03	54.55	ppb
Lead	207-1	0.03	0.02	0.04	0.03	32.06	ppb
Lead	208-1	0.03	0.04	0.04	0.04	9.69	ppb
Lithium	6-1				111		%
Magnesium	24-2	0.85	2.04	0.89	1.26	53.90	ppb
Manganese	55-2	-0.11	-0.03	-0.06	-0.07		ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:37:27	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	97-1	-0.03	-0.05	-0.04	-0.04		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.04	0.00	-0.04		ppb
Phosphorus	31-2	-30.15	-18.35	-30.15	-26.22		ppb
Potassium	39-2	34.03	24.46	14.44	24.31	40.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	-1.87	-1.87	0.86	-0.96		ppb
Selenium	78-2	0.13	0.58	0.14	0.28	90.28	ppb
Selenium	82-1	-0.44	0.50	1.62	0.56	184.80	ppb
Silicon	28-1	-5.59	-5.72	-6.48	-5.93		ppb
Silver	109-1	0.01	0.02	0.02	0.02	24.79	ppb
Silver	107-1	0.01	0.01	0.02	0.01	39.05	ppb
Sodium	23-2	51.12	61.45	58.31	56.96	9.29	ppb
Strontium	86-1	-0.02	0.04	0.19	0.07	149.76	ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	100.84	229.52	212.23	180.86	38.62	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	0.00	0.00	137.59	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	34.20	ppb
Tin	118-1	0.09	0.13	0.12	0.11	18.58	ppb
Titanium	47-1	-0.06	-0.04	-0.05	-0.05		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.02	0.00	-0.02	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.12	0.20	0.15	0.16	26.82	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	78.56	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:37:27	DataFile Name :	013CCBE.d

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

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:40:38	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91894.33	92005.54	91409.38	91769.75	0.35	ppb
Antimony	121-1	1.07	1.13	1.12	1.11	3.06	ppb
Arsenic	75-2	0.28	0.23	0.30	0.27	12.84	ppb
Barium	135-1	1.46	1.40	1.39	1.41	2.67	ppb
Barium	137-1	1.39	1.45	1.43	1.42	1.94	ppb
Beryllium	9-1	0.28	0.27	0.27	0.27	2.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	15.89	14.85	14.39	15.04	5.14	ppb
Boron	11-1	13.86	12.93	14.26	13.68	5.00	ppb
Cadmium	111-1	0.20	0.24	0.19	0.21	14.10	ppb
Cadmium	106-1	-0.83	-0.40	-0.92	-0.72		ppb
Cadmium	108-1	6.29	6.69	6.09	6.36	4.82	ppb
Calcium	43-1	95052.81	95475.04	95321.20	95283.02	0.22	ppb
Calcium	44-1	94084.82	93217.19	94711.12	94004.38	0.80	ppb
Chromium	52-2	19.65	19.35	19.47	19.49	0.77	ppb
Cobalt	59-2	1.16	1.11	1.14	1.14	2.35	ppb
Copper	63-2	8.14	7.79	7.77	7.90	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	99379.40	98145.24	98197.18	98573.94	0.71	ppb
Iron	57-2	102647.46	101209.84	102293.22	102050.17	0.73	ppb
Lead	206-1	4.46	4.32	4.30	4.36	2.06	ppb
Lead	207-1	3.82	3.80	3.79	3.80	0.45	ppb
Lead	208-1	4.11	4.02	4.00	4.04	1.41	ppb
Lithium	6-1				107		%
Magnesium	24-2	99841.73	97757.34	97430.22	98343.10	1.33	ppb
Manganese	55-2	8.00	8.09	7.78	7.96	2.04	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:40:38	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	597.55	590.57	598.94	595.69	0.75	ppb
Molybdenum	95-1	1745.11	1746.45	1761.93	1751.16	0.53	ppb
Molybdenum	96-1	1487.18	1491.16	1494.10	1490.81	0.23	ppb
Molybdenum	97-1	1764.15	1761.95	1797.10	1774.40	1.11	ppb
Molybdenum	98-1	1773.51	1768.23	1791.93	1777.89	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.58	5.42	5.34	5.45	2.25	ppb
Phosphorus	31-2	102087.34	101226.36	101075.09	101462.93	0.54	ppb
Potassium	39-2	98348.32	97035.75	96632.94	97339.01	0.92	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	-1.87	-1.87	-1.87	-1.87		ppb
Selenium	78-2	0.60	0.14	0.59	0.44	58.98	ppb
Selenium	82-1	1.09	-0.60	0.20	0.23	369.13	ppb
Silicon	28-1	25.81	24.79	25.52	25.37	2.06	ppb
Silver	109-1	0.24	0.24	0.23	0.24	2.00	ppb
Silver	107-1	0.24	0.24	0.24	0.24	1.07	ppb
Sodium	23-2	98439.27	98483.23	97306.25	98076.25	0.68	ppb
Strontium	86-1	30.83	30.45	31.24	30.84	1.29	ppb
Strontium	88-1	31.23	31.16	31.53	31.30	0.62	ppb
Sulfur	34-1	73375.07	73043.29	73792.98	73403.78	0.51	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.14	0.12	0.12	15.53	ppb
Thallium	205-1	0.11	0.12	0.11	0.12	2.82	ppb
Tin	118-1	0.20	0.19	0.22	0.21	7.41	ppb
Titanium	47-1	1853.52	1828.88	1835.17	1839.19	0.70	ppb
Uranium	238-1	-0.01	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	0.10	0.15	0.17	0.14	25.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	12.90	13.20	13.15	13.08	1.22	ppb
Zirconium	90-1	0.14	0.13	0.14	0.13	1.17	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:40:38	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.15	0.10	0.12	17.81	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:43:45	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91932.55	89480.85	97961.65	93125.02	4.69	ppb
Antimony	121-1	19.61	19.41	19.29	19.44	0.81	ppb
Arsenic	75-2	19.72	18.98	20.62	19.77	4.17	ppb
Barium	135-1	20.85	20.57	20.23	20.55	1.50	ppb
Barium	137-1	20.70	20.10	20.19	20.33	1.58	ppb
Beryllium	9-1	18.66	19.61	20.05	19.44	3.64	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	53.81	49.60	53.13	52.18	4.33	ppb
Boron	11-1	52.35	54.39	53.64	53.46	1.93	ppb
Cadmium	111-1	18.14	18.40	18.67	18.40	1.45	ppb
Cadmium	106-1	14.76	16.24	16.89	15.96	6.85	ppb
Cadmium	108-1	23.69	22.56	20.93	22.39	6.18	ppb
Calcium	43-1	95760.78	96217.73	95861.54	95946.68	0.25	ppb
Calcium	44-1	94350.16	94145.76	94301.85	94265.92	0.11	ppb
Chromium	52-2	40.14	39.40	42.82	40.79	4.41	ppb
Cobalt	59-2	21.54	21.29	23.14	21.99	4.56	ppb
Copper	63-2	28.63	28.65	30.36	29.21	3.40	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				108		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	99638.72	98611.32	106184.21	101478.08	4.05	ppb
Iron	57-2	103166.55	101347.89	109774.57	104763.00	4.23	ppb
Lead	206-1	23.03	23.56	23.71	23.43	1.53	ppb
Lead	207-1	21.30	21.77	21.09	21.39	1.63	ppb
Lead	208-1	22.07	22.49	22.21	22.26	0.96	ppb
Lithium	6-1				101		%
Magnesium	24-2	99545.84	96350.89	104095.79	99997.51	3.89	ppb
Manganese	55-2	28.07	27.60	30.75	28.81	5.90	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:43:45	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	618.30	604.32	607.37	609.99	1.20	ppb
Molybdenum	95-1	1821.79	1801.96	1798.87	1807.54	0.69	ppb
Molybdenum	96-1	1526.84	1531.24	1523.53	1527.20	0.25	ppb
Molybdenum	97-1	1818.81	1821.26	1803.62	1814.57	0.53	ppb
Molybdenum	98-1	1849.88	1817.82	1787.68	1818.46	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.92	26.07	27.25	26.41	2.75	ppb
Phosphorus	31-2	102943.87	98733.40	107867.39	103181.55	4.43	ppb
Potassium	39-2	97259.61	96205.55	103906.47	99123.88	4.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	12.20	23.11	9.78	15.03	47.24	ppb
Selenium	78-2	19.53	14.71	22.16	18.80	20.11	ppb
Selenium	82-1	18.70	18.93	18.22	18.62	1.94	ppb
Silicon	28-1	80.71	77.68	75.40	77.93	3.42	ppb
Silver	109-1	18.00	17.71	18.20	17.97	1.39	ppb
Silver	107-1	18.03	17.83	18.05	17.97	0.68	ppb
Sodium	23-2	99352.75	96553.54	105166.12	100357.47	4.38	ppb
Strontium	86-1	32.02	30.76	31.33	31.37	2.00	ppb
Strontium	88-1	31.89	31.53	31.62	31.68	0.59	ppb
Sulfur	34-1	72437.50	72852.29	71979.77	72423.19	0.60	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	19.04	18.95	19.25	19.08	0.80	ppb
Thallium	205-1	19.39	19.73	19.28	19.47	1.20	ppb
Tin	118-1	40.77	40.08	40.24	40.36	0.89	ppb
Titanium	47-1	1872.57	1850.18	1853.41	1858.72	0.65	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	20.69	19.94	21.63	20.75	4.07	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	33.30	33.28	34.46	33.68	2.01	ppb
Zirconium	90-1	0.09	0.07	0.08	0.08	13.26	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:43:45	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.10	0.09	10.87	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:46:53	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48443.84	48341.03	48371.69	48385.52	0.11	ppb
Antimony	121-1	465.54	458.52	467.26	463.78	1.00	ppb
Arsenic	75-2	490.66	494.18	493.29	492.71	0.37	ppb
Barium	135-1	2382.51	2306.66	2332.05	2340.41	1.65	ppb
Barium	137-1	2338.44	2322.21	2315.54	2325.40	0.51	ppb
Beryllium	9-1	487.28	481.27	479.27	482.61	0.86	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	472.92	478.90	482.21	478.01	0.99	ppb
Boron	11-1	483.28	484.53	487.14	484.98	0.41	ppb
Cadmium	111-1	449.31	446.42	455.07	450.27	0.98	ppb
Cadmium	106-1	462.68	458.36	467.47	462.84	0.98	ppb
Cadmium	108-1	455.58	452.69	463.12	457.13	1.18	ppb
Calcium	43-1	236592.73	234166.03	236355.28	235704.68	0.57	ppb
Calcium	44-1	239086.15	236782.14	236999.45	237622.58	0.54	ppb
Chromium	52-2	499.57	503.48	500.61	501.22	0.40	ppb
Cobalt	59-2	477.65	479.65	477.03	478.11	0.29	ppb
Copper	63-2	975.41	970.26	957.88	967.85	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	118548.56	117779.00	116471.82	117599.79	0.89	ppb
Iron	57-2	121716.33	120957.93	119654.29	120776.18	0.86	ppb
Lead	206-1	471.10	457.09	462.75	463.65	1.52	ppb
Lead	207-1	466.83	459.10	459.42	461.78	0.95	ppb
Lead	208-1	477.76	466.36	469.12	471.08	1.26	ppb
Lithium	6-1				102		%
Magnesium	24-2	239156.15	241462.82	240560.38	240393.12	0.48	ppb
Manganese	55-2	989.00	987.22	977.64	984.62	0.62	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:46:53	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	468.23	462.05	475.73	468.67	1.46	ppb
Molybdenum	95-1	467.92	463.08	469.40	466.80	0.71	ppb
Molybdenum	96-1	462.75	462.69	472.86	466.10	1.26	ppb
Molybdenum	97-1	451.11	451.24	460.72	454.35	1.21	ppb
Molybdenum	98-1	472.15	464.35	468.45	468.31	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.95	485.09	481.25	485.76	1.01	ppb
Phosphorus	31-2	9807.04	10031.85	9516.90	9785.26	2.64	ppb
Potassium	39-2	118486.61	120564.90	120226.66	119759.39	0.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	530.62	447.16	435.11	470.96	11.05	ppb
Selenium	78-2	482.32	492.81	487.83	487.65	1.08	ppb
Selenium	82-1	459.09	453.16	464.19	458.81	1.20	ppb
Silicon	28-1	502.87	493.71	505.45	500.68	1.23	ppb
Silver	109-1	456.29	452.39	466.20	458.29	1.55	ppb
Silver	107-1	460.64	457.19	462.31	460.05	0.57	ppb
Sodium	23-2	240946.38	239560.63	239243.37	239916.79	0.38	ppb
Strontium	86-1	464.00	471.10	474.17	469.76	1.11	ppb
Strontium	88-1	468.59	472.30	480.23	473.71	1.26	ppb
Sulfur	34-1	8895.32	8584.53	8966.77	8815.54	2.31	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	475.34	470.74	472.95	473.01	0.49	ppb
Thallium	205-1	487.88	475.18	473.99	479.02	1.61	ppb
Tin	118-1	466.19	461.35	468.60	465.38	0.79	ppb
Titanium	47-1	469.89	465.50	469.27	468.22	0.51	ppb
Uranium	238-1	489.47	470.32	474.40	478.06	2.11	ppb
Vanadium	51-2	498.38	498.82	491.07	496.09	0.88	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	958.27	959.59	961.43	959.76	0.17	ppb
Zirconium	90-1	462.87	463.30	471.03	465.73	0.99	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:46:53	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	457.90	453.95	465.33	459.06	1.26	ppb

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : CCB054 Instrumnet Name : P8
 Client Sample ID : CCB054 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 12:49:55 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.88	-1.91	-0.98	-0.67		ppb
Antimony	121-1	0.08	0.08	0.07	0.08	12.13	ppb
Arsenic	75-2	-0.05	-0.04	-0.03	-0.04		ppb
Barium	135-1	-0.01	0.01	0.00	0.00	1175.80	ppb
Barium	137-1	0.03	0.03	0.04	0.03	25.64	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	6.34	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	13.83	14.88	12.22	13.64	9.83	ppb
Boron	11-1	14.97	14.17	13.03	14.06	6.96	ppb
Cadmium	111-1	-0.09	-0.04	-0.14	-0.09		ppb
Cadmium	106-1	-1.35	-0.58	-2.02	-1.32		ppb
Cadmium	108-1	-0.06	0.17	-0.09	0.01	2347.55	ppb
Calcium	43-1	33.55	9.10	7.25	16.63	88.26	ppb
Calcium	44-1	6.75	5.20	6.88	6.28	14.94	ppb
Chromium	52-2	-0.04	-0.16	-0.12	-0.11		ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	-0.18	-0.18	-0.13	-0.16		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	2.98	2.03	1.66	2.22	30.60	ppb
Iron	57-2	2.60	0.03	1.80	1.48	88.91	ppb
Lead	206-1	0.05	0.07	0.07	0.06	15.80	ppb
Lead	207-1	0.09	0.04	0.02	0.05	69.45	ppb
Lead	208-1	0.06	0.06	0.05	0.06	9.37	ppb
Lithium	6-1				105		%
Magnesium	24-2	4.48	3.87	6.12	4.82	24.17	ppb
Manganese	55-2	0.05	-0.10	0.00	-0.02		ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P8
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:49:55	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.02	0.03	35.26	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	25.78	ppb
Molybdenum	97-1	0.01	0.01	-0.02	0.00		ppb
Molybdenum	98-1	0.01	0.01	-0.01	0.00	257.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-18.35	-30.15	5.05	-14.48		ppb
Potassium	39-2	49.12	35.52	36.66	40.43	18.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	3.63	-1.87	-1.87	-0.03		ppb
Selenium	78-2	-0.31	0.61	0.14	0.15	309.99	ppb
Selenium	82-1	0.21	0.23	1.08	0.51	98.21	ppb
Silicon	28-1	-6.81	-8.89	-7.99	-7.90		ppb
Silver	109-1	0.06	0.04	0.04	0.05	22.75	ppb
Silver	107-1	0.05	0.06	0.05	0.05	10.41	ppb
Sodium	23-2	114.64	110.30	100.96	108.63	6.43	ppb
Strontium	86-1	0.09	0.00	-0.07	0.01	1405.88	ppb
Strontium	88-1	0.02	0.01	0.01	0.02	46.25	ppb
Sulfur	34-1	-325.91	-412.95	-313.27	-350.71		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.07	0.06	0.06	16.38	ppb
Thallium	205-1	0.08	0.08	0.06	0.07	18.51	ppb
Tin	118-1	1.00	0.09	0.11	0.40	129.07	ppb
Titanium	47-1	-0.06	0.00	-0.07	-0.04		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.02	0.00	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.17	0.18	0.15	0.17	8.65	ppb
Zirconium	90-1	0.05	0.06	0.03	0.05	29.54	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P8
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:49:55	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.06	0.05	27.07	ppb

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : PB100477BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 12:53:07 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.81	-0.95	-2.80	-0.98		ppb
Antimony	121-1	0.03	0.02	0.02	0.02	18.93	ppb
Arsenic	75-2	-0.04	-0.04	-0.07	-0.05		ppb
Barium	135-1	-0.04	-0.07	-0.06	-0.06		ppb
Barium	137-1	-0.03	-0.03	-0.03	-0.03		ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	63.02	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	8.21	8.98	6.99	8.06	12.41	ppb
Boron	11-1	8.32	7.52	7.61	7.81	5.58	ppb
Cadmium	111-1	-0.04	-0.05	-0.15	-0.08		ppb
Cadmium	106-1	-0.30	-0.57	-1.94	-0.94		ppb
Cadmium	108-1	0.11	-0.03	0.08	0.05	132.26	ppb
Calcium	43-1	38.18	14.32	9.42	20.64	74.55	ppb
Calcium	44-1	-4.77	-5.37	-1.03	-3.72		ppb
Chromium	52-2	-0.21	-0.22	-0.21	-0.21		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.13	-0.16	-0.14	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	0.35	0.25	0.07	0.22	65.42	ppb
Iron	57-2	1.24	-1.39	1.45	0.43	364.95	ppb
Lead	206-1	0.00	0.01	0.00	0.00	55.75	ppb
Lead	207-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	208-1	0.01	0.00	0.00	0.00	288.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.44	1.31	2.67	1.80	41.55	ppb
Manganese	55-2	0.01	-0.09	-0.09	-0.06		ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	PB100477BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:53:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.00	72.60	ppb
Molybdenum	95-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	-0.02	-0.03	-0.02	-0.02		ppb
Molybdenum	97-1	-0.04	-0.03	-0.03	-0.03		ppb
Molybdenum	98-1	-0.03	-0.02	-0.03	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.02	-0.06	-0.05		ppb
Phosphorus	31-2	4.77	-30.15	5.76	-6.54		ppb
Potassium	39-2	22.89	29.50	32.72	28.37	17.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.89	0.90	3.59	1.79	87.01	ppb
Selenium	78-2	-0.76	0.15	0.59	-0.01		ppb
Selenium	82-1	0.20	-0.06	0.20	0.11	133.58	ppb
Silicon	28-1	-9.03	-10.20	-11.32	-10.18		ppb
Silver	109-1	0.01	0.02	0.02	0.02	31.93	ppb
Silver	107-1	0.02	0.03	0.02	0.02	24.93	ppb
Sodium	23-2	74.30	73.33	68.89	72.17	4.00	ppb
Strontium	86-1	-0.03	-0.02	-0.04	-0.03		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-149.38	-242.64	-307.49	-233.17		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	15.58	ppb
Thallium	205-1	0.01	0.03	0.02	0.02	31.62	ppb
Tin	118-1	0.11	0.12	0.11	0.11	6.30	ppb
Titanium	47-1	0.02	-0.05	-0.08	-0.04		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	0.00	-0.02	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.08	0.05	0.02	0.05	55.66	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	15.42	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	PB100477BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:53:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.00	0.01	0.02	122.61	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	PB100477BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:56:20	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.13	31.28	29.85	32.75	11.77	ppb
Antimony	121-1	3.76	3.69	3.59	3.68	2.25	ppb
Arsenic	75-2	1.93	1.88	1.82	1.88	3.07	ppb
Barium	135-1	18.20	18.31	17.70	18.07	1.78	ppb
Barium	137-1	18.67	18.58	18.18	18.48	1.40	ppb
Beryllium	9-1	1.90	2.08	1.85	1.94	6.32	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	49.78	49.74	51.47	50.33	1.96	ppb
Boron	11-1	50.65	49.89	51.41	50.65	1.50	ppb
Cadmium	111-1	1.83	1.79	1.72	1.78	3.10	ppb
Cadmium	106-1	0.43	1.33	-0.15	0.53	139.01	ppb
Cadmium	108-1	2.03	1.54	1.84	1.80	13.68	ppb
Calcium	43-1	961.36	990.71	950.31	967.46	2.16	ppb
Calcium	44-1	904.16	923.87	898.53	908.85	1.46	ppb
Chromium	52-2	3.90	3.79	3.85	3.85	1.40	ppb
Cobalt	59-2	2.01	2.03	1.98	2.01	1.20	ppb
Copper	63-2	4.25	4.21	4.20	4.22	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	389.81	384.70	393.87	389.46	1.18	ppb
Iron	57-2	387.55	396.27	409.47	397.76	2.77	ppb
Lead	206-1	2.20	1.99	2.18	2.13	5.39	ppb
Lead	207-1	2.10	2.10	2.17	2.12	1.80	ppb
Lead	208-1	2.16	2.09	2.16	2.13	2.00	ppb
Lithium	6-1				100		%
Magnesium	24-2	965.38	946.53	969.28	960.39	1.27	ppb
Manganese	55-2	2.03	1.97	1.99	2.00	1.61	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	PB100477BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:56:20	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.12	4.23	4.29	4.21	2.10	ppb
Molybdenum	95-1	8.76	8.82	8.97	8.85	1.25	ppb
Molybdenum	96-1	7.60	7.66	7.82	7.69	1.52	ppb
Molybdenum	97-1	8.69	8.95	9.11	8.92	2.41	ppb
Molybdenum	98-1	8.96	8.73	8.57	8.75	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.10	2.01	2.10	3.84	ppb
Phosphorus	31-2	-18.27	-18.36	-30.15	-22.26		ppb
Potassium	39-2	969.74	970.18	1035.40	991.77	3.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	17.65	12.12	12.08	13.95	22.96	ppb
Selenium	78-2	12.04	7.04	8.84	9.31	27.22	ppb
Selenium	82-1	9.80	9.65	9.53	9.66	1.40	ppb
Silicon	28-1	14.39	15.98	14.83	15.06	5.44	ppb
Silver	109-1	2.08	2.06	1.96	2.03	3.11	ppb
Silver	107-1	2.15	1.97	2.16	2.09	4.93	ppb
Sodium	23-2	1057.14	1037.98	1050.33	1048.48	0.93	ppb
Strontium	86-1	1.74	1.91	1.93	1.86	5.74	ppb
Strontium	88-1	1.88	1.86	1.98	1.91	3.36	ppb
Sulfur	34-1	-276.80	-253.53	-347.92	-292.75		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	1.86	1.71	1.78	1.79	4.21	ppb
Thallium	205-1	1.91	1.82	1.93	1.89	2.99	ppb
Tin	118-1	8.89	9.04	9.07	9.00	1.04	ppb
Titanium	47-1	8.59	9.10	8.53	8.74	3.56	ppb
Uranium	238-1	1.74	1.78	1.77	1.76	1.21	ppb
Vanadium	51-2	9.61	9.92	9.47	9.66	2.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	4.15	4.27	3.77	4.07	6.35	ppb
Zirconium	90-1	2.02	1.98	2.00	2.00	0.91	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	PB100477BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:56:20	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.93	1.91	1.83	1.89	2.81	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:20:30	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48041.90	49064.13	48947.73	48684.59	1.15	ppb
Antimony	121-1	467.57	475.83	475.32	472.91	0.98	ppb
Arsenic	75-2	483.38	488.20	488.75	486.77	0.61	ppb
Barium	135-1	2394.87	2374.84	2367.92	2379.21	0.59	ppb
Barium	137-1	2361.28	2345.14	2355.08	2353.83	0.35	ppb
Beryllium	9-1	498.71	503.43	484.69	495.61	1.97	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	484.31	493.47	488.29	488.69	0.94	ppb
Boron	11-1	486.32	495.06	485.64	489.01	1.07	ppb
Cadmium	111-1	452.80	460.75	456.04	456.53	0.88	ppb
Cadmium	106-1	462.78	464.00	468.00	464.93	0.59	ppb
Cadmium	108-1	463.76	460.52	465.58	463.29	0.55	ppb
Calcium	43-1	232472.96	235672.53	236440.54	234862.01	0.90	ppb
Calcium	44-1	234058.86	236166.54	234407.65	234877.68	0.48	ppb
Chromium	52-2	486.68	502.64	497.27	495.53	1.64	ppb
Cobalt	59-2	467.20	478.65	473.58	473.14	1.21	ppb
Copper	63-2	940.80	954.16	949.25	948.07	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	114422.30	118053.56	116488.10	116321.32	1.57	ppb
Iron	57-2	117920.18	121819.09	119717.47	119818.91	1.63	ppb
Lead	206-1	461.25	462.73	445.97	456.65	2.03	ppb
Lead	207-1	460.96	459.78	448.26	456.33	1.54	ppb
Lead	208-1	469.97	469.09	460.22	466.43	1.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	237414.01	244398.62	241034.28	240948.97	1.45	ppb
Manganese	55-2	958.86	1000.02	990.44	983.10	2.19	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:20:30	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	463.75	470.44	478.31	470.83	1.55	ppb
Molybdenum	95-1	467.05	464.01	468.27	466.45	0.47	ppb
Molybdenum	96-1	467.25	466.14	473.35	468.91	0.83	ppb
Molybdenum	97-1	455.48	454.67	463.43	457.86	1.06	ppb
Molybdenum	98-1	470.45	471.86	472.83	471.71	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.47	482.08	476.57	476.71	1.11	ppb
Phosphorus	31-2	11204.94	10509.14	10690.93	10801.67	3.34	ppb
Potassium	39-2	119071.84	121011.44	121077.74	120387.01	0.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	504.30	503.05	501.92	503.09	0.24	ppb
Selenium	78-2	467.96	475.14	500.82	481.31	3.59	ppb
Selenium	82-1	458.06	451.69	460.79	456.85	1.02	ppb
Silicon	28-1	480.22	503.34	498.38	493.98	2.46	ppb
Silver	109-1	468.53	468.54	465.81	467.63	0.34	ppb
Silver	107-1	469.68	467.63	468.77	468.69	0.22	ppb
Sodium	23-2	235188.57	241838.63	240862.26	239296.48	1.50	ppb
Strontium	86-1	467.93	463.58	473.97	468.49	1.11	ppb
Strontium	88-1	468.74	473.65	475.41	472.60	0.73	ppb
Sulfur	34-1	9159.17	9446.08	9490.55	9365.27	1.92	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	473.27	479.99	464.58	472.61	1.64	ppb
Thallium	205-1	476.66	482.17	465.84	474.89	1.75	ppb
Tin	118-1	464.91	476.24	466.60	469.25	1.30	ppb
Titanium	47-1	456.41	465.79	466.02	462.74	1.18	ppb
Uranium	238-1	477.53	472.09	471.70	473.77	0.69	ppb
Vanadium	51-2	484.30	499.02	495.99	493.10	1.58	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	928.42	960.68	952.82	947.31	1.78	ppb
Zirconium	90-1	470.00	466.04	473.70	469.91	0.81	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:20:30	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	459.23	457.20	463.49	459.97	0.70	ppb

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : CCB055 Instrumnet Name : P8
 Client Sample ID : CCB055 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 13:23:33 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.94	-2.80	1.68	-1.02		ppb
Antimony	121-1	0.08	0.06	0.05	0.06	23.98	ppb
Arsenic	75-2	0.01	-0.02	-0.03	-0.01		ppb
Barium	135-1	-0.03	-0.05	-0.04	-0.04		ppb
Barium	137-1	-0.03	-0.03	-0.03	-0.03		ppb
Beryllium	9-1	0.00	0.03	0.02	0.02	78.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	12.52	11.66	8.44	10.87	19.79	ppb
Boron	11-1	11.49	10.63	10.71	10.94	4.35	ppb
Cadmium	111-1	-0.09	-0.05	-0.06	-0.07		ppb
Cadmium	106-1	-1.17	-0.67	-0.65	-0.83		ppb
Cadmium	108-1	0.01	0.08	0.01	0.03	119.61	ppb
Calcium	43-1	31.56	24.88	36.02	30.82	18.20	ppb
Calcium	44-1	-12.14	-11.71	-16.84	-13.56		ppb
Chromium	52-2	-0.23	-0.21	-0.19	-0.21		ppb
Cobalt	59-2	-0.01	-0.03	-0.03	-0.02		ppb
Copper	63-2	-0.26	-0.32	-0.29	-0.29		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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	0.10	0.47	0.22	0.27	71.18	ppb
Iron	57-2	0.39	-1.37	0.94	-0.01		ppb
Lead	206-1	0.06	0.02	0.06	0.04	54.18	ppb
Lead	207-1	0.03	0.05	0.08	0.05	41.94	ppb
Lead	208-1	0.05	0.04	0.05	0.05	12.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.11	0.95	0.50	1.19	70.42	ppb
Manganese	55-2	-0.14	-0.03	-0.05	-0.07		ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P8
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:23:33	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.02	0.01	0.02	74.06	ppb
Molybdenum	95-1	-0.02	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.01	-0.02	-0.03	-0.01		ppb
Molybdenum	98-1	0.00	-0.02	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.07	-0.05	-0.04		ppb
Phosphorus	31-2	4.22	-6.27	-7.03	-3.03		ppb
Potassium	39-2	34.79	43.71	37.46	38.66	11.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	0.89	-1.87	-1.87	-0.95		ppb
Selenium	78-2	0.15	-0.31	-0.76	-0.31		ppb
Selenium	82-1	0.33	-0.37	1.46	0.48	194.84	ppb
Silicon	28-1	-7.04	-10.03	-11.61	-9.56		ppb
Silver	109-1	0.02	0.02	0.03	0.02	17.70	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.78	ppb
Sodium	23-2	70.08	70.94	74.17	71.73	3.00	ppb
Strontium	86-1	0.04	0.06	-0.01	0.03	111.17	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-43.72	-133.63	-126.75	-101.37		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.06	0.05	26.01	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	7.40	ppb
Tin	118-1	0.12	0.14	0.14	0.13	8.25	ppb
Titanium	47-1	-0.09	-0.07	-0.05	-0.07		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.03	0.20	0.09	0.11	83.58	ppb
Zirconium	90-1	0.02	0.04	0.03	0.03	22.01	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P8
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:23:33	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.04	0.05	23.84	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:26:46	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12571.35	12501.14	12030.71	12367.73	2.38	ppb
Antimony	121-1	1.58	1.66	1.61	1.62	2.45	ppb
Arsenic	75-2	14.42	13.80	14.22	14.15	2.25	ppb
Barium	135-1	247.55	253.60	247.23	249.46	1.44	ppb
Barium	137-1	248.58	251.63	249.24	249.82	0.64	ppb
Beryllium	9-1	0.93	0.90	0.85	0.89	4.81	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	85.03	86.32	88.23	86.53	1.86	ppb
Boron	11-1	83.22	87.73	87.80	86.25	3.04	ppb
Cadmium	111-1	1.05	1.26	1.12	1.14	9.22	ppb
Cadmium	106-1	1.18	1.69	0.69	1.19	42.38	ppb
Cadmium	108-1	1.66	1.36	1.18	1.40	17.54	ppb
Calcium	43-1	156752.18	157990.63	156853.00	157198.60	0.44	ppb
Calcium	44-1	157386.24	156932.85	158323.59	157547.56	0.45	ppb
Chromium	52-2	22.40	22.08	22.11	22.20	0.78	ppb
Cobalt	59-2	8.47	8.25	8.26	8.33	1.53	ppb
Copper	63-2	75.24	76.35	74.61	75.40	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	20318.44	20222.08	19864.88	20135.13	1.19	ppb
Iron	57-2	20483.98	20374.04	20119.65	20325.89	0.92	ppb
Lead	206-1	75.10	73.38	72.92	73.80	1.56	ppb
Lead	207-1	69.03	68.56	68.58	68.72	0.38	ppb
Lead	208-1	72.27	71.71	70.88	71.62	0.98	ppb
Lithium	6-1				97		%
Magnesium	24-2	40200.02	39980.69	38897.43	39692.71	1.76	ppb
Manganese	55-2	765.75	773.25	761.34	766.78	0.78	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:26:46	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.08	5.24	5.06	5.12	1.90	ppb
Molybdenum	95-1	2.20	2.34	2.33	2.29	3.25	ppb
Molybdenum	96-1	2.91	2.81	2.93	2.88	2.17	ppb
Molybdenum	97-1	2.26	2.20	2.37	2.28	3.88	ppb
Molybdenum	98-1	2.23	2.22	2.32	2.26	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.80	20.52	19.30	20.21	3.95	ppb
Phosphorus	31-2	2761.34	2561.71	2280.74	2534.60	9.53	ppb
Potassium	39-2	8446.17	8435.70	8210.75	8364.21	1.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	18.18	25.45	28.42	24.02	21.93	ppb
Selenium	78-2	8.28	5.35	7.93	7.18	22.27	ppb
Selenium	82-1	1.83	0.47	2.32	1.54	62.06	ppb
Silicon	28-1	1538.47	1148.08	1316.87	1334.47	14.67	ppb
Silver	109-1	0.68	0.61	0.59	0.63	7.75	ppb
Silver	107-1	0.61	0.63	0.59	0.61	3.18	ppb
Sodium	23-2	10117.28	9993.32	9897.54	10002.71	1.10	ppb
Strontium	86-1	435.95	438.75	436.61	437.10	0.34	ppb
Strontium	88-1	433.56	439.02	439.08	437.22	0.73	ppb
Sulfur	34-1	512.78	492.85	400.84	468.82	12.74	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.65	0.61	0.51	0.59	12.09	ppb
Thallium	205-1	0.63	0.61	0.58	0.61	3.63	ppb
Tin	118-1	1.46	1.51	1.41	1.46	3.32	ppb
Titanium	47-1	343.58	340.50	338.52	340.87	0.75	ppb
Uranium	238-1	1.21	1.18	1.18	1.19	1.39	ppb
Vanadium	51-2	28.63	29.15	27.95	28.58	2.11	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	194.22	194.86	188.78	192.62	1.73	ppb
Zirconium	90-1	6.36	6.62	6.58	6.52	2.16	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:26:46	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	7.38	6.79	6.47	6.88	6.67	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:29:55	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14778.18	14931.83	15126.95	14945.65	1.17	ppb
Antimony	121-1	1.30	1.38	1.38	1.35	3.36	ppb
Arsenic	75-2	22.82	22.80	21.74	22.45	2.76	ppb
Barium	135-1	277.86	279.77	282.90	280.18	0.91	ppb
Barium	137-1	275.62	281.79	282.61	280.01	1.36	ppb
Beryllium	9-1	1.21	1.31	1.26	1.26	4.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	26.62	23.01	25.04	24.89	7.27	ppb
Boron	11-1	24.37	23.17	24.64	24.06	3.25	ppb
Cadmium	111-1	1.02	0.93	0.95	0.97	4.47	ppb
Cadmium	106-1	2.93	1.58	3.12	2.55	32.93	ppb
Cadmium	108-1	1.42	2.00	1.89	1.77	17.61	ppb
Calcium	43-1	162585.07	163662.77	161143.17	162463.67	0.78	ppb
Calcium	44-1	161948.30	164239.67	162227.94	162805.30	0.77	ppb
Chromium	52-2	28.48	27.83	28.43	28.25	1.28	ppb
Cobalt	59-2	12.80	13.00	12.77	12.86	0.97	ppb
Copper	63-2	62.93	63.06	63.82	63.27	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	26798.08	26759.67	27253.62	26937.12	1.02	ppb
Iron	57-2	26861.25	27110.21	27138.24	27036.57	0.56	ppb
Lead	206-1	51.42	51.07	50.80	51.10	0.61	ppb
Lead	207-1	47.45	47.07	46.87	47.13	0.63	ppb
Lead	208-1	49.62	49.53	49.20	49.45	0.45	ppb
Lithium	6-1				91		%
Magnesium	24-2	24433.46	24505.25	24521.92	24486.88	0.19	ppb
Manganese	55-2	705.18	715.26	722.25	714.23	1.20	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:29:55	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.19	7.88	7.42	7.50	4.69	ppb
Molybdenum	95-1	3.67	3.58	3.52	3.59	2.04	ppb
Molybdenum	96-1	4.42	4.59	4.55	4.52	1.95	ppb
Molybdenum	97-1	3.78	3.58	3.58	3.64	3.21	ppb
Molybdenum	98-1	3.70	3.47	3.59	3.59	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.98	29.23	29.73	29.31	1.31	ppb
Phosphorus	31-2	2898.79	2734.41	2849.94	2827.71	2.99	ppb
Potassium	39-2	5119.04	5279.17	5360.21	5252.81	2.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	42.53	45.00	44.94	44.16	3.19	ppb
Selenium	78-2	6.92	6.52	4.90	6.11	17.56	ppb
Selenium	82-1	-0.30	0.72	1.03	0.49	143.03	ppb
Silicon	28-1	1722.50	4465.35	2228.08	2805.31	52.03	ppb
Silver	109-1	0.40	0.41	0.37	0.39	5.41	ppb
Silver	107-1	0.41	0.38	0.41	0.40	4.16	ppb
Sodium	23-2	1524.71	1559.14	1520.08	1534.64	1.39	ppb
Strontium	86-1	297.07	296.87	301.19	298.38	0.82	ppb
Strontium	88-1	297.76	303.68	304.98	302.14	1.27	ppb
Sulfur	34-1	-476.94	-363.08	-667.86	-502.63		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.93	0.74	0.83	0.83	11.03	ppb
Thallium	205-1	0.92	0.80	0.80	0.84	8.32	ppb
Tin	118-1	1.33	1.41	1.38	1.38	2.99	ppb
Titanium	47-1	350.22	365.82	364.82	360.29	2.42	ppb
Uranium	238-1	2.22	2.17	2.10	2.16	2.80	ppb
Vanadium	51-2	47.90	48.18	48.39	48.16	0.51	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	130.76	134.72	132.37	132.62	1.50	ppb
Zirconium	90-1	9.35	9.40	9.28	9.34	0.60	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:29:55	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	9.86	9.48	9.15	9.50	3.78	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:33:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13992.14	14146.01	14050.03	14062.73	0.55	ppb
Antimony	121-1	1.19	1.25	1.18	1.21	2.96	ppb
Arsenic	75-2	25.84	26.22	25.25	25.77	1.89	ppb
Barium	135-1	250.61	250.65	253.67	251.64	0.70	ppb
Barium	137-1	249.10	255.59	253.58	252.76	1.32	ppb
Beryllium	9-1	1.31	1.17	1.26	1.25	5.59	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	17.79	23.63	19.35	20.26	14.92	ppb
Boron	11-1	18.28	19.46	18.80	18.85	3.14	ppb
Cadmium	111-1	0.97	0.97	1.02	0.99	3.29	ppb
Cadmium	106-1	1.13	0.73	1.30	1.05	27.63	ppb
Cadmium	108-1	1.71	1.43	1.82	1.65	12.04	ppb
Calcium	43-1	148254.61	145332.91	147537.92	147041.82	1.04	ppb
Calcium	44-1	146795.29	145877.52	146262.28	146311.70	0.31	ppb
Chromium	52-2	44.55	45.01	44.97	44.84	0.56	ppb
Cobalt	59-2	12.82	13.01	13.35	13.06	2.08	ppb
Copper	63-2	778.51	781.71	790.25	783.49	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	24641.57	24723.45	25409.03	24924.68	1.69	ppb
Iron	57-2	24919.96	25044.47	25203.56	25056.00	0.57	ppb
Lead	206-1	86.30	87.27	87.42	87.00	0.70	ppb
Lead	207-1	80.68	81.67	80.93	81.09	0.64	ppb
Lead	208-1	84.13	84.91	84.90	84.65	0.53	ppb
Lithium	6-1				88		%
Magnesium	24-2	22859.34	22971.52	23074.59	22968.48	0.47	ppb
Manganese	55-2	636.19	637.97	644.42	639.53	0.68	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:33:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.62	7.43	7.49	7.51	1.30	ppb
Molybdenum	95-1	10.93	10.71	11.13	10.92	1.94	ppb
Molybdenum	96-1	10.01	10.07	9.81	9.96	1.36	ppb
Molybdenum	97-1	10.91	10.96	10.74	10.87	1.05	ppb
Molybdenum	98-1	10.67	10.78	10.78	10.75	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.32	32.11	32.41	32.28	0.48	ppb
Phosphorus	31-2	3647.99	3672.47	4369.41	3896.62	10.51	ppb
Potassium	39-2	5870.05	5924.45	5870.29	5888.27	0.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	40.16	40.12	43.27	41.18	4.39	ppb
Selenium	78-2	6.53	7.74	6.64	6.97	9.60	ppb
Selenium	82-1	1.80	2.24	1.49	1.84	20.32	ppb
Silicon	28-1	1688.30	1285.18	2002.06	1658.51	21.67	ppb
Silver	109-1	0.85	0.81	0.84	0.83	2.35	ppb
Silver	107-1	0.83	0.86	0.90	0.86	4.23	ppb
Sodium	23-2	495.60	521.53	520.66	512.60	2.87	ppb
Strontium	86-1	188.70	187.92	188.64	188.42	0.23	ppb
Strontium	88-1	192.50	191.66	189.05	191.07	0.94	ppb
Sulfur	34-1	1332.47	1019.31	1101.88	1151.22	14.10	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.74	0.76	0.79	0.77	3.27	ppb
Thallium	205-1	0.75	0.74	0.77	0.75	2.12	ppb
Tin	118-1	2.15	2.16	2.24	2.18	2.13	ppb
Titanium	47-1	457.91	452.42	463.80	458.05	1.24	ppb
Uranium	238-1	3.10	3.13	3.14	3.12	0.72	ppb
Vanadium	51-2	50.15	50.72	50.95	50.61	0.82	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	165.30	164.22	164.02	164.51	0.42	ppb
Zirconium	90-1	5.71	5.82	5.58	5.70	2.09	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:33:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.95	6.06	5.58	5.86	4.32	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:36:15	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13583.07	13972.64	13997.61	13851.11	1.68	ppb
Antimony	121-1	2.98	2.98	3.08	3.02	1.91	ppb
Arsenic	75-2	21.62	22.30	21.73	21.88	1.66	ppb
Barium	135-1	279.56	286.62	283.14	283.11	1.25	ppb
Barium	137-1	279.13	280.86	285.09	281.69	1.09	ppb
Beryllium	9-1	0.99	1.12	1.12	1.08	7.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	32.92	35.25	32.08	33.41	4.91	ppb
Boron	11-1	32.39	31.90	32.15	32.15	0.77	ppb
Cadmium	111-1	2.19	1.93	2.00	2.04	6.59	ppb
Cadmium	106-1	1.73	2.44	2.30	2.16	17.47	ppb
Cadmium	108-1	2.00	2.76	2.62	2.46	16.52	ppb
Calcium	43-1	111221.38	114414.40	112433.80	112689.86	1.43	ppb
Calcium	44-1	110999.05	112974.91	111834.99	111936.32	0.89	ppb
Chromium	52-2	29.76	30.89	31.21	30.62	2.49	ppb
Cobalt	59-2	16.48	16.98	16.75	16.73	1.50	ppb
Copper	63-2	174.27	179.01	176.74	176.67	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				103		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	30105.63	30670.95	30113.26	30296.61	1.07	ppb
Iron	57-2	30001.21	31061.19	30771.62	30611.34	1.79	ppb
Lead	206-1	188.82	185.52	185.06	186.47	1.10	ppb
Lead	207-1	176.15	175.22	173.16	174.84	0.88	ppb
Lead	208-1	182.22	181.27	180.53	181.34	0.47	ppb
Lithium	6-1				85		%
Magnesium	24-2	25980.28	27045.31	26542.09	26522.56	2.01	ppb
Manganese	55-2	715.57	733.69	734.73	728.00	1.48	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:36:15	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.34	4.20	4.30	4.28	1.75	ppb
Molybdenum	95-1	3.17	3.27	3.02	3.15	4.00	ppb
Molybdenum	96-1	3.28	3.46	3.46	3.40	3.12	ppb
Molybdenum	97-1	3.10	3.41	3.38	3.30	5.26	ppb
Molybdenum	98-1	3.16	3.22	3.11	3.16	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.11	31.76	32.29	32.05	0.85	ppb
Phosphorus	31-2	2164.59	2570.04	2304.27	2346.30	8.78	ppb
Potassium	39-2	6070.72	6241.46	6167.68	6159.95	1.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	42.08	55.34	44.95	47.46	14.70	ppb
Selenium	78-2	8.99	8.19	5.64	7.60	23.01	ppb
Selenium	82-1	2.45	1.51	0.56	1.51	62.69	ppb
Silicon	28-1	1362.29	5157.73	1924.25	2814.76	72.77	ppb
Silver	109-1	0.71	0.75	0.71	0.72	3.42	ppb
Silver	107-1	0.73	0.73	0.75	0.74	1.98	ppb
Sodium	23-2	563.96	579.06	564.94	569.32	1.48	ppb
Strontium	86-1	249.52	252.50	251.64	251.22	0.61	ppb
Strontium	88-1	252.93	255.01	254.91	254.28	0.46	ppb
Sulfur	34-1	-234.05	-170.70	-340.39	-248.38		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.64	0.72	0.71	0.69	6.89	ppb
Thallium	205-1	0.75	0.70	0.72	0.72	2.97	ppb
Tin	118-1	6.04	6.15	6.26	6.15	1.81	ppb
Titanium	47-1	430.18	434.47	437.68	434.11	0.87	ppb
Uranium	238-1	1.35	1.32	1.35	1.34	1.43	ppb
Vanadium	51-2	39.39	41.15	41.34	40.62	2.65	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	545.83	563.90	557.61	555.78	1.65	ppb
Zirconium	90-1	4.93	4.62	4.68	4.74	3.46	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:36:15	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.68	4.54	4.61	4.61	1.52	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:39:25	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6039.00	6008.33	6155.40	6067.57	1.28	ppb
Antimony	121-1	7.77	7.85	7.95	7.86	1.20	ppb
Arsenic	75-2	79.70	84.49	81.60	81.93	2.94	ppb
Barium	135-1	186.19	188.95	188.24	187.79	0.76	ppb
Barium	137-1	187.09	187.93	191.56	188.86	1.26	ppb
Beryllium	9-1	0.35	0.47	0.35	0.39	17.27	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	14.75	14.76	16.47	15.33	6.46	ppb
Boron	11-1	15.29	14.78	15.19	15.09	1.80	ppb
Cadmium	111-1	0.90	0.94	1.04	0.96	7.82	ppb
Cadmium	106-1	0.56	-0.12	1.44	0.63	125.55	ppb
Cadmium	108-1	1.87	1.88	1.78	1.85	2.96	ppb
Calcium	43-1	91854.72	92864.02	92065.40	92261.38	0.58	ppb
Calcium	44-1	91899.35	91754.07	90642.30	91431.91	0.75	ppb
Chromium	52-2	40.97	40.87	42.14	41.33	1.71	ppb
Cobalt	59-2	7.30	7.17	7.17	7.21	1.05	ppb
Copper	63-2	112.42	111.76	115.11	113.09	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	37219.32	37221.68	37925.61	37455.54	1.09	ppb
Iron	57-2	37387.52	37423.21	38260.34	37690.35	1.31	ppb
Lead	206-1	853.75	835.27	831.87	840.30	1.40	ppb
Lead	207-1	805.54	789.20	786.50	793.75	1.30	ppb
Lead	208-1	829.60	810.41	812.86	817.63	1.28	ppb
Lithium	6-1				81		%
Magnesium	24-2	21414.10	21241.02	21532.69	21395.94	0.69	ppb
Manganese	55-2	1015.32	1015.03	1040.91	1023.76	1.45	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:39:25	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.91	4.75	4.91	4.86	1.90	ppb
Molybdenum	95-1	6.87	6.79	6.79	6.82	0.64	ppb
Molybdenum	96-1	6.51	6.39	6.49	6.46	0.99	ppb
Molybdenum	97-1	6.98	6.95	6.99	6.98	0.29	ppb
Molybdenum	98-1	6.89	7.01	6.98	6.96	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.72	28.26	29.84	28.94	2.81	ppb
Phosphorus	31-2	2502.39	2071.58	2546.79	2373.59	11.06	ppb
Potassium	39-2	1905.89	1897.94	1917.57	1907.13	0.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	28.24	34.18	30.65	31.02	9.64	ppb
Selenium	78-2	5.52	3.33	4.57	4.48	24.53	ppb
Selenium	82-1	0.95	0.81	2.16	1.31	56.69	ppb
Silicon	28-1	1426.29	1415.35	2130.31	1657.32	24.72	ppb
Silver	109-1	1.23	1.16	1.21	1.20	2.92	ppb
Silver	107-1	1.13	1.17	1.19	1.16	2.56	ppb
Sodium	23-2	1050.84	1046.36	1075.69	1057.63	1.49	ppb
Strontium	86-1	206.81	203.03	205.65	205.16	0.94	ppb
Strontium	88-1	208.39	207.86	209.51	208.58	0.40	ppb
Sulfur	34-1	233.76	238.53	-68.36	134.65	130.58	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.21	0.20	0.16	0.19	13.64	ppb
Thallium	205-1	0.23	0.20	0.22	0.22	5.06	ppb
Tin	118-1	3.95	3.87	3.95	3.93	1.25	ppb
Titanium	47-1	225.19	227.48	225.35	226.00	0.56	ppb
Uranium	238-1	2.70	2.56	2.63	2.63	2.48	ppb
Vanadium	51-2	37.08	36.19	37.34	36.87	1.63	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	2409.97	2396.72	2456.73	2421.14	1.30	ppb
Zirconium	90-1	3.72	3.90	3.77	3.80	2.50	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:39:25	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.08	4.02	3.93	4.01	1.81	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:42:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9867.58	9529.90	9379.68	9592.39	2.60	ppb
Antimony	121-1	1.01	0.95	1.01	0.99	3.25	ppb
Arsenic	75-2	21.16	20.58	20.83	20.86	1.38	ppb
Barium	135-1	168.53	166.59	168.98	168.03	0.76	ppb
Barium	137-1	167.44	166.37	165.67	166.49	0.53	ppb
Beryllium	9-1	0.70	0.72	0.78	0.73	5.14	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	33.55	32.13	37.04	34.24	7.39	ppb
Boron	11-1	33.75	33.09	31.51	32.78	3.52	ppb
Cadmium	111-1	0.63	0.64	0.66	0.64	2.21	ppb
Cadmium	106-1	0.09	-0.18	0.42	0.11	269.48	ppb
Cadmium	108-1	1.31	0.59	0.83	0.91	40.42	ppb
Calcium	43-1	103071.37	105569.11	103893.28	104177.92	1.22	ppb
Calcium	44-1	103275.63	104039.53	103550.73	103621.96	0.37	ppb
Chromium	52-2	17.66	17.58	17.00	17.41	2.07	ppb
Cobalt	59-2	8.22	8.06	8.04	8.11	1.17	ppb
Copper	63-2	48.14	48.64	47.70	48.16	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	18199.42	18285.02	18002.88	18162.44	0.80	ppb
Iron	57-2	18269.28	18299.11	18188.32	18252.24	0.31	ppb
Lead	206-1	45.32	46.28	45.77	45.79	1.05	ppb
Lead	207-1	42.18	43.12	42.57	42.62	1.11	ppb
Lead	208-1	44.29	45.00	44.17	44.49	1.01	ppb
Lithium	6-1				78		%
Magnesium	24-2	22265.06	22322.14	22122.06	22236.42	0.46	ppb
Manganese	55-2	703.22	699.13	693.69	698.68	0.68	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:42:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.37	3.45	3.32	3.38	2.00	ppb
Molybdenum	95-1	3.93	3.91	3.99	3.94	1.06	ppb
Molybdenum	96-1	3.87	3.64	3.76	3.76	3.02	ppb
Molybdenum	97-1	3.69	3.99	3.86	3.84	3.91	ppb
Molybdenum	98-1	3.84	3.81	3.84	3.83	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.05	17.92	17.56	17.84	1.43	ppb
Phosphorus	31-2	1785.97	2011.47	1939.05	1912.16	6.02	ppb
Potassium	39-2	4687.89	4716.85	4618.48	4674.41	1.08	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	41.27	35.87	35.89	37.68	8.25	ppb
Selenium	78-2	6.75	2.78	5.43	4.99	40.63	ppb
Selenium	82-1	0.59	-0.57	1.67	0.56	198.67	ppb
Silicon	28-1	1207.31	2188.44	2108.34	1834.70	29.69	ppb
Silver	109-1	0.28	0.31	0.26	0.28	8.52	ppb
Silver	107-1	0.28	0.27	0.31	0.29	7.21	ppb
Sodium	23-2	5002.92	5063.15	4989.77	5018.61	0.78	ppb
Strontium	86-1	218.51	220.29	220.95	219.92	0.57	ppb
Strontium	88-1	224.64	224.54	225.60	224.92	0.26	ppb
Sulfur	34-1	1703.57	1609.05	1591.60	1634.74	3.69	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.48	0.57	0.54	0.53	8.51	ppb
Thallium	205-1	0.56	0.57	0.52	0.55	4.54	ppb
Tin	118-1	1.25	1.23	1.31	1.27	3.32	ppb
Titanium	47-1	287.98	276.78	272.95	279.24	2.80	ppb
Uranium	238-1	1.20	1.17	1.15	1.18	2.27	ppb
Vanadium	51-2	29.50	28.90	29.39	29.26	1.10	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	109.19	105.41	107.10	107.24	1.77	ppb
Zirconium	90-1	3.03	3.14	3.64	3.27	9.96	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:42:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.10	3.05	3.30	3.15	4.23	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:45:43	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8181.57	8124.94	8344.19	8216.90	1.39	ppb
Antimony	121-1	1.38	1.37	1.40	1.38	1.16	ppb
Arsenic	75-2	26.20	26.96	25.99	26.39	1.94	ppb
Barium	135-1	360.06	363.00	363.33	362.13	0.50	ppb
Barium	137-1	357.12	359.39	361.82	359.44	0.65	ppb
Beryllium	9-1	0.55	0.67	0.50	0.57	15.13	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	27.36	26.29	27.22	26.96	2.15	ppb
Boron	11-1	27.46	27.55	27.92	27.64	0.87	ppb
Cadmium	111-1	1.26	1.33	1.18	1.25	5.92	ppb
Cadmium	106-1	1.10	1.48	-0.05	0.84	94.36	ppb
Cadmium	108-1	1.11	1.32	1.37	1.26	10.90	ppb
Calcium	43-1	139345.78	139364.82	140200.27	139636.96	0.35	ppb
Calcium	44-1	138432.86	137620.76	136638.50	137564.04	0.65	ppb
Chromium	52-2	24.23	24.07	24.29	24.20	0.46	ppb
Cobalt	59-2	6.60	6.51	6.42	6.51	1.39	ppb
Copper	63-2	91.48	90.60	90.84	90.98	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	15837.45	15683.07	15592.62	15704.38	0.79	ppb
Iron	57-2	15866.31	15626.49	15931.56	15808.12	1.02	ppb
Lead	206-1	58.19	58.05	57.89	58.04	0.26	ppb
Lead	207-1	54.15	53.33	54.23	53.90	0.93	ppb
Lead	208-1	56.05	55.90	56.42	56.12	0.47	ppb
Lithium	6-1				78		%
Magnesium	24-2	27001.16	27142.28	26769.59	26971.01	0.70	ppb
Manganese	55-2	452.09	446.46	448.51	449.02	0.64	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:45:43	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.34	4.79	4.21	4.45	6.76	ppb
Molybdenum	95-1	7.00	6.78	6.75	6.84	1.96	ppb
Molybdenum	96-1	6.11	6.25	6.21	6.19	1.15	ppb
Molybdenum	97-1	7.02	6.85	6.78	6.88	1.80	ppb
Molybdenum	98-1	6.71	6.67	6.70	6.70	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.00	17.60	17.85	17.82	1.12	ppb
Phosphorus	31-2	1690.92	1805.22	1700.92	1732.35	3.65	ppb
Potassium	39-2	3490.76	3490.35	3379.88	3453.67	1.85	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	27.83	17.19	25.41	23.48	23.75	ppb
Selenium	78-2	5.44	5.49	3.27	4.73	26.82	ppb
Selenium	82-1	1.43	1.39	1.32	1.38	3.98	ppb
Silicon	28-1	1113.84	1415.13	1229.94	1252.97	12.13	ppb
Silver	109-1	0.34	0.35	0.33	0.34	2.53	ppb
Silver	107-1	0.33	0.32	0.33	0.32	1.64	ppb
Sodium	23-2	1893.75	1859.41	1834.10	1862.42	1.61	ppb
Strontium	86-1	287.56	283.70	286.90	286.05	0.72	ppb
Strontium	88-1	292.00	288.88	296.30	292.39	1.28	ppb
Sulfur	34-1	1850.76	1713.24	1530.06	1698.02	9.48	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.52	0.55	0.56	0.55	3.43	ppb
Thallium	205-1	0.58	0.60	0.64	0.61	5.26	ppb
Tin	118-1	1.80	1.76	1.73	1.76	1.94	ppb
Titanium	47-1	263.31	278.82	254.53	265.55	4.63	ppb
Uranium	238-1	1.25	1.24	1.30	1.26	2.59	ppb
Vanadium	51-2	26.16	26.05	25.56	25.93	1.23	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	169.27	166.65	166.09	167.34	1.02	ppb
Zirconium	90-1	3.16	3.17	3.36	3.23	3.52	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:45:43	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.08	3.15	4.03	3.42	15.41	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:48:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14631.62	14680.74	14405.88	14572.75	1.01	ppb
Antimony	121-1	2.88	2.93	2.90	2.90	0.80	ppb
Arsenic	75-2	24.14	24.32	23.56	24.01	1.67	ppb
Barium	135-1	288.19	295.14	284.37	289.23	1.89	ppb
Barium	137-1	289.66	292.54	284.92	289.04	1.33	ppb
Beryllium	9-1	1.07	1.03	1.04	1.05	2.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	37.79	39.97	41.12	39.62	4.27	ppb
Boron	11-1	38.91	37.43	38.00	38.11	1.96	ppb
Cadmium	111-1	2.09	2.16	2.25	2.17	3.82	ppb
Cadmium	106-1	2.92	1.98	2.26	2.39	20.27	ppb
Cadmium	108-1	2.67	3.53	2.53	2.91	18.66	ppb
Calcium	43-1	122155.43	121995.20	118792.93	120981.19	1.57	ppb
Calcium	44-1	120561.34	119808.44	118404.06	119591.28	0.92	ppb
Chromium	52-2	36.64	37.08	35.48	36.40	2.27	ppb
Cobalt	59-2	13.11	12.93	12.63	12.89	1.89	ppb
Copper	63-2	197.82	198.42	194.28	196.84	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	31126.16	30901.82	29978.06	30668.68	1.98	ppb
Iron	57-2	31361.48	31274.30	30371.19	31002.32	1.77	ppb
Lead	206-1	215.93	214.42	216.64	215.66	0.53	ppb
Lead	207-1	202.95	201.99	202.49	202.47	0.24	ppb
Lead	208-1	212.53	212.00	210.33	211.62	0.54	ppb
Lithium	6-1				79		%
Magnesium	24-2	31307.16	31371.42	30387.86	31022.15	1.77	ppb
Manganese	55-2	749.03	756.02	726.75	743.93	2.06	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:48:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.41	4.28	4.47	4.38	2.20	ppb
Molybdenum	95-1	2.96	3.13	3.11	3.07	3.04	ppb
Molybdenum	96-1	3.33	3.28	3.36	3.32	1.21	ppb
Molybdenum	97-1	3.21	3.04	2.95	3.07	4.16	ppb
Molybdenum	98-1	3.09	3.11	3.01	3.07	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.86	34.75	35.37	34.99	0.95	ppb
Phosphorus	31-2	3188.20	2989.80	2976.37	3051.46	3.89	ppb
Potassium	39-2	6432.15	6458.61	6190.10	6360.29	2.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	42.79	68.43	58.15	56.46	22.85	ppb
Selenium	78-2	10.87	10.34	9.08	10.09	9.11	ppb
Selenium	82-1	1.79	1.72	0.46	1.32	56.53	ppb
Silicon	28-1	2011.93	2622.03	1633.21	2089.06	23.88	ppb
Silver	109-1	0.68	0.71	0.68	0.69	2.61	ppb
Silver	107-1	0.66	0.66	0.62	0.65	2.89	ppb
Sodium	23-2	770.25	762.10	734.34	755.56	2.49	ppb
Strontium	86-1	259.74	262.07	257.52	259.77	0.88	ppb
Strontium	88-1	262.75	265.61	259.52	262.63	1.16	ppb
Sulfur	34-1	-324.27	-346.00	-585.50	-418.59		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	0.67	0.66	0.72	0.68	5.09	ppb
Thallium	205-1	0.68	0.67	0.70	0.68	2.78	ppb
Tin	118-1	8.74	9.16	8.66	8.85	3.01	ppb
Titanium	47-1	426.17	439.75	424.74	430.22	1.93	ppb
Uranium	238-1	1.45	1.42	1.42	1.43	1.15	ppb
Vanadium	51-2	41.15	41.36	39.98	40.83	1.83	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	745.63	741.58	720.72	735.97	1.82	ppb
Zirconium	90-1	5.04	5.07	6.12	5.41	11.35	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:48:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.30	5.36	5.37	5.35	0.75	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:52:02	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14837.99	14522.24	14662.86	14674.36	1.08	ppb
Antimony	121-1	3.28	2.85	2.86	3.00	8.07	ppb
Arsenic	75-2	24.62	24.50	23.82	24.32	1.77	ppb
Barium	135-1	310.74	284.63	289.59	294.99	4.70	ppb
Barium	137-1	311.81	287.21	296.36	298.46	4.17	ppb
Beryllium	9-1	1.20	1.44	1.20	1.28	10.75	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	44.87	43.06	38.96	42.30	7.16	ppb
Boron	11-1	40.85	38.27	38.98	39.37	3.38	ppb
Cadmium	111-1	2.29	2.11	2.32	2.24	5.07	ppb
Cadmium	106-1	2.18	0.87	2.94	2.00	52.57	ppb
Cadmium	108-1	3.10	2.29	2.74	2.71	14.97	ppb
Calcium	43-1	130546.64	122407.25	118583.02	123845.64	4.93	ppb
Calcium	44-1	129651.41	119245.62	117486.50	122127.84	5.38	ppb
Chromium	52-2	38.34	36.60	36.88	37.27	2.50	ppb
Cobalt	59-2	13.11	12.46	12.61	12.73	2.67	ppb
Copper	63-2	199.39	194.43	195.99	196.60	1.29	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				101		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	31379.14	30432.89	30622.32	30811.45	1.62	ppb
Iron	57-2	31476.24	30619.31	30928.37	31007.97	1.40	ppb
Lead	206-1	236.97	215.51	219.33	223.94	5.11	ppb
Lead	207-1	221.87	204.73	206.54	211.05	4.46	ppb
Lead	208-1	230.99	211.72	214.07	218.93	4.80	ppb
Lithium	6-1				77		%
Magnesium	24-2	31643.53	30407.23	30968.28	31006.35	2.00	ppb
Manganese	55-2	751.09	732.80	743.36	742.41	1.24	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:52:02	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.61	4.40	4.48	4.83	14.01	ppb
Molybdenum	95-1	3.26	3.07	2.97	3.10	4.74	ppb
Molybdenum	96-1	3.60	3.42	3.28	3.44	4.63	ppb
Molybdenum	97-1	3.34	2.90	3.21	3.15	7.25	ppb
Molybdenum	98-1	3.24	3.08	2.99	3.10	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.39	34.78	35.21	35.13	0.88	ppb
Phosphorus	31-2	2884.90	3120.91	3290.73	3098.84	6.58	ppb
Potassium	39-2	6466.51	6212.59	6342.39	6340.49	2.00	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	24.39	37.28	37.23	32.96	22.53	ppb
Selenium	78-2	3.98	7.80	6.08	5.95	32.16	ppb
Selenium	82-1	0.94	0.81	1.52	1.09	34.74	ppb
Silicon	28-1	3000.44	2245.57	1844.40	2363.47	24.84	ppb
Silver	109-1	0.70	0.65	0.66	0.67	4.05	ppb
Silver	107-1	0.78	0.65	0.67	0.70	10.16	ppb
Sodium	23-2	765.73	749.11	767.88	760.91	1.35	ppb
Strontium	86-1	281.08	256.79	257.80	265.22	5.18	ppb
Strontium	88-1	282.07	262.56	260.92	268.52	4.38	ppb
Sulfur	34-1	556.12	-313.44	-421.32	-59.54		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.81	0.77	0.60	0.73	14.99	ppb
Thallium	205-1	0.78	0.68	0.73	0.73	7.26	ppb
Tin	118-1	9.76	8.92	8.72	9.13	6.07	ppb
Titanium	47-1	468.31	419.54	414.14	434.00	6.87	ppb
Uranium	238-1	1.60	1.42	1.44	1.49	6.54	ppb
Vanadium	51-2	41.55	40.65	41.44	41.22	1.19	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	750.61	735.23	748.74	744.86	1.13	ppb
Zirconium	90-1	5.95	5.52	5.51	5.66	4.48	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:52:02	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.47	5.11	4.84	5.14	6.21	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-07 13:55:11	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2811.24	2912.09	3220.10	2981.15	7.14	ppb
Antimony	121-1	0.59	0.59	0.55	0.58	4.15	ppb
Arsenic	75-2	5.26	4.53	5.32	5.04	8.72	ppb
Barium	135-1	57.83	58.12	57.07	57.67	0.95	ppb
Barium	137-1	57.72	57.64	56.85	57.40	0.84	ppb
Beryllium	9-1	0.30	0.22	0.27	0.26	14.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	12.11	11.08	9.16	10.78	13.92	ppb
Boron	11-1	10.56	10.34	11.06	10.66	3.47	ppb
Cadmium	111-1	0.36	0.35	0.33	0.35	4.88	ppb
Cadmium	106-1	-0.63	-0.54	-1.70	-0.96		ppb
Cadmium	108-1	0.54	0.46	0.39	0.46	15.83	ppb
Calcium	43-1	23869.44	23994.62	23911.09	23925.05	0.27	ppb
Calcium	44-1	23742.57	23699.37	23731.48	23724.47	0.09	ppb
Chromium	52-2	7.01	7.05	7.30	7.12	2.23	ppb
Cobalt	59-2	2.45	2.45	2.51	2.47	1.33	ppb
Copper	63-2	38.87	38.24	39.37	38.83	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	6117.75	6090.02	6174.51	6127.43	0.70	ppb
Iron	57-2	6107.38	6039.11	6150.44	6098.98	0.92	ppb
Lead	206-1	42.88	41.96	43.30	42.72	1.61	ppb
Lead	207-1	40.45	39.68	41.23	40.45	1.92	ppb
Lead	208-1	41.76	41.03	42.31	41.70	1.54	ppb
Lithium	6-1				78		%
Magnesium	24-2	6125.55	6099.84	6078.22	6101.21	0.39	ppb
Manganese	55-2	146.19	147.13	148.59	147.30	0.82	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-07 13:55:11	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.01	0.91	0.96	0.96	4.83	ppb
Molybdenum	95-1	0.62	0.65	0.60	0.62	4.19	ppb
Molybdenum	96-1	0.70	0.69	0.70	0.70	1.46	ppb
Molybdenum	97-1	0.70	0.66	0.64	0.67	4.23	ppb
Molybdenum	98-1	0.65	0.63	0.57	0.62	6.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.05	6.39	6.93	6.79	5.25	ppb
Phosphorus	31-2	519.12	681.96	605.53	602.20	13.53	ppb
Potassium	39-2	1252.01	1380.27	1338.58	1323.62	4.94	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	9.53	9.37	6.56	8.48	19.68	ppb
Selenium	78-2	0.64	1.54	0.16	0.78	89.56	ppb
Selenium	82-1	-0.18	0.85	0.71	0.46	120.60	ppb
Silicon	28-1	297.66	254.92	351.36	301.31	16.04	ppb
Silver	109-1	0.14	0.16	0.13	0.14	9.96	ppb
Silver	107-1	0.14	0.16	0.14	0.15	6.77	ppb
Sodium	23-2	179.11	175.27	170.33	174.90	2.52	ppb
Strontium	86-1	56.91	54.91	55.80	55.87	1.79	ppb
Strontium	88-1	56.54	55.37	56.65	56.19	1.26	ppb
Sulfur	34-1	-428.04	-389.26	-559.78	-459.03		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.13	0.14	0.12	0.13	8.84	ppb
Thallium	205-1	0.15	0.11	0.12	0.13	15.40	ppb
Tin	118-1	1.70	1.75	1.76	1.74	1.79	ppb
Titanium	47-1	83.52	83.45	84.41	83.79	0.64	ppb
Uranium	238-1	0.26	0.22	0.25	0.24	9.17	ppb
Vanadium	51-2	8.23	7.83	8.08	8.05	2.51	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	148.49	148.34	147.94	148.26	0.19	ppb
Zirconium	90-1	1.11	0.99	1.07	1.06	5.52	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-07 13:55:11	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.04	1.14	1.00	1.06	7.05	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:58:23	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15084.43	15350.21	15060.25	15164.96	1.06	ppb
Antimony	121-1	20.40	20.82	20.28	20.50	1.38	ppb
Arsenic	75-2	30.56	31.89	31.65	31.37	2.26	ppb
Barium	135-1	650.88	660.59	642.12	651.20	1.42	ppb
Barium	137-1	662.69	680.31	657.67	666.89	1.78	ppb
Beryllium	9-1	10.44	10.95	10.91	10.77	2.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	37.09	36.10	41.10	38.10	6.96	ppb
Boron	11-1	36.25	37.59	37.25	37.03	1.88	ppb
Cadmium	111-1	10.65	11.20	11.00	10.95	2.53	ppb
Cadmium	106-1	7.32	8.90	10.01	8.74	15.48	ppb
Cadmium	108-1	10.62	10.16	11.10	10.63	4.45	ppb
Calcium	43-1	123588.76	123012.80	122588.88	123063.48	0.41	ppb
Calcium	44-1	120665.77	121075.03	122655.29	121465.36	0.86	ppb
Chromium	52-2	76.02	77.96	77.22	77.07	1.27	ppb
Cobalt	59-2	110.80	112.97	111.38	111.72	1.00	ppb
Copper	63-2	252.03	255.63	252.45	253.37	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	31660.91	32465.37	31466.90	31864.39	1.66	ppb
Iron	57-2	31861.39	32345.81	31764.64	31990.61	0.97	ppb
Lead	206-1	224.10	219.60	226.45	223.38	1.56	ppb
Lead	207-1	212.01	207.66	212.72	210.80	1.30	ppb
Lead	208-1	222.77	217.94	221.71	220.81	1.15	ppb
Lithium	6-1				80		%
Magnesium	24-2	31583.81	32438.36	32115.80	32045.99	1.35	ppb
Manganese	55-2	853.84	869.97	852.85	858.89	1.12	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:58:23	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.52	4.23	4.92	4.55	7.68	ppb
Molybdenum	95-1	3.05	3.16	2.96	3.06	3.31	ppb
Molybdenum	96-1	3.22	3.31	4.00	3.51	12.18	ppb
Molybdenum	97-1	3.05	3.28	3.04	3.12	4.43	ppb
Molybdenum	98-1	3.13	3.05	3.00	3.06	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.86	139.56	135.91	136.45	2.11	ppb
Phosphorus	31-2	3200.25	3049.03	3095.34	3114.87	2.49	ppb
Potassium	39-2	6397.64	6489.61	6503.25	6463.50	0.89	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	48.23	85.28	40.45	57.99	41.30	ppb
Selenium	78-2	24.74	24.68	24.82	24.75	0.28	ppb
Selenium	82-1	16.82	17.72	17.46	17.33	2.65	ppb
Silicon	28-1	2645.72	1517.71	2014.07	2059.16	27.46	ppb
Silver	109-1	8.74	8.90	8.82	8.82	0.87	ppb
Silver	107-1	8.84	9.11	8.91	8.95	1.58	ppb
Sodium	23-2	763.31	775.39	765.56	768.09	0.84	ppb
Strontium	86-1	259.23	261.84	260.22	260.43	0.51	ppb
Strontium	88-1	262.75	272.41	265.10	266.75	1.89	ppb
Sulfur	34-1	-280.03	-214.26	-189.26	-227.85		ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	9.53	9.50	9.48	9.50	0.27	ppb
Thallium	205-1	9.64	9.49	9.83	9.65	1.75	ppb
Tin	118-1	8.99	9.08	8.98	9.02	0.60	ppb
Titanium	47-1	437.43	435.57	429.99	434.33	0.89	ppb
Uranium	238-1	1.45	1.42	1.48	1.45	1.98	ppb
Vanadium	51-2	139.44	140.28	138.80	139.51	0.53	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	850.26	864.22	859.89	858.12	0.83	ppb
Zirconium	90-1	5.16	5.31	4.96	5.14	3.48	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:58:23	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.76	4.88	5.09	5.24	8.71	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:01:31	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	633.01	636.39	647.42	638.94	1.18	ppb
Antimony	121-1	0.08	0.08	0.09	0.09	4.89	ppb
Arsenic	75-2	0.88	0.64	0.75	0.76	15.81	ppb
Barium	135-1	12.88	12.63	12.73	12.75	0.98	ppb
Barium	137-1	12.64	12.30	12.66	12.53	1.58	ppb
Beryllium	9-1	0.05	-0.01	0.06	0.03	106.88	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	7.54	9.15	7.00	7.90	14.22	ppb
Boron	11-1	7.44	6.84	7.75	7.34	6.24	ppb
Cadmium	111-1	-0.05	-0.08	0.00	-0.04		ppb
Cadmium	106-1	-1.12	-1.69	-0.77	-1.19		ppb
Cadmium	108-1	0.11	0.05	0.08	0.08	43.53	ppb
Calcium	43-1	8162.88	8219.72	8053.62	8145.41	1.04	ppb
Calcium	44-1	8221.37	8346.95	8238.90	8269.07	0.82	ppb
Chromium	52-2	1.16	1.13	1.02	1.10	7.06	ppb
Cobalt	59-2	0.41	0.39	0.39	0.39	3.17	ppb
Copper	63-2	3.64	3.79	3.78	3.74	2.20	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				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	1052.45	1057.18	1048.86	1052.83	0.40	ppb
Iron	57-2	1069.49	1077.16	1070.84	1072.50	0.38	ppb
Lead	206-1	3.73	3.74	3.83	3.77	1.42	ppb
Lead	207-1	3.51	3.70	3.43	3.55	3.97	ppb
Lead	208-1	3.69	3.72	3.68	3.70	0.56	ppb
Lithium	6-1				79		%
Magnesium	24-2	2028.32	2060.97	2044.50	2044.60	0.80	ppb
Manganese	55-2	39.61	40.31	38.90	39.61	1.79	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:01:31	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.29	0.24	0.27	10.04	ppb
Molybdenum	95-1	0.09	0.09	0.08	0.09	6.81	ppb
Molybdenum	96-1	0.14	0.14	0.11	0.13	14.44	ppb
Molybdenum	97-1	0.14	0.14	0.16	0.15	7.84	ppb
Molybdenum	98-1	0.09	0.10	0.08	0.09	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.09	1.08	1.08	0.71	ppb
Phosphorus	31-2	115.56	190.55	152.30	152.81	24.54	ppb
Potassium	39-2	433.98	453.22	443.86	443.69	2.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	-1.87	-1.87	3.89	0.05	6603.56	ppb
Selenium	78-2	0.19	-0.29	-0.76	-0.29		ppb
Selenium	82-1	1.43	0.15	0.04	0.54	143.30	ppb
Silicon	28-1	39.09	70.19	53.36	54.21	28.72	ppb
Silver	109-1	0.04	0.03	0.03	0.03	25.07	ppb
Silver	107-1	0.03	0.02	0.03	0.03	29.64	ppb
Sodium	23-2	515.15	531.65	515.70	520.83	1.80	ppb
Strontium	86-1	24.62	24.58	24.56	24.59	0.12	ppb
Strontium	88-1	24.56	24.55	24.88	24.67	0.76	ppb
Sulfur	34-1	-539.59	-335.16	-506.92	-460.56		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.02	0.02	4.47	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	32.07	ppb
Tin	118-1	0.13	0.12	0.08	0.11	24.94	ppb
Titanium	47-1	17.09	16.82	16.97	16.96	0.80	ppb
Uranium	238-1	0.03	0.01	0.03	0.02	33.07	ppb
Vanadium	51-2	1.68	1.51	1.50	1.56	6.60	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	10.78	10.37	10.67	10.61	2.01	ppb
Zirconium	90-1	0.35	0.35	0.37	0.36	3.25	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:01:31	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.40	0.33	0.38	0.37	8.87	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:04:42	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	693.02	778.78	754.85	742.22	5.96	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	8.49	ppb
Arsenic	75-2	1.31	1.17	1.15	1.21	6.92	ppb
Barium	135-1	14.05	13.56	13.33	13.65	2.70	ppb
Barium	137-1	13.95	13.92	13.61	13.83	1.37	ppb
Beryllium	9-1	0.08	0.03	0.04	0.05	49.64	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	3.48	2.98	3.50	3.32	8.76	ppb
Boron	11-1	3.03	2.88	2.80	2.90	4.08	ppb
Cadmium	111-1	-0.03	-0.03	-0.04	-0.03		ppb
Cadmium	106-1	-0.99	-0.90	-0.77	-0.88		ppb
Cadmium	108-1	0.01	-0.02	0.11	0.03	213.93	ppb
Calcium	43-1	8441.40	8162.79	8310.36	8304.85	1.68	ppb
Calcium	44-1	8385.90	8334.10	8315.91	8345.30	0.44	ppb
Chromium	52-2	1.26	1.50	1.28	1.35	9.97	ppb
Cobalt	59-2	0.61	0.62	0.66	0.63	3.73	ppb
Copper	63-2	3.01	3.16	2.91	3.03	4.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	1393.28	1400.99	1407.20	1400.49	0.50	ppb
Iron	57-2	1407.72	1406.99	1400.83	1405.18	0.27	ppb
Lead	206-1	2.54	2.57	2.60	2.57	1.34	ppb
Lead	207-1	2.37	2.31	2.40	2.36	2.03	ppb
Lead	208-1	2.44	2.47	2.52	2.48	1.54	ppb
Lithium	6-1				80		%
Magnesium	24-2	1285.64	1292.13	1251.24	1276.34	1.72	ppb
Manganese	55-2	37.74	36.58	38.04	37.45	2.06	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:04:42	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.99	0.41	0.38	0.59	57.17	ppb
Molybdenum	95-1	0.19	0.14	0.18	0.17	15.67	ppb
Molybdenum	96-1	0.19	0.19	0.24	0.21	12.83	ppb
Molybdenum	97-1	0.16	0.28	0.25	0.23	27.12	ppb
Molybdenum	98-1	0.14	0.13	0.16	0.14	10.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.49	1.42	1.48	1.46	2.63	ppb
Phosphorus	31-2	139.20	151.67	116.18	135.68	13.27	ppb
Potassium	39-2	271.15	278.28	276.21	275.21	1.33	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.96	6.67	-1.87	1.92	226.74	ppb
Selenium	78-2	1.10	0.17	1.11	0.79	67.60	ppb
Selenium	82-1	-1.26	-0.29	1.06	-0.17		ppb
Silicon	28-1	110.69	82.95	106.01	99.88	14.87	ppb
Silver	109-1	0.03	0.01	0.02	0.02	29.89	ppb
Silver	107-1	0.02	0.03	0.02	0.02	21.53	ppb
Sodium	23-2	100.80	106.33	94.03	100.39	6.14	ppb
Strontium	86-1	16.34	16.57	16.84	16.58	1.51	ppb
Strontium	88-1	16.96	16.87	17.29	17.04	1.32	ppb
Sulfur	34-1	-467.38	-578.38	-477.26	-507.67		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.04	0.04	0.05	13.87	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	18.10	ppb
Tin	118-1	0.06	0.09	0.07	0.07	20.80	ppb
Titanium	47-1	17.83	16.73	17.54	17.37	3.28	ppb
Uranium	238-1	0.09	0.07	0.09	0.08	11.53	ppb
Vanadium	51-2	2.56	2.32	2.40	2.43	5.07	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	6.78	6.62	6.52	6.64	1.94	ppb
Zirconium	90-1	0.50	0.52	0.53	0.51	2.71	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:04:42	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.50	0.57	0.52	0.53	6.03	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:07:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	726.59	733.82	772.00	744.13	3.28	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	3.74	ppb
Arsenic	75-2	1.44	1.42	1.33	1.40	3.94	ppb
Barium	135-1	13.20	12.33	12.41	12.65	3.80	ppb
Barium	137-1	12.66	12.78	12.58	12.68	0.77	ppb
Beryllium	9-1	0.08	0.08	0.02	0.06	54.15	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	3.13	3.53	3.24	3.30	6.21	ppb
Boron	11-1	2.56	2.37	2.91	2.61	10.65	ppb
Cadmium	111-1	-0.07	-0.02	0.03	-0.02		ppb
Cadmium	106-1	-1.46	-0.90	-0.07	-0.81		ppb
Cadmium	108-1	0.08	0.11	0.04	0.08	45.04	ppb
Calcium	43-1	7570.17	7650.42	7589.96	7603.52	0.55	ppb
Calcium	44-1	7729.22	7668.76	7629.22	7675.74	0.66	ppb
Chromium	52-2	2.26	2.40	2.13	2.26	5.85	ppb
Cobalt	59-2	0.65	0.64	0.70	0.66	4.36	ppb
Copper	63-2	40.74	39.69	40.35	40.26	1.32	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				101		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	1283.71	1296.30	1294.75	1291.58	0.53	ppb
Iron	57-2	1295.77	1299.52	1307.10	1300.80	0.44	ppb
Lead	206-1	4.60	4.65	4.47	4.57	2.01	ppb
Lead	207-1	4.15	4.10	4.13	4.13	0.62	ppb
Lead	208-1	4.41	4.40	4.33	4.38	1.05	ppb
Lithium	6-1				82		%
Magnesium	24-2	1224.90	1178.22	1230.05	1211.05	2.36	ppb
Manganese	55-2	32.65	35.37	32.76	33.59	4.59	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:07:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.48	0.45	0.44	9.79	ppb
Molybdenum	95-1	0.58	0.56	0.58	0.57	2.20	ppb
Molybdenum	96-1	0.50	0.55	0.60	0.55	8.97	ppb
Molybdenum	97-1	0.68	0.65	0.64	0.65	3.11	ppb
Molybdenum	98-1	0.54	0.61	0.62	0.59	7.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.82	1.66	1.68	7.47	ppb
Phosphorus	31-2	172.21	125.93	150.53	149.55	15.48	ppb
Potassium	39-2	304.88	315.53	299.19	306.53	2.71	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	0.91	-1.87	-1.87	-0.94		ppb
Selenium	78-2	1.07	0.64	2.03	1.25	57.00	ppb
Selenium	82-1	0.43	0.35	0.03	0.27	80.05	ppb
Silicon	28-1	83.23	49.03	77.05	69.77	26.12	ppb
Silver	109-1	0.05	0.04	0.05	0.05	8.77	ppb
Silver	107-1	0.05	0.05	0.03	0.05	21.36	ppb
Sodium	23-2	48.47	40.09	43.06	43.87	9.68	ppb
Strontium	86-1	10.80	10.78	11.10	10.89	1.68	ppb
Strontium	88-1	10.85	10.81	10.88	10.85	0.29	ppb
Sulfur	34-1	-253.38	-232.55	-360.61	-282.18		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.02	0.02	7.73	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.26	ppb
Tin	118-1	0.11	0.13	0.13	0.12	9.90	ppb
Titanium	47-1	22.91	22.66	23.67	23.08	2.29	ppb
Uranium	238-1	0.12	0.11	0.12	0.12	5.23	ppb
Vanadium	51-2	2.42	2.80	2.76	2.66	7.99	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	8.34	8.85	8.47	8.55	3.05	ppb
Zirconium	90-1	0.33	0.29	0.29	0.31	6.92	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:07:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.33	0.35	0.33	6.44	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:11:06	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	685.47	747.99	741.23	724.90	4.73	ppb
Antimony	121-1	0.14	0.16	0.15	0.15	6.44	ppb
Arsenic	75-2	1.11	1.22	1.02	1.12	9.01	ppb
Barium	135-1	13.97	13.94	14.23	14.05	1.11	ppb
Barium	137-1	14.10	14.51	13.90	14.17	2.21	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	28.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	4.28	3.64	3.47	3.79	11.33	ppb
Boron	11-1	2.53	3.13	2.56	2.74	12.30	ppb
Cadmium	111-1	0.00	0.04	0.03	0.02	104.80	ppb
Cadmium	106-1	-0.88	-0.86	-1.36	-1.03		ppb
Cadmium	108-1	0.28	0.12	0.04	0.15	83.34	ppb
Calcium	43-1	5700.98	5704.52	5799.30	5734.93	0.97	ppb
Calcium	44-1	5825.48	5828.10	5827.53	5827.04	0.02	ppb
Chromium	52-2	1.57	1.55	1.59	1.57	1.45	ppb
Cobalt	59-2	0.86	0.83	0.88	0.86	2.97	ppb
Copper	63-2	9.41	9.51	9.30	9.41	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	1554.65	1620.11	1568.79	1581.18	2.18	ppb
Iron	57-2	1577.01	1628.31	1570.94	1592.09	1.98	ppb
Lead	206-1	9.19	9.42	9.35	9.32	1.25	ppb
Lead	207-1	8.54	8.81	8.65	8.67	1.57	ppb
Lead	208-1	8.94	9.16	9.12	9.07	1.24	ppb
Lithium	6-1				80		%
Magnesium	24-2	1357.62	1406.58	1374.01	1379.41	1.81	ppb
Manganese	55-2	38.60	39.00	37.71	38.44	1.72	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:11:06	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.21	0.17	0.20	12.46	ppb
Molybdenum	95-1	0.14	0.15	0.14	0.14	4.71	ppb
Molybdenum	96-1	0.17	0.17	0.18	0.17	4.17	ppb
Molybdenum	97-1	0.17	0.21	0.18	0.18	11.72	ppb
Molybdenum	98-1	0.16	0.17	0.16	0.16	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.88	1.84	1.76	1.82	3.39	ppb
Phosphorus	31-2	116.22	106.54	91.90	104.89	11.68	ppb
Potassium	39-2	316.83	334.59	312.51	321.31	3.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	3.87	1.01	6.69	3.86	73.70	ppb
Selenium	78-2	0.65	-0.29	-0.29	0.03	2124.29	ppb
Selenium	82-1	0.17	-0.61	0.11	-0.11		ppb
Silicon	28-1	64.06	58.97	38.19	53.74	25.50	ppb
Silver	109-1	0.03	0.03	0.04	0.03	21.69	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.40	ppb
Sodium	23-2	46.17	53.79	49.44	49.80	7.68	ppb
Strontium	86-1	13.98	13.89	13.45	13.77	2.08	ppb
Strontium	88-1	13.94	13.84	13.77	13.85	0.61	ppb
Sulfur	34-1	-282.77	-288.41	-167.78	-246.32		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.03	0.01	0.02	35.24	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	11.04	ppb
Tin	118-1	0.31	0.33	0.29	0.31	6.86	ppb
Titanium	47-1	22.00	22.71	37.25	27.32	31.51	ppb
Uranium	238-1	0.02	0.02	0.04	0.03	36.33	ppb
Vanadium	51-2	2.36	2.15	2.30	2.27	4.76	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	29.79	29.88	28.58	29.42	2.47	ppb
Zirconium	90-1	0.24	0.24	0.27	0.25	7.37	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:11:06	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.25	0.22	0.24	7.23	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:14:17	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	290.98	305.59	307.96	301.51	3.05	ppb
Antimony	121-1	0.39	0.40	0.38	0.39	2.11	ppb
Arsenic	75-2	4.39	4.32	4.57	4.43	2.87	ppb
Barium	135-1	9.31	9.43	9.77	9.50	2.50	ppb
Barium	137-1	9.52	9.16	9.66	9.45	2.75	ppb
Beryllium	9-1	-0.01	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	2.07	3.12	2.90	2.70	20.56	ppb
Boron	11-1	2.31	1.87	2.13	2.10	10.49	ppb
Cadmium	111-1	-0.06	0.03	0.04	0.00	1236.85	ppb
Cadmium	106-1	-1.69	0.08	0.03	-0.53		ppb
Cadmium	108-1	0.01	0.29	0.15	0.15	90.23	ppb
Calcium	43-1	4645.28	4593.42	4716.14	4651.61	1.32	ppb
Calcium	44-1	4733.94	4711.00	4807.28	4750.74	1.06	ppb
Chromium	52-2	1.91	1.85	1.98	1.91	3.47	ppb
Cobalt	59-2	0.30	0.30	0.34	0.31	7.64	ppb
Copper	63-2	5.35	5.22	5.65	5.40	4.08	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				99		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	1871.20	1939.47	1953.41	1921.36	2.29	ppb
Iron	57-2	1876.66	1873.99	1893.84	1881.50	0.57	ppb
Lead	206-1	41.50	41.75	41.39	41.55	0.45	ppb
Lead	207-1	38.52	39.40	38.56	38.83	1.27	ppb
Lead	208-1	40.21	40.34	40.17	40.24	0.22	ppb
Lithium	6-1				80		%
Magnesium	24-2	1068.77	1114.84	1114.59	1099.40	2.41	ppb
Manganese	55-2	50.87	50.96	52.26	51.37	1.51	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:14:17	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.25	0.24	0.24	2.16	ppb
Molybdenum	95-1	0.32	0.32	0.36	0.33	6.80	ppb
Molybdenum	96-1	0.33	0.29	0.31	0.31	5.41	ppb
Molybdenum	97-1	0.34	0.36	0.38	0.36	6.02	ppb
Molybdenum	98-1	0.35	0.38	0.35	0.36	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	1.46	1.57	1.45	8.83	ppb
Phosphorus	31-2	76.58	163.53	105.27	115.13	38.48	ppb
Potassium	39-2	105.29	108.75	103.22	105.75	2.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	3.87	3.89	6.73	4.83	34.11	ppb
Selenium	78-2	-0.76	-0.76	2.06	0.18	896.11	ppb
Selenium	82-1	1.25	1.12	0.15	0.84	71.96	ppb
Silicon	28-1	98.13	73.51	71.35	81.00	18.36	ppb
Silver	109-1	0.06	0.08	0.08	0.07	16.21	ppb
Silver	107-1	0.07	0.08	0.05	0.07	25.85	ppb
Sodium	23-2	77.85	80.31	79.67	79.28	1.61	ppb
Strontium	86-1	10.74	11.16	11.09	11.00	2.03	ppb
Strontium	88-1	11.12	11.26	11.33	11.24	0.96	ppb
Sulfur	34-1	-147.97	-413.12	-302.05	-287.72		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.00	0.00	146.54	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.62	ppb
Tin	118-1	0.19	0.21	0.27	0.22	19.46	ppb
Titanium	47-1	12.11	11.32	11.43	11.62	3.67	ppb
Uranium	238-1	0.09	0.11	0.09	0.10	6.84	ppb
Vanadium	51-2	1.79	1.94	1.79	1.84	4.72	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	120.37	123.48	127.35	123.73	2.83	ppb
Zirconium	90-1	0.21	0.22	0.21	0.21	2.42	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:14:17	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.25	0.18	0.23	19.53	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:17:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	487.52	526.02	526.38	513.31	4.35	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	14.31	ppb
Arsenic	75-2	1.18	1.18	0.95	1.11	12.22	ppb
Barium	135-1	8.22	8.08	8.78	8.36	4.43	ppb
Barium	137-1	8.13	8.57	8.69	8.46	3.49	ppb
Beryllium	9-1	-0.04	0.06	-0.01	0.00	1627.21	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	3.28	2.70	3.27	3.08	10.81	ppb
Boron	11-1	2.92	2.31	2.77	2.67	11.83	ppb
Cadmium	111-1	-0.07	-0.05	-0.04	-0.05		ppb
Cadmium	106-1	-1.13	-0.99	-0.97	-1.03		ppb
Cadmium	108-1	0.08	0.01	-0.02	0.02	230.80	ppb
Calcium	43-1	5266.11	5214.98	5256.47	5245.85	0.52	ppb
Calcium	44-1	5457.56	5320.32	5325.14	5367.67	1.45	ppb
Chromium	52-2	0.77	0.75	0.92	0.81	11.88	ppb
Cobalt	59-2	0.37	0.36	0.34	0.36	3.97	ppb
Copper	63-2	2.07	2.16	2.31	2.18	5.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	931.21	913.92	926.10	923.74	0.96	ppb
Iron	57-2	944.95	926.92	919.36	930.41	1.41	ppb
Lead	206-1	2.23	2.29	2.31	2.28	1.83	ppb
Lead	207-1	2.13	2.29	2.22	2.21	3.61	ppb
Lead	208-1	2.20	2.28	2.32	2.27	2.50	ppb
Lithium	6-1				80		%
Magnesium	24-2	1163.80	1142.04	1163.61	1156.48	1.08	ppb
Manganese	55-2	35.79	35.27	36.82	35.96	2.20	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:17:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.21	0.16	0.18	12.41	ppb
Molybdenum	95-1	0.20	0.18	0.19	0.19	4.85	ppb
Molybdenum	96-1	0.14	0.19	0.17	0.17	13.67	ppb
Molybdenum	97-1	0.20	0.21	0.21	0.21	2.32	ppb
Molybdenum	98-1	0.19	0.17	0.16	0.18	9.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.97	0.91	0.91	5.85	ppb
Phosphorus	31-2	140.73	41.83	79.86	87.47	57.03	ppb
Potassium	39-2	271.47	250.24	251.60	257.77	4.61	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	-1.87	3.81	-1.87	0.02	13659.93	ppb
Selenium	78-2	0.18	0.17	0.18	0.18	3.87	ppb
Selenium	82-1	0.81	0.95	-0.25	0.50	130.90	ppb
Silicon	28-1	68.25	103.51	46.69	72.82	39.39	ppb
Silver	109-1	0.03	0.02	0.02	0.02	34.16	ppb
Silver	107-1	0.02	0.02	0.01	0.02	36.67	ppb
Sodium	23-2	266.03	269.56	271.96	269.18	1.11	ppb
Strontium	86-1	11.91	12.12	11.95	11.99	0.96	ppb
Strontium	88-1	12.00	12.04	11.91	11.98	0.53	ppb
Sulfur	34-1	13.12	-356.08	-186.47	-176.48		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	0.01	0.03	0.01	154.38	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	29.69	ppb
Tin	118-1	0.08	0.07	0.05	0.07	26.93	ppb
Titanium	47-1	14.02	13.24	14.15	13.80	3.56	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	12.01	ppb
Vanadium	51-2	1.43	1.49	1.59	1.50	5.12	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	5.38	6.06	6.02	5.82	6.63	ppb
Zirconium	90-1	0.14	0.17	0.18	0.16	13.39	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:17:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.14	0.16	0.15	6.78	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:20:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	399.87	457.94	433.22	430.34	6.77	ppb
Antimony	121-1	0.07	0.08	0.08	0.07	9.12	ppb
Arsenic	75-2	1.27	1.46	1.28	1.34	7.85	ppb
Barium	135-1	18.30	17.80	17.84	17.98	1.54	ppb
Barium	137-1	18.32	18.59	17.91	18.27	1.88	ppb
Beryllium	9-1	0.01	0.04	-0.02	0.01	393.84	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	3.81	3.10	2.37	3.10	23.22	ppb
Boron	11-1	2.61	2.32	2.08	2.34	11.40	ppb
Cadmium	111-1	-0.06	-0.01	-0.05	-0.04		ppb
Cadmium	106-1	-1.87	-0.92	-1.30	-1.36		ppb
Cadmium	108-1	0.05	0.08	-0.02	0.04	155.77	ppb
Calcium	43-1	7295.74	7162.96	7207.12	7221.94	0.94	ppb
Calcium	44-1	7413.34	7311.27	7304.64	7343.08	0.83	ppb
Chromium	52-2	1.13	1.17	1.14	1.15	1.93	ppb
Cobalt	59-2	0.34	0.30	0.30	0.31	7.19	ppb
Copper	63-2	4.30	4.53	4.47	4.43	2.68	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				100		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	800.60	806.88	814.15	807.21	0.84	ppb
Iron	57-2	794.25	831.96	832.09	819.43	2.66	ppb
Lead	206-1	2.96	2.95	2.95	2.95	0.24	ppb
Lead	207-1	2.60	2.77	2.60	2.66	3.75	ppb
Lead	208-1	2.82	2.82	2.80	2.81	0.42	ppb
Lithium	6-1				80		%
Magnesium	24-2	1392.03	1399.08	1373.18	1388.10	0.96	ppb
Manganese	55-2	22.19	23.23	23.79	23.07	3.51	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:20:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.21	0.19	0.20	6.97	ppb
Molybdenum	95-1	0.36	0.38	0.34	0.36	5.55	ppb
Molybdenum	96-1	0.36	0.34	0.30	0.33	8.90	ppb
Molybdenum	97-1	0.40	0.37	0.37	0.38	4.78	ppb
Molybdenum	98-1	0.34	0.36	0.35	0.35	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.95	0.91	0.93	2.19	ppb
Phosphorus	31-2	77.94	152.94	79.00	103.29	41.63	ppb
Potassium	39-2	191.30	187.28	197.17	191.92	2.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	-1.87	0.97	0.94	0.02	9935.15	ppb
Selenium	78-2	-0.29	0.64	-0.30	0.02	3111.94	ppb
Selenium	82-1	-1.25	0.12	0.18	-0.32		ppb
Silicon	28-1	59.06	46.41	79.79	61.75	27.29	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.57	ppb
Silver	107-1	0.01	0.02	0.03	0.02	34.63	ppb
Sodium	23-2	115.67	118.48	116.30	116.82	1.26	ppb
Strontium	86-1	15.35	14.88	15.10	15.11	1.58	ppb
Strontium	88-1	15.55	15.54	15.14	15.41	1.54	ppb
Sulfur	34-1	94.64	47.13	-177.16	-11.80		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.04	0.02	0.02	38.45	ppb
Thallium	205-1	0.01	0.03	0.03	0.03	40.35	ppb
Tin	118-1	0.11	0.12	0.08	0.10	23.53	ppb
Titanium	47-1	12.73	12.87	12.83	12.81	0.56	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	6.91	ppb
Vanadium	51-2	1.35	1.33	1.31	1.33	1.81	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	7.90	8.75	9.15	8.60	7.46	ppb
Zirconium	90-1	0.16	0.17	0.17	0.17	2.92	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:20:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.14	0.16	0.16	7.40	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:23:50	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	718.98	812.46	788.19	773.21	6.27	ppb
Antimony	121-1	0.17	0.15	0.14	0.15	12.56	ppb
Arsenic	75-2	1.24	1.23	1.45	1.31	9.67	ppb
Barium	135-1	14.96	14.91	14.35	14.74	2.28	ppb
Barium	137-1	14.94	14.49	14.35	14.59	2.11	ppb
Beryllium	9-1	0.00	0.05	0.03	0.03	95.23	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	3.52	2.69	2.79	3.00	15.07	ppb
Boron	11-1	2.23	2.43	2.31	2.32	4.28	ppb
Cadmium	111-1	0.04	0.00	0.02	0.02	79.64	ppb
Cadmium	106-1	-0.49	-1.45	-0.69	-0.88		ppb
Cadmium	108-1	0.15	0.19	0.25	0.20	24.11	ppb
Calcium	43-1	6199.75	6253.32	6249.36	6234.14	0.48	ppb
Calcium	44-1	6374.05	6284.77	6278.13	6312.32	0.85	ppb
Chromium	52-2	1.74	1.72	1.75	1.74	0.91	ppb
Cobalt	59-2	0.61	0.67	0.62	0.63	5.34	ppb
Copper	63-2	9.89	10.02	9.91	9.94	0.70	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				96		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	1654.69	1630.23	1595.43	1626.78	1.83	ppb
Iron	57-2	1621.36	1607.22	1593.53	1607.37	0.87	ppb
Lead	206-1	10.94	10.69	10.96	10.86	1.39	ppb
Lead	207-1	10.41	10.36	10.34	10.37	0.37	ppb
Lead	208-1	10.73	10.67	10.70	10.70	0.30	ppb
Lithium	6-1				81		%
Magnesium	24-2	1645.34	1586.45	1574.75	1602.18	2.36	ppb
Manganese	55-2	39.03	38.23	37.77	38.34	1.66	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:23:50	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.22	0.24	0.23	4.27	ppb
Molybdenum	95-1	0.13	0.13	0.14	0.14	3.71	ppb
Molybdenum	96-1	0.15	0.18	0.18	0.17	11.15	ppb
Molybdenum	97-1	0.17	0.15	0.14	0.15	10.96	ppb
Molybdenum	98-1	0.12	0.13	0.14	0.13	7.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	1.85	1.81	1.84	1.36	ppb
Phosphorus	31-2	165.04	188.41	160.58	171.34	8.72	ppb
Potassium	39-2	345.93	351.91	351.82	349.89	0.98	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	0.96	0.99	-1.87	0.03	6101.82	ppb
Selenium	78-2	0.64	1.12	2.52	1.43	68.69	ppb
Selenium	82-1	-0.57	1.22	0.03	0.23	400.50	ppb
Silicon	28-1	95.93	87.84	76.00	86.59	11.57	ppb
Silver	109-1	0.05	0.04	0.05	0.04	10.02	ppb
Silver	107-1	0.05	0.03	0.05	0.04	23.01	ppb
Sodium	23-2	58.76	55.37	51.14	55.09	6.92	ppb
Strontium	86-1	14.70	14.52	14.31	14.51	1.32	ppb
Strontium	88-1	14.84	14.83	14.63	14.76	0.82	ppb
Sulfur	34-1	-109.39	-269.44	-366.27	-248.37		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.04	0.01	0.02	58.44	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	33.32	ppb
Tin	118-1	0.48	0.44	0.45	0.46	4.63	ppb
Titanium	47-1	21.61	22.05	21.81	21.82	1.03	ppb
Uranium	238-1	0.03	0.06	0.05	0.05	31.02	ppb
Vanadium	51-2	2.06	2.08	2.07	2.07	0.38	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	39.72	39.17	36.69	38.53	4.19	ppb
Zirconium	90-1	0.29	0.29	0.26	0.28	5.89	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:23:50	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.37	0.27	0.24	0.29	23.39	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:27:02	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	777.56	720.74	750.45	749.58	3.79	ppb
Antimony	121-1	0.14	0.16	0.15	0.15	6.19	ppb
Arsenic	75-2	1.46	1.32	1.18	1.32	10.66	ppb
Barium	135-1	14.44	14.52	14.34	14.43	0.60	ppb
Barium	137-1	14.70	14.49	14.34	14.51	1.26	ppb
Beryllium	9-1	0.01	0.04	-0.02	0.01	345.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	2.95	2.95	3.13	3.01	3.41	ppb
Boron	11-1	2.86	2.90	2.40	2.72	10.30	ppb
Cadmium	111-1	0.00	0.06	-0.03	0.01	412.02	ppb
Cadmium	106-1	-1.35	-0.09	-1.25	-0.89		ppb
Cadmium	108-1	0.05	0.40	0.05	0.16	123.15	ppb
Calcium	43-1	6106.87	6067.82	6285.10	6153.26	1.88	ppb
Calcium	44-1	6148.66	6132.03	6229.62	6170.10	0.85	ppb
Chromium	52-2	1.95	1.85	1.58	1.79	10.56	ppb
Cobalt	59-2	0.68	0.58	0.64	0.63	7.90	ppb
Copper	63-2	10.04	9.52	9.70	9.76	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	1652.56	1555.75	1604.58	1604.30	3.02	ppb
Iron	57-2	1692.55	1572.66	1580.10	1615.10	4.16	ppb
Lead	206-1	10.85	10.81	10.58	10.74	1.34	ppb
Lead	207-1	10.06	10.07	10.19	10.10	0.72	ppb
Lead	208-1	10.61	10.48	10.60	10.56	0.67	ppb
Lithium	6-1				81		%
Magnesium	24-2	1618.79	1574.91	1576.37	1590.02	1.57	ppb
Manganese	55-2	39.15	37.59	38.72	38.49	2.10	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:27:02	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.21	0.33	0.26	22.68	ppb
Molybdenum	95-1	0.14	0.13	0.15	0.14	7.76	ppb
Molybdenum	96-1	0.15	0.17	0.16	0.16	5.69	ppb
Molybdenum	97-1	0.16	0.16	0.18	0.17	7.83	ppb
Molybdenum	98-1	0.13	0.13	0.12	0.13	6.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	1.61	1.60	1.71	10.43	ppb
Phosphorus	31-2	83.44	100.91	126.66	103.67	20.97	ppb
Potassium	39-2	592.50	316.52	334.72	414.58	37.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	4.17	3.75	0.96	2.96	58.87	ppb
Selenium	78-2	1.72	-0.76	2.49	1.15	147.55	ppb
Selenium	82-1	1.16	1.29	-0.67	0.59	185.75	ppb
Silicon	28-1	109.73	64.76	76.53	83.67	27.87	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.24	ppb
Silver	107-1	0.04	0.04	0.04	0.04	8.95	ppb
Sodium	23-2	61.27	49.87	55.19	55.44	10.29	ppb
Strontium	86-1	14.44	14.71	14.51	14.56	0.94	ppb
Strontium	88-1	14.54	14.56	14.38	14.49	0.69	ppb
Sulfur	34-1	-251.00	-384.81	-201.52	-279.11		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.02	0.03	0.02	24.78	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	14.08	ppb
Tin	118-1	0.50	0.53	0.50	0.51	3.17	ppb
Titanium	47-1	21.72	21.10	20.71	21.18	2.40	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	11.09	ppb
Vanadium	51-2	2.21	2.03	2.06	2.10	4.50	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	39.44	38.32	37.53	38.43	2.50	ppb
Zirconium	90-1	0.28	0.24	0.26	0.26	7.99	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:27:02	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.27	0.28	0.28	2.60	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-07 14:30:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	140.48	147.55	133.26	140.43	5.09	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	4.77	ppb
Arsenic	75-2	0.27	0.15	0.26	0.22	29.81	ppb
Barium	135-1	2.92	2.92	2.89	2.91	0.63	ppb
Barium	137-1	2.95	2.73	2.70	2.80	4.84	ppb
Beryllium	9-1	0.02	-0.02	-0.04	-0.01		ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	2.19	1.82	1.35	1.78	23.63	ppb
Boron	11-1	1.18	1.18	1.26	1.20	3.71	ppb
Cadmium	111-1	-0.06	-0.06	-0.08	-0.06		ppb
Cadmium	106-1	-0.98	-1.02	-1.41	-1.14		ppb
Cadmium	108-1	0.08	-0.09	-0.02	-0.01		ppb
Calcium	43-1	1266.31	1258.67	1289.13	1271.37	1.25	ppb
Calcium	44-1	1186.23	1185.52	1227.11	1199.62	1.98	ppb
Chromium	52-2	0.17	0.23	0.21	0.20	15.33	ppb
Cobalt	59-2	0.09	0.11	0.10	0.10	11.30	ppb
Copper	63-2	1.54	1.59	1.73	1.62	6.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	306.16	316.21	311.03	311.13	1.62	ppb
Iron	57-2	316.66	307.01	307.53	310.40	1.75	ppb
Lead	206-1	2.17	2.25	2.15	2.19	2.36	ppb
Lead	207-1	2.01	1.97	2.00	2.00	0.93	ppb
Lead	208-1	2.09	2.12	2.12	2.11	0.78	ppb
Lithium	6-1				80		%
Magnesium	24-2	299.99	330.15	314.11	314.75	4.79	ppb
Manganese	55-2	7.32	7.52	7.66	7.50	2.22	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-07 14:30:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.03	0.03	3.64	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	130.43	ppb
Molybdenum	96-1	0.01	0.03	0.00	0.01	100.29	ppb
Molybdenum	97-1	0.07	0.04	0.09	0.07	37.45	ppb
Molybdenum	98-1	-0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.33	0.26	0.31	12.64	ppb
Phosphorus	31-2	64.49	30.35	-5.97	29.63	118.93	ppb
Potassium	39-2	76.83	66.79	68.04	70.55	7.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	-1.87	-1.87	-1.87	-1.87		ppb
Selenium	78-2	-0.76	0.17	1.14	0.18	514.22	ppb
Selenium	82-1	-0.81	-0.84	-0.87	-0.84		ppb
Silicon	28-1	23.60	-4.48	-4.37	4.91	329.19	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.59	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.81	ppb
Sodium	23-2	16.96	24.07	15.49	18.84	24.36	ppb
Strontium	86-1	2.89	2.69	3.02	2.87	5.73	ppb
Strontium	88-1	3.01	2.92	2.91	2.94	1.80	ppb
Sulfur	34-1	-224.56	-173.44	-75.57	-157.85		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	0.00	0.00	-0.01		ppb
Thallium	205-1	0.02	0.01	0.02	0.01	38.50	ppb
Tin	118-1	0.10	0.15	0.15	0.13	21.37	ppb
Titanium	47-1	4.24	4.20	4.29	4.24	1.04	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.46	0.39	0.38	0.41	10.80	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	7.20	7.18	7.43	7.27	1.85	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	12.59	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-07 14:30:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.09	0.16	0.10	53.12	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:33:24	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	779.97	752.13	761.15	764.42	1.86	ppb
Antimony	121-1	1.04	1.06	1.07	1.06	1.28	ppb
Arsenic	75-2	1.73	1.56	1.76	1.68	6.55	ppb
Barium	135-1	34.64	32.80	32.97	33.47	3.04	ppb
Barium	137-1	32.72	32.41	33.95	33.03	2.46	ppb
Beryllium	9-1	0.52	0.50	0.58	0.53	8.27	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	2.38	2.07	2.99	2.48	19.04	ppb
Boron	11-1	2.54	2.86	2.49	2.63	7.58	ppb
Cadmium	111-1	0.44	0.57	0.50	0.50	13.20	ppb
Cadmium	106-1	-0.77	-0.35	-1.06	-0.73		ppb
Cadmium	108-1	0.40	0.50	0.50	0.47	12.64	ppb
Calcium	43-1	6082.77	6165.55	6129.42	6125.91	0.68	ppb
Calcium	44-1	6180.14	6347.34	6243.80	6257.09	1.35	ppb
Chromium	52-2	3.62	3.45	3.63	3.57	2.90	ppb
Cobalt	59-2	5.48	5.50	5.45	5.48	0.53	ppb
Copper	63-2	12.25	12.34	12.59	12.39	1.41	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				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	1701.65	1605.17	1671.27	1659.36	2.97	ppb
Iron	57-2	1599.87	1579.57	1673.15	1617.53	3.04	ppb
Lead	206-1	11.36	11.13	11.04	11.18	1.49	ppb
Lead	207-1	10.66	10.18	10.29	10.38	2.41	ppb
Lead	208-1	11.06	10.90	10.82	10.93	1.12	ppb
Lithium	6-1				82		%
Magnesium	24-2	1574.89	1567.10	1651.86	1597.95	2.93	ppb
Manganese	55-2	43.24	42.79	45.30	43.77	3.06	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:33:24	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.22	0.21	0.20	12.50	ppb
Molybdenum	95-1	0.13	0.14	0.13	0.14	4.50	ppb
Molybdenum	96-1	0.15	0.15	0.16	0.15	1.20	ppb
Molybdenum	97-1	0.16	0.14	0.20	0.16	18.87	ppb
Molybdenum	98-1	0.14	0.14	0.15	0.14	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.86	6.75	6.95	6.85	1.51	ppb
Phosphorus	31-2	172.78	197.55	129.28	166.53	20.75	ppb
Potassium	39-2	343.53	319.49	347.07	336.70	4.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	9.38	6.64	-1.87	4.72	124.39	ppb
Selenium	78-2	2.01	1.10	0.65	1.25	55.24	ppb
Selenium	82-1	0.73	1.28	0.01	0.67	94.52	ppb
Silicon	28-1	63.40	74.31	102.04	79.92	24.93	ppb
Silver	109-1	0.45	0.45	0.47	0.46	1.53	ppb
Silver	107-1	0.43	0.48	0.50	0.47	7.92	ppb
Sodium	23-2	49.94	48.94	61.38	53.42	12.94	ppb
Strontium	86-1	14.21	14.90	14.77	14.63	2.52	ppb
Strontium	88-1	14.62	14.87	14.63	14.70	0.95	ppb
Sulfur	34-1	-265.70	43.14	-313.30	-178.62		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.47	0.48	0.49	0.48	1.88	ppb
Thallium	205-1	0.49	0.47	0.49	0.48	2.36	ppb
Tin	118-1	0.48	0.56	0.45	0.50	10.60	ppb
Titanium	47-1	21.72	21.89	21.25	21.62	1.54	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	11.56	ppb
Vanadium	51-2	6.59	6.74	7.22	6.85	4.78	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	43.76	44.24	45.04	44.35	1.46	ppb
Zirconium	90-1	0.26	0.30	0.28	0.28	7.62	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:33:24	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.28	0.29	0.27	6.91	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:36:35	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48694.55	48799.41	47855.71	48449.89	1.07	ppb
Antimony	121-1	473.78	470.42	471.22	471.81	0.37	ppb
Arsenic	75-2	492.32	495.10	495.72	494.38	0.37	ppb
Barium	135-1	2374.19	2385.41	2365.92	2375.17	0.41	ppb
Barium	137-1	2370.06	2347.28	2347.07	2354.80	0.56	ppb
Beryllium	9-1	524.17	516.85	508.57	516.53	1.51	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	507.76	516.03	504.76	509.52	1.15	ppb
Boron	11-1	505.48	507.36	508.92	507.25	0.34	ppb
Cadmium	111-1	452.88	450.97	451.79	451.88	0.21	ppb
Cadmium	106-1	470.30	462.28	464.92	465.83	0.88	ppb
Cadmium	108-1	463.00	464.55	450.26	459.27	1.71	ppb
Calcium	43-1	235831.26	236675.65	232966.91	235157.94	0.83	ppb
Calcium	44-1	239121.92	235442.70	235742.32	236768.98	0.86	ppb
Chromium	52-2	511.58	503.89	497.04	504.17	1.44	ppb
Cobalt	59-2	493.18	487.31	480.00	486.83	1.36	ppb
Copper	63-2	999.86	980.30	967.48	982.55	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	119958.78	118845.99	116051.99	118285.58	1.70	ppb
Iron	57-2	123712.87	121605.51	120105.90	121808.09	1.49	ppb
Lead	206-1	462.91	460.39	458.80	460.70	0.45	ppb
Lead	207-1	457.61	462.35	459.30	459.75	0.52	ppb
Lead	208-1	470.68	469.64	466.00	468.77	0.52	ppb
Lithium	6-1				89		%
Magnesium	24-2	245869.07	245950.38	241187.35	244335.60	1.12	ppb
Manganese	55-2	998.94	990.19	972.81	987.31	1.35	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:36:35	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	474.55	462.05	475.06	470.55	1.57	ppb
Molybdenum	95-1	468.33	461.03	471.91	467.09	1.19	ppb
Molybdenum	96-1	468.98	458.06	468.16	465.07	1.31	ppb
Molybdenum	97-1	456.27	448.15	458.73	454.38	1.22	ppb
Molybdenum	98-1	470.30	464.46	469.80	468.18	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.35	489.26	482.20	489.94	1.65	ppb
Phosphorus	31-2	10069.74	9987.93	9758.38	9938.68	1.62	ppb
Potassium	39-2	122868.17	121378.47	118784.04	121010.23	1.71	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	473.59	509.44	491.77	491.60	3.65	ppb
Selenium	78-2	477.24	511.11	486.00	491.45	3.58	ppb
Selenium	82-1	456.94	450.20	461.15	456.10	1.21	ppb
Silicon	28-1	475.66	471.81	475.97	474.48	0.49	ppb
Silver	109-1	465.80	462.17	466.11	464.69	0.47	ppb
Silver	107-1	472.91	464.19	457.62	464.91	1.65	ppb
Sodium	23-2	247832.09	245208.84	239317.89	244119.61	1.79	ppb
Strontium	86-1	465.81	464.83	468.42	466.35	0.40	ppb
Strontium	88-1	474.93	472.06	470.86	472.62	0.44	ppb
Sulfur	34-1	9063.79	8890.22	8933.58	8962.53	1.01	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	479.29	474.07	472.73	475.36	0.73	ppb
Thallium	205-1	484.13	477.40	475.66	479.06	0.93	ppb
Tin	118-1	476.35	466.01	469.56	470.64	1.12	ppb
Titanium	47-1	465.21	462.79	458.01	462.01	0.79	ppb
Uranium	238-1	484.30	475.62	484.80	481.57	1.07	ppb
Vanadium	51-2	505.72	501.80	496.59	501.37	0.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	966.42	960.76	947.88	958.35	0.99	ppb
Zirconium	90-1	469.78	472.45	468.21	470.14	0.46	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:36:35	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	462.05	457.38	462.25	460.56	0.60	ppb

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : CCB056 Instrumnet Name : P8
 Client Sample ID : CCB056 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 14:39:39 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.60	2.79	-1.85	0.11	2102.36	ppb
Antimony	121-1	0.11	0.08	0.06	0.08	31.85	ppb
Arsenic	75-2	-0.05	-0.07	-0.04	-0.05		ppb
Barium	135-1	-0.05	-0.05	-0.04	-0.05		ppb
Barium	137-1	-0.03	-0.03	-0.02	-0.03		ppb
Beryllium	9-1	-0.01	-0.03	0.04	0.00	5426.70	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	11.98	8.47	10.53	10.33	17.08	ppb
Boron	11-1	10.31	9.94	9.56	9.94	3.77	ppb
Cadmium	111-1	-0.12	-0.07	-0.13	-0.10		ppb
Cadmium	106-1	-1.38	-0.85	-1.73	-1.32		ppb
Cadmium	108-1	0.07	-0.06	-0.03	0.00		ppb
Calcium	43-1	49.39	30.42	16.78	32.20	50.87	ppb
Calcium	44-1	-39.64	-36.93	-37.38	-37.98		ppb
Chromium	52-2	-0.03	-0.23	-0.21	-0.16		ppb
Cobalt	59-2	-0.01	-0.03	-0.01	-0.01		ppb
Copper	63-2	-0.37	-0.36	-0.38	-0.37		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	1.39	1.03	0.52	0.98	44.71	ppb
Iron	57-2	1.20	1.69	-2.34	0.18	1195.30	ppb
Lead	206-1	0.05	0.04	0.03	0.04	29.54	ppb
Lead	207-1	0.03	0.05	0.03	0.04	30.11	ppb
Lead	208-1	0.04	0.05	0.03	0.04	16.53	ppb
Lithium	6-1				94		%
Magnesium	24-2	2.54	1.52	1.56	1.87	30.90	ppb
Manganese	55-2	-0.11	-0.01	-0.10	-0.07		ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:39:39	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.00	0.01	95.56	ppb
Molybdenum	95-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.02	0.01	-0.01	0.01	193.67	ppb
Molybdenum	98-1	-0.01	-0.03	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.06	-0.05	-0.06		ppb
Phosphorus	31-2	-30.15	5.66	-18.07	-14.19		ppb
Potassium	39-2	41.62	33.90	26.38	33.97	22.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	-1.87	-1.87	-1.87	-1.87		ppb
Selenium	78-2	0.25	0.17	-0.30	0.04	717.07	ppb
Selenium	82-1	0.52	-0.04	-0.24	0.08	485.03	ppb
Silicon	28-1	-15.14	-15.88	-16.06	-15.69		ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.03	ppb
Silver	107-1	0.02	1.71	0.02	0.58	166.68	ppb
Sodium	23-2	73.34	49.19	51.05	57.86	23.23	ppb
Strontium	86-1	-0.03	0.02	-0.03	-0.01		ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-428.19	-152.70	-214.71	-265.20		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.04	0.03	0.04	36.39	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	9.27	ppb
Tin	118-1	0.10	0.10	0.10	0.10	3.86	ppb
Titanium	47-1	-0.09	-0.04	-0.08	-0.07		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	0.23	0.05	0.08	0.12	77.99	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	17.10	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:39:39	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.06	0.05	28.11	ppb

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:01:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	42	33	25.01	cps
Antimony	121-1	42	42	33	39	12.38	cps
Arsenic	75-2	15	9	13	12	22.89	cps
Barium	135-1	125	42	142	103	52.13	cps
Barium	137-1	142	83	150	125	29.06	cps
Beryllium	9-1	78	67	67	70	9.11	cps
Bismuth	209-1	2020678	2013651	2064185	2032838	1.35	cps
Bismuth	209-2	964030	972187	969609	968608	0.43	cps
Boron	10-1	183	158	225	189	17.83	cps
Boron	11-1	900	1225	1300	1142	18.62	cps
Cadmium	111-1	763	775	745	761	2.01	cps
Cadmium	106-1	1075	1083	1017	1058	3.43	cps
Cadmium	108-1	21	0	13	11	94.37	cps
Calcium	43-1	3492	3267	3784	3515	7.37	cps
Calcium	44-1	73551	72747	71039	72446	1.77	cps
Chromium	52-2	1487	1330	1327	1381	6.62	cps
Cobalt	59-2	170	110	180	153	24.69	cps
Copper	63-2	1343	1230	1350	1308	5.16	cps
Dysprosium	156-1	50	33	8	31	68.64	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	17	33	17	100.00	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	3553559	3526083	3611794	3563812	1.23	cps
Holmium	165-2	1289771	1290663	1297547	1292661	0.33	cps
Indium	115-1	3546406	3518626	3636758	3567263	1.73	cps
Indium	115-2	270794	274800	274986	273527	0.87	cps
Iron	56-2	4679	4751	4818	4749	1.46	cps
Iron	57-2	172	100	133	135	26.74	cps
Lead	206-1	289	300	306	298	2.85	cps
Lead	207-1	256	311	289	285	9.81	cps
Lead	208-1	1172	1161	1267	1200	4.83	cps
Lithium	6-1	405597	402935	408885	405806	0.73	cps
Magnesium	24-2	75	67	83	75	11.11	cps
Manganese	55-2	107	90	137	111	21.28	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:01:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	158	233	192	19.93	cps
Molybdenum	95-1	117	158	150	142	15.56	cps
Molybdenum	96-1	175	133	183	164	16.34	cps
Molybdenum	97-1	208	150	108	156	32.29	cps
Molybdenum	98-1	225	208	133	189	25.85	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	117	97	113	109	9.84	cps
Phosphorus	31-2	33	8	33	25	57.74	cps
Potassium	39-2	4334	4343	4243	4306	1.29	cps
Rhodium	103-1	3564379	3619493	3628171	3604014	0.96	cps
Rhodium	103-2	1400061	1414041	1401076	1405059	0.55	cps
Scandium	45-1	2751283	2695435	2723966	2723562	1.03	cps
Scandium	45-2	32999	33768	33056	33274	1.29	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	2	7	3	124.95	cps
Selenium	82-1	-242	-44	-11	-99	-126.76	cps
Silicon	28-1	421190	406920	418374	415495	1.82	cps
Silver	109-1	42	50	17	36	48.03	cps
Silver	107-1	50	67	33	50	33.34	cps
Sodium	23-2	7377	7010	7669	7352	4.49	cps
Strontium	86-1	2509	2375	2367	2417	3.29	cps
Strontium	88-1	142	242	192	192	26.09	cps
Sulfur	34-1	351343	347485	352858	350562	0.79	cps
Terbium	159-1	3751681	3789495	3824268	3788481	0.96	cps
Terbium	159-2	1281698	1284272	1295319	1287096	0.56	cps
Thallium	203-1	117	117	100	111	8.66	cps
Thallium	205-1	158	242	167	189	24.30	cps
Tin	118-1	692	600	592	628	8.84	cps
Titanium	47-1	200	217	233	217	7.69	cps
Uranium	238-1	500	483	400	461	11.62	cps
Vanadium	51-2	10	33	30	24	51.62	cps
Yttrium	89-1	4032270	3991093	4076797	4033387	1.06	cps
Yttrium	89-2	207738	207372	210526	208545	0.83	cps
Zinc	66-2	43	43	20	36	37.89	cps
Zirconium	90-1	292	275	250	272	7.70	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:01:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	25	75	56	48.22	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:08:13	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	183	225	178	28.25	cps
Antimony	121-1	13032	12832	12723	12862	1.22	cps
Arsenic	75-2	152	146	163	154	5.52	cps
Barium	135-1	12440	12723	12723	12629	1.30	cps
Barium	137-1	21952	22662	23539	22718	3.50	cps
Beryllium	9-1	1000	972	1256	1076	14.52	cps
Bismuth	209-1	1983270	2001693	1979479	1988147	0.60	cps
Bismuth	209-2	965611	917113	955444	946056	2.70	cps
Boron	10-1	2934	3125	3209	3089	4.57	cps
Boron	11-1	15351	15776	15868	15665	1.76	cps
Cadmium	111-1	2310	2293	2182	2262	3.08	cps
Cadmium	106-1	1267	1225	1133	1208	5.65	cps
Cadmium	108-1	104	104	100	103	2.34	cps
Calcium	43-1	12898	13290	13540	13243	2.44	cps
Calcium	44-1	224128	224417	224644	224396	0.12	cps
Chromium	52-2	3861	3967	3921	3916	1.37	cps
Cobalt	59-2	2700	2597	2487	2595	4.11	cps
Copper	63-2	6422	6405	6428	6418	0.19	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	3601199	3552049	3586384	3579877	0.70	cps
Holmium	165-2	1296201	1235074	1295450	1275575	2.75	cps
Indium	115-1	3548409	3586170	3607118	3580566	0.83	cps
Indium	115-2	272969	260366	269900	267745	2.45	cps
Iron	56-2	44661	45447	45123	45077	0.88	cps
Iron	57-2	1172	1183	1139	1165	1.99	cps
Lead	206-1	3806	3462	3578	3615	4.85	cps
Lead	207-1	3156	3323	2989	3156	5.28	cps
Lead	208-1	14409	14098	14470	14326	1.39	cps
Lithium	6-1	402028	398333	401226	400529	0.49	cps
Magnesium	24-2	19790	20073	20257	20040	1.17	cps
Manganese	55-2	463	397	413	424	8.17	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:08:13	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12748	12339	12698	12595	1.77	cps
Molybdenum	95-1	15384	15334	14625	15115	2.81	cps
Molybdenum	96-1	16402	16102	16561	16355	1.43	cps
Molybdenum	97-1	9429	9512	9354	9431	0.84	cps
Molybdenum	98-1	24264	23171	23722	23719	2.30	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	753	837	850	813	6.44	cps
Phosphorus	31-2	25	8	17	17	50.01	cps
Potassium	39-2	18221	18321	18421	18321	0.55	cps
Rhodium	103-1	3611311	3575882	3578652	3588615	0.55	cps
Rhodium	103-2	1415599	1340339	1398415	1384784	2.85	cps
Scandium	45-1	2724320	2708377	2676018	2702905	0.91	cps
Scandium	45-2	33069	31352	32601	32341	2.75	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	15	11	26	17	44.63	cps
Selenium	82-1	464	510	682	552	20.77	cps
Silicon	28-1	451091	446410	459038	452180	1.41	cps
Silver	109-1	9529	9629	9937	9698	2.20	cps
Silver	107-1	10530	10204	10580	10438	1.95	cps
Sodium	23-2	58153	57551	58764	58156	1.04	cps
Strontium	86-1	4476	4359	4718	4518	4.05	cps
Strontium	88-1	16945	17445	16936	17109	1.70	cps
Sulfur	34-1	351396	348273	348176	349282	0.52	cps
Terbium	159-1	3778874	3766557	3835579	3793670	0.97	cps
Terbium	159-2	1298151	1215169	1277337	1263552	3.42	cps
Thallium	203-1	3834	3834	4309	3993	6.87	cps
Thallium	205-1	9195	9170	9671	9346	3.02	cps
Tin	118-1	22002	23179	23054	22745	2.84	cps
Titanium	47-1	5043	5160	4868	5023	2.92	cps
Uranium	238-1	11122	10129	9980	10410	5.96	cps
Vanadium	51-2	3971	4324	4381	4225	5.26	cps
Yttrium	89-1	4019251	4039521	4029630	4029467	0.25	cps
Yttrium	89-2	209478	199581	207505	205521	2.55	cps
Zinc	66-2	457	467	410	444	6.81	cps
Zirconium	90-1	10871	10546	11113	10844	2.62	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:08:13	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2209	2592	2367	2389	8.06	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:11:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9020	9295	8870	9062	2.38	cps
Antimony	121-1	375170	380558	375834	377187	0.78	cps
Arsenic	75-2	8143	8151	8140	8144	0.07	cps
Barium	135-1	367749	366879	363031	365886	0.69	cps
Barium	137-1	637122	635296	629421	633947	0.63	cps
Beryllium	9-1	54376	54342	54264	54327	0.11	cps
Bismuth	209-1	2041373	2066163	2030270	2045935	0.90	cps
Bismuth	209-2	991177	991990	981743	988303	0.58	cps
Boron	10-1	7210	6710	6935	6952	3.60	cps
Boron	11-1	33883	33482	33574	33646	0.62	cps
Cadmium	111-1	87626	86352	86352	86776	0.85	cps
Cadmium	106-1	10029	9721	9537	9762	2.55	cps
Cadmium	108-1	6218	6118	6060	6132	1.31	cps
Calcium	43-1	114170	113179	114866	114072	0.74	cps
Calcium	44-1	1940103	1894957	1902790	1912616	1.26	cps
Chromium	52-2	69297	69478	68922	69232	0.41	cps
Cobalt	59-2	136204	134612	136182	135666	0.67	cps
Copper	63-2	237044	234947	237037	236342	0.51	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	33	33	25	57.74	cps
Erbium	164-2	10	3	20	11	75.52	cps
Gadolinium	160-1	42	33	58	44	28.65	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	3625947	3613134	3617950	3619010	0.18	cps
Holmium	165-2	1328552	1317198	1321151	1322300	0.44	cps
Indium	115-1	3643851	3634693	3604274	3627606	0.57	cps
Indium	115-2	275418	276868	275768	276018	0.27	cps
Iron	56-2	2332737	2328947	2313656	2325113	0.43	cps
Iron	57-2	58188	56799	59488	58159	2.31	cps
Lead	206-1	167676	170069	171342	169696	1.10	cps
Lead	207-1	152477	152274	149920	151557	0.94	cps
Lead	208-1	683002	685927	678672	682534	0.53	cps
Lithium	6-1	411759	408119	406900	408926	0.62	cps
Magnesium	24-2	230702	229802	233971	231492	0.95	cps
Manganese	55-2	39255	39031	39192	39159	0.29	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:11:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	294361	286316	290150	290276	1.39	cps
Molybdenum	95-1	171343	172147	172524	172005	0.35	cps
Molybdenum	96-1	219264	213625	216738	216542	1.30	cps
Molybdenum	97-1	107751	108171	106869	107597	0.62	cps
Molybdenum	98-1	276273	275017	277028	276106	0.37	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	40492	40863	40780	40712	0.48	cps
Phosphorus	31-2	642	700	742	694	7.23	cps
Potassium	39-2	79023	78099	79860	78994	1.11	cps
Rhodium	103-1	3651886	3644579	3649116	3648527	0.10	cps
Rhodium	103-2	1431936	1421803	1427126	1426955	0.36	cps
Scandium	45-1	2754340	2734107	2726102	2738183	0.53	cps
Scandium	45-2	33677	33416	32802	33298	1.35	cps
Selenium	77-2	73	70	67	70	4.76	cps
Selenium	78-2	181	211	207	200	8.07	cps
Selenium	82-1	5754	5597	5833	5728	2.10	cps
Silicon	28-1	643931	638281	645508	642573	0.59	cps
Silver	109-1	407991	405126	412534	408550	0.91	cps
Silver	107-1	438616	428201	434756	433858	1.21	cps
Sodium	23-2	569623	561117	578891	569877	1.56	cps
Strontium	86-1	111446	114126	112779	112784	1.19	cps
Strontium	88-1	954105	945466	948711	949427	0.46	cps
Sulfur	34-1	378570	379684	382815	380356	0.58	cps
Terbium	159-1	3878026	3837553	3838025	3851202	0.60	cps
Terbium	159-2	1320136	1318442	1309379	1315986	0.44	cps
Thallium	203-1	211291	210613	211001	210968	0.16	cps
Thallium	205-1	502626	502249	501694	502190	0.09	cps
Tin	118-1	259471	262436	261102	261003	0.57	cps
Titanium	47-1	55344	54641	55025	55004	0.64	cps
Uranium	238-1	586457	589931	582751	586380	0.61	cps
Vanadium	51-2	47698	48400	48169	48089	0.74	cps
Yttrium	89-1	4088715	4059167	4071134	4073005	0.36	cps
Yttrium	89-2	213746	212016	214413	213391	0.58	cps
Zinc	66-2	23043	23600	23200	23281	1.24	cps
Zirconium	90-1	534954	530740	535144	533613	0.47	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:11:46	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	119159	117706	117076	117980	0.91	cps

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 12:15:17 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22051	22360	22527	22313	1.08	cps
Antimony	121-1	947024	941178	949298	945833	0.44	cps
Arsenic	75-2	20725	20662	20947	20778	0.72	cps
Barium	135-1	917105	927114	927817	924012	0.65	cps
Barium	137-1	1652351	1647576	1632400	1644109	0.63	cps
Beryllium	9-1	136470	136621	135650	136247	0.38	cps
Bismuth	209-1	2054886	2082234	2056569	2064563	0.74	cps
Bismuth	209-2	994495	1011182	1004455	1003377	0.84	cps
Boron	10-1	17361	16727	17561	17217	2.53	cps
Boron	11-1	79395	83476	82462	81778	2.60	cps
Cadmium	111-1	220280	219044	218346	219223	0.45	cps
Cadmium	106-1	23188	23112	22954	23085	0.52	cps
Cadmium	108-1	15413	15413	15355	15394	0.22	cps
Calcium	43-1	282802	284299	280503	282535	0.68	cps
Calcium	44-1	4539429	4595424	4586100	4573651	0.66	cps
Chromium	52-2	172316	172478	170217	171670	0.73	cps
Cobalt	59-2	341793	343162	343132	342696	0.23	cps
Copper	63-2	592179	593581	592805	592855	0.12	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	20	3	3	9	108.30	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	7	20	13	13	49.99	cps
Holmium	165-1	3662240	3657624	3698778	3672881	0.61	cps
Holmium	165-2	1344441	1355924	1348828	1349731	0.43	cps
Indium	115-1	3597572	3636461	3612883	3615639	0.54	cps
Indium	115-2	279579	277568	276784	277977	0.52	cps
Iron	56-2	5741495	5773162	5790424	5768361	0.43	cps
Iron	57-2	143117	144383	144620	144040	0.56	cps
Lead	206-1	428941	423559	429123	427208	0.74	cps
Lead	207-1	385740	386105	385934	385926	0.05	cps
Lead	208-1	1730205	1726986	1739758	1732317	0.38	cps
Lithium	6-1	412174	410960	415660	412932	0.59	cps
Magnesium	24-2	577164	580623	573693	577160	0.60	cps
Manganese	55-2	97709	99025	98642	98458	0.69	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:15:17	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	736324	740895	732821	736680	0.55	cps
Molybdenum	95-1	435028	440184	430327	435180	1.13	cps
Molybdenum	96-1	549829	542841	542353	545008	0.77	cps
Molybdenum	97-1	272745	274429	274113	273762	0.33	cps
Molybdenum	98-1	696460	691297	695295	694351	0.39	cps
Neodymium	150-1	40	33	20	31	32.73	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	100811	102410	101956	101726	0.81	cps
Phosphorus	31-2	1717	1775	1934	1809	6.20	cps
Potassium	39-2	193993	194703	195668	194788	0.43	cps
Rhodium	103-1	3626266	3650863	3606061	3627730	0.62	cps
Rhodium	103-2	1434746	1428853	1415027	1426208	0.71	cps
Scandium	45-1	2764988	2779327	2736269	2760195	0.79	cps
Scandium	45-2	34372	33784	34128	34095	0.87	cps
Selenium	77-2	163	157	150	157	4.26	cps
Selenium	78-2	513	522	550	528	3.65	cps
Selenium	82-1	14317	14484	14461	14421	0.63	cps
Silicon	28-1	996011	996421	991837	994757	0.25	cps
Silver	109-1	1041879	1048019	1036669	1042189	0.55	cps
Silver	107-1	1073802	1082200	1087497	1081167	0.64	cps
Sodium	23-2	1445519	1457773	1454069	1452454	0.43	cps
Strontium	86-1	282780	277937	278842	279853	0.92	cps
Strontium	88-1	2406623	2428788	2427026	2420812	0.51	cps
Sulfur	34-1	433126	433928	427203	431419	0.85	cps
Terbium	159-1	3866213	3888391	3898778	3884461	0.43	cps
Terbium	159-2	1335651	1346819	1334102	1338857	0.52	cps
Thallium	203-1	535082	530688	541037	535602	0.97	cps
Thallium	205-1	1259233	1256582	1263896	1259903	0.29	cps
Tin	118-1	646470	659074	648584	651376	1.04	cps
Titanium	47-1	136257	137755	137704	137238	0.62	cps
Uranium	238-1	1486013	1512032	1497728	1498591	0.87	cps
Vanadium	51-2	119803	122830	123156	121929	1.52	cps
Yttrium	89-1	4084651	4097290	4086775	4089572	0.17	cps
Yttrium	89-2	216345	217303	214750	216133	0.60	cps
Zinc	66-2	57991	59313	58044	58449	1.28	cps
Zirconium	90-1	1361963	1381863	1360234	1368020	0.88	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:15:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	298870	304952	300215	301345	1.06	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:18:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45114	44680	45006	44933	0.50	cps
Antimony	121-1	1954058	1930786	1965818	1950220	0.91	cps
Arsenic	75-2	41780	41436	41885	41700	0.56	cps
Barium	135-1	1890738	1899296	1913409	1901148	0.60	cps
Barium	137-1	3278233	3295854	3336449	3303512	0.90	cps
Beryllium	9-1	276249	276884	280271	277801	0.78	cps
Bismuth	209-1	2097336	2124234	2116262	2112611	0.65	cps
Bismuth	209-2	1009883	1007721	1018658	1012088	0.57	cps
Boron	10-1	35261	36364	35386	35670	1.69	cps
Boron	11-1	170073	169809	171717	170533	0.61	cps
Cadmium	111-1	439398	439288	443512	440733	0.55	cps
Cadmium	106-1	44951	45837	45888	45559	1.16	cps
Cadmium	108-1	30694	30339	30794	30609	0.78	cps
Calcium	43-1	564742	569687	564436	566288	0.52	cps
Calcium	44-1	9238319	9236829	9162152	9212433	0.47	cps
Chromium	52-2	339375	341899	341026	340767	0.38	cps
Cobalt	59-2	682339	679578	682655	681524	0.25	cps
Copper	63-2	1170560	1181903	1186819	1179761	0.71	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	17	0	0	6	173.21	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	42	25	50	39	32.73	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	3762666	3721990	3739041	3741233	0.55	cps
Holmium	165-2	1359911	1357743	1372021	1363225	0.56	cps
Indium	115-1	3669969	3675440	3696684	3680698	0.38	cps
Indium	115-2	274772	279513	275914	276733	0.89	cps
Iron	56-2	11446523	11475106	11532129	11484586	0.38	cps
Iron	57-2	289308	291313	288078	289567	0.56	cps
Lead	206-1	875203	870909	878608	874907	0.44	cps
Lead	207-1	792529	785388	797033	791650	0.74	cps
Lead	208-1	3589161	3577304	3613536	3593333	0.51	cps
Lithium	6-1	426371	423818	426479	425556	0.35	cps
Magnesium	24-2	1170967	1175769	1162684	1169806	0.57	cps
Manganese	55-2	194516	195113	198820	196150	1.19	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:18:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1544205	1535148	1541069	1540141	0.30	cps
Molybdenum	95-1	884261	886962	894180	888468	0.58	cps
Molybdenum	96-1	1109467	1106321	1128588	1114792	1.08	cps
Molybdenum	97-1	551336	553086	556756	553726	0.50	cps
Molybdenum	98-1	1447917	1404032	1442837	1431595	1.68	cps
Neodymium	150-1	80	73	80	78	4.94	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	202205	201837	203487	202510	0.43	cps
Phosphorus	31-2	4026	3809	3759	3865	3.67	cps
Potassium	39-2	379514	384521	383230	382422	0.68	cps
Rhodium	103-1	3631723	3625749	3656899	3638123	0.45	cps
Rhodium	103-2	1428151	1435184	1426116	1429817	0.33	cps
Scandium	45-1	2835306	2776389	2804390	2805362	1.05	cps
Scandium	45-2	33641	34706	34182	34176	1.56	cps
Selenium	77-2	327	363	287	326	11.78	cps
Selenium	78-2	1017	1080	1032	1043	3.16	cps
Selenium	82-1	29474	29678	29865	29672	0.66	cps
Silicon	28-1	1365894	1355039	1352325	1357753	0.53	cps
Silver	109-1	2124006	2135848	2136072	2131975	0.32	cps
Silver	107-1	2215667	2220306	2219457	2218476	0.11	cps
Sodium	23-2	2860627	2869191	2835984	2855268	0.60	cps
Strontium	86-1	562995	560705	574264	565988	1.28	cps
Strontium	88-1	4846781	4770876	4894499	4837386	1.29	cps
Sulfur	34-1	516603	516901	525888	519797	1.02	cps
Terbium	159-1	3921131	3967548	3919486	3936055	0.69	cps
Terbium	159-2	1363918	1360306	1357225	1360483	0.25	cps
Thallium	203-1	1086519	1083936	1087422	1085959	0.17	cps
Thallium	205-1	2652733	2606723	2618320	2625925	0.91	cps
Tin	118-1	1318120	1321411	1336301	1325277	0.73	cps
Titanium	47-1	280040	281087	280086	280404	0.21	cps
Uranium	238-1	3129396	3146358	3181873	3152543	0.85	cps
Vanadium	51-2	241760	245025	244192	243659	0.70	cps
Yttrium	89-1	4175514	4108322	4165136	4149657	0.87	cps
Yttrium	89-2	213037	217260	215935	215411	1.00	cps
Zinc	66-2	115542	115963	117055	116187	0.67	cps
Zirconium	90-1	2833564	2779446	2830267	2814425	1.08	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:18:45	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	613273	616414	623735	617807	0.87	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:22:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90748	91050	90127	90642	0.52	cps
Antimony	121-1	3989362	4022816	4033625	4015268	0.57	cps
Arsenic	75-2	84512	84631	84139	84427	0.30	cps
Barium	135-1	3891242	3974628	3945262	3937044	1.07	cps
Barium	137-1	6780769	6865400	6764617	6803596	0.80	cps
Beryllium	9-1	577713	583595	581336	580881	0.51	cps
Bismuth	209-1	2225995	2225713	2215405	2222371	0.27	cps
Bismuth	209-2	1048002	1053130	1044884	1048672	0.40	cps
Boron	10-1	72509	74561	75507	74192	2.07	cps
Boron	11-1	342521	354008	359609	352046	2.47	cps
Cadmium	111-1	906164	913272	906074	908503	0.45	cps
Cadmium	106-1	92803	94824	93532	93719	1.09	cps
Cadmium	108-1	63344	63348	64391	63694	0.95	cps
Calcium	43-1	1154359	1150631	1149735	1151575	0.21	cps
Calcium	44-1	18606157	18746448	18535431	18629345	0.58	cps
Chromium	52-2	688323	694437	679978	687579	1.06	cps
Cobalt	59-2	1363730	1375137	1370732	1369866	0.42	cps
Copper	63-2	2422459	2431282	2373934	2409225	1.28	cps
Dysprosium	156-1	50	58	58	56	8.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	25	50	33	36	35.25	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	3966098	3956265	3931184	3951182	0.46	cps
Holmium	165-2	1417558	1431027	1405075	1417887	0.92	cps
Indium	115-1	3731565	3786742	3775820	3764709	0.78	cps
Indium	115-2	276499	282364	277659	278840	1.11	cps
Iron	56-2	23240571	23421779	23189680	23284010	0.52	cps
Iron	57-2	587242	587787	585305	586778	0.22	cps
Lead	206-1	1841568	1850078	1836872	1842840	0.36	cps
Lead	207-1	1636564	1630187	1646855	1637869	0.51	cps
Lead	208-1	7443834	7417693	7500511	7454013	0.57	cps
Lithium	6-1	449455	450457	457760	452558	1.00	cps
Magnesium	24-2	2325907	2358318	2327484	2337236	0.78	cps
Manganese	55-2	393400	395310	393237	393982	0.29	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:22:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3205090	3156469	3228857	3196805	1.15	cps
Molybdenum	95-1	1852058	1846652	1865438	1854716	0.52	cps
Molybdenum	96-1	2356612	2392764	2400657	2383344	0.99	cps
Molybdenum	97-1	1146164	1144698	1136616	1142492	0.45	cps
Molybdenum	98-1	3023285	3007049	2965984	2998772	0.98	cps
Neodymium	150-1	180	100	113	131	32.69	cps
Neodymium	150-2	17	0	10	9	94.38	cps
Nickel	60-2	406681	407722	403342	405915	0.56	cps
Phosphorus	31-2	7452	7719	7194	7455	3.52	cps
Potassium	39-2	761930	767298	756945	762057	0.68	cps
Rhodium	103-1	3761324	3803377	3733523	3766075	0.93	cps
Rhodium	103-2	1441127	1460177	1450600	1450634	0.66	cps
Scandium	45-1	2874429	2899652	2859009	2877697	0.71	cps
Scandium	45-2	34833	35087	34456	34792	0.91	cps
Selenium	77-2	650	657	643	650	1.03	cps
Selenium	78-2	2243	2096	2224	2188	3.64	cps
Selenium	82-1	60797	61138	61431	61122	0.52	cps
Silicon	28-1	2285880	2267465	2285304	2279550	0.46	cps
Silver	109-1	4287076	4359334	4328099	4324836	0.84	cps
Silver	107-1	4450594	4569131	4513862	4511196	1.31	cps
Sodium	23-2	5736609	5729621	5657592	5707941	0.77	cps
Strontium	86-1	1166176	1174492	1166541	1169070	0.40	cps
Strontium	88-1	9982772	10006175	9962300	9983749	0.22	cps
Sulfur	34-1	694877	691739	702804	696473	0.82	cps
Terbium	159-1	4154139	4174891	4200326	4176452	0.55	cps
Terbium	159-2	1412714	1411212	1405530	1409818	0.27	cps
Thallium	203-1	2315738	2345088	2299734	2320187	0.99	cps
Thallium	205-1	5442232	5481604	5402871	5442236	0.72	cps
Tin	118-1	2793071	2816680	2792121	2800624	0.50	cps
Titanium	47-1	575572	577633	578588	577264	0.27	cps
Uranium	238-1	6562668	6606296	6561090	6576685	0.39	cps
Vanadium	51-2	494253	499100	490146	494500	0.91	cps
Yttrium	89-1	4291949	4340071	4295565	4309195	0.62	cps
Yttrium	89-2	219169	220960	219291	219807	0.46	cps
Zinc	66-2	232604	235224	234392	234073	0.57	cps
Zirconium	90-1	5799445	5929828	5834743	5854672	1.15	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:22:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1285499	1291034	1287809	1288114	0.22	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:25:23	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175412	172412	173548	173791	0.87	cps
Antimony	121-1	7635671	7846877	7737751	7740100	1.36	cps
Arsenic	75-2	163158	161494	162752	162468	0.53	cps
Barium	135-1	7479019	7712086	7508396	7566500	1.68	cps
Barium	137-1	13027829	13398058	13123957	13183281	1.46	cps
Beryllium	9-1	1102350	1136572	1135723	1124882	1.74	cps
Bismuth	209-1	2128966	1788025	2093925	2003639	9.36	cps
Bismuth	209-2	1013992	1020046	1020474	1018171	0.36	cps
Boron	10-1	141072	147442	146516	145010	2.37	cps
Boron	11-1	683084	699769	698167	693673	1.33	cps
Cadmium	111-1	1750809	1794065	1769276	1771383	1.23	cps
Cadmium	106-1	176863	180132	177893	178296	0.94	cps
Cadmium	108-1	121542	123290	122046	122293	0.74	cps
Calcium	43-1	2261682	2273259	2260755	2265232	0.31	cps
Calcium	44-1	36078751	36322777	36023825	36141784	0.44	cps
Chromium	52-2	1317923	1331784	1311134	1320280	0.80	cps
Cobalt	59-2	2651385	2635748	2695852	2660995	1.17	cps
Copper	63-2	4499528	4513677	4525873	4513026	0.29	cps
Dysprosium	156-1	83	75	58	72	17.62	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	33	58	42	44	28.65	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	92	42	25	53	65.74	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	3821137	3221219	3801050	3614469	9.43	cps
Holmium	165-2	1384397	1392869	1389119	1388795	0.31	cps
Indium	115-1	3587360	3014014	3511683	3371019	9.24	cps
Indium	115-2	262883	262466	262618	262656	0.08	cps
Iron	56-2	44514020	44294043	44292033	44366699	0.29	cps
Iron	57-2	1123350	1124982	1118691	1122341	0.29	cps
Lead	206-1	3590497	3653808	3617415	3620573	0.88	cps
Lead	207-1	3286989	3295900	3300843	3294578	0.21	cps
Lead	208-1	14515969	14691096	14605570	14604211	0.60	cps
Lithium	6-1	438397	371965	437489	415950	9.16	cps
Magnesium	24-2	4439936	4391025	4388595	4406519	0.66	cps
Manganese	55-2	755819	750210	755032	753687	0.40	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:25:23	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6183243	6316010	6193864	6231039	1.18	cps
Molybdenum	95-1	3560684	3650041	3613082	3607936	1.24	cps
Molybdenum	96-1	4566513	4695138	4573590	4611747	1.57	cps
Molybdenum	97-1	2227902	2311991	2262161	2267351	1.86	cps
Molybdenum	98-1	5731593	5871981	5751740	5785105	1.31	cps
Neodymium	150-1	213	253	240	236	8.65	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	769462	769910	768751	769374	0.08	cps
Phosphorus	31-2	14975	14300	13373	14216	5.66	cps
Potassium	39-2	1486394	1491903	1466003	1481433	0.92	cps
Rhodium	103-1	3580802	3042656	3514502	3379320	8.68	cps
Rhodium	103-2	1385491	1392522	1379646	1385886	0.47	cps
Scandium	45-1	2794274	2382336	2675249	2617286	8.10	cps
Scandium	45-2	34399	33774	34128	34100	0.92	cps
Selenium	77-2	1160	1217	1230	1202	3.09	cps
Selenium	78-2	4201	4002	4073	4092	2.46	cps
Selenium	82-1	116421	118180	117899	117500	0.80	cps
Silicon	28-1	3879608	3931588	3948464	3919887	0.92	cps
Silver	109-1	8190814	8320559	8304063	8271812	0.85	cps
Silver	107-1	8567805	8658525	8540956	8589095	0.72	cps
Sodium	23-2	10832747	10777811	10762354	10790971	0.34	cps
Strontium	86-1	2267875	2301593	2315525	2294998	1.07	cps
Strontium	88-1	19253658	19742256	19379122	19458345	1.30	cps
Sulfur	34-1	1020091	1015417	1021915	1019141	0.33	cps
Terbium	159-1	4061885	3461696	3999367	3840983	8.59	cps
Terbium	159-2	1373870	1363269	1372870	1370003	0.43	cps
Thallium	203-1	4475370	4554506	4483858	4504578	0.96	cps
Thallium	205-1	10452117	10478595	10487995	10472902	0.18	cps
Tin	118-1	5345517	5472174	5421477	5413056	1.18	cps
Titanium	47-1	1115004	1125334	1108923	1116420	0.74	cps
Uranium	238-1	12780836	12972989	12869565	12874463	0.75	cps
Vanadium	51-2	955340	952189	952523	953351	0.18	cps
Yttrium	89-1	4150957	3488395	4080022	3906458	9.31	cps
Yttrium	89-2	212121	209876	213684	211894	0.90	cps
Zinc	66-2	445542	442936	443824	444101	0.30	cps
Zirconium	90-1	11475978	11665216	11592172	11577789	0.82	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:25:23	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2574426	2645851	2611128	2610468	1.37	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:28:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	926058	933105	941926	933697	0.85	cps
Antimony	121-1	17404	16219	17162	16928	3.70	cps
Arsenic	75-2	89	107	81	93	14.42	cps
Barium	135-1	3784	3801	3709	3765	1.30	cps
Barium	137-1	6702	6444	6694	6613	2.22	cps
Beryllium	9-1	233	317	294	281	15.33	cps
Bismuth	209-1	1982393	2009505	2012349	2001416	0.83	cps
Bismuth	209-2	957942	941595	937592	945710	1.14	cps
Boron	10-1	5826	5818	5485	5710	3.41	cps
Boron	11-1	27878	27678	25599	27051	4.67	cps
Cadmium	111-1	1043	1155	1175	1124	6.33	cps
Cadmium	106-1	1033	1108	1142	1095	5.07	cps
Cadmium	108-1	38	42	17	32	41.92	cps
Calcium	43-1	11455768	11437231	11564418	11485806	0.60	cps
Calcium	44-1	184342225	186218171	187179579	185913325	0.78	cps
Chromium	52-2	33631	33657	34225	33838	0.99	cps
Cobalt	59-2	4548	4461	4791	4600	3.72	cps
Copper	63-2	9980	9630	9757	9789	1.81	cps
Dysprosium	156-1	75	108	92	92	18.18	cps
Dysprosium	156-2	13	37	20	23	51.52	cps
Erbium	164-1	58	75	58	64	15.05	cps
Erbium	164-2	13	20	20	18	21.66	cps
Gadolinium	160-1	67	92	108	89	23.59	cps
Gadolinium	160-2	53	23	53	43	39.97	cps
Holmium	165-1	3837921	3779672	3816321	3811305	0.77	cps
Holmium	165-2	1376773	1372270	1358084	1369043	0.71	cps
Indium	115-1	3611776	3659713	3603884	3625125	0.83	cps
Indium	115-2	277775	277972	276285	277344	0.33	cps
Iron	56-2	228076927	228335461	229685488	228699292	0.38	cps
Iron	57-2	5667986	5685966	5723309	5692421	0.50	cps
Lead	206-1	8464	8898	8620	8661	2.54	cps
Lead	207-1	7241	7341	7586	7389	2.40	cps
Lead	208-1	33374	33930	33952	33752	0.97	cps
Lithium	6-1	446512	451147	457597	451752	1.23	cps
Magnesium	24-2	22928719	22779161	23071871	22926584	0.64	cps
Manganese	55-2	3160	3410	3267	3279	3.83	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:28:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9079	9946	9771	9598	4.78	cps
Molybdenum	95-1	14575	15109	14917	14867	1.82	cps
Molybdenum	96-1	18130	17787	17470	17796	1.85	cps
Molybdenum	97-1	8878	9529	9479	9295	3.89	cps
Molybdenum	98-1	23772	23379	24565	23905	2.53	cps
Neodymium	150-1	140	93	73	102	33.47	cps
Neodymium	150-2	23	20	40	28	38.58	cps
Nickel	60-2	11765	11378	11718	11621	1.82	cps
Phosphorus	31-2	17	25	8	17	50.01	cps
Potassium	39-2	7673918	7786403	7791023	7750448	0.86	cps
Rhodium	103-1	3466641	3440411	3488252	3465101	0.69	cps
Rhodium	103-2	1350717	1343613	1335906	1343412	0.55	cps
Scandium	45-1	2784200	2797094	2823222	2801505	0.71	cps
Scandium	45-2	34740	34409	34847	34665	0.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	12	69	31	37	77.96	cps
Silicon	28-1	444230	451806	447122	447719	0.85	cps
Silver	109-1	1317	1425	1325	1356	4.45	cps
Silver	107-1	1483	1750	1517	1584	9.18	cps
Sodium	23-2	56769528	56837914	57491693	57033045	0.70	cps
Strontium	86-1	80865	81577	80788	81077	0.54	cps
Strontium	88-1	667281	674845	683126	675084	1.17	cps
Sulfur	34-1	372503	368982	372879	371454	0.58	cps
Terbium	159-1	3959728	4034838	3998215	3997594	0.94	cps
Terbium	159-2	1364179	1345031	1346218	1351809	0.79	cps
Thallium	203-1	2050	1834	2000	1961	5.79	cps
Thallium	205-1	4801	4626	4534	4654	2.91	cps
Tin	118-1	5651	6185	5535	5790	5.99	cps
Titanium	47-1	1458	1508	2508	1825	32.45	cps
Uranium	238-1	2767	2750	2425	2648	7.28	cps
Vanadium	51-2	523	440	530	498	10.08	cps
Yttrium	89-1	4093714	4176460	4168800	4146324	1.10	cps
Yttrium	89-2	217562	217364	217775	217567	0.09	cps
Zinc	66-2	4014	4021	3911	3982	1.55	cps
Zirconium	90-1	2709	2692	2867	2756	3.51	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:28:34	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	675	550	725	650	13.87	cps

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 12:31:57 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4209	4634	4676	4506	5.73	cps
Antimony	121-1	1476813	1468843	1475962	1473873	0.30	cps
Arsenic	75-2	32679	32518	32438	32545	0.38	cps
Barium	135-1	149113	147412	148947	148490	0.63	cps
Barium	137-1	257063	257079	258150	257431	0.24	cps
Beryllium	9-1	111977	114206	111658	112614	1.23	cps
Bismuth	209-1	2082529	2131351	2084699	2099526	1.31	cps
Bismuth	209-2	1020943	1022194	1021713	1021617	0.06	cps
Boron	10-1	67199	71168	71704	70024	3.51	cps
Boron	11-1	325987	337108	337524	333539	1.96	cps
Cadmium	111-1	169906	171021	173053	171327	0.93	cps
Cadmium	106-1	16511	16277	16828	16539	1.67	cps
Cadmium	108-1	12185	11438	11372	11665	3.87	cps
Calcium	43-1	48050	48326	49329	48568	1.39	cps
Calcium	44-1	800803	805488	799420	801904	0.40	cps
Chromium	52-2	131837	132176	131995	132003	0.13	cps
Cobalt	59-2	271145	272752	272332	272076	0.31	cps
Copper	63-2	236274	234332	237440	236015	0.67	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	75	39	86.61	cps
Erbium	164-2	10	7	27	14	74.18	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	3715484	3745993	3729643	3730373	0.41	cps
Holmium	165-2	1361636	1353990	1358827	1358151	0.28	cps
Indium	115-1	3704328	3659874	3673678	3679293	0.62	cps
Indium	115-2	279275	275648	278060	277661	0.66	cps
Iron	56-2	917095	914953	915875	915974	0.12	cps
Iron	57-2	23710	23114	23058	23294	1.55	cps
Lead	206-1	689338	691661	686054	689018	0.41	cps
Lead	207-1	597788	595146	594837	595924	0.27	cps
Lead	208-1	2732813	2739950	2722759	2731841	0.32	cps
Lithium	6-1	460617	465629	457937	461394	0.85	cps
Magnesium	24-2	54957	53226	54773	54318	1.75	cps
Manganese	55-2	39479	38847	38978	39101	0.85	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:31:57	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	968545	963439	967803	966595	0.29	cps
Molybdenum	95-1	1685652	1659620	1697664	1680979	1.16	cps
Molybdenum	96-1	1807029	1824042	1821468	1817513	0.50	cps
Molybdenum	97-1	1035724	1031856	1032268	1033283	0.21	cps
Molybdenum	98-1	2676823	2692635	2724643	2698034	0.90	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	81362	79999	79968	80443	0.99	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	65536	67437	65864	66279	1.53	cps
Rhodium	103-1	3719209	3718113	3727115	3721479	0.13	cps
Rhodium	103-2	1465271	1456928	1454294	1458831	0.39	cps
Scandium	45-1	2826338	2856451	2840583	2841124	0.53	cps
Scandium	45-2	33847	34235	34359	34147	0.78	cps
Selenium	77-2	210	237	267	238	11.92	cps
Selenium	78-2	824	891	898	871	4.68	cps
Selenium	82-1	23658	23138	23245	23347	1.18	cps
Silicon	28-1	2141489	2171565	2163343	2158799	0.72	cps
Silver	109-1	818994	825815	824208	823005	0.43	cps
Silver	107-1	865425	860392	861661	862493	0.30	cps
Sodium	23-2	247443	244625	245159	245742	0.61	cps
Strontium	86-1	7477	7269	7419	7388	1.46	cps
Strontium	88-1	43671	43813	44290	43925	0.74	cps
Sulfur	34-1	371306	366457	369084	368949	0.66	cps
Terbium	159-1	3935444	3972001	4005728	3971058	0.89	cps
Terbium	159-2	1360285	1354925	1357158	1357456	0.20	cps
Thallium	203-1	868445	877822	870971	872413	0.56	cps
Thallium	205-1	2099697	2095682	2074324	2089901	0.65	cps
Tin	118-1	2564026	2545199	2513159	2540795	1.01	cps
Titanium	47-1	528342	531217	529983	529847	0.27	cps
Uranium	238-1	58	75	117	83	36.05	cps
Vanadium	51-2	95704	95996	95103	95601	0.48	cps
Yttrium	89-1	4163557	4188514	4173536	4175203	0.30	cps
Yttrium	89-2	217846	220602	220188	219545	0.68	cps
Zinc	66-2	46073	46816	46404	46431	0.80	cps
Zirconium	90-1	5510	4893	4218	4873	13.26	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:31:57	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1417	1208	1058	1228	14.66	cps

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 12:37:27 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	8	28	62.46	cps
Antimony	121-1	200	225	308	244	23.21	cps
Arsenic	75-2	7	7	9	8	13.31	cps
Barium	135-1	17	42	50	36	48.03	cps
Barium	137-1	33	25	58	39	44.61	cps
Beryllium	9-1	133	72	83	96	33.81	cps
Bismuth	209-1	2078134	2089568	2083748	2083817	0.27	cps
Bismuth	209-2	1008552	1010389	1009632	1009524	0.09	cps
Boron	10-1	2367	2442	2309	2373	2.82	cps
Boron	11-1	12439	11088	11613	11714	5.81	cps
Cadmium	111-1	768	656	759	728	8.55	cps
Cadmium	106-1	1083	942	1075	1033	7.69	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	4017	3801	3851	3890	2.92	cps
Calcium	44-1	71257	69355	72564	71058	2.27	cps
Chromium	52-2	1243	1157	1090	1163	6.61	cps
Cobalt	59-2	113	93	107	104	9.75	cps
Copper	63-2	713	763	853	777	9.14	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	42	33	8	28	62.46	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	3703805	3689635	3707031	3700157	0.25	cps
Holmium	165-2	1342531	1341320	1342076	1341976	0.05	cps
Indium	115-1	3676020	3620829	3682727	3659859	0.93	cps
Indium	115-2	279085	279133	282014	280077	0.60	cps
Iron	56-2	4701	4729	4851	4760	1.68	cps
Iron	57-2	144	139	133	139	4.00	cps
Lead	206-1	361	494	422	426	15.67	cps
Lead	207-1	394	367	433	398	8.41	cps
Lead	208-1	1733	1833	1839	1802	3.30	cps
Lithium	6-1	455427	445751	444153	448444	1.36	cps
Magnesium	24-2	117	167	117	133	21.65	cps
Manganese	55-2	73	100	90	88	15.35	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:37:27	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	158	167	158	5.26	cps
Molybdenum	95-1	25	42	50	39	32.73	cps
Molybdenum	96-1	75	100	75	83	17.33	cps
Molybdenum	97-1	92	42	58	64	39.85	cps
Molybdenum	98-1	67	75	58	67	12.50	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	80	110	80	37.50	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	5518	5084	4843	5148	6.65	cps
Rhodium	103-1	3688390	3668081	3674293	3676921	0.28	cps
Rhodium	103-2	1451402	1435050	1443263	1443238	0.57	cps
Scandium	45-1	2770832	2746672	2760192	2759232	0.44	cps
Scandium	45-2	34529	33614	34028	34057	1.35	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-155	-39	98	-32	-395.54	cps
Silicon	28-1	401892	397931	397060	398961	0.65	cps
Silver	109-1	142	208	183	178	18.94	cps
Silver	107-1	142	117	192	150	25.46	cps
Sodium	23-2	13432	14216	14041	13896	2.96	cps
Strontium	86-1	2425	2525	2909	2620	9.74	cps
Strontium	88-1	108	58	75	81	31.60	cps
Sulfur	34-1	360899	362223	363402	362175	0.35	cps
Terbium	159-1	3937945	3884300	3890958	3904401	0.75	cps
Terbium	159-2	1330478	1336781	1331237	1332832	0.26	cps
Thallium	203-1	117	150	117	128	15.06	cps
Thallium	205-1	383	300	308	331	13.89	cps
Tin	118-1	1150	1350	1317	1272	8.42	cps
Titanium	47-1	150	175	167	164	7.77	cps
Uranium	238-1	83	75	50	69	24.98	cps
Vanadium	51-2	40	23	10	24	61.49	cps
Yttrium	89-1	4115894	4053242	4115981	4095039	0.88	cps
Yttrium	89-2	213909	214372	212877	213720	0.36	cps
Zinc	66-2	63	80	70	71	11.80	cps
Zirconium	90-1	283	308	333	308	8.11	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:37:27	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25	33	75	44	60.27	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:40:38	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	809351	813717	814600	812556	0.35	cps
Antimony	121-1	8695	9237	9145	9026	3.21	cps
Arsenic	75-2	57	50	61	56	10.07	cps
Barium	135-1	2417	2334	2309	2353	2.41	cps
Barium	137-1	3976	4142	4076	4065	2.06	cps
Beryllium	9-1	400	389	383	391	2.17	cps
Bismuth	209-1	2096977	2080577	2080637	2086063	0.45	cps
Bismuth	209-2	976432	975475	984814	978907	0.52	cps
Boron	10-1	2592	2442	2334	2456	5.28	cps
Boron	11-1	11172	10529	11305	11002	3.77	cps
Cadmium	111-1	1178	1265	1158	1200	4.72	cps
Cadmium	106-1	975	1058	958	997	5.37	cps
Cadmium	108-1	817	871	792	826	4.90	cps
Calcium	43-1	2152239	2171408	2177517	2167055	0.61	cps
Calcium	44-1	34474913	34309731	35012804	34599149	1.06	cps
Chromium	52-2	26408	26138	26485	26344	0.69	cps
Cobalt	59-2	3134	3010	3117	3087	2.17	cps
Copper	63-2	19137	18449	18543	18709	1.99	cps
Dysprosium	156-1	75	33	33	47	50.95	cps
Dysprosium	156-2	3	20	10	11	75.52	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	67	67	92	75	19.24	cps
Gadolinium	160-2	27	40	27	31	24.74	cps
Holmium	165-1	3782864	3765669	3849133	3799222	1.16	cps
Holmium	165-2	1364962	1357490	1361274	1361242	0.27	cps
Indium	115-1	3649933	3644664	3655749	3650115	0.15	cps
Indium	115-2	272563	270460	275047	272690	0.84	cps
Iron	56-2	85939852	85227305	85921674	85696277	0.47	cps
Iron	57-2	2211120	2189265	2229545	2209977	0.91	cps
Lead	206-1	16956	16277	16222	16485	2.48	cps
Lead	207-1	13196	13035	12979	13070	0.86	cps
Lead	208-1	63101	61281	61014	61799	1.84	cps
Lithium	6-1	435717	436898	429910	434175	0.86	cps
Magnesium	24-2	4326259	4253642	4271688	4283863	0.88	cps
Manganese	55-2	3027	3074	2980	3027	1.54	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:40:38	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3934919	3895581	3909188	3913229	0.51	cps
Molybdenum	95-1	6656330	6672751	6661054	6663378	0.13	cps
Molybdenum	96-1	7251677	7283454	7221029	7252053	0.43	cps
Molybdenum	97-1	4213669	4215585	4254431	4227895	0.54	cps
Molybdenum	98-1	10865823	10851918	10881625	10866455	0.14	cps
Neodymium	150-1	60	27	27	38	50.93	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	4274	4167	4144	4195	1.65	cps
Phosphorus	31-2	70275	69973	70401	70216	0.31	cps
Potassium	39-2	2881581	2855060	2864875	2867172	0.47	cps
Rhodium	103-1	3565041	3557631	3635733	3586135	1.20	cps
Rhodium	103-2	1380858	1380968	1382698	1381508	0.07	cps
Scandium	45-1	2752339	2764592	2776836	2764589	0.44	cps
Scandium	45-2	32778	32915	33166	32953	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	34	-178	-77	-74	-143.81	cps
Silicon	28-1	515154	513681	518672	515836	0.50	cps
Silver	109-1	2134	2125	2059	2106	1.95	cps
Silver	107-1	2217	2259	2209	2228	1.20	cps
Sodium	23-2	10607877	10656957	10609855	10624896	0.26	cps
Strontium	86-1	77068	76280	77378	76908	0.74	cps
Strontium	88-1	643077	642573	643379	643010	0.06	cps
Sulfur	34-1	2909689	2911040	2950267	2923665	0.79	cps
Terbium	159-1	4037931	4053451	4044183	4045188	0.19	cps
Terbium	159-2	1350195	1336645	1349342	1345394	0.56	cps
Thallium	203-1	592	758	658	669	12.53	cps
Thallium	205-1	1442	1483	1417	1447	2.33	cps
Tin	118-1	1817	1759	1925	1834	4.61	cps
Titanium	47-1	2151035	2131887	2148693	2143871	0.49	cps
Uranium	238-1	308	258	300	289	9.27	cps
Vanadium	51-2	117	163	183	154	22.15	cps
Yttrium	89-1	4180670	4187774	4143716	4170720	0.57	cps
Yttrium	89-2	210691	211931	212658	211760	0.47	cps
Zinc	66-2	2814	2890	2900	2868	1.65	cps
Zirconium	90-1	1942	1909	1917	1922	0.90	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:40:38	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	458	333	397	15.75	cps

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 12:43:45 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	797884	792917	809758	800186	1.08	cps
Antimony	121-1	158069	159113	156086	157756	0.97	cps
Arsenic	75-2	3143	3067	3174	3128	1.77	cps
Barium	135-1	32984	33092	32123	32733	1.62	cps
Barium	137-1	56907	56187	55718	56270	1.06	cps
Beryllium	9-1	20804	21555	22023	21461	2.86	cps
Bismuth	209-1	2104040	2089674	2099655	2097790	0.35	cps
Bismuth	209-2	981895	978439	947349	969228	1.96	cps
Boron	10-1	7869	7169	7661	7566	4.75	cps
Boron	11-1	36807	37667	37141	37205	1.17	cps
Cadmium	111-1	34159	35213	35260	34877	1.79	cps
Cadmium	106-1	3851	4192	4259	4101	5.34	cps
Cadmium	108-1	3030	2934	2688	2884	6.11	cps
Calcium	43-1	2157952	2181494	2162729	2167392	0.57	cps
Calcium	44-1	34407842	34543449	34430230	34460507	0.21	cps
Chromium	52-2	51762	51906	52511	52060	0.76	cps
Cobalt	59-2	54607	55112	55861	55193	1.14	cps
Copper	63-2	63153	64509	63705	63789	1.07	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	67	33	33	44	43.31	cps
Gadolinium	160-2	20	27	10	19	44.42	cps
Holmium	165-1	3871478	3860455	3834473	3855469	0.49	cps
Holmium	165-2	1347122	1347337	1314481	1336314	1.41	cps
Indium	115-1	3660990	3641922	3648404	3650439	0.27	cps
Indium	115-2	267623	268957	261227	265935	1.55	cps
Iron	56-2	84907894	85797319	86180413	85628542	0.76	cps
Iron	57-2	2189902	2196482	2219301	2201895	0.70	cps
Lead	206-1	86499	87887	88860	87748	1.35	cps
Lead	207-1	72501	73590	71640	72577	1.35	cps
Lead	208-1	334862	338847	336240	336649	0.60	cps
Lithium	6-1	413517	407811	407588	409639	0.82	cps
Magnesium	24-2	4250552	4200539	4233360	4228150	0.60	cps
Manganese	55-2	10197	10241	10631	10356	2.31	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:43:45	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3974892	3961641	3972976	3969837	0.18	cps
Molybdenum	95-1	6783868	6842347	6815768	6813994	0.43	cps
Molybdenum	96-1	7268357	7433055	7379545	7360319	1.14	cps
Molybdenum	97-1	4241115	4330594	4279322	4283677	1.05	cps
Molybdenum	98-1	11064727	11087372	10879837	11010646	1.03	cps
Neodymium	150-1	20	47	33	33	40.01	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	19177	19688	19193	19353	1.50	cps
Phosphorus	31-2	69831	68382	69689	69301	1.15	cps
Potassium	39-2	2808182	2836134	2857092	2833803	0.87	cps
Rhodium	103-1	3515464	3544609	3555884	3538652	0.59	cps
Rhodium	103-2	1374153	1371899	1329246	1358432	1.86	cps
Scandium	45-1	2739275	2756029	2742459	2745921	0.32	cps
Scandium	45-2	32301	32979	30764	32014	3.55	cps
Selenium	77-2	17	30	13	20	44.10	cps
Selenium	78-2	81	63	89	78	17.17	cps
Selenium	82-1	2178	2249	2157	2195	2.21	cps
Silicon	28-1	714464	707631	695757	705951	1.34	cps
Silver	109-1	155506	155498	157756	156254	0.83	cps
Silver	107-1	161886	162773	162663	162440	0.30	cps
Sodium	23-2	10550159	10468455	10635768	10551461	0.79	cps
Strontium	86-1	78040	76556	77763	77453	1.02	cps
Strontium	88-1	641015	646268	646806	644696	0.50	cps
Sulfur	34-1	2863390	2895365	2850839	2869865	0.80	cps
Terbium	159-1	4021490	4088450	4034959	4048300	0.87	cps
Terbium	159-2	1337638	1333377	1295277	1322097	1.76	cps
Thallium	203-1	88979	87955	89758	88897	1.02	cps
Thallium	205-1	211222	213461	209605	211430	0.92	cps
Tin	118-1	229954	229851	227750	229185	0.54	cps
Titanium	47-1	2162822	2150040	2143188	2152017	0.46	cps
Uranium	238-1	242	250	217	236	7.35	cps
Vanadium	51-2	18793	18493	18706	18664	0.83	cps
Yttrium	89-1	4081445	4161930	4152876	4132084	1.07	cps
Yttrium	89-2	206932	209789	199855	205525	2.49	cps
Zinc	66-2	7102	7245	6999	7115	1.74	cps
Zirconium	90-1	1367	1133	1258	1253	9.32	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:43:45	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	267	317	289	8.81	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:46:53	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	449732	446956	449193	448627	0.33	cps
Antimony	121-1	3722543	3735620	3782278	3746813	0.84	cps
Arsenic	75-2	80713	80663	79712	80363	0.70	cps
Barium	135-1	3726938	3676375	3692882	3698731	0.70	cps
Barium	137-1	6364016	6439113	6379214	6394114	0.62	cps
Beryllium	9-1	529442	536595	537486	534508	0.82	cps
Bismuth	209-1	1993481	2066619	2023315	2027805	1.81	cps
Bismuth	209-2	966229	957435	957458	960374	0.53	cps
Boron	10-1	66170	68757	69637	68188	2.64	cps
Boron	11-1	322921	332227	335961	330370	2.03	cps
Cadmium	111-1	820444	830560	841178	830728	1.25	cps
Cadmium	106-1	85915	86729	87861	86835	1.13	cps
Cadmium	108-1	57593	58309	59268	58390	1.44	cps
Calcium	43-1	5336410	5396317	5393899	5375542	0.63	cps
Calcium	44-1	87242746	88277535	87501377	87673886	0.61	cps
Chromium	52-2	672677	675177	674272	674042	0.19	cps
Cobalt	59-2	1291976	1292116	1290670	1291588	0.06	cps
Copper	63-2	2256165	2235137	2216288	2235863	0.89	cps
Dysprosium	156-1	67	83	100	83	20.00	cps
Dysprosium	156-2	13	20	27	20	33.35	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	108	83	42	78	43.30	cps
Gadolinium	160-2	27	13	13	18	43.33	cps
Holmium	165-1	3758361	3800694	3802362	3787139	0.66	cps
Holmium	165-2	1368462	1358703	1360004	1362389	0.39	cps
Indium	115-1	3520390	3562835	3590868	3558031	1.00	cps
Indium	115-2	271314	265351	267152	267939	1.14	cps
Iron	56-2	108054205	106917011	106192275	107054497	0.88	cps
Iron	57-2	2763503	2735136	2717478	2738706	0.85	cps
Lead	206-1	1670920	1680733	1665862	1672505	0.45	cps
Lead	207-1	1499447	1528693	1497709	1508617	1.15	cps
Lead	208-1	6843424	6925263	6820225	6862971	0.80	cps
Lithium	6-1	404399	414978	417406	412261	1.68	cps
Magnesium	24-2	10922666	10983247	10989995	10965303	0.34	cps
Manganese	55-2	380337	378113	376081	378177	0.56	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:46:53	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3056193	3062944	3093884	3071007	0.65	cps
Molybdenum	95-1	1769159	1778181	1768279	1771873	0.31	cps
Molybdenum	96-1	2236686	2271275	2277222	2261727	0.97	cps
Molybdenum	97-1	1068100	1085083	1086880	1080021	0.96	cps
Molybdenum	98-1	2867391	2864043	2834554	2855329	0.63	cps
Neodymium	150-1	140	80	113	111	27.06	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	386439	380282	378917	381879	1.05	cps
Phosphorus	31-2	7135	7269	6927	7110	2.42	cps
Potassium	39-2	3658268	3707246	3713006	3692840	0.81	cps
Rhodium	103-1	3499920	3567118	3509945	3525661	1.03	cps
Rhodium	103-2	1377847	1349564	1351999	1359803	1.15	cps
Scandium	45-1	2744435	2803985	2776785	2775068	1.07	cps
Scandium	45-2	34549	34409	34559	34506	0.24	cps
Selenium	77-2	653	547	527	576	11.83	cps
Selenium	78-2	2009	2037	1996	2014	1.03	cps
Selenium	82-1	56675	56815	57097	56862	0.38	cps
Silicon	28-1	2270141	2284942	2306527	2287203	0.80	cps
Silver	109-1	3909125	3948836	4043194	3967052	1.74	cps
Silver	107-1	4101967	4148011	4167421	4139133	0.81	cps
Sodium	23-2	27356214	27088512	27170815	27205180	0.50	cps
Strontium	86-1	1114776	1149471	1135007	1133085	1.54	cps
Strontium	88-1	9560383	9786562	9762287	9703077	1.28	cps
Sulfur	34-1	662780	666137	673102	667340	0.79	cps
Terbium	159-1	3989397	4064682	4038479	4030853	0.95	cps
Terbium	159-2	1342101	1340079	1339886	1340689	0.09	cps
Thallium	203-1	2102033	2158046	2122770	2127616	1.33	cps
Thallium	205-1	5031190	5080022	4961160	5024124	1.19	cps
Tin	118-1	2601713	2623305	2647362	2624127	0.87	cps
Titanium	47-1	543911	550523	549592	548009	0.65	cps
Uranium	238-1	6179053	6155146	6078341	6137513	0.86	cps
Vanadium	51-2	483540	482003	476589	480711	0.76	cps
Yttrium	89-1	4143843	4208531	4128757	4160377	1.02	cps
Yttrium	89-2	214344	212687	210557	212529	0.89	cps
Zinc	66-2	217562	216979	218344	217628	0.31	cps
Zirconium	90-1	5593769	5686368	5671673	5650604	0.88	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:46:53	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1240959	1249465	1256494	1248973	0.62	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P8
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:49:55	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	25	28	45.82	cps
Antimony	121-1	717	717	575	669	12.22	cps
Arsenic	75-2	4	6	7	6	33.38	cps
Barium	135-1	100	117	108	108	7.69	cps
Barium	137-1	208	217	250	225	9.80	cps
Beryllium	9-1	128	128	133	130	2.48	cps
Bismuth	209-1	2121716	2120239	2146195	2129383	0.68	cps
Bismuth	209-2	1010545	1007573	996691	1004936	0.73	cps
Boron	10-1	2225	2417	2000	2214	9.42	cps
Boron	11-1	11672	11288	10371	11110	6.02	cps
Cadmium	111-1	629	728	538	632	15.04	cps
Cadmium	106-1	867	1008	733	870	15.82	cps
Cadmium	108-1	4	33	0	13	145.28	cps
Calcium	43-1	4351	3809	3726	3962	8.57	cps
Calcium	44-1	76408	76157	75949	76171	0.30	cps
Chromium	52-2	1343	1193	1247	1261	6.03	cps
Cobalt	59-2	97	117	87	100	15.27	cps
Copper	63-2	927	937	1030	964	5.91	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	25	8	28	75.51	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	25	58	67	50	44.10	cps
Gadolinium	160-2	10	0	7	6	91.64	cps
Holmium	165-1	3775512	3762143	3717642	3751766	0.81	cps
Holmium	165-2	1352381	1343967	1335165	1343838	0.64	cps
Indium	115-1	3664359	3696382	3695712	3685485	0.50	cps
Indium	115-2	276339	276067	275564	275990	0.14	cps
Iron	56-2	7441	6663	6307	6804	8.52	cps
Iron	57-2	194	139	178	170	16.73	cps
Lead	206-1	511	572	589	557	7.35	cps
Lead	207-1	622	439	383	482	25.96	cps
Lead	208-1	2145	2150	2033	2109	3.12	cps
Lithium	6-1	424952	431745	427445	428047	0.80	cps
Magnesium	24-2	275	250	350	292	17.84	cps
Manganese	55-2	130	77	113	107	25.58	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P8
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:49:55	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458	383	317	386	18.36	cps
Molybdenum	95-1	167	133	108	136	21.50	cps
Molybdenum	96-1	200	217	217	211	4.56	cps
Molybdenum	97-1	175	175	117	156	21.65	cps
Molybdenum	98-1	267	250	142	219	30.93	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	100	90	93	6.19	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	5827	5468	5485	5593	3.62	cps
Rhodium	103-1	3713204	3726081	3696813	3712033	0.40	cps
Rhodium	103-2	1445642	1429827	1430920	1435463	0.62	cps
Scandium	45-1	2778719	2790584	2760310	2776538	0.55	cps
Scandium	45-2	33627	33934	33824	33795	0.46	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	-76	-73	32	-39	-156.41	cps
Silicon	28-1	398510	392422	391482	394138	0.97	cps
Silver	109-1	575	408	400	461	21.41	cps
Silver	107-1	467	550	467	494	9.73	cps
Sodium	23-2	20098	19798	18696	19531	3.78	cps
Strontium	86-1	2709	2475	2275	2486	8.72	cps
Strontium	88-1	683	467	392	514	29.47	cps
Sulfur	34-1	346925	345334	345069	345776	0.29	cps
Terbium	159-1	3989923	3988004	3927503	3968477	0.89	cps
Terbium	159-2	1333254	1326808	1329819	1329961	0.24	cps
Thallium	203-1	375	458	383	406	11.32	cps
Thallium	205-1	1058	1075	825	986	14.18	cps
Tin	118-1	6226	1175	1267	2889	100.02	cps
Titanium	47-1	150	225	142	172	26.65	cps
Uranium	238-1	275	192	192	219	21.92	cps
Vanadium	51-2	17	10	27	18	47.19	cps
Yttrium	89-1	4159133	4140305	4072616	4124018	1.10	cps
Yttrium	89-2	211683	209950	211639	211091	0.47	cps
Zinc	66-2	73	77	70	73	4.55	cps
Zirconium	90-1	892	950	633	825	20.43	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P8
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:49:55	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	183	225	189	17.83	cps

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : PB100477BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 12:53:07 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	8	25	66.68	cps
Antimony	121-1	258	192	217	222	15.16	cps
Arsenic	75-2	6	6	2	4	49.54	cps
Barium	135-1	42	0	17	19	107.85	cps
Barium	137-1	42	58	58	53	18.23	cps
Beryllium	9-1	78	89	94	87	9.75	cps
Bismuth	209-1	2097352	2070277	2087116	2084915	0.66	cps
Bismuth	209-2	992169	994225	989043	991812	0.26	cps
Boron	10-1	1392	1517	1208	1372	11.30	cps
Boron	11-1	6969	6468	6443	6627	4.47	cps
Cadmium	111-1	714	693	517	641	16.85	cps
Cadmium	106-1	1033	992	742	922	17.11	cps
Cadmium	108-1	25	8	21	18	48.05	cps
Calcium	43-1	4401	3884	3784	4023	8.23	cps
Calcium	44-1	71256	71423	73225	71968	1.52	cps
Chromium	52-2	1137	1100	1107	1115	1.75	cps
Cobalt	59-2	137	90	93	107	24.41	cps
Copper	63-2	1033	950	1000	994	4.22	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	58	25	67	50	44.10	cps
Gadolinium	160-2	7	27	13	16	65.47	cps
Holmium	165-1	3681838	3655255	3718943	3685345	0.87	cps
Holmium	165-2	1313531	1325202	1327200	1321978	0.56	cps
Indium	115-1	3681277	3675047	3659107	3671810	0.31	cps
Indium	115-2	273112	276489	278983	276195	1.07	cps
Iron	56-2	5184	4995	4790	4990	3.96	cps
Iron	57-2	167	106	167	146	24.12	cps
Lead	206-1	322	333	317	324	2.62	cps
Lead	207-1	272	294	256	274	7.12	cps
Lead	208-1	1367	1228	1189	1261	7.41	cps
Lithium	6-1	422231	425823	419896	422650	0.71	cps
Magnesium	24-2	142	133	192	156	20.28	cps
Manganese	55-2	117	77	77	90	25.66	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	PB100477BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:53:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	208	242	219	8.77	cps
Molybdenum	95-1	25	33	33	31	15.74	cps
Molybdenum	96-1	83	42	50	58	37.80	cps
Molybdenum	97-1	67	92	92	83	17.32	cps
Molybdenum	98-1	25	67	42	44	47.19	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	97	60	70	33.34	cps
Phosphorus	31-2	25	0	25	17	86.60	cps
Potassium	39-2	5109	5210	5260	5193	1.47	cps
Rhodium	103-1	3709566	3686230	3681362	3692386	0.41	cps
Rhodium	103-2	1434531	1428232	1434431	1432398	0.25	cps
Scandium	45-1	2744105	2758976	2766990	2756690	0.42	cps
Scandium	45-2	34095	33447	33156	33566	1.43	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	-76	-107	-76	-87	-20.88	cps
Silicon	28-1	385358	383135	380070	382854	0.69	cps
Silver	109-1	142	242	192	192	26.09	cps
Silver	107-1	208	275	192	225	19.60	cps
Sodium	23-2	15860	15451	14833	15381	3.36	cps
Strontium	86-1	2375	2384	2367	2375	0.35	cps
Strontium	88-1	100	50	75	75	33.34	cps
Sulfur	34-1	348732	347367	346106	347401	0.38	cps
Terbium	159-1	3889828	3919409	3898438	3902558	0.39	cps
Terbium	159-2	1317181	1315267	1310165	1314204	0.28	cps
Thallium	203-1	217	192	192	200	7.22	cps
Thallium	205-1	350	483	408	414	16.15	cps
Tin	118-1	1233	1308	1233	1258	3.44	cps
Titanium	47-1	242	167	125	178	33.25	cps
Uranium	238-1	33	50	58	47	26.97	cps
Vanadium	51-2	7	20	10	12	56.76	cps
Yttrium	89-1	4097397	4074350	4122062	4097937	0.58	cps
Yttrium	89-2	211023	210299	213332	211551	0.75	cps
Zinc	66-2	53	47	40	47	14.28	cps
Zirconium	90-1	483	475	433	464	5.78	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	PB100477BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:53:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	67	83	119	64.83	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	PB100477BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:56:20	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	317	300	328	10.58	cps
Antimony	121-1	29007	28690	28014	28570	1.78	cps
Arsenic	75-2	322	313	304	313	2.96	cps
Barium	135-1	27546	27872	27062	27493	1.48	cps
Barium	137-1	49092	49151	48289	48844	0.99	cps
Beryllium	9-1	2134	2345	2078	2185	6.44	cps
Bismuth	209-1	2035360	2064609	2062617	2054195	0.80	cps
Bismuth	209-2	954965	964177	966276	961806	0.63	cps
Boron	10-1	7144	7177	7377	7233	1.75	cps
Boron	11-1	34919	34593	35412	34974	1.18	cps
Cadmium	111-1	3991	3949	3838	3926	2.02	cps
Cadmium	106-1	1150	1317	1058	1175	11.15	cps
Cadmium	108-1	258	200	238	232	12.74	cps
Calcium	43-1	25090	25549	25098	25246	1.04	cps
Calcium	44-1	400734	404733	402801	402756	0.50	cps
Chromium	52-2	6452	6362	6355	6389	0.85	cps
Cobalt	59-2	5404	5505	5311	5407	1.79	cps
Copper	63-2	10821	10808	10658	10762	0.84	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	58	33	66.14	cps
Erbium	164-2	0	7	17	8	107.84	cps
Gadolinium	160-1	17	42	50	36	48.03	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	3608440	3668302	3709767	3662170	1.39	cps
Holmium	165-2	1296187	1310599	1287233	1298006	0.91	cps
Indium	115-1	3570713	3637919	3662412	3623681	1.31	cps
Indium	115-2	269066	270817	271249	270377	0.43	cps
Iron	56-2	348232	346446	350191	348290	0.54	cps
Iron	57-2	8642	8903	9081	8875	2.49	cps
Lead	206-1	8270	7625	8303	8066	4.74	cps
Lead	207-1	7174	7280	7491	7315	2.21	cps
Lead	208-1	32812	32145	33168	32708	1.59	cps
Lithium	6-1	405017	407178	404873	405689	0.32	cps
Magnesium	24-2	42698	42197	42673	42523	0.66	cps
Manganese	55-2	867	850	847	854	1.25	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	PB100477BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:56:20	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26519	27312	27738	27189	2.28	cps
Molybdenum	95-1	32573	32883	33501	32986	1.43	cps
Molybdenum	96-1	36124	36492	37336	36651	1.69	cps
Molybdenum	97-1	20299	20967	21368	20878	2.59	cps
Molybdenum	98-1	53456	52202	51332	52330	2.04	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1763	1720	1633	1706	3.88	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	33232	33508	35028	33922	2.85	cps
Rhodium	103-1	3636218	3589556	3659121	3628298	0.98	cps
Rhodium	103-2	1412972	1408515	1411879	1411122	0.16	cps
Scandium	45-1	2731329	2710209	2759500	2733679	0.90	cps
Scandium	45-2	33400	33664	33246	33436	0.63	cps
Selenium	77-2	23	17	17	19	20.36	cps
Selenium	78-2	52	31	39	41	25.31	cps
Selenium	82-1	1087	1071	1058	1072	1.34	cps
Silicon	28-1	469391	471530	475846	472256	0.70	cps
Silver	109-1	17212	17145	16394	16917	2.68	cps
Silver	107-1	18513	17103	18739	18118	4.89	cps
Sodium	23-2	123381	122237	122070	122563	0.58	cps
Strontium	86-1	6518	6944	7002	6821	3.87	cps
Strontium	88-1	37837	37444	39935	38405	3.49	cps
Sulfur	34-1	342705	340854	343758	342439	0.43	cps
Terbium	159-1	3844990	3868659	3883104	3865585	0.50	cps
Terbium	159-2	1289895	1278320	1289028	1285748	0.50	cps
Thallium	203-1	8520	7953	8278	8250	3.45	cps
Thallium	205-1	20250	19649	20776	20225	2.79	cps
Tin	118-1	48456	49526	49894	49292	1.52	cps
Titanium	47-1	10112	10613	10146	10290	2.72	cps
Uranium	238-1	22855	23698	23607	23387	1.98	cps
Vanadium	51-2	9033	9400	8866	9100	3.00	cps
Yttrium	89-1	4058485	4067675	4074262	4066807	0.19	cps
Yttrium	89-2	208778	208099	208738	208539	0.18	cps
Zinc	66-2	947	980	860	929	6.67	cps
Zirconium	90-1	24164	23788	24006	23986	0.79	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	PB100477BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 12:56:20	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5176	5126	4926	5076	2.61	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:20:30	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	456222	453462	458849	456178	0.59	cps
Antimony	121-1	3600001	3681925	3685094	3655673	1.32	cps
Arsenic	75-2	79382	79941	80644	79989	0.79	cps
Barium	135-1	3607241	3594946	3591393	3597860	0.23	cps
Barium	137-1	6187686	6176103	6214263	6192684	0.32	cps
Beryllium	9-1	539317	542561	536106	539328	0.60	cps
Bismuth	209-1	1948828	1932372	1976818	1952673	1.15	cps
Bismuth	209-2	937932	934717	948671	940440	0.78	cps
Boron	10-1	67442	68480	69545	68489	1.53	cps
Boron	11-1	323424	328094	330335	327285	1.08	cps
Cadmium	111-1	796132	814140	807386	805886	1.13	cps
Cadmium	106-1	82745	83374	84247	83455	0.90	cps
Cadmium	108-1	56451	56338	57066	56619	0.69	cps
Calcium	43-1	5325785	5332171	5327006	5328321	0.06	cps
Calcium	44-1	86749319	86445825	85441189	86212111	0.79	cps
Chromium	52-2	670375	673784	676129	673429	0.43	cps
Cobalt	59-2	1292673	1288909	1293501	1291694	0.19	cps
Copper	63-2	2226026	2197199	2217142	2213456	0.67	cps
Dysprosium	156-1	142	100	75	106	31.91	cps
Dysprosium	156-2	20	13	17	17	20.01	cps
Erbium	164-1	58	50	17	42	52.91	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	83	67	58	69	18.33	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	3646201	3669981	3653654	3656612	0.33	cps
Holmium	165-2	1322415	1336856	1337387	1332219	0.64	cps
Indium	115-1	3475371	3504922	3505839	3495377	0.50	cps
Indium	115-2	267770	266264	270168	268067	0.73	cps
Iron	56-2	106683616	107124041	107213641	107007100	0.27	cps
Iron	57-2	2738677	2753523	2744680	2745627	0.27	cps
Lead	206-1	1599336	1590942	1568584	1586287	1.00	cps
Lead	207-1	1447413	1431528	1427773	1435571	0.73	cps
Lead	208-1	6581064	6513196	6537067	6543776	0.53	cps
Lithium	6-1	402502	401128	411680	405103	1.42	cps
Magnesium	24-2	11091605	11112407	11116002	11106672	0.12	cps
Manganese	55-2	377201	382860	384612	381558	1.02	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:20:30	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2972105	3038359	3055095	3021853	1.45	cps
Molybdenum	95-1	1733871	1735926	1732568	1734122	0.10	cps
Molybdenum	96-1	2217496	2229353	2238888	2228579	0.48	cps
Molybdenum	97-1	1058906	1065218	1073763	1065963	0.70	cps
Molybdenum	98-1	2805271	2835502	2810031	2816935	0.58	cps
Neodymium	150-1	153	107	127	129	18.17	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	379615	377773	378791	378726	0.24	cps
Phosphorus	31-2	8336	7611	7853	7933	4.66	cps
Potassium	39-2	3760569	3719494	3774695	3751586	0.76	cps
Rhodium	103-1	3428143	3465442	3460099	3451228	0.58	cps
Rhodium	103-2	1346129	1349990	1359576	1351898	0.51	cps
Scandium	45-1	2787476	2752955	2741361	2760597	0.87	cps
Scandium	45-2	35341	34395	34887	34874	1.36	cps
Selenium	77-2	620	617	620	619	0.31	cps
Selenium	78-2	1946	1971	2093	2003	3.92	cps
Selenium	82-1	55522	55173	55667	55454	0.46	cps
Silicon	28-1	2221063	2278939	2251089	2250364	1.29	cps
Silver	109-1	3865057	3884414	3869305	3872925	0.26	cps
Silver	107-1	4027191	4029710	4047344	4034748	0.27	cps
Sodium	23-2	27314654	27335258	27613861	27421258	0.61	cps
Strontium	86-1	1103816	1102066	1114270	1106717	0.60	cps
Strontium	88-1	9390131	9561967	9491757	9481285	0.91	cps
Sulfur	34-1	682478	684018	682679	683058	0.12	cps
Terbium	159-1	3841349	3860543	3868001	3856631	0.36	cps
Terbium	159-2	1321725	1317725	1331754	1323735	0.55	cps
Thallium	203-1	2046007	2057520	2037253	2046927	0.50	cps
Thallium	205-1	4805428	4819930	4763776	4796378	0.61	cps
Tin	118-1	2498291	2571957	2524750	2531666	1.47	cps
Titanium	47-1	536601	540845	538828	538758	0.39	cps
Uranium	238-1	5893226	5776885	5904928	5858347	1.21	cps
Vanadium	51-2	480652	482010	485931	482865	0.57	cps
Yttrium	89-1	4068737	4100272	4055065	4074691	0.57	cps
Yttrium	89-2	213985	213363	215000	214116	0.39	cps
Zinc	66-2	215618	217138	218439	217065	0.65	cps
Zirconium	90-1	5576931	5572890	5602003	5583941	0.28	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:20:30	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1222012	1226031	1229212	1225752	0.29	cps

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : CCB055 Instrumnet Name : P8
 Client Sample ID : CCB055 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 13:23:33 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	50	25	88.19	cps
Antimony	121-1	675	508	433	539	22.96	cps
Arsenic	75-2	15	9	7	10	36.70	cps
Barium	135-1	58	25	42	42	40.00	cps
Barium	137-1	58	50	58	56	8.67	cps
Beryllium	9-1	78	106	89	91	15.41	cps
Bismuth	209-1	2060388	2053147	2045326	2052954	0.37	cps
Bismuth	209-2	981803	978747	981424	980658	0.17	cps
Boron	10-1	2017	1875	1400	1764	18.31	cps
Boron	11-1	9162	8486	8478	8709	4.51	cps
Cadmium	111-1	620	687	660	656	5.12	cps
Cadmium	106-1	875	967	950	931	5.25	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	4259	4126	4334	4240	2.49	cps
Calcium	44-1	68693	69137	66575	68135	2.01	cps
Chromium	52-2	1130	1113	1170	1138	2.56	cps
Cobalt	59-2	123	83	90	99	21.67	cps
Copper	63-2	753	600	693	682	11.33	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	50	58	50	53	9.12	cps
Gadolinium	160-2	20	13	3	12	68.66	cps
Holmium	165-1	3638905	3625002	3632910	3632272	0.19	cps
Holmium	165-2	1312429	1311158	1301481	1308356	0.46	cps
Indium	115-1	3621057	3606650	3624033	3617247	0.26	cps
Indium	115-2	276790	274633	276995	276139	0.47	cps
Iron	56-2	5040	5162	5101	5101	1.20	cps
Iron	57-2	150	106	161	139	21.17	cps
Lead	206-1	517	361	506	461	18.82	cps
Lead	207-1	400	444	539	461	15.38	cps
Lead	208-1	2022	1833	1939	1932	4.90	cps
Lithium	6-1	421609	417763	414739	418037	0.82	cps
Magnesium	24-2	175	117	100	131	30.16	cps
Manganese	55-2	63	100	97	87	23.40	cps

LB Number : LB88612 Operator : Jaswal
 Lab Sample ID : CCB055 Instrumnet Name : P8
 Client Sample ID : CCB055 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-07 13:23:33 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	308	233	322	29.97	cps
Molybdenum	95-1	58	50	42	50	16.67	cps
Molybdenum	96-1	150	125	117	131	13.29	cps
Molybdenum	97-1	175	108	92	125	35.28	cps
Molybdenum	98-1	208	50	117	125	63.60	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	53	73	84	44.90	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	5560	5601	5593	5585	0.40	cps
Rhodium	103-1	3642492	3584440	3644858	3623930	0.94	cps
Rhodium	103-2	1427603	1428007	1429622	1428410	0.07	cps
Scandium	45-1	2748995	2760597	2732638	2747410	0.51	cps
Scandium	45-2	34643	33253	34342	34079	2.15	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-60	-145	78	-42	-265.21	cps
Silicon	28-1	393399	383973	374297	383889	2.49	cps
Silver	109-1	183	225	242	217	13.87	cps
Silver	107-1	267	242	225	244	8.58	cps
Sodium	23-2	15634	15100	15959	15565	2.79	cps
Strontium	86-1	2550	2592	2417	2520	3.63	cps
Strontium	88-1	175	92	150	139	30.79	cps
Sulfur	34-1	353027	351378	348057	350821	0.72	cps
Terbium	159-1	3878882	3888248	3803223	3856784	1.21	cps
Terbium	159-2	1302511	1299046	1300216	1300591	0.14	cps
Thallium	203-1	300	283	383	322	16.63	cps
Thallium	205-1	933	942	842	906	6.13	cps
Tin	118-1	1308	1383	1400	1364	3.58	cps
Titanium	47-1	117	142	158	139	15.10	cps
Uranium	238-1	117	92	67	92	27.27	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Yttrium	89-1	4096238	4077137	4060337	4077904	0.44	cps
Yttrium	89-2	211010	212916	212388	212105	0.46	cps
Zinc	66-2	43	80	57	60	30.93	cps
Zirconium	90-1	567	725	633	642	12.39	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P8
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:23:33	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	208	150	186	16.95	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:26:46	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114836	114240	112200	113758	1.22	cps
Antimony	121-1	12406	12698	12373	12493	1.43	cps
Arsenic	75-2	2585	2497	2532	2538	1.76	cps
Barium	135-1	378137	378178	371569	375961	1.01	cps
Barium	137-1	660541	652768	651643	654984	0.74	cps
Beryllium	9-1	1061	1017	939	1006	6.15	cps
Bismuth	209-1	1952736	1963172	1996416	1970774	1.16	cps
Bismuth	209-2	930754	925133	923475	926454	0.41	cps
Boron	10-1	11830	11914	11872	11872	0.35	cps
Boron	11-1	55509	58002	56612	56708	2.20	cps
Cadmium	111-1	2654	2949	2727	2777	5.54	cps
Cadmium	106-1	1300	1358	1192	1283	6.59	cps
Cadmium	108-1	217	175	154	182	17.49	cps
Calcium	43-1	3614601	3639642	3584647	3612964	0.76	cps
Calcium	44-1	58719528	58494530	58541689	58585249	0.20	cps
Chromium	52-2	31015	30614	31275	30968	1.08	cps
Cobalt	59-2	22705	22108	22602	22472	1.42	cps
Copper	63-2	172431	175034	174595	174020	0.80	cps
Dysprosium	156-1	22612	21134	22437	22061	3.66	cps
Dysprosium	156-2	8530	8786	8436	8584	2.11	cps
Erbium	164-1	20375	19307	19407	19696	3.00	cps
Erbium	164-2	6482	6545	6625	6551	1.10	cps
Gadolinium	160-1	21919	21961	21210	21697	1.95	cps
Gadolinium	160-2	10094	10144	10331	10190	1.23	cps
Holmium	165-1	3621242	3630975	3587897	3613371	0.63	cps
Holmium	165-2	1288889	1279328	1268007	1278742	0.82	cps
Indium	115-1	3563184	3551413	3509971	3541523	0.79	cps
Indium	115-2	268400	270350	267834	268861	0.49	cps
Iron	56-2	18222841	18143587	18189231	18185220	0.22	cps
Iron	57-2	457635	455359	458910	457301	0.39	cps
Lead	206-1	261176	256537	259266	258993	0.90	cps
Lead	207-1	217411	217104	220828	218448	0.95	cps
Lead	208-1	1015044	1012490	1017811	1015115	0.26	cps
Lithium	6-1	396968	393890	384127	391662	1.71	cps
Magnesium	24-2	1806231	1797084	1784303	1795873	0.61	cps
Manganese	55-2	289722	292673	294089	292161	0.76	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:26:46	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	36083	36744	35598	36142	1.59	cps
Molybdenum	95-1	9162	9595	9587	9448	2.62	cps
Molybdenum	96-1	15401	14709	15351	15154	2.55	cps
Molybdenum	97-1	5952	5735	6193	5960	3.85	cps
Molybdenum	98-1	14859	14633	15343	14945	2.42	cps
Neodymium	150-1	36692	37762	36926	37126	1.52	cps
Neodymium	150-2	8416	8426	8790	8544	2.49	cps
Nickel	60-2	16216	16003	15369	15863	2.78	cps
Phosphorus	31-2	1992	1850	1684	1842	8.38	cps
Potassium	39-2	260623	260408	258789	259940	0.39	cps
Rhodium	103-1	3531969	3567439	3491300	3530236	1.08	cps
Rhodium	103-2	1382429	1368875	1375712	1375672	0.49	cps
Scandium	45-1	2804821	2802136	2779792	2795583	0.49	cps
Scandium	45-2	33988	34001	34700	34230	1.19	cps
Selenium	77-2	27	37	40	34	20.14	cps
Selenium	78-2	41	28	39	36	19.58	cps
Selenium	82-1	135	-46	199	96	132.30	cps
Silicon	28-1	6216886	4743362	5335005	5431751	13.65	cps
Silver	109-1	5751	5051	4884	5229	8.80	cps
Silver	107-1	5376	5360	5076	5271	3.20	cps
Sodium	23-2	1137212	1123812	1135975	1132333	0.65	cps
Strontium	86-1	1132850	1126992	1125053	1128298	0.36	cps
Strontium	88-1	9566077	9575278	9606922	9582759	0.22	cps
Sulfur	34-1	379942	378872	372615	377143	1.05	cps
Terbium	159-1	3894577	3802115	3831938	3842877	1.23	cps
Terbium	159-2	1273268	1275455	1278314	1275679	0.20	cps
Thallium	203-1	2917	2742	2367	2675	10.51	cps
Thallium	205-1	6535	6369	6227	6377	2.42	cps
Tin	118-1	8578	8636	8186	8467	2.89	cps
Titanium	47-1	406510	402484	396959	401984	1.19	cps
Uranium	238-1	15402	15160	15360	15307	0.85	cps
Vanadium	51-2	27350	27858	27260	27489	1.17	cps
Yttrium	89-1	4481346	4429784	4443837	4451655	0.60	cps
Yttrium	89-2	232366	234461	230732	232519	0.80	cps
Zinc	66-2	43408	43568	43077	43351	0.58	cps
Zirconium	90-1	83399	85809	85582	84930	1.57	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:26:46	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	21682	19732	18872	20096	7.16	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:29:55	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136727	137143	138405	137425	0.64	cps
Antimony	121-1	10279	10663	10646	10530	2.06	cps
Arsenic	75-2	4147	4143	3956	4082	2.67	cps
Barium	135-1	427752	420565	426299	424872	0.89	cps
Barium	137-1	738139	736915	740841	738632	0.27	cps
Beryllium	9-1	1256	1383	1317	1319	4.85	cps
Bismuth	209-1	1983851	2002949	2023766	2003522	1.00	cps
Bismuth	209-2	927696	936129	917102	926976	1.03	cps
Boron	10-1	3551	3142	3376	3356	6.11	cps
Boron	11-1	15801	15317	16085	15734	2.47	cps
Cadmium	111-1	2611	2405	2444	2486	4.40	cps
Cadmium	106-1	1625	1350	1625	1534	10.36	cps
Cadmium	108-1	188	254	242	228	15.56	cps
Calcium	43-1	3741316	3728939	3704555	3724937	0.50	cps
Calcium	44-1	60296101	60544928	60341233	60394087	0.22	cps
Chromium	52-2	39563	38406	39051	39007	1.49	cps
Cobalt	59-2	34663	34931	34179	34591	1.10	cps
Copper	63-2	146311	145533	146718	146187	0.41	cps
Dysprosium	156-1	30286	31038	31815	31046	2.46	cps
Dysprosium	156-2	11435	11142	11285	11287	1.30	cps
Erbium	164-1	26795	26328	26228	26450	1.15	cps
Erbium	164-2	9143	8887	9053	9028	1.44	cps
Gadolinium	160-1	30503	29434	29835	29924	1.80	cps
Gadolinium	160-2	13554	13424	13661	13546	0.88	cps
Holmium	165-1	3628583	3647692	3632610	3636295	0.28	cps
Holmium	165-2	1276894	1278283	1278398	1277858	0.07	cps
Indium	115-1	3646432	3622554	3586716	3618567	0.83	cps
Indium	115-2	264752	266962	265327	265681	0.43	cps
Iron	56-2	24342195	24130405	24482071	24318224	0.73	cps
Iron	57-2	607796	608964	607270	608010	0.14	cps
Lead	206-1	181771	182246	183180	182399	0.39	cps
Lead	207-1	151932	152170	153096	152399	0.40	cps
Lead	208-1	708381	713891	716539	712937	0.58	cps
Lithium	6-1	368028	373925	370795	370916	0.80	cps
Magnesium	24-2	1111993	1107143	1103674	1107604	0.38	cps
Manganese	55-2	270250	272117	273730	272032	0.64	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:29:55	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	52571	57649	53666	54629	4.89	cps
Molybdenum	95-1	15626	15268	14859	15251	2.52	cps
Molybdenum	96-1	24005	24941	24440	24462	1.91	cps
Molybdenum	97-1	10154	9629	9520	9768	3.47	cps
Molybdenum	98-1	25258	23738	24306	24434	3.14	cps
Neodymium	150-1	53951	52747	54086	53595	1.38	cps
Neodymium	150-2	12293	11902	11679	11958	2.60	cps
Nickel	60-2	22832	22866	23166	22955	0.80	cps
Phosphorus	31-2	2117	1984	2059	2053	3.26	cps
Potassium	39-2	161748	165455	167287	164830	1.71	cps
Rhodium	103-1	3553652	3512436	3518657	3528248	0.63	cps
Rhodium	103-2	1374631	1369446	1366885	1370321	0.29	cps
Scandium	45-1	2799096	2771482	2796368	2788982	0.55	cps
Scandium	45-2	34426	34175	34045	34215	0.57	cps
Selenium	77-2	60	63	63	62	3.09	cps
Selenium	78-2	35	33	26	31	15.56	cps
Selenium	82-1	-154	-14	29	-46	-206.05	cps
Silicon	28-1	6895256	17025516	8785225	10901999	49.41	cps
Silver	109-1	3384	3384	3059	3276	5.73	cps
Silver	107-1	3667	3334	3592	3531	4.95	cps
Sodium	23-2	180052	182608	177543	180068	1.41	cps
Strontium	86-1	796774	796965	799513	797751	0.19	cps
Strontium	88-1	6773680	6914616	6866660	6851652	1.05	cps
Sulfur	34-1	344122	344719	337033	341958	1.25	cps
Terbium	159-1	3925178	3832848	3842171	3866732	1.31	cps
Terbium	159-2	1261500	1273473	1267667	1267547	0.47	cps
Thallium	203-1	4193	3417	3826	3812	10.17	cps
Thallium	205-1	9637	8487	8553	8892	7.26	cps
Tin	118-1	7961	8211	8061	8078	1.56	cps
Titanium	47-1	413517	427664	430331	423837	2.13	cps
Uranium	238-1	28309	27974	27339	27874	1.77	cps
Vanadium	51-2	46330	46266	46283	46293	0.07	cps
Yttrium	89-1	4620292	4624463	4572901	4605885	0.62	cps
Yttrium	89-2	236072	236021	236356	236150	0.08	cps
Zinc	66-2	29612	30287	29645	29848	1.27	cps
Zirconium	90-1	126296	127032	124121	125816	1.20	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:29:55	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	29865	28742	27412	28673	4.28	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:33:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129067	130029	127772	128956	0.88	cps
Antimony	121-1	9312	9762	9170	9415	3.28	cps
Arsenic	75-2	4684	4758	4514	4652	2.70	cps
Barium	135-1	380935	382194	384045	382391	0.41	cps
Barium	137-1	658691	677972	667853	668172	1.44	cps
Beryllium	9-1	1306	1183	1267	1252	4.99	cps
Bismuth	209-1	2001436	2010506	2021733	2011225	0.51	cps
Bismuth	209-2	920562	930795	929181	926846	0.59	cps
Boron	10-1	2342	3076	2534	2650	14.35	cps
Boron	11-1	11672	12439	11981	12031	3.21	cps
Cadmium	111-1	2490	2504	2582	2525	1.96	cps
Cadmium	106-1	1283	1217	1308	1270	3.73	cps
Cadmium	108-1	221	188	233	214	11.08	cps
Calcium	43-1	3347024	3331242	3348110	3342125	0.28	cps
Calcium	44-1	53622441	54101455	53704697	53809531	0.48	cps
Chromium	52-2	60895	61291	60582	60923	0.58	cps
Cobalt	59-2	34593	34984	35525	35034	1.34	cps
Copper	63-2	1789148	1790198	1790465	1789937	0.04	cps
Dysprosium	156-1	30361	29793	29208	29788	1.93	cps
Dysprosium	156-2	10738	11025	11058	10940	1.61	cps
Erbium	164-1	25751	25768	25885	25802	0.28	cps
Erbium	164-2	8736	8756	8940	8811	1.27	cps
Gadolinium	160-1	28432	27889	28649	28323	1.38	cps
Gadolinium	160-2	12947	13057	13017	13007	0.43	cps
Holmium	165-1	3577998	3690603	3696531	3655044	1.83	cps
Holmium	165-2	1271466	1285416	1267737	1274873	0.73	cps
Indium	115-1	3567791	3570669	3602952	3580471	0.55	cps
Indium	115-2	262252	264627	263000	263293	0.46	cps
Iron	56-2	22316384	22312034	22686426	22438281	0.96	cps
Iron	57-2	562184	563012	560554	561917	0.22	cps
Lead	206-1	307572	312427	314709	311569	1.17	cps
Lead	207-1	260402	264789	263852	263014	0.88	cps
Lead	208-1	1210792	1227558	1234364	1224238	0.99	cps
Lithium	6-1	354649	356868	354787	355435	0.35	cps
Magnesium	24-2	1037229	1038665	1032215	1036036	0.33	cps
Manganese	55-2	243089	242915	242757	242920	0.07	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:33:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	54912	53926	53598	54146	1.26	cps
Molybdenum	95-1	45603	45017	46121	45580	1.21	cps
Molybdenum	96-1	53373	54100	51959	53144	2.05	cps
Molybdenum	97-1	28581	28915	27938	28478	1.74	cps
Molybdenum	98-1	71456	72770	71724	71983	0.96	cps
Neodymium	150-1	50350	51441	50712	50834	1.09	cps
Neodymium	150-2	11819	11822	11909	11850	0.43	cps
Nickel	60-2	25380	25123	25089	25197	0.63	cps
Phosphorus	31-2	2650	2659	3125	2812	9.67	cps
Potassium	39-2	184268	185283	181674	183741	1.01	cps
Rhodium	103-1	3537994	3567583	3511247	3538941	0.80	cps
Rhodium	103-2	1364640	1381698	1354518	1366952	1.00	cps
Scandium	45-1	2745896	2787831	2760116	2764614	0.77	cps
Scandium	45-2	34322	34202	33838	34120	0.74	cps
Selenium	77-2	57	57	60	58	3.33	cps
Selenium	78-2	33	39	33	35	9.12	cps
Selenium	82-1	133	194	91	139	37.35	cps
Silicon	28-1	6638246	5231909	7834438	6568198	19.83	cps
Silver	109-1	7127	6827	6985	6980	2.15	cps
Silver	107-1	7194	7544	7794	7511	4.01	cps
Sodium	23-2	63470	66161	65360	64997	2.13	cps
Strontium	86-1	500212	501795	496500	499502	0.54	cps
Strontium	88-1	4319458	4332254	4211949	4287887	1.54	cps
Sulfur	34-1	400432	395504	394455	396797	0.80	cps
Terbium	159-1	3875591	3887711	3860104	3874469	0.36	cps
Terbium	159-2	1257237	1266167	1248401	1257268	0.71	cps
Thallium	203-1	3401	3517	3659	3526	3.67	cps
Thallium	205-1	7995	7836	8211	8014	2.35	cps
Tin	118-1	12281	12415	12707	12468	1.75	cps
Titanium	47-1	530335	531978	539936	534083	0.96	cps
Uranium	238-1	39731	40367	40659	40252	1.18	cps
Vanadium	51-2	48357	48741	48440	48513	0.42	cps
Yttrium	89-1	4557260	4590706	4524936	4557634	0.72	cps
Yttrium	89-2	235552	235769	232217	234513	0.85	cps
Zinc	66-2	37314	36939	36502	36918	1.10	cps
Zirconium	90-1	76147	78230	73970	76116	2.80	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:33:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17787	18265	16569	17540	4.98	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:36:15	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124794	124408	125385	124862	0.39	cps
Antimony	121-1	23380	23213	23989	23527	1.74	cps
Arsenic	75-2	3751	3845	3745	3780	1.49	cps
Barium	135-1	427721	435408	430133	431087	0.91	cps
Barium	137-1	742953	742230	753425	746202	0.84	cps
Beryllium	9-1	978	1100	1095	1057	6.53	cps
Bismuth	209-1	2019868	2030347	2033669	2027961	0.36	cps
Bismuth	209-2	926219	919395	916282	920632	0.55	cps
Boron	10-1	4092	4359	3959	4137	4.93	cps
Boron	11-1	19439	19105	19139	19227	0.96	cps
Cadmium	111-1	4692	4201	4316	4403	5.83	cps
Cadmium	106-1	1400	1517	1492	1470	4.18	cps
Cadmium	108-1	258	350	333	314	15.56	cps
Calcium	43-1	2497781	2532470	2521449	2517233	0.70	cps
Calcium	44-1	40337303	40464168	40583856	40461776	0.30	cps
Chromium	52-2	40987	41174	41842	41334	1.09	cps
Cobalt	59-2	44247	44177	43856	44093	0.47	cps
Copper	63-2	399938	398107	395457	397834	0.57	cps
Dysprosium	156-1	25768	25660	25701	25710	0.21	cps
Dysprosium	156-2	9350	9550	9630	9510	1.52	cps
Erbium	164-1	21686	21369	21535	21530	0.74	cps
Erbium	164-2	7399	7409	7382	7397	0.18	cps
Gadolinium	160-1	25033	24649	23965	24549	2.21	cps
Gadolinium	160-2	10838	11055	10708	10867	1.61	cps
Holmium	165-1	3634133	3732857	3698266	3688419	1.36	cps
Holmium	165-2	1259414	1265858	1254500	1259924	0.45	cps
Indium	115-1	3571724	3583136	3592151	3582337	0.29	cps
Indium	115-2	258479	256408	256703	257197	0.44	cps
Iron	56-2	27154840	26810285	26482260	26815795	1.25	cps
Iron	57-2	674083	676341	674094	674839	0.19	cps
Lead	206-1	678752	670372	669804	672976	0.74	cps
Lead	207-1	573450	573385	567570	571469	0.59	cps
Lead	208-1	2645373	2645216	2638734	2643108	0.14	cps
Lithium	6-1	346188	345282	343294	344922	0.43	cps
Magnesium	24-2	1174119	1184501	1169501	1176041	0.65	cps
Manganese	55-2	272314	270586	272609	271836	0.40	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:36:15	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30528	29225	30197	29983	2.26	cps
Molybdenum	95-1	12973	13249	12356	12859	3.55	cps
Molybdenum	96-1	17128	17896	18071	17698	2.83	cps
Molybdenum	97-1	8019	8728	8736	8495	4.85	cps
Molybdenum	98-1	20767	20908	20383	20686	1.31	cps
Neodymium	150-1	44657	43828	44824	44436	1.20	cps
Neodymium	150-2	10151	10024	9997	10057	0.82	cps
Nickel	60-2	25113	24071	24622	24602	2.12	cps
Phosphorus	31-2	1575	1809	1634	1672	7.26	cps
Potassium	39-2	189654	188846	187795	188765	0.49	cps
Rhodium	103-1	3551502	3513180	3512611	3525764	0.63	cps
Rhodium	103-2	1360206	1357363	1366473	1361347	0.34	cps
Scandium	45-1	2730527	2691294	2726718	2716180	0.80	cps
Scandium	45-2	34185	33129	33330	33548	1.67	cps
Selenium	77-2	57	73	60	63	13.93	cps
Selenium	78-2	43	39	28	36	21.16	cps
Selenium	82-1	215	90	-35	90	138.35	cps
Silicon	28-1	5406863	19032745	7454998	10631535	69.11	cps
Silver	109-1	5960	6268	5910	6046	3.21	cps
Silver	107-1	6377	6402	6577	6452	1.69	cps
Sodium	23-2	70894	70348	69228	70157	1.21	cps
Strontium	86-1	642709	644065	647658	644811	0.40	cps
Strontium	88-1	5522111	5513584	5561143	5532279	0.46	cps
Sulfur	34-1	344082	341294	339933	341770	0.62	cps
Terbium	159-1	3901081	3873310	3873496	3882629	0.41	cps
Terbium	159-2	1250015	1259693	1242481	1250730	0.69	cps
Thallium	203-1	2959	3376	3309	3214	6.96	cps
Thallium	205-1	7978	7586	7711	7758	2.58	cps
Tin	118-1	33601	33953	34571	34042	1.44	cps
Titanium	47-1	495444	493192	503366	497334	1.07	cps
Uranium	238-1	17705	17405	17890	17667	1.39	cps
Vanadium	51-2	37835	38302	38717	38285	1.15	cps
Yttrium	89-1	4434257	4391350	4430905	4418837	0.54	cps
Yttrium	89-2	225229	223940	223851	224340	0.34	cps
Zinc	66-2	122633	122777	122145	122518	0.27	cps
Zirconium	90-1	64028	59465	60716	61403	3.84	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:36:15	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	13641	13107	13408	13385	2.00	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:39:25	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51662	51562	52004	51743	0.45	cps
Antimony	121-1	60404	60848	61535	60929	0.94	cps
Arsenic	75-2	13023	13623	13470	13372	2.33	cps
Barium	135-1	283228	286594	284810	284878	0.59	cps
Barium	137-1	495075	495866	504165	498369	1.01	cps
Beryllium	9-1	367	467	367	400	14.43	cps
Bismuth	209-1	2033886	2035593	2044011	2037830	0.27	cps
Bismuth	209-2	901097	898404	902535	900679	0.23	cps
Boron	10-1	1817	1809	2017	1881	6.27	cps
Boron	11-1	9153	8836	9128	9039	1.95	cps
Cadmium	111-1	2372	2434	2615	2474	5.10	cps
Cadmium	106-1	1183	1058	1333	1192	11.55	cps
Cadmium	108-1	242	242	229	238	3.04	cps
Calcium	43-1	2004931	2012666	2017697	2011765	0.32	cps
Calcium	44-1	32461269	32182085	32148453	32263936	0.53	cps
Chromium	52-2	52020	52063	52809	52297	0.85	cps
Cobalt	59-2	18329	18062	17775	18055	1.53	cps
Copper	63-2	240583	239940	243263	241262	0.73	cps
Dysprosium	156-1	12982	13199	13199	13127	0.95	cps
Dysprosium	156-2	4811	4968	5098	4959	2.90	cps
Erbium	164-1	12490	12140	12181	12270	1.56	cps
Erbium	164-2	3797	4171	4101	4023	4.93	cps
Gadolinium	160-1	13399	12924	12548	12957	3.29	cps
Gadolinium	160-2	5938	5695	6018	5884	2.86	cps
Holmium	165-1	3632610	3660049	3667690	3653450	0.50	cps
Holmium	165-2	1232851	1211590	1220160	1221534	0.88	cps
Indium	115-1	3544706	3593776	3575346	3571276	0.69	cps
Indium	115-2	254941	251959	254899	253933	0.67	cps
Iron	56-2	31247115	31347678	31445576	31346790	0.32	cps
Iron	57-2	781880	785096	790219	785732	0.54	cps
Lead	206-1	3089244	3024921	3025097	3046421	1.22	cps
Lead	207-1	2639593	2588230	2590044	2605956	1.12	cps
Lead	208-1	12123114	11852630	11937602	11971115	1.16	cps
Lithium	6-1	327051	325523	328088	326887	0.39	cps
Magnesium	24-2	900806	896345	894574	897242	0.36	cps
Manganese	55-2	359606	360637	364099	361448	0.65	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:39:25	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	33075	32122	33283	32827	1.89	cps
Molybdenum	95-1	26761	26552	26660	26658	0.39	cps
Molybdenum	96-1	32440	31964	32540	32315	0.95	cps
Molybdenum	97-1	17111	17103	17245	17153	0.46	cps
Molybdenum	98-1	43128	44015	43931	43691	1.12	cps
Neodymium	150-1	21231	22093	21765	21696	2.00	cps
Neodymium	150-2	4778	4554	4944	4759	4.11	cps
Nickel	60-2	20919	20649	21460	21009	1.97	cps
Phosphorus	31-2	1692	1408	1700	1600	10.38	cps
Potassium	39-2	58247	58204	57853	58101	0.37	cps
Rhodium	103-1	3512425	3463634	3483715	3486591	0.70	cps
Rhodium	103-2	1350216	1338357	1340071	1342881	0.48	cps
Scandium	45-1	2653074	2634412	2663866	2650451	0.56	cps
Scandium	45-2	31819	31920	31425	31721	0.82	cps
Selenium	77-2	37	43	40	40	8.32	cps
Selenium	78-2	26	17	22	22	21.57	cps
Selenium	82-1	16	-1	171	62	152.67	cps
Silicon	28-1	5481272	5404068	8019553	6301631	23.62	cps
Silver	109-1	10296	9696	10054	10015	3.02	cps
Silver	107-1	9837	10171	10279	10096	2.28	cps
Sodium	23-2	116885	116784	118002	117224	0.58	cps
Strontium	86-1	510846	503445	511303	508531	0.87	cps
Strontium	88-1	4359322	4364581	4411289	4378397	0.65	cps
Sulfur	34-1	350022	347719	341265	346335	1.31	cps
Terbium	159-1	3878169	3866937	3857252	3867453	0.27	cps
Terbium	159-2	1225019	1225313	1220444	1223592	0.22	cps
Thallium	203-1	1058	1017	842	972	11.83	cps
Thallium	205-1	2559	2334	2484	2459	4.66	cps
Tin	118-1	22094	21568	21969	21877	1.26	cps
Titanium	47-1	252097	252861	253297	252752	0.24	cps
Uranium	238-1	35176	33521	34566	34421	2.43	cps
Vanadium	51-2	33153	32461	32972	32862	1.09	cps
Yttrium	89-1	4248691	4264721	4276386	4263266	0.33	cps
Yttrium	89-2	212739	209944	214906	212530	1.17	cps
Zinc	66-2	503867	502678	507281	504609	0.47	cps
Zirconium	90-1	46381	48840	47300	47507	2.62	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:39:25	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11382	11280	11055	11239	1.49	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:42:33	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86379	83673	82842	84298	2.19	cps
Antimony	121-1	7844	7444	7811	7700	2.88	cps
Arsenic	75-2	3519	3425	3463	3469	1.37	cps
Barium	135-1	254428	253026	255027	254161	0.40	cps
Barium	137-1	439728	439574	434941	438081	0.62	cps
Beryllium	9-1	661	667	717	682	4.49	cps
Bismuth	209-1	1994409	1954199	2005983	1984863	1.37	cps
Bismuth	209-2	893739	893027	894607	893791	0.09	cps
Boron	10-1	3859	3634	4201	3898	7.32	cps
Boron	11-1	18713	18029	17345	18029	3.79	cps
Cadmium	111-1	1878	1906	1926	1903	1.28	cps
Cadmium	106-1	1092	1050	1150	1097	4.58	cps
Cadmium	108-1	171	83	113	122	36.45	cps
Calcium	43-1	2239977	2315910	2268305	2274731	1.69	cps
Calcium	44-1	36319096	36933829	36584888	36612604	0.84	cps
Chromium	52-2	23717	23687	23086	23497	1.51	cps
Cobalt	59-2	21100	20766	20842	20903	0.84	cps
Copper	63-2	106172	107592	106155	106640	0.77	cps
Dysprosium	156-1	17204	17212	17462	17293	0.85	cps
Dysprosium	156-2	6315	5975	6315	6202	3.17	cps
Erbium	164-1	14642	14751	15351	14915	2.56	cps
Erbium	164-2	4751	4908	5174	4944	4.33	cps
Gadolinium	160-1	15927	16887	16369	16394	2.93	cps
Gadolinium	160-2	7666	7402	7592	7553	1.80	cps
Holmium	165-1	3548467	3632699	3633010	3604725	1.35	cps
Holmium	165-2	1233502	1224787	1224545	1227611	0.42	cps
Indium	115-1	3498531	3512592	3488677	3499933	0.34	cps
Indium	115-2	252940	254634	254437	254004	0.36	cps
Iron	56-2	15640982	15761320	15610142	15670815	0.51	cps
Iron	57-2	391119	392924	392860	392301	0.26	cps
Lead	206-1	161076	161166	163626	161956	0.89	cps
Lead	207-1	135796	136015	137851	136554	0.83	cps
Lead	208-1	635782	632910	637744	635478	0.38	cps
Lithium	6-1	320530	314632	317161	317441	0.93	cps
Magnesium	24-2	958634	963953	960974	961187	0.28	cps
Manganese	55-2	254957	254229	253747	254311	0.24	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:42:33	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22879	23439	22378	22898	2.32	cps
Molybdenum	95-1	15451	15401	15601	15484	0.67	cps
Molybdenum	96-1	19440	18330	18805	18858	2.95	cps
Molybdenum	97-1	9162	9904	9529	9532	3.89	cps
Molybdenum	98-1	24231	24072	24081	24128	0.37	cps
Neodymium	150-1	28772	27423	28057	28084	2.40	cps
Neodymium	150-2	6332	6112	6192	6212	1.79	cps
Nickel	60-2	13493	13440	13246	13393	0.97	cps
Phosphorus	31-2	1242	1400	1358	1333	6.16	cps
Potassium	39-2	140487	141749	139704	140647	0.73	cps
Rhodium	103-1	3441465	3475860	3420361	3445895	0.81	cps
Rhodium	103-2	1341359	1347023	1335826	1341403	0.42	cps
Scandium	45-1	2642029	2667058	2654307	2654465	0.47	cps
Scandium	45-2	32568	32665	32858	32697	0.45	cps
Selenium	77-2	53	47	47	49	7.86	cps
Selenium	78-2	31	15	26	24	35.26	cps
Selenium	82-1	-30	-178	108	-33	-431.28	cps
Silicon	28-1	4682285	8237164	7912561	6944003	28.30	cps
Silver	109-1	2334	2609	2200	2381	8.75	cps
Silver	107-1	2475	2375	2709	2520	6.79	cps
Sodium	23-2	542490	550569	545909	546323	0.74	cps
Strontium	86-1	542569	547566	545387	545174	0.46	cps
Strontium	88-1	4724912	4728071	4717483	4723489	0.12	cps
Sulfur	34-1	397688	398267	395777	397244	0.33	cps
Terbium	159-1	3848719	3872070	3847370	3856053	0.36	cps
Terbium	159-2	1230241	1219107	1230438	1226595	0.53	cps
Thallium	203-1	2250	2592	2525	2456	7.38	cps
Thallium	205-1	6002	5952	5627	5860	3.48	cps
Tin	118-1	7377	7327	7711	7472	2.79	cps
Titanium	47-1	320984	311438	305657	312693	2.48	cps
Uranium	238-1	15644	14960	15060	15221	2.43	cps
Vanadium	51-2	27000	26529	27143	26890	1.20	cps
Yttrium	89-1	4271952	4276698	4247092	4265248	0.37	cps
Yttrium	89-2	215956	216010	215892	215953	0.03	cps
Zinc	66-2	23400	22659	23156	23072	1.64	cps
Zirconium	90-1	38064	39437	45397	40966	9.52	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:42:33	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8712	8595	9231	8846	3.83	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:45:43	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71523	71801	73550	72291	1.52	cps
Antimony	121-1	10646	10505	10671	10607	0.85	cps
Arsenic	75-2	4349	4436	4269	4351	1.92	cps
Barium	135-1	541719	543256	539903	541626	0.31	cps
Barium	137-1	934714	935686	935363	935254	0.05	cps
Beryllium	9-1	528	622	478	543	13.52	cps
Bismuth	209-1	1992309	1998852	1997796	1996319	0.18	cps
Bismuth	209-2	902376	893005	891248	895543	0.67	cps
Boron	10-1	3175	3017	3109	3100	2.56	cps
Boron	11-1	15401	15242	15384	15342	0.57	cps
Cadmium	111-1	2977	3079	2800	2952	4.78	cps
Cadmium	106-1	1267	1325	1050	1214	11.94	cps
Cadmium	108-1	146	171	175	164	9.63	cps
Calcium	43-1	3086945	3099491	3136556	3107664	0.83	cps
Calcium	44-1	49620887	49523940	49462805	49535877	0.16	cps
Chromium	52-2	31993	32140	32334	32156	0.53	cps
Cobalt	59-2	16951	16904	16627	16827	1.04	cps
Copper	63-2	200339	200589	200604	200510	0.07	cps
Dysprosium	156-1	13758	13825	13649	13744	0.64	cps
Dysprosium	156-2	5308	5345	5161	5271	1.84	cps
Erbium	164-1	12857	11989	13015	12621	4.38	cps
Erbium	164-2	4147	4061	4124	4111	1.09	cps
Gadolinium	160-1	13749	13541	13950	13747	1.49	cps
Gadolinium	160-2	6318	5971	6142	6144	2.82	cps
Holmium	165-1	3644488	3653998	3626648	3641712	0.38	cps
Holmium	165-2	1241953	1230508	1223538	1232000	0.75	cps
Indium	115-1	3476896	3530842	3472749	3493496	0.93	cps
Indium	115-2	252434	253570	255121	253708	0.53	cps
Iron	56-2	13592063	13606145	13493366	13563858	0.45	cps
Iron	57-2	339204	337716	343432	340117	0.87	cps
Lead	206-1	206532	206702	206045	206426	0.17	cps
Lead	207-1	174056	171996	174821	173624	0.84	cps
Lead	208-1	803413	803967	810925	806101	0.52	cps
Lithium	6-1	320641	316396	315391	317476	0.88	cps
Magnesium	24-2	1160860	1179632	1160482	1166991	0.94	cps
Manganese	55-2	163712	163433	163766	163637	0.11	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:45:43	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29175	32167	28247	29863	6.86	cps
Molybdenum	95-1	27203	26393	26168	26588	2.05	cps
Molybdenum	96-1	30401	31095	30802	30766	1.13	cps
Molybdenum	97-1	17162	16753	16527	16814	1.91	cps
Molybdenum	98-1	41899	41674	41690	41754	0.30	cps
Neodymium	150-1	23756	22754	23482	23331	2.22	cps
Neodymium	150-2	5458	5058	4978	5164	4.98	cps
Nickel	60-2	13437	13287	13440	13388	0.65	cps
Phosphorus	31-2	1175	1267	1192	1211	4.03	cps
Potassium	39-2	105535	106672	103168	105125	1.70	cps
Rhodium	103-1	3484748	3431161	3429146	3448351	0.91	cps
Rhodium	103-2	1341195	1338604	1342666	1340822	0.15	cps
Scandium	45-1	2694258	2704839	2720892	2706663	0.50	cps
Scandium	45-2	32521	32875	32792	32729	0.57	cps
Selenium	77-2	37	23	33	31	22.31	cps
Selenium	78-2	26	26	17	23	23.40	cps
Selenium	82-1	77	72	63	71	9.98	cps
Silicon	28-1	4437005	5547739	4904654	4963133	11.24	cps
Silver	109-1	2825	2900	2742	2823	2.81	cps
Silver	107-1	2867	2767	2817	2817	1.78	cps
Sodium	23-2	209520	208093	204838	207484	1.16	cps
Strontium	86-1	707652	698504	703904	703353	0.65	cps
Strontium	88-1	6094042	6031478	6165015	6096845	1.10	cps
Sulfur	34-1	410566	407474	403587	407209	0.86	cps
Terbium	159-1	3836314	3816133	3789107	3813851	0.62	cps
Terbium	159-2	1225149	1217331	1222069	1221516	0.32	cps
Thallium	203-1	2425	2567	2584	2525	3.45	cps
Thallium	205-1	6160	6402	6827	6463	5.23	cps
Tin	118-1	10304	10013	9821	10046	2.42	cps
Titanium	47-1	299306	318172	292199	303226	4.43	cps
Uranium	238-1	16203	16161	16912	16425	2.57	cps
Vanadium	51-2	23917	24071	23563	23851	1.09	cps
Yttrium	89-1	4238760	4240612	4225858	4235077	0.19	cps
Yttrium	89-2	215679	213787	213407	214291	0.57	cps
Zinc	66-2	36204	36030	35820	36018	0.53	cps
Zirconium	90-1	39400	39501	41747	40216	3.30	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:45:43	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8603	8787	11183	9524	15.11	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:48:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126595	126546	127799	126980	0.56	cps
Antimony	121-1	22603	22612	22804	22673	0.50	cps
Arsenic	75-2	4119	4188	4047	4118	1.71	cps
Barium	135-1	441608	445291	436361	441087	1.02	cps
Barium	137-1	772152	767824	760585	766854	0.76	cps
Beryllium	9-1	978	961	950	963	1.45	cps
Bismuth	209-1	2022463	2049622	2038250	2036778	0.67	cps
Bismuth	209-2	890735	892571	896096	893134	0.31	cps
Boron	10-1	4326	4651	4693	4556	4.41	cps
Boron	11-1	21425	21025	20941	21130	1.23	cps
Cadmium	111-1	4518	4568	4819	4635	3.48	cps
Cadmium	106-1	1617	1425	1500	1514	6.38	cps
Cadmium	108-1	342	442	325	369	17.08	cps
Calcium	43-1	2701701	2692037	2667358	2687032	0.66	cps
Calcium	44-1	43146645	42780308	43019862	42982272	0.43	cps
Chromium	52-2	47206	47581	46915	47234	0.71	cps
Cobalt	59-2	33193	32608	32785	32862	0.91	cps
Copper	63-2	427372	427079	430378	428276	0.43	cps
Dysprosium	156-1	28440	28298	27338	28026	2.14	cps
Dysprosium	156-2	10084	9937	9517	9846	2.99	cps
Erbium	164-1	23272	23915	24132	23773	1.88	cps
Erbium	164-2	7302	7432	7702	7479	2.73	cps
Gadolinium	160-1	27046	27238	25994	26759	2.50	cps
Gadolinium	160-2	11575	11772	11459	11602	1.37	cps
Holmium	165-1	3648793	3712659	3723392	3694948	1.09	cps
Holmium	165-2	1226700	1229014	1237745	1231153	0.47	cps
Indium	115-1	3488799	3485004	3541242	3505015	0.90	cps
Indium	115-2	252652	250634	251563	251616	0.40	cps
Iron	56-2	26439872	26151302	26109571	26233582	0.69	cps
Iron	57-2	663596	659280	658918	660598	0.39	cps
Lead	206-1	777165	782090	785807	781687	0.55	cps
Lead	207-1	661486	667213	665141	664613	0.44	cps
Lead	208-1	3089171	3122814	3081109	3097698	0.71	cps
Lithium	6-1	320370	326263	320307	322313	1.06	cps
Magnesium	24-2	1332429	1330177	1326053	1329553	0.24	cps
Manganese	55-2	268439	269933	267052	268475	0.54	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:48:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31204	30101	31809	31038	2.79	cps
Molybdenum	95-1	12223	12840	12890	12651	2.94	cps
Molybdenum	96-1	17537	17145	17771	17484	1.81	cps
Molybdenum	97-1	8353	7886	7753	7997	3.94	cps
Molybdenum	98-1	20458	20399	20049	20302	1.09	cps
Neodymium	150-1	48316	47633	46276	47409	2.19	cps
Neodymium	150-2	10234	10057	10171	10154	0.88	cps
Nickel	60-2	25667	25490	26702	25953	2.52	cps
Phosphorus	31-2	2175	2034	2084	2097	3.43	cps
Potassium	39-2	188993	189045	186647	188228	0.73	cps
Rhodium	103-1	3414563	3487559	3494401	3465508	1.28	cps
Rhodium	103-2	1345198	1337140	1346132	1342823	0.37	cps
Scandium	45-1	2689427	2683322	2730299	2701016	0.95	cps
Scandium	45-2	32194	32074	33009	32425	1.57	cps
Selenium	77-2	57	90	77	74	22.53	cps
Selenium	78-2	50	48	43	47	8.22	cps
Selenium	82-1	128	119	-49	66	150.28	cps
Silicon	28-1	7669382	9848263	6398731	7972125	21.88	cps
Silver	109-1	5768	5943	5785	5832	1.66	cps
Silver	107-1	5768	5693	5501	5654	2.43	cps
Sodium	23-2	88583	87393	86932	87636	0.97	cps
Strontium	86-1	673711	675094	671590	673465	0.26	cps
Strontium	88-1	5777527	5800574	5737416	5771839	0.55	cps
Sulfur	34-1	335833	334333	331914	334027	0.59	cps
Terbium	159-1	3907092	3846975	3912510	3888859	0.94	cps
Terbium	159-2	1218668	1220657	1222391	1220572	0.15	cps
Thallium	203-1	3101	3117	3384	3201	4.97	cps
Thallium	205-1	7319	7252	7611	7394	2.58	cps
Tin	118-1	48414	49920	48054	48796	2.03	cps
Titanium	47-1	483434	497700	489136	490090	1.47	cps
Uranium	238-1	18990	18832	18840	18887	0.47	cps
Vanadium	51-2	37223	37276	37079	37193	0.27	cps
Yttrium	89-1	4465870	4435505	4490136	4463837	0.61	cps
Yttrium	89-2	221651	223661	223163	222825	0.47	cps
Zinc	66-2	157751	156309	156343	156801	0.52	cps
Zirconium	90-1	65920	65920	80429	70756	11.84	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:48:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	15543	15623	15845	15670	1.00	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:52:02	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127075	127840	128129	127681	0.43	cps
Antimony	121-1	23839	22436	22428	22901	3.55	cps
Arsenic	75-2	4203	4208	4097	4169	1.50	cps
Barium	135-1	441458	437072	442913	440481	0.69	cps
Barium	137-1	770618	767236	788544	775466	1.48	cps
Beryllium	9-1	1028	1278	1083	1130	11.62	cps
Bismuth	209-1	1880092	2030531	2013560	1974727	4.17	cps
Bismuth	209-2	903062	899818	898600	900493	0.26	cps
Boron	10-1	4809	4851	4451	4704	4.68	cps
Boron	11-1	21133	20841	21442	21139	1.42	cps
Cadmium	111-1	4527	4564	4917	4670	4.60	cps
Cadmium	106-1	1375	1250	1617	1414	13.18	cps
Cadmium	108-1	367	296	350	338	10.97	cps
Calcium	43-1	2690259	2695601	2661679	2682513	0.68	cps
Calcium	44-1	43232009	42492710	42671469	42798729	0.90	cps
Chromium	52-2	48834	47989	47982	48268	1.02	cps
Cobalt	59-2	32852	32100	32254	32402	1.23	cps
Copper	63-2	426387	427397	427652	427145	0.16	cps
Dysprosium	156-1	28348	28558	27797	28234	1.39	cps
Dysprosium	156-2	10137	9727	9994	9953	2.09	cps
Erbium	164-1	23522	23739	23915	23725	0.83	cps
Erbium	164-2	7359	7265	7586	7403	2.22	cps
Gadolinium	160-1	26904	25776	26845	26508	2.39	cps
Gadolinium	160-2	11906	11866	11840	11871	0.28	cps
Holmium	165-1	3394142	3696019	3718020	3602727	5.02	cps
Holmium	165-2	1240328	1238229	1236532	1238363	0.15	cps
Indium	115-1	3286531	3537437	3558201	3460723	4.37	cps
Indium	115-2	251655	251232	252820	251902	0.33	cps
Iron	56-2	26383649	26301795	26271070	26318838	0.22	cps
Iron	57-2	659251	659191	660953	659798	0.15	cps
Lead	206-1	792837	778751	785908	785832	0.90	cps
Lead	207-1	672243	669966	670231	670814	0.19	cps
Lead	208-1	3121042	3089696	3097878	3102872	0.52	cps
Lithium	6-1	301608	316606	320060	312758	3.14	cps
Magnesium	24-2	1333048	1316693	1331136	1326959	0.67	cps
Manganese	55-2	266442	267203	269061	267568	0.50	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:52:02	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	36977	31045	31874	33299	9.65	cps
Molybdenum	95-1	12515	12631	12298	12481	1.36	cps
Molybdenum	96-1	17654	17946	17362	17654	1.65	cps
Molybdenum	97-1	8111	7544	8411	8022	5.49	cps
Molybdenum	98-1	19941	20299	19890	20043	1.11	cps
Neodymium	150-1	48136	47440	47862	47812	0.73	cps
Neodymium	150-2	10531	10685	10104	10440	2.88	cps
Nickel	60-2	25791	26058	26178	26009	0.76	cps
Phosphorus	31-2	1950	2167	2267	2128	7.61	cps
Potassium	39-2	188048	185869	188271	187396	0.71	cps
Rhodium	103-1	3275608	3487921	3519205	3427578	3.87	cps
Rhodium	103-2	1348593	1334738	1360419	1347917	0.95	cps
Scandium	45-1	2506107	2677842	2729302	2637750	4.43	cps
Scandium	45-2	31866	32755	32514	32379	1.42	cps
Selenium	77-2	33	50	50	44	21.66	cps
Selenium	78-2	20	37	30	29	28.79	cps
Selenium	82-1	15	-2	94	36	142.94	cps
Silicon	28-1	10470083	8475698	7169668	8705150	19.09	cps
Silver	109-1	5493	5535	5526	5518	0.40	cps
Silver	107-1	6352	5693	5902	5982	5.63	cps
Sodium	23-2	87209	87853	89212	88091	1.16	cps
Strontium	86-1	679486	664040	671725	671750	1.15	cps
Strontium	88-1	5782380	5755550	5763206	5767046	0.24	cps
Sulfur	34-1	340852	334753	337462	337689	0.90	cps
Terbium	159-1	3622424	3915329	3899776	3812510	4.32	cps
Terbium	159-2	1231644	1223199	1224074	1226305	0.38	cps
Thallium	203-1	3476	3592	2809	3292	12.84	cps
Thallium	205-1	7803	7311	7819	7644	3.78	cps
Tin	118-1	50062	49518	48179	49253	1.97	cps
Titanium	47-1	495005	473873	476764	481881	2.38	cps
Uranium	238-1	19474	18757	18832	19021	2.07	cps
Vanadium	51-2	37203	37417	37865	37495	0.90	cps
Yttrium	89-1	4163538	4452149	4486053	4367247	4.06	cps
Yttrium	89-2	221744	223125	223399	222756	0.40	cps
Zinc	66-2	157190	158264	159987	158480	0.89	cps
Zirconium	90-1	72577	71996	72373	72315	0.41	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:52:02	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	14959	14951	14250	14720	2.77	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-07 13:55:11	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24597	25766	28126	26163	6.87	cps
Antimony	121-1	4501	4501	4226	4409	3.60	cps
Arsenic	75-2	837	733	859	810	8.30	cps
Barium	135-1	85341	86684	85367	85797	0.89	cps
Barium	137-1	148123	149503	147894	148507	0.59	cps
Beryllium	9-1	306	244	278	276	11.09	cps
Bismuth	209-1	1990591	2053628	1980347	2008189	1.98	cps
Bismuth	209-2	907295	917752	918340	914462	0.68	cps
Boron	10-1	1458	1367	1133	1320	12.70	cps
Boron	11-1	6343	6327	6577	6416	2.18	cps
Cadmium	111-1	1382	1372	1342	1365	1.52	cps
Cadmium	106-1	942	967	767	892	12.22	cps
Cadmium	108-1	75	67	58	67	12.49	cps
Calcium	43-1	525925	524588	524541	525018	0.15	cps
Calcium	44-1	8477332	8396775	8436489	8436865	0.48	cps
Chromium	52-2	10211	10377	10564	10384	1.70	cps
Cobalt	59-2	6395	6452	6522	6456	0.98	cps
Copper	63-2	85863	85451	86823	86046	0.82	cps
Dysprosium	156-1	5443	5393	4984	5274	4.77	cps
Dysprosium	156-2	1947	1987	1947	1960	1.18	cps
Erbium	164-1	4109	4351	4626	4362	5.93	cps
Erbium	164-2	1517	1460	1470	1482	2.04	cps
Gadolinium	160-1	5493	4834	5526	5285	7.38	cps
Gadolinium	160-2	2357	2180	2240	2259	3.98	cps
Holmium	165-1	3591745	3639928	3576051	3602575	0.92	cps
Holmium	165-2	1236211	1239961	1232571	1236248	0.30	cps
Indium	115-1	3506396	3543270	3498775	3516147	0.68	cps
Indium	115-2	256957	260066	258838	258620	0.61	cps
Iron	56-2	5253266	5288551	5293798	5278538	0.42	cps
Iron	57-2	130651	130651	131369	130890	0.32	cps
Lead	206-1	152151	153606	152848	152869	0.48	cps
Lead	207-1	129994	131558	131816	131123	0.75	cps
Lead	208-1	598382	606560	603069	602670	0.68	cps
Lithium	6-1	313993	318822	312736	315184	1.02	cps
Magnesium	24-2	263414	265271	260977	263221	0.82	cps
Manganese	55-2	53014	53954	53797	53588	0.94	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-07 13:55:11	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6513	6043	6261	6273	3.75	cps
Molybdenum	95-1	2384	2567	2350	2434	4.79	cps
Molybdenum	96-1	3434	3417	3459	3437	0.61	cps
Molybdenum	97-1	1750	1700	1634	1695	3.45	cps
Molybdenum	98-1	3992	3951	3567	3837	6.11	cps
Neodymium	150-1	9540	8990	9157	9229	3.05	cps
Neodymium	150-2	2220	2180	2074	2158	3.51	cps
Nickel	60-2	5331	4891	5234	5152	4.49	cps
Phosphorus	31-2	375	492	433	433	13.46	cps
Potassium	39-2	40551	44775	42998	42775	4.96	cps
Rhodium	103-1	3500819	3516776	3503702	3507099	0.24	cps
Rhodium	103-2	1361484	1370646	1367268	1366466	0.34	cps
Scandium	45-1	2665175	2644621	2653564	2654453	0.39	cps
Scandium	45-2	32521	32889	32471	32627	0.70	cps
Selenium	77-2	13	13	10	12	15.73	cps
Selenium	78-2	6	9	4	6	45.85	cps
Selenium	82-1	-119	4	-13	-43	-155.62	cps
Silicon	28-1	1470835	1307854	1655622	1478104	11.77	cps
Silver	109-1	1133	1333	1125	1197	9.85	cps
Silver	107-1	1242	1392	1242	1292	6.71	cps
Sodium	23-2	26325	26209	25348	25961	2.06	cps
Strontium	86-1	133884	131740	132184	132603	0.85	cps
Strontium	88-1	1112036	1109901	1121588	1114508	0.56	cps
Sulfur	34-1	329306	328064	323449	326940	0.94	cps
Terbium	159-1	3758912	3799143	3810605	3789553	0.72	cps
Terbium	159-2	1227842	1239935	1219498	1229092	0.84	cps
Thallium	203-1	667	758	633	686	9.43	cps
Thallium	205-1	1700	1342	1458	1500	12.19	cps
Tin	118-1	9562	9921	10004	9829	2.39	cps
Titanium	47-1	94062	93252	94644	93986	0.74	cps
Uranium	238-1	3709	3301	3642	3551	6.17	cps
Vanadium	51-2	7539	7255	7392	7395	1.92	cps
Yttrium	89-1	3993992	4070316	4020323	4028210	0.96	cps
Yttrium	89-2	204358	207267	207302	206309	0.82	cps
Zinc	66-2	31763	32091	31596	31817	0.79	cps
Zirconium	90-1	13149	12056	12857	12687	4.46	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-07 13:55:11	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2759	3092	2675	2842	7.76	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:58:23	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130025	130303	129032	129787	0.51	cps
Antimony	121-1	162217	161727	159535	161160	0.89	cps
Arsenic	75-2	5192	5245	5359	5265	1.62	cps
Barium	135-1	1012547	1003827	987968	1001447	1.24	cps
Barium	137-1	1793503	1798493	1760395	1784131	1.16	cps
Beryllium	9-1	9314	9626	9565	9502	1.74	cps
Bismuth	209-1	2076801	2083650	2043130	2067860	1.05	cps
Bismuth	209-2	921093	877765	905031	901296	2.43	cps
Boron	10-1	4376	4201	4751	4443	6.33	cps
Boron	11-1	20624	21041	20808	20824	1.01	cps
Cadmium	111-1	20115	20617	20529	20420	1.31	cps
Cadmium	106-1	2442	2667	2900	2670	8.59	cps
Cadmium	108-1	1346	1258	1392	1332	5.09	cps
Calcium	43-1	2764044	2737519	2680603	2727389	1.56	cps
Calcium	44-1	43668700	43599019	43398209	43555309	0.32	cps
Chromium	52-2	96157	97077	97064	96766	0.54	cps
Cobalt	59-2	278341	279467	278097	278635	0.26	cps
Copper	63-2	542124	541476	539744	541115	0.23	cps
Dysprosium	156-1	28766	27764	28582	28371	1.88	cps
Dysprosium	156-2	9877	10235	9961	10024	1.87	cps
Erbium	164-1	24156	24449	23973	24193	0.99	cps
Erbium	164-2	7692	7782	7529	7668	1.68	cps
Gadolinium	160-1	26812	26428	26753	26664	0.78	cps
Gadolinium	160-2	12126	12066	12229	12140	0.68	cps
Holmium	165-1	3750264	3746816	3693472	3730184	0.85	cps
Holmium	165-2	1234397	1189665	1256159	1226740	2.76	cps
Indium	115-1	3538705	3600485	3528065	3555751	1.10	cps
Indium	115-2	253188	241485	255003	249892	2.94	cps
Iron	56-2	26793604	27056446	26468616	26772889	1.10	cps
Iron	57-2	671655	671495	665571	669574	0.52	cps
Lead	206-1	828214	814286	823330	821944	0.86	cps
Lead	207-1	709586	697318	700428	702444	0.91	cps
Lead	208-1	3324936	3263683	3255489	3281369	1.16	cps
Lithium	6-1	329961	325178	324390	326509	0.92	cps
Magnesium	24-2	1339183	1354497	1353514	1349065	0.64	cps
Manganese	55-2	304843	305878	302653	304458	0.54	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:58:23	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	32083	30101	34964	32383	7.55	cps
Molybdenum	95-1	12640	13107	12256	12668	3.36	cps
Molybdenum	96-1	17036	17495	21104	18545	12.01	cps
Molybdenum	97-1	7969	8595	7961	8175	4.45	cps
Molybdenum	98-1	20775	20274	19915	20322	2.13	cps
Neodymium	150-1	50256	49307	47787	49117	2.54	cps
Neodymium	150-2	10948	10628	10661	10746	1.64	cps
Nickel	60-2	97894	100503	98790	99062	1.34	cps
Phosphorus	31-2	2175	2042	2092	2103	3.20	cps
Potassium	39-2	187299	187044	189173	187839	0.62	cps
Rhodium	103-1	3539741	3476108	3510420	3508756	0.91	cps
Rhodium	103-2	1342839	1290995	1341016	1324950	2.22	cps
Scandium	45-1	2719616	2706114	2659002	2694911	1.18	cps
Scandium	45-2	32074	31586	31880	31846	0.77	cps
Selenium	77-2	63	107	53	74	38.09	cps
Selenium	78-2	109	106	109	108	1.98	cps
Selenium	82-1	2140	2264	2226	2210	2.86	cps
Silicon	28-1	10067894	5922728	7590252	7860292	26.54	cps
Silver	109-1	74524	74072	74315	74303	0.30	cps
Silver	107-1	78312	78856	78076	78415	0.51	cps
Sodium	23-2	87521	87443	87228	87398	0.17	cps
Strontium	86-1	674722	682741	677351	678271	0.60	cps
Strontium	88-1	5797653	6021524	5849699	5889625	1.99	cps
Sulfur	34-1	341125	341683	336575	339794	0.82	cps
Terbium	159-1	3967088	3875098	3923588	3921924	1.17	cps
Terbium	159-2	1239001	1177629	1234523	1217051	2.81	cps
Thallium	203-1	44002	44044	43057	43701	1.28	cps
Thallium	205-1	103713	102520	104093	103442	0.79	cps
Tin	118-1	50530	49844	49927	50100	0.75	cps
Titanium	47-1	501768	497161	482247	493726	2.07	cps
Uranium	238-1	19558	19191	19558	19435	1.09	cps
Vanadium	51-2	125613	124447	124282	124781	0.58	cps
Yttrium	89-1	4481433	4489571	4481726	4484243	0.10	cps
Yttrium	89-2	220818	213826	220120	218255	1.76	cps
Zinc	66-2	179210	179384	180146	179580	0.28	cps
Zirconium	90-1	67698	69885	65093	67559	3.55	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 13:58:23	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	16932	14400	14976	15436	8.60	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:01:31	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5593	5568	5710	5624	1.34	cps
Antimony	121-1	683	658	733	692	5.52	cps
Arsenic	75-2	148	111	128	129	14.38	cps
Barium	135-1	19307	18914	19381	19201	1.31	cps
Barium	137-1	32900	31998	33469	32789	2.26	cps
Beryllium	9-1	94	50	111	85	37.08	cps
Bismuth	209-1	2042393	2014612	2029298	2028768	0.69	cps
Bismuth	209-2	921997	918303	914569	918290	0.40	cps
Boron	10-1	975	1167	925	1022	12.48	cps
Boron	11-1	4793	4534	5001	4776	4.90	cps
Cadmium	111-1	681	625	770	692	10.54	cps
Cadmium	106-1	867	767	942	858	10.23	cps
Cadmium	108-1	25	17	21	21	19.99	cps
Calcium	43-1	184479	181410	180740	182210	1.09	cps
Calcium	44-1	3020452	2994029	3004853	3006445	0.44	cps
Chromium	52-2	2837	2767	2644	2749	3.56	cps
Cobalt	59-2	1197	1133	1137	1156	3.08	cps
Copper	63-2	9257	9493	9530	9427	1.57	cps
Dysprosium	156-1	1125	1250	1150	1175	5.63	cps
Dysprosium	156-2	423	430	447	433	2.77	cps
Erbium	164-1	1067	975	900	981	8.51	cps
Erbium	164-2	310	283	323	306	6.67	cps
Gadolinium	160-1	1325	1133	900	1120	19.01	cps
Gadolinium	160-2	480	557	440	492	12.04	cps
Holmium	165-1	3617661	3661228	3666622	3648504	0.74	cps
Holmium	165-2	1246231	1241881	1234441	1240851	0.48	cps
Indium	115-1	3570262	3561507	3623055	3584942	0.93	cps
Indium	115-2	256037	256263	259681	257327	0.79	cps
Iron	56-2	912329	907506	907651	909162	0.30	cps
Iron	57-2	23108	23047	23097	23084	0.14	cps
Lead	206-1	13858	13691	14114	13888	1.53	cps
Lead	207-1	11834	12301	11494	11876	3.41	cps
Lead	208-1	55288	55048	54915	55084	0.34	cps
Lithium	6-1	318069	321987	321301	320452	0.65	cps
Magnesium	24-2	87729	88274	88275	88093	0.36	cps
Manganese	55-2	14518	14631	14234	14461	1.41	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:01:31	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1967	1992	1684	1881	9.11	cps
Molybdenum	95-1	467	475	433	458	4.81	cps
Molybdenum	96-1	817	800	658	758	11.47	cps
Molybdenum	97-1	475	458	508	481	5.30	cps
Molybdenum	98-1	725	750	675	717	5.33	cps
Neodymium	150-1	1787	1854	1820	1820	1.83	cps
Neodymium	150-2	440	447	453	447	1.49	cps
Nickel	60-2	910	910	907	909	0.21	cps
Phosphorus	31-2	100	150	125	125	20.00	cps
Potassium	39-2	16894	17286	17153	17111	1.16	cps
Rhodium	103-1	3544154	3511619	3575014	3543596	0.89	cps
Rhodium	103-2	1377854	1370144	1369684	1372561	0.33	cps
Scandium	45-1	2699721	2636785	2680198	2672235	1.21	cps
Scandium	45-2	32692	32374	32635	32567	0.52	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	72	-79	-92	-33	-273.62	cps
Silicon	28-1	553411	650545	600714	601557	8.07	cps
Silver	109-1	367	267	250	294	21.43	cps
Silver	107-1	292	208	350	283	25.13	cps
Sodium	23-2	62554	63702	62505	62920	1.08	cps
Strontium	86-1	58685	58493	58426	58535	0.23	cps
Strontium	88-1	478412	477410	483504	479775	0.68	cps
Sulfur	34-1	329765	328896	328488	329050	0.20	cps
Terbium	159-1	3802236	3797575	3861475	3820429	0.93	cps
Terbium	159-2	1222243	1228705	1239476	1230141	0.71	cps
Thallium	203-1	200	192	192	194	2.47	cps
Thallium	205-1	367	508	525	467	18.64	cps
Tin	118-1	1300	1242	1050	1197	10.93	cps
Titanium	47-1	19665	18905	19389	19320	1.99	cps
Uranium	238-1	825	642	817	761	13.60	cps
Vanadium	51-2	1567	1393	1397	1452	6.83	cps
Yttrium	89-1	3954251	3947634	3945266	3949051	0.12	cps
Yttrium	89-2	201879	201670	202289	201946	0.16	cps
Zinc	66-2	2350	2240	2324	2305	2.49	cps
Zirconium	90-1	4334	4301	4543	4393	2.98	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB6	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:01:31	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1083	917	1033	1011	8.46	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:04:42	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6143	6885	6635	6555	5.76	cps
Antimony	121-1	450	533	483	489	8.58	cps
Arsenic	75-2	219	196	193	202	6.92	cps
Barium	135-1	20917	20558	20266	20581	1.58	cps
Barium	137-1	36075	36652	35925	36217	1.06	cps
Beryllium	9-1	122	83	94	100	20.03	cps
Bismuth	209-1	2010034	2039174	2043496	2030901	0.90	cps
Bismuth	209-2	917511	941047	915914	924824	1.52	cps
Boron	10-1	533	492	550	525	5.72	cps
Boron	11-1	2500	2484	2442	2475	1.21	cps
Cadmium	111-1	714	723	708	715	1.06	cps
Cadmium	106-1	883	917	942	914	3.20	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Calcium	43-1	189343	185164	185957	186821	1.19	cps
Calcium	44-1	3058270	3072278	3025202	3051917	0.79	cps
Chromium	52-2	2974	3274	2970	3073	5.67	cps
Cobalt	59-2	1717	1750	1820	1762	2.99	cps
Copper	63-2	7902	8206	7612	7907	3.75	cps
Dysprosium	156-1	1667	1500	1784	1650	8.63	cps
Dysprosium	156-2	610	470	567	549	13.06	cps
Erbium	164-1	1442	1350	1183	1325	9.88	cps
Erbium	164-2	443	407	413	421	4.64	cps
Gadolinium	160-1	1417	1559	1408	1461	5.77	cps
Gadolinium	160-2	657	627	683	656	4.33	cps
Holmium	165-1	3605938	3587863	3656968	3616923	0.99	cps
Holmium	165-2	1239161	1253019	1228349	1240176	1.00	cps
Indium	115-1	3489208	3568009	3579803	3545673	1.39	cps
Indium	115-2	259543	260635	261267	260481	0.33	cps
Iron	56-2	1210828	1215023	1213163	1213005	0.17	cps
Iron	57-2	30489	30412	30100	30334	0.68	cps
Lead	206-1	9359	9626	9765	9584	2.15	cps
Lead	207-1	7964	7875	8203	8014	2.12	cps
Lead	208-1	36455	37412	38174	37347	2.31	cps
Lithium	6-1	320390	329006	329043	326146	1.53	cps
Magnesium	24-2	55844	56011	53920	55258	2.10	cps
Manganese	55-2	13890	13440	13890	13740	1.89	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:04:42	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6448	2809	2559	3939	55.27	cps
Molybdenum	95-1	825	650	800	758	12.48	cps
Molybdenum	96-1	1058	1050	1242	1117	9.70	cps
Molybdenum	97-1	525	800	708	678	20.66	cps
Molybdenum	98-1	1000	950	1092	1014	7.09	cps
Neodymium	150-1	2714	2367	2560	2547	6.82	cps
Neodymium	150-2	583	620	490	564	11.88	cps
Nickel	60-2	1223	1167	1203	1198	2.40	cps
Phosphorus	31-2	117	125	100	114	11.18	cps
Potassium	39-2	12189	12373	12239	12267	0.77	cps
Rhodium	103-1	3505604	3540650	3539772	3528675	0.57	cps
Rhodium	103-2	1381394	1382760	1371490	1378548	0.45	cps
Scandium	45-1	2681143	2709770	2673949	2688287	0.70	cps
Scandium	45-2	32815	32748	32554	32706	0.41	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	7	4	7	6	34.70	cps
Selenium	82-1	-251	-134	28	-119	-117.51	cps
Silicon	28-1	807154	714912	788181	770083	6.33	cps
Silver	109-1	242	158	175	192	23.01	cps
Silver	107-1	217	275	200	231	17.08	cps
Sodium	23-2	18121	18680	17253	18018	3.99	cps
Strontium	86-1	40495	40887	40720	40701	0.48	cps
Strontium	88-1	336679	333453	335546	335226	0.49	cps
Sulfur	34-1	329945	329663	328725	329444	0.19	cps
Terbium	159-1	3777360	3846690	3856276	3826776	1.13	cps
Terbium	159-2	1237489	1243115	1231001	1237201	0.49	cps
Thallium	203-1	342	292	308	314	8.11	cps
Thallium	205-1	642	708	550	633	12.55	cps
Tin	118-1	950	1125	1008	1028	8.67	cps
Titanium	47-1	20366	19331	19990	19896	2.63	cps
Uranium	238-1	1634	1417	1609	1553	7.63	cps
Vanadium	51-2	2384	2157	2217	2252	5.21	cps
Yttrium	89-1	4029289	4013531	3938406	3993742	1.22	cps
Yttrium	89-2	205884	204560	204368	204937	0.40	cps
Zinc	66-2	1497	1460	1430	1462	2.28	cps
Zirconium	90-1	6135	6327	6310	6257	1.70	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB7	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:04:42	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1383	1542	1400	1442	6.04	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:07:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6543	6552	6869	6655	2.79	cps
Antimony	121-1	508	508	483	500	2.89	cps
Arsenic	75-2	243	235	222	233	4.42	cps
Barium	135-1	19999	18547	18906	19151	3.95	cps
Barium	137-1	33335	33368	33302	33335	0.10	cps
Beryllium	9-1	128	128	78	111	25.98	cps
Bismuth	209-1	2011371	2037913	2008866	2019383	0.80	cps
Bismuth	209-2	933475	919100	928332	926969	0.79	cps
Boron	10-1	508	558	525	531	4.80	cps
Boron	11-1	2309	2225	2525	2353	6.58	cps
Cadmium	111-1	653	731	831	738	12.08	cps
Cadmium	106-1	817	908	1067	931	13.59	cps
Cadmium	108-1	21	25	17	21	19.99	cps
Calcium	43-1	169257	170238	171302	170266	0.60	cps
Calcium	44-1	2809417	2775338	2800329	2795028	0.63	cps
Chromium	52-2	4311	4454	4101	4289	4.15	cps
Cobalt	59-2	1844	1820	1947	1870	3.60	cps
Copper	63-2	92200	89093	90271	90521	1.73	cps
Dysprosium	156-1	1417	1425	1600	1481	6.99	cps
Dysprosium	156-2	510	490	563	521	7.27	cps
Erbium	164-1	1342	1442	1383	1389	3.62	cps
Erbium	164-2	457	417	417	430	5.37	cps
Gadolinium	160-1	1292	1417	1775	1495	16.79	cps
Gadolinium	160-2	650	617	617	628	3.07	cps
Holmium	165-1	3667334	3600221	3563794	3610450	1.45	cps
Holmium	165-2	1255661	1240776	1249124	1248520	0.60	cps
Indium	115-1	3543522	3568261	3549886	3553890	0.36	cps
Indium	115-2	264313	260389	260216	261640	0.89	cps
Iron	56-2	1134040	1135359	1130340	1133246	0.23	cps
Iron	57-2	28530	28368	28441	28446	0.28	cps
Lead	206-1	16750	17162	16278	16730	2.65	cps
Lead	207-1	13736	13752	13663	13717	0.34	cps
Lead	208-1	64967	65579	63636	64727	1.53	cps
Lithium	6-1	328674	331742	331806	330741	0.54	cps
Magnesium	24-2	54070	51569	53661	53100	2.53	cps
Manganese	55-2	12226	13123	12122	12490	4.41	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:07:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2675	3203	3026	2968	9.04	cps
Molybdenum	95-1	2259	2167	2259	2228	2.38	cps
Molybdenum	96-1	2500	2717	2975	2731	8.71	cps
Molybdenum	97-1	1700	1634	1617	1650	2.67	cps
Molybdenum	98-1	3359	3759	3867	3662	7.31	cps
Neodymium	150-1	2480	2654	2720	2618	4.73	cps
Neodymium	150-2	510	733	483	576	23.85	cps
Nickel	60-2	1300	1477	1357	1378	6.55	cps
Phosphorus	31-2	142	108	125	125	13.33	cps
Potassium	39-2	13390	13591	13066	13349	1.98	cps
Rhodium	103-1	3534418	3574456	3533891	3547588	0.66	cps
Rhodium	103-2	1393177	1382177	1369421	1381592	0.86	cps
Scandium	45-1	2666948	2654839	2692273	2671353	0.72	cps
Scandium	45-2	33346	33062	32955	33121	0.61	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	6	11	8	35.21	cps
Selenium	82-1	-47	-57	-96	-66	-38.95	cps
Silicon	28-1	704617	579634	688996	657749	10.35	cps
Silver	109-1	450	383	442	425	8.55	cps
Silver	107-1	500	483	350	444	18.50	cps
Sodium	23-2	12681	11664	11947	12097	4.34	cps
Strontium	86-1	27395	27237	28230	27621	1.93	cps
Strontium	88-1	213826	212409	215441	213892	0.71	cps
Sulfur	34-1	335418	334594	334951	334988	0.12	cps
Terbium	159-1	3843696	3813457	3864733	3840628	0.67	cps
Terbium	159-2	1250424	1235540	1229980	1238648	0.85	cps
Thallium	203-1	200	208	192	200	4.17	cps
Thallium	205-1	608	600	592	600	1.39	cps
Tin	118-1	1225	1308	1358	1297	5.19	cps
Titanium	47-1	25975	25575	27086	26212	2.99	cps
Uranium	238-1	1925	1900	2025	1950	3.39	cps
Vanadium	51-2	2287	2627	2580	2498	7.38	cps
Yttrium	89-1	3999849	3986196	4019446	4001830	0.42	cps
Yttrium	89-2	208932	204450	205153	206178	1.17	cps
Zinc	66-2	1863	1957	1870	1897	2.75	cps
Zirconium	90-1	4126	3676	3726	3842	6.42	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB8	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:07:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	867	925	983	925	6.31	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:11:06	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6027	6452	6510	6329	4.17	cps
Antimony	121-1	1125	1258	1200	1195	5.60	cps
Arsenic	75-2	185	202	172	186	7.97	cps
Barium	135-1	21101	20792	21535	21143	1.77	cps
Barium	137-1	36986	37580	36543	37036	1.40	cps
Beryllium	9-1	72	83	72	76	8.46	cps
Bismuth	209-1	2011549	1998773	2009357	2006560	0.34	cps
Bismuth	209-2	908553	925715	919954	918074	0.95	cps
Boron	10-1	633	567	533	578	8.81	cps
Boron	11-1	2275	2625	2259	2386	8.68	cps
Cadmium	111-1	764	835	822	807	4.69	cps
Cadmium	106-1	917	908	833	886	5.18	cps
Cadmium	108-1	46	25	17	29	51.50	cps
Calcium	43-1	127904	127140	129711	128251	1.03	cps
Calcium	44-1	2128084	2115012	2123250	2122115	0.31	cps
Chromium	52-2	3337	3250	3367	3318	1.83	cps
Cobalt	59-2	2350	2220	2387	2319	3.78	cps
Copper	63-2	21764	21590	21524	21626	0.57	cps
Dysprosium	156-1	1400	1325	1267	1331	5.02	cps
Dysprosium	156-2	443	497	497	479	6.43	cps
Erbium	164-1	967	1025	1117	1036	7.30	cps
Erbium	164-2	303	360	393	352	12.92	cps
Gadolinium	160-1	1158	1325	1100	1195	9.78	cps
Gadolinium	160-2	510	497	497	501	1.54	cps
Holmium	165-1	3559657	3587596	3597807	3581687	0.55	cps
Holmium	165-2	1225180	1250089	1232769	1236013	1.03	cps
Indium	115-1	3555297	3546850	3565359	3555835	0.26	cps
Indium	115-2	260275	262652	258287	260405	0.84	cps
Iron	56-2	1339383	1369795	1350696	1353291	1.14	cps
Iron	57-2	33858	34309	33708	33958	0.92	cps
Lead	206-1	33189	33790	33712	33564	0.97	cps
Lead	207-1	27959	28655	28288	28301	1.23	cps
Lead	208-1	130437	132656	132780	131957	1.00	cps
Lithium	6-1	326148	329621	321113	325628	1.31	cps
Magnesium	24-2	58480	59467	59149	59032	0.85	cps
Manganese	55-2	14087	13970	13757	13938	1.20	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:11:06	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1492	1508	1258	1420	9.85	cps
Molybdenum	95-1	650	683	650	661	2.91	cps
Molybdenum	96-1	942	942	1017	967	4.48	cps
Molybdenum	97-1	533	625	567	575	8.07	cps
Molybdenum	98-1	1125	1192	1125	1147	3.36	cps
Neodymium	150-1	2327	2254	2100	2227	5.19	cps
Neodymium	150-2	493	470	547	503	7.81	cps
Nickel	60-2	1497	1443	1407	1449	3.12	cps
Phosphorus	31-2	100	92	83	92	9.09	cps
Potassium	39-2	13415	13674	13282	13457	1.48	cps
Rhodium	103-1	3523463	3548505	3541063	3537677	0.36	cps
Rhodium	103-2	1373971	1370235	1381682	1375296	0.42	cps
Scandium	45-1	2658411	2640931	2651470	2650270	0.33	cps
Scandium	45-2	32544	31943	32524	32337	1.06	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	-78	-169	-85	-111	-45.68	cps
Silicon	28-1	634017	611797	540339	595384	8.22	cps
Silver	109-1	308	258	383	317	19.87	cps
Silver	107-1	433	417	417	422	2.28	cps
Sodium	23-2	12131	12706	12473	12437	2.33	cps
Strontium	86-1	34595	34194	33851	34213	1.09	cps
Strontium	88-1	273379	270099	274112	272530	0.78	cps
Sulfur	34-1	333355	330975	336342	333558	0.81	cps
Terbium	159-1	3832311	3784018	3841612	3819313	0.81	cps
Terbium	159-2	1228619	1229155	1238884	1232219	0.47	cps
Thallium	203-1	192	225	167	194	15.05	cps
Thallium	205-1	575	500	517	531	7.42	cps
Tin	118-1	2309	2375	2184	2289	4.25	cps
Titanium	47-1	24868	25499	41857	30741	31.33	cps
Uranium	238-1	767	767	1017	850	16.98	cps
Vanadium	51-2	2184	1954	2120	2086	5.70	cps
Yttrium	89-1	3981362	3961131	4040427	3994307	1.03	cps
Yttrium	89-2	203016	202119	203994	203043	0.46	cps
Zinc	66-2	6405	6305	6141	6284	2.12	cps
Zirconium	90-1	3009	3084	3467	3187	7.72	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AB9	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:11:06	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	700	633	678	5.68	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:14:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2650	2725	2700	2692	1.42	cps
Antimony	121-1	2942	3100	2909	2984	3.43	cps
Arsenic	75-2	696	683	724	701	2.97	cps
Barium	135-1	13649	14250	14425	14108	2.88	cps
Barium	137-1	24240	24023	24783	24348	1.61	cps
Beryllium	9-1	44	39	39	41	7.88	cps
Bismuth	209-1	1982118	2014977	2022048	2006381	1.06	cps
Bismuth	209-2	919113	924865	921805	921928	0.31	cps
Boron	10-1	383	508	475	456	14.21	cps
Boron	11-1	2150	1942	2050	2047	5.09	cps
Cadmium	111-1	645	822	823	764	13.39	cps
Cadmium	106-1	750	1083	1050	961	19.10	cps
Cadmium	108-1	13	46	29	29	57.14	cps
Calcium	43-1	103765	104975	106183	104974	1.15	cps
Calcium	44-1	1724487	1755440	1764872	1748266	1.21	cps
Chromium	52-2	3871	3724	3827	3807	1.98	cps
Cobalt	59-2	947	910	1007	954	5.11	cps
Copper	63-2	13293	12739	13453	13162	2.85	cps
Dysprosium	156-1	725	567	767	686	15.38	cps
Dysprosium	156-2	217	300	200	239	22.43	cps
Erbium	164-1	633	617	658	636	3.30	cps
Erbium	164-2	210	220	203	211	3.97	cps
Gadolinium	160-1	575	767	700	681	14.30	cps
Gadolinium	160-2	280	280	297	286	3.37	cps
Holmium	165-1	3465237	3565974	3594359	3541857	1.92	cps
Holmium	165-2	1244647	1236481	1238235	1239788	0.35	cps
Indium	115-1	3538163	3596559	3531210	3555310	1.01	cps
Indium	115-2	260257	260547	260199	260334	0.07	cps
Iron	56-2	1656978	1682457	1666200	1668545	0.77	cps
Iron	57-2	41412	40515	40258	40728	1.49	cps
Lead	206-1	146615	149954	149166	148578	1.17	cps
Lead	207-1	123288	128169	125891	125783	1.94	cps
Lead	208-1	573688	585177	584782	581216	1.12	cps
Lithium	6-1	325088	329562	324239	326296	0.88	cps
Magnesium	24-2	47363	48400	47581	47781	1.14	cps
Manganese	55-2	19060	18706	18860	18875	0.94	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:14:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1692	1742	1675	1703	2.04	cps
Molybdenum	95-1	1300	1283	1425	1336	5.80	cps
Molybdenum	96-1	1675	1517	1592	1595	4.97	cps
Molybdenum	97-1	917	967	1008	964	4.76	cps
Molybdenum	98-1	2209	2367	2217	2264	3.94	cps
Neodymium	150-1	1060	1160	1093	1105	4.61	cps
Neodymium	150-2	270	240	250	253	6.03	cps
Nickel	60-2	1113	1197	1260	1190	6.18	cps
Phosphorus	31-2	75	133	92	100	30.05	cps
Potassium	39-2	7477	7427	7144	7349	2.45	cps
Rhodium	103-1	3490505	3595095	3588191	3557930	1.64	cps
Rhodium	103-2	1381956	1376220	1375394	1377857	0.26	cps
Scandium	45-1	2630798	2690525	2652973	2658098	1.14	cps
Scandium	45-2	33470	32792	32244	32835	1.87	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	0	0	11	4	173.21	cps
Selenium	82-1	51	35	-80	2	3233.17	cps
Silicon	28-1	747655	675787	658655	694032	6.80	cps
Silver	109-1	483	658	642	594	16.25	cps
Silver	107-1	625	750	450	608	24.77	cps
Sodium	23-2	15960	15901	15567	15809	1.34	cps
Strontium	86-1	27078	27980	27712	27590	1.68	cps
Strontium	88-1	217822	220179	220583	219528	0.68	cps
Sulfur	34-1	334379	332946	332026	333117	0.36	cps
Terbium	159-1	3713240	3824951	3740990	3759727	1.55	cps
Terbium	159-2	1228281	1230687	1225714	1228228	0.20	cps
Thallium	203-1	150	133	100	128	19.93	cps
Thallium	205-1	250	317	325	297	13.83	cps
Tin	118-1	1609	1742	2050	1800	12.59	cps
Titanium	47-1	13641	13057	12998	13232	2.68	cps
Uranium	238-1	1642	1809	1659	1703	5.39	cps
Vanadium	51-2	1703	1810	1647	1720	4.82	cps
Yttrium	89-1	3974365	3966657	3950061	3963694	0.31	cps
Yttrium	89-2	203055	202467	203147	202890	0.18	cps
Zinc	66-2	26506	26639	27013	26719	0.98	cps
Zirconium	90-1	2725	2809	2684	2739	2.32	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:14:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	742	692	517	650	18.18	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:17:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4293	4709	4626	4543	4.85	cps
Antimony	121-1	417	342	433	397	12.29	cps
Arsenic	75-2	196	198	159	185	11.89	cps
Barium	135-1	12273	12181	13057	12504	3.85	cps
Barium	137-1	21059	22412	22420	21964	3.57	cps
Beryllium	9-1	22	106	50	59	71.61	cps
Bismuth	209-1	1995977	2014586	1983910	1998158	0.77	cps
Bismuth	209-2	911378	915329	906689	911132	0.47	cps
Boron	10-1	517	458	517	497	6.77	cps
Boron	11-1	2467	2175	2392	2345	6.46	cps
Cadmium	111-1	632	678	688	666	4.45	cps
Cadmium	106-1	858	892	883	878	1.98	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	116706	118387	118514	117869	0.86	cps
Calcium	44-1	1969415	1967873	1956595	1964628	0.36	cps
Chromium	52-2	2320	2334	2514	2389	4.52	cps
Cobalt	59-2	1087	1090	1017	1065	3.89	cps
Copper	63-2	5775	6081	6298	6051	4.35	cps
Dysprosium	156-1	942	933	933	936	0.51	cps
Dysprosium	156-2	297	330	283	303	7.92	cps
Erbium	164-1	633	667	767	689	10.07	cps
Erbium	164-2	240	257	247	248	3.38	cps
Gadolinium	160-1	750	808	1042	867	17.81	cps
Gadolinium	160-2	390	433	393	406	5.95	cps
Holmium	165-1	3558912	3578432	3525677	3554340	0.75	cps
Holmium	165-2	1229659	1242539	1240279	1237492	0.56	cps
Indium	115-1	3468648	3571476	3525011	3521712	1.46	cps
Indium	115-2	260214	261271	261268	260918	0.23	cps
Iron	56-2	803557	802415	798102	801358	0.36	cps
Iron	57-2	20327	20287	19753	20122	1.59	cps
Lead	206-1	8214	8503	8448	8388	1.83	cps
Lead	207-1	7124	7708	7369	7401	3.96	cps
Lead	208-1	32795	34236	34169	33733	2.41	cps
Lithium	6-1	323895	328574	324454	325641	0.78	cps
Magnesium	24-2	50106	50024	50031	50053	0.09	cps
Manganese	55-2	13060	13096	13417	13191	1.49	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:17:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1242	1458	1217	1306	10.18	cps
Molybdenum	95-1	850	783	817	817	4.08	cps
Molybdenum	96-1	825	1033	967	942	11.30	cps
Molybdenum	97-1	608	625	633	622	2.05	cps
Molybdenum	98-1	1292	1192	1117	1200	7.32	cps
Neodymium	150-1	1453	1393	1427	1425	2.11	cps
Neodymium	150-2	287	273	297	286	4.10	cps
Nickel	60-2	743	837	780	787	5.98	cps
Phosphorus	31-2	117	50	75	81	41.81	cps
Potassium	39-2	12089	11672	11497	11753	2.59	cps
Rhodium	103-1	3502338	3530656	3544991	3525995	0.62	cps
Rhodium	103-2	1360439	1375103	1378867	1371470	0.71	cps
Scandium	45-1	2620183	2683221	2665513	2656305	1.22	cps
Scandium	45-2	32521	33086	32478	32695	1.04	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-2	15	-128	-38	-204.32	cps
Silicon	28-1	639623	781919	573579	665040	16.01	cps
Silver	109-1	275	167	183	208	28.00	cps
Silver	107-1	192	250	142	194	27.88	cps
Sodium	23-2	35612	36615	36197	36141	1.39	cps
Strontium	86-1	29541	29967	29900	29803	0.77	cps
Strontium	88-1	233374	233468	233672	233505	0.07	cps
Sulfur	34-1	338369	333978	337493	336614	0.69	cps
Terbium	159-1	3775364	3810605	3761873	3782614	0.67	cps
Terbium	159-2	1218639	1231078	1232822	1227513	0.63	cps
Thallium	203-1	83	158	225	156	45.56	cps
Thallium	205-1	508	483	358	450	17.86	cps
Tin	118-1	1050	1017	867	978	9.99	cps
Titanium	47-1	15701	15192	16110	15668	2.93	cps
Uranium	238-1	742	717	775	745	3.93	cps
Vanadium	51-2	1333	1407	1470	1403	4.87	cps
Yttrium	89-1	3945588	3936564	3980300	3954151	0.58	cps
Yttrium	89-2	202822	205104	202234	203386	0.75	cps
Zinc	66-2	1183	1353	1320	1286	7.01	cps
Zirconium	90-1	1850	2225	2342	2139	12.01	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC2	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:17:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	425	475	442	6.54	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:20:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3584	4034	3842	3820	5.91	cps
Antimony	121-1	533	617	642	597	9.50	cps
Arsenic	75-2	213	241	215	223	6.97	cps
Barium	135-1	26970	26068	27187	26742	2.22	cps
Barium	137-1	46926	47310	47419	47219	0.55	cps
Beryllium	9-1	61	89	39	63	39.79	cps
Bismuth	209-1	1975078	1982086	2032057	1996407	1.56	cps
Bismuth	209-2	900026	910491	920649	910389	1.13	cps
Boron	10-1	575	500	425	500	15.00	cps
Boron	11-1	2300	2159	2067	2175	5.41	cps
Cadmium	111-1	646	733	693	691	6.31	cps
Cadmium	106-1	725	883	850	820	10.19	cps
Cadmium	108-1	17	21	8	15	41.67	cps
Calcium	43-1	159394	157784	160391	159190	0.83	cps
Calcium	44-1	2633851	2618960	2643917	2632243	0.48	cps
Chromium	52-2	2827	2834	2807	2823	0.49	cps
Cobalt	59-2	1030	907	930	956	6.86	cps
Copper	63-2	10801	11128	11065	10998	1.58	cps
Dysprosium	156-1	725	808	825	786	6.82	cps
Dysprosium	156-2	300	273	230	268	13.19	cps
Erbium	164-1	650	650	617	639	3.01	cps
Erbium	164-2	187	200	187	191	4.03	cps
Gadolinium	160-1	642	750	617	670	10.59	cps
Gadolinium	160-2	310	333	357	333	7.00	cps
Holmium	165-1	3556364	3549758	3553328	3553150	0.09	cps
Holmium	165-2	1229921	1239128	1245052	1238033	0.62	cps
Indium	115-1	3514103	3465048	3526854	3502002	0.93	cps
Indium	115-2	258415	260920	262904	260746	0.86	cps
Iron	56-2	702720	696891	707600	702404	0.76	cps
Iron	57-2	17383	17912	18029	17775	1.93	cps
Lead	206-1	10688	10677	10977	10781	1.58	cps
Lead	207-1	8548	9131	8798	8826	3.32	cps
Lead	208-1	41166	41383	42101	41550	1.18	cps
Lithium	6-1	323186	325466	331163	326605	1.26	cps
Magnesium	24-2	60890	60220	59483	60198	1.17	cps
Manganese	55-2	8273	8516	8773	8521	2.94	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:20:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1483	1525	1375	1461	5.30	cps
Molybdenum	95-1	1433	1508	1383	1442	4.36	cps
Molybdenum	96-1	1800	1717	1558	1692	7.26	cps
Molybdenum	97-1	1058	992	1000	1017	3.57	cps
Molybdenum	98-1	2134	2284	2234	2217	3.45	cps
Neodymium	150-1	1133	1120	1207	1153	4.05	cps
Neodymium	150-2	270	237	280	262	8.65	cps
Nickel	60-2	800	810	787	799	1.47	cps
Phosphorus	31-2	75	125	75	92	31.50	cps
Potassium	39-2	9921	9645	9996	9854	1.87	cps
Rhodium	103-1	3467685	3508942	3541632	3506086	1.06	cps
Rhodium	103-2	1368719	1376797	1391160	1378892	0.82	cps
Scandium	45-1	2604020	2624481	2651833	2626778	0.91	cps
Scandium	45-2	33049	32521	32728	32766	0.81	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-245	-83	-77	-135	-70.62	cps
Silicon	28-1	603571	563759	688380	618570	10.29	cps
Silver	109-1	175	225	208	203	12.55	cps
Silver	107-1	167	192	283	214	28.72	cps
Sodium	23-2	19865	19848	19739	19817	0.34	cps
Strontium	86-1	37544	36508	37536	37196	1.60	cps
Strontium	88-1	303374	303709	299843	302308	0.71	cps
Sulfur	34-1	338967	340053	336073	338365	0.61	cps
Terbium	159-1	3745311	3721269	3871248	3779276	2.13	cps
Terbium	159-2	1228309	1230643	1239148	1232700	0.46	cps
Thallium	203-1	192	267	200	219	18.73	cps
Thallium	205-1	325	500	533	453	24.72	cps
Tin	118-1	1183	1267	1058	1170	8.97	cps
Titanium	47-1	14183	14450	14550	14394	1.32	cps
Uranium	238-1	825	833	900	853	4.82	cps
Vanadium	51-2	1280	1240	1223	1248	2.33	cps
Yttrium	89-1	3959514	3965907	4020810	3982077	0.85	cps
Yttrium	89-2	205562	204544	206703	205603	0.53	cps
Zinc	66-2	1750	1904	2004	1886	6.77	cps
Zirconium	90-1	2134	2234	2267	2211	3.14	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC3	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:20:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	483	425	467	458	6.56	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:23:50	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6318	7169	7085	6858	6.84	cps
Antimony	121-1	1333	1150	1092	1192	10.58	cps
Arsenic	75-2	207	204	239	217	8.92	cps
Barium	135-1	21995	22052	21877	21975	0.41	cps
Barium	137-1	38173	37237	38006	37805	1.32	cps
Beryllium	9-1	56	100	89	81	28.38	cps
Bismuth	209-1	1965316	1987678	2002102	1985032	0.93	cps
Bismuth	209-2	914778	920210	905688	913559	0.80	cps
Boron	10-1	550	450	475	492	10.58	cps
Boron	11-1	2125	2200	2200	2175	1.99	cps
Cadmium	111-1	821	762	821	801	4.28	cps
Cadmium	106-1	958	800	958	906	10.09	cps
Cadmium	108-1	29	33	42	35	18.33	cps
Calcium	43-1	138341	139941	141314	139866	1.06	cps
Calcium	44-1	2314255	2289921	2311458	2305211	0.58	cps
Chromium	52-2	3547	3544	3651	3581	1.69	cps
Cobalt	59-2	1693	1863	1763	1773	4.82	cps
Copper	63-2	22819	23206	23393	23140	1.27	cps
Dysprosium	156-1	1358	1475	1258	1364	7.95	cps
Dysprosium	156-2	490	513	467	490	4.76	cps
Erbium	164-1	1025	1167	1250	1147	9.92	cps
Erbium	164-2	417	357	430	401	9.74	cps
Gadolinium	160-1	1317	1308	1417	1347	4.48	cps
Gadolinium	160-2	640	643	543	609	9.33	cps
Holmium	165-1	3478306	3518537	3586573	3527805	1.55	cps
Holmium	165-2	1244748	1238076	1237737	1240187	0.32	cps
Indium	115-1	3494749	3445574	3533434	3491252	1.26	cps
Indium	115-2	260856	259498	260010	260121	0.26	cps
Iron	56-2	1424984	1410624	1406293	1413967	0.69	cps
Iron	57-2	34800	34660	35006	34822	0.50	cps
Lead	206-1	38526	38091	39339	38652	1.64	cps
Lead	207-1	33244	33456	33628	33443	0.58	cps
Lead	208-1	152694	153527	155139	153786	0.81	cps
Lithium	6-1	327550	322939	332694	327728	1.49	cps
Magnesium	24-2	70843	68633	69395	69624	1.61	cps
Manganese	55-2	14241	14017	14107	14122	0.80	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:23:50	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1634	1558	1684	1625	3.87	cps
Molybdenum	95-1	617	625	658	633	3.48	cps
Molybdenum	96-1	842	1017	983	947	9.81	cps
Molybdenum	97-1	542	492	475	503	6.90	cps
Molybdenum	98-1	867	942	983	931	6.35	cps
Neodymium	150-1	2120	2274	2374	2256	5.66	cps
Neodymium	150-2	550	530	460	513	9.21	cps
Nickel	60-2	1477	1487	1480	1481	0.34	cps
Phosphorus	31-2	133	150	133	139	6.93	cps
Potassium	39-2	14258	14500	14767	14508	1.75	cps
Rhodium	103-1	3528300	3520208	3581040	3543182	0.93	cps
Rhodium	103-2	1380271	1367662	1379753	1375895	0.52	cps
Scandium	45-1	2649747	2657980	2685729	2664485	0.71	cps
Scandium	45-2	32538	32692	33300	32843	1.23	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	7	13	9	44.56	cps
Selenium	82-1	-164	47	-94	-70	-152.69	cps
Silicon	28-1	745216	718692	683540	715816	4.32	cps
Silver	109-1	408	350	425	394	9.98	cps
Silver	107-1	458	308	442	403	20.41	cps
Sodium	23-2	13474	13173	12956	13201	1.97	cps
Strontium	86-1	35890	35815	35497	35734	0.58	cps
Strontium	88-1	288245	290878	288096	289073	0.54	cps
Sulfur	34-1	338081	333750	333944	335258	0.73	cps
Terbium	159-1	3733499	3755534	3869131	3786054	1.92	cps
Terbium	159-2	1224901	1227939	1223406	1225416	0.19	cps
Thallium	203-1	208	283	158	217	29.04	cps
Thallium	205-1	608	542	400	517	20.59	cps
Tin	118-1	3134	2959	3050	3048	2.87	cps
Titanium	47-1	24347	24923	24907	24726	1.33	cps
Uranium	238-1	842	1217	1067	1042	18.12	cps
Vanadium	51-2	1907	1930	1960	1932	1.38	cps
Yttrium	89-1	3943668	3980329	3998163	3974053	0.70	cps
Yttrium	89-2	205624	203353	203672	204216	0.60	cps
Zinc	66-2	8526	8449	8062	8346	2.98	cps
Zirconium	90-1	3592	3659	3326	3526	5.00	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:23:50	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1009	767	675	817	21.10	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:27:02	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6602	6485	6669	6585	1.41	cps
Antimony	121-1	1117	1258	1175	1183	6.02	cps
Arsenic	75-2	228	222	198	216	7.29	cps
Barium	135-1	21351	21477	21193	21340	0.67	cps
Barium	137-1	37780	37237	36810	37276	1.30	cps
Beryllium	9-1	61	94	39	65	43.14	cps
Bismuth	209-1	1968126	1960947	1984111	1971061	0.60	cps
Bismuth	209-2	864170	914778	916856	898601	3.32	cps
Boron	10-1	483	483	508	492	2.93	cps
Boron	11-1	2450	2475	2225	2384	5.78	cps
Cadmium	111-1	760	849	705	771	9.43	cps
Cadmium	106-1	817	1033	833	895	13.48	cps
Cadmium	108-1	17	58	17	31	78.71	cps
Calcium	43-1	137561	138090	140892	138848	1.29	cps
Calcium	44-1	2255261	2272157	2274600	2267339	0.46	cps
Chromium	52-2	3687	3781	3390	3619	5.63	cps
Cobalt	59-2	1817	1667	1810	1765	4.80	cps
Copper	63-2	22365	22532	22662	22520	0.66	cps
Dysprosium	156-1	1267	1375	1325	1322	4.10	cps
Dysprosium	156-2	483	503	487	491	2.18	cps
Erbium	164-1	1025	1017	1175	1072	8.31	cps
Erbium	164-2	347	337	403	362	9.93	cps
Gadolinium	160-1	1325	1383	1325	1345	2.51	cps
Gadolinium	160-2	570	557	557	561	1.37	cps
Holmium	165-1	3468852	3583715	3553762	3535443	1.69	cps
Holmium	165-2	1172019	1241230	1231247	1214832	3.08	cps
Indium	115-1	3491421	3529884	3523284	3514863	0.59	cps
Indium	115-2	246718	262291	262280	257096	3.50	cps
Iron	56-2	1375529	1372107	1397721	1381786	1.01	cps
Iron	57-2	35106	34566	34304	34659	1.18	cps
Lead	206-1	38264	37991	37634	37963	0.83	cps
Lead	207-1	32158	32086	32843	32362	1.29	cps
Lead	208-1	151127	148815	152256	150733	1.16	cps
Lithium	6-1	325896	326306	329349	327184	0.58	cps
Magnesium	24-2	67369	69436	68650	68485	1.52	cps
Manganese	55-2	13807	14047	14291	14048	1.72	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:27:02	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1717	1542	2259	1839	20.32	cps
Molybdenum	95-1	650	600	675	642	5.95	cps
Molybdenum	96-1	875	958	892	908	4.85	cps
Molybdenum	97-1	508	525	567	533	5.63	cps
Molybdenum	98-1	942	958	867	922	5.29	cps
Neodymium	150-1	2360	2427	2140	2309	6.50	cps
Neodymium	150-2	567	533	537	546	3.37	cps
Nickel	60-2	1477	1333	1310	1373	6.57	cps
Phosphorus	31-2	75	92	108	92	18.18	cps
Potassium	39-2	20702	13724	14091	16172	24.28	cps
Rhodium	103-1	3540061	3512043	3506359	3519487	0.51	cps
Rhodium	103-2	1290616	1378750	1385800	1351722	3.92	cps
Scandium	45-1	2673873	2700979	2662844	2679232	0.73	cps
Scandium	45-2	31449	33316	32909	32558	3.02	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	9	0	13	7	90.13	cps
Selenium	82-1	40	55	-178	-28	-474.75	cps
Silicon	28-1	801517	646687	679596	709267	11.50	cps
Silver	109-1	283	258	292	278	6.24	cps
Silver	107-1	358	358	408	375	7.70	cps
Sodium	23-2	13282	12823	13241	13115	1.94	cps
Strontium	86-1	35631	36383	35873	35962	1.07	cps
Strontium	88-1	285115	286462	282463	284680	0.71	cps
Sulfur	34-1	336369	335207	336648	336075	0.23	cps
Terbium	159-1	3753877	3755128	3749973	3752993	0.07	cps
Terbium	159-2	1151466	1230790	1230552	1204269	3.80	cps
Thallium	203-1	192	200	242	211	12.69	cps
Thallium	205-1	558	667	583	603	9.41	cps
Tin	118-1	3267	3392	3226	3295	2.63	cps
Titanium	47-1	24698	24247	23462	24136	2.59	cps
Uranium	238-1	908	933	1025	956	6.43	cps
Vanadium	51-2	1974	1927	1927	1942	1.39	cps
Yttrium	89-1	3978975	3994577	3987706	3987086	0.20	cps
Yttrium	89-2	192860	207160	205346	201789	3.86	cps
Zinc	66-2	8183	8423	8149	8251	1.81	cps
Zirconium	90-1	3526	3059	3259	3281	7.14	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:27:02	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	792	758	783	778	2.23	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-07 14:30:13	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	1333	1208	1281	5.05	cps
Antimony	121-1	242	225	233	233	3.57	cps
Arsenic	75-2	54	35	52	47	21.73	cps
Barium	135-1	4376	4418	4368	4387	0.61	cps
Barium	137-1	7644	7144	7069	7286	4.29	cps
Beryllium	9-1	72	39	22	44	57.29	cps
Bismuth	209-1	1984426	1979889	1969301	1977872	0.39	cps
Bismuth	209-2	922486	915719	923850	920685	0.47	cps
Boron	10-1	400	358	300	353	14.24	cps
Boron	11-1	1558	1558	1575	1564	0.62	cps
Cadmium	111-1	656	650	623	643	2.79	cps
Cadmium	106-1	875	875	808	853	4.51	cps
Cadmium	108-1	21	0	8	10	107.86	cps
Calcium	43-1	31077	30810	30960	30949	0.43	cps
Calcium	44-1	489636	487797	494252	490562	0.68	cps
Chromium	52-2	1617	1660	1630	1636	1.36	cps
Cobalt	59-2	393	443	410	416	6.13	cps
Copper	63-2	4784	4774	5091	4883	3.69	cps
Dysprosium	156-1	217	258	300	258	16.13	cps
Dysprosium	156-2	117	137	100	118	15.59	cps
Erbium	164-1	392	225	250	289	31.11	cps
Erbium	164-2	83	67	93	81	16.61	cps
Gadolinium	160-1	267	333	342	314	13.10	cps
Gadolinium	160-2	57	143	140	113	43.33	cps
Holmium	165-1	3502019	3542105	3571213	3538446	0.98	cps
Holmium	165-2	1236011	1232083	1238148	1235414	0.25	cps
Indium	115-1	3523850	3548647	3497926	3523474	0.72	cps
Indium	115-2	262278	260683	256761	259907	1.09	cps
Iron	56-2	275792	278336	274077	276068	0.78	cps
Iron	57-2	7119	6752	6769	6880	3.01	cps
Lead	206-1	7942	8214	7836	7997	2.44	cps
Lead	207-1	6696	6574	6635	6635	0.92	cps
Lead	208-1	30977	31322	31133	31144	0.55	cps
Lithium	6-1	327904	327800	322716	326140	0.91	cps
Magnesium	24-2	13382	14391	13707	13827	3.73	cps
Manganese	55-2	2847	2854	2907	2869	1.15	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-07 14:30:13	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	383	392	392	2.13	cps
Molybdenum	95-1	192	125	175	164	21.17	cps
Molybdenum	96-1	208	292	167	222	28.64	cps
Molybdenum	97-1	300	242	350	297	18.24	cps
Molybdenum	98-1	142	150	175	156	11.15	cps
Neodymium	150-1	433	453	347	411	13.79	cps
Neodymium	150-2	97	97	130	108	17.85	cps
Nickel	60-2	357	357	303	339	9.09	cps
Phosphorus	31-2	67	42	17	42	60.00	cps
Potassium	39-2	6644	6202	6243	6363	3.84	cps
Rhodium	103-1	3495011	3526522	3485316	3502283	0.62	cps
Rhodium	103-2	1372190	1393263	1374603	1380018	0.84	cps
Scandium	45-1	2658326	2649688	2606520	2638178	1.05	cps
Scandium	45-2	33553	32805	32832	33063	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	7	4	100.05	cps
Selenium	82-1	-192	-194	-197	-194	-1.30	cps
Silicon	28-1	489678	388278	382334	420097	14.36	cps
Silver	109-1	117	133	100	117	14.29	cps
Silver	107-1	125	175	133	144	18.54	cps
Sodium	23-2	9287	9846	8928	9353	4.94	cps
Strontium	86-1	8928	8436	9145	8837	4.11	cps
Strontium	88-1	58318	56309	56075	56901	2.17	cps
Sulfur	34-1	335303	335926	333681	334970	0.35	cps
Terbium	159-1	3735955	3765800	3765811	3755855	0.46	cps
Terbium	159-2	1241331	1235655	1226924	1234637	0.59	cps
Thallium	203-1	58	92	92	81	23.89	cps
Thallium	205-1	342	258	350	317	16.01	cps
Tin	118-1	1150	1408	1433	1331	11.79	cps
Titanium	47-1	4959	4901	4918	4926	0.61	cps
Uranium	238-1	200	242	225	222	9.44	cps
Vanadium	51-2	460	387	373	407	11.48	cps
Yttrium	89-1	3928816	3910310	3897915	3912347	0.40	cps
Yttrium	89-2	204167	204870	201408	203481	0.90	cps
Zinc	66-2	1623	1583	1637	1615	1.72	cps
Zirconium	90-1	783	875	925	861	8.34	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	MH0AC4L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-07 14:30:13	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	283	459	311	43.61	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:33:24	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7002	6727	6652	6794	2.71	cps
Antimony	121-1	7894	8128	8094	8039	1.57	cps
Arsenic	75-2	287	257	287	277	6.17	cps
Barium	135-1	51111	48917	48674	49567	2.71	cps
Barium	137-1	83960	84033	87137	85043	2.13	cps
Beryllium	9-1	517	500	578	532	7.71	cps
Bismuth	209-1	1972386	2015504	2013519	2000469	1.22	cps
Bismuth	209-2	926492	918325	914283	919700	0.68	cps
Boron	10-1	425	392	500	439	12.64	cps
Boron	11-1	2309	2500	2309	2373	4.66	cps
Cadmium	111-1	1509	1755	1607	1624	7.61	cps
Cadmium	106-1	917	1000	867	928	7.26	cps
Cadmium	108-1	58	71	71	67	10.82	cps
Calcium	43-1	137804	138193	140042	138680	0.86	cps
Calcium	44-1	2279207	2314836	2321978	2305340	0.99	cps
Chromium	52-2	6061	5815	5915	5930	2.09	cps
Cobalt	59-2	14421	14421	13947	14263	1.92	cps
Copper	63-2	28560	28660	28533	28584	0.23	cps
Dysprosium	156-1	1342	1467	1609	1472	9.06	cps
Dysprosium	156-2	593	477	507	526	11.53	cps
Erbium	164-1	1100	1150	1133	1128	2.26	cps
Erbium	164-2	397	417	487	433	10.91	cps
Gadolinium	160-1	1308	1350	1383	1347	2.79	cps
Gadolinium	160-2	603	580	607	597	2.44	cps
Holmium	165-1	3511451	3565763	3593425	3556880	1.17	cps
Holmium	165-2	1255425	1242023	1236257	1244568	0.79	cps
Indium	115-1	3497620	3536557	3572183	3535453	1.05	cps
Indium	115-2	262602	261725	258799	261042	0.76	cps
Iron	56-2	1497487	1407320	1431675	1445494	3.23	cps
Iron	57-2	35095	34515	35719	35110	1.71	cps
Lead	206-1	40159	40209	39841	40069	0.50	cps
Lead	207-1	34135	33328	33668	33710	1.20	cps
Lead	208-1	157896	159079	157714	158230	0.47	cps
Lithium	6-1	330298	332539	333722	332186	0.52	cps
Magnesium	24-2	69303	68691	70751	69582	1.52	cps
Manganese	55-2	16110	15883	16423	16138	1.68	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:33:24	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1275	1559	1533	1456	10.78	cps
Molybdenum	95-1	633	658	617	636	3.30	cps
Molybdenum	96-1	875	875	892	881	1.09	cps
Molybdenum	97-1	517	467	608	531	13.54	cps
Molybdenum	98-1	1033	1008	1050	1031	2.04	cps
Neodymium	150-1	2354	2460	2314	2376	3.19	cps
Neodymium	150-2	567	547	517	543	4.63	cps
Nickel	60-2	5304	5198	5231	5244	1.04	cps
Phosphorus	31-2	142	158	108	136	18.70	cps
Potassium	39-2	14500	13732	14216	14149	2.74	cps
Rhodium	103-1	3543255	3540309	3509686	3531083	0.53	cps
Rhodium	103-2	1397269	1368649	1375343	1380420	1.08	cps
Scandium	45-1	2688929	2661223	2712329	2687494	0.95	cps
Scandium	45-2	33253	33123	32367	32914	1.45	cps
Selenium	77-2	13	10	0	8	89.21	cps
Selenium	78-2	11	7	6	8	35.21	cps
Selenium	82-1	-11	54	-97	-18	-423.42	cps
Silicon	28-1	638908	671275	785076	698420	10.99	cps
Silver	109-1	3701	3726	3792	3740	1.27	cps
Silver	107-1	3659	4109	4276	4015	7.95	cps
Sodium	23-2	12806	12648	13682	13045	4.27	cps
Strontium	86-1	35380	36860	36717	36319	2.25	cps
Strontium	88-1	289045	292888	289328	290420	0.74	cps
Sulfur	34-1	337763	344680	339069	340504	1.08	cps
Terbium	159-1	3755764	3795502	3757607	3769624	0.60	cps
Terbium	159-2	1234999	1223840	1227096	1228645	0.47	cps
Thallium	203-1	2175	2275	2300	2250	2.94	cps
Thallium	205-1	5176	5076	5268	5174	1.85	cps
Tin	118-1	3167	3585	3009	3254	9.15	cps
Titanium	47-1	24831	24773	24514	24706	0.68	cps
Uranium	238-1	867	808	892	856	5.00	cps
Vanadium	51-2	6181	6292	6585	6353	3.28	cps
Yttrium	89-1	4012469	3999157	4014944	4008856	0.21	cps
Yttrium	89-2	206967	205401	203624	205331	0.81	cps
Zinc	66-2	9597	9663	9613	9625	0.36	cps
Zirconium	90-1	3284	3768	3576	3543	6.88	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	I4046-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MH0AC4S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-07 14:33:24	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	725	775	825	775	6.45	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:36:35	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	438244	442255	441265	440588	0.47	cps
Antimony	121-1	3688199	3684649	3736912	3703253	0.79	cps
Arsenic	75-2	79130	79624	79436	79397	0.31	cps
Barium	135-1	3615643	3655188	3670472	3647101	0.78	cps
Barium	137-1	6279396	6257495	6334844	6290578	0.63	cps
Beryllium	9-1	498726	498813	504834	500791	0.70	cps
Bismuth	209-1	1967371	1982272	2003898	1984514	0.93	cps
Bismuth	209-2	935557	935214	936276	935682	0.06	cps
Boron	10-1	62202	64119	64512	63611	1.94	cps
Boron	11-1	295728	301077	310621	302475	2.49	cps
Cadmium	111-1	805081	806630	818167	809959	0.88	cps
Cadmium	106-1	85001	84087	85614	84901	0.91	cps
Cadmium	108-1	56983	57526	56451	56987	0.94	cps
Calcium	43-1	5290211	5367138	5301620	5319656	0.78	cps
Calcium	44-1	86779506	86378829	86791996	86650110	0.27	cps
Chromium	52-2	667758	662345	664742	664949	0.41	cps
Cobalt	59-2	1293217	1286739	1289550	1289835	0.25	cps
Copper	63-2	2242006	2213527	2222674	2226069	0.65	cps
Dysprosium	156-1	58	125	100	94	35.66	cps
Dysprosium	156-2	47	17	13	26	71.84	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	3669870	3691025	3704272	3688389	0.47	cps
Holmium	165-2	1308637	1314920	1324686	1316081	0.61	cps
Indium	115-1	3539162	3467639	3558500	3521767	1.36	cps
Indium	115-2	260746	258439	260942	260042	0.54	cps
Iron	56-2	105997936	105748252	105062772	105602987	0.46	cps
Iron	57-2	2722988	2695303	2708483	2708925	0.51	cps
Lead	206-1	1620382	1623759	1635799	1626647	0.50	cps
Lead	207-1	1450564	1476690	1482975	1470076	1.17	cps
Lead	208-1	6653659	6689247	6709839	6684248	0.43	cps
Lithium	6-1	354131	359207	369461	360933	2.16	cps
Magnesium	24-2	10886070	10965737	10940874	10930894	0.37	cps
Manganese	55-2	372418	371736	371581	371912	0.12	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:36:35	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3041325	2985105	3066622	3031017	1.38	cps
Molybdenum	95-1	1738585	1725335	1764599	1742840	1.15	cps
Molybdenum	96-1	2225687	2191403	2237915	2218335	1.09	cps
Molybdenum	97-1	1060731	1050265	1074189	1061728	1.13	cps
Molybdenum	98-1	2804353	2791909	2821725	2805995	0.53	cps
Neodymium	150-1	213	173	167	184	13.68	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	380278	375952	376986	377739	0.60	cps
Phosphorus	31-2	7102	7094	7052	7083	0.38	cps
Potassium	39-2	3677451	3658293	3642616	3659453	0.48	cps
Rhodium	103-1	3487228	3427544	3481482	3465418	0.95	cps
Rhodium	103-2	1350544	1340002	1339686	1343411	0.46	cps
Scandium	45-1	2729454	2759272	2768949	2752558	0.75	cps
Scandium	45-2	33493	33727	34315	33845	1.25	cps
Selenium	77-2	570	613	590	591	3.67	cps
Selenium	78-2	1943	2082	1972	1999	3.66	cps
Selenium	82-1	55386	55008	56303	55566	1.20	cps
Silicon	28-1	2158128	2167457	2190480	2172022	0.77	cps
Silver	109-1	3885053	3878561	3960390	3908001	1.16	cps
Silver	107-1	4099782	4049077	4041444	4063435	0.78	cps
Sodium	23-2	27277840	27177715	26987460	27147672	0.54	cps
Strontium	86-1	1098822	1105383	1112968	1105724	0.64	cps
Strontium	88-1	9514100	9532889	9500859	9515949	0.17	cps
Sulfur	34-1	664979	666185	670040	667068	0.40	cps
Terbium	159-1	3883839	3907848	3956514	3916067	0.95	cps
Terbium	159-2	1299969	1315933	1302979	1306294	0.65	cps
Thallium	203-1	2091740	2084598	2101418	2092586	0.40	cps
Thallium	205-1	4927137	4895428	4930798	4917787	0.40	cps
Tin	118-1	2588094	2547579	2598938	2578204	1.05	cps
Titanium	47-1	535561	538592	534901	536351	0.37	cps
Uranium	238-1	6033615	5970382	6152013	6052003	1.52	cps
Vanadium	51-2	475670	475282	478549	476500	0.37	cps
Yttrium	89-1	4068708	4101578	4098216	4089501	0.44	cps
Yttrium	89-2	209433	209558	208799	209263	0.19	cps
Zinc	66-2	212707	212938	213747	213131	0.26	cps
Zirconium	90-1	5574272	5651233	5595999	5607168	0.71	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:36:35	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1229500	1226907	1238950	1231786	0.51	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:39:39	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	17	33	66.14	cps
Antimony	121-1	925	675	508	703	29.84	cps
Arsenic	75-2	4	2	6	4	50.09	cps
Barium	135-1	25	33	42	33	25.01	cps
Barium	137-1	50	50	67	56	17.32	cps
Beryllium	9-1	61	33	106	67	54.65	cps
Bismuth	209-1	2090993	2109979	2091910	2097627	0.51	cps
Bismuth	209-2	872925	972032	971956	938971	6.09	cps
Boron	10-1	1767	1292	1550	1536	15.48	cps
Boron	11-1	7602	7310	7019	7310	3.99	cps
Cadmium	111-1	580	665	565	603	8.88	cps
Cadmium	106-1	850	942	792	861	8.78	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	4626	4159	3851	4212	9.27	cps
Calcium	44-1	58196	58589	58339	58375	0.34	cps
Chromium	52-2	1197	1087	1090	1125	5.57	cps
Cobalt	59-2	117	77	137	110	27.77	cps
Copper	63-2	440	507	447	464	7.90	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	13	0	0	4	173.21	cps
Gadolinium	160-1	33	42	17	31	41.66	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	3676488	3721268	3721168	3706308	0.70	cps
Holmium	165-2	1173250	1289581	1288976	1250602	5.36	cps
Indium	115-1	3668198	3637572	3626052	3643941	0.60	cps
Indium	115-2	243254	268421	268816	260164	5.63	cps
Iron	56-2	5335	5651	5140	5375	4.80	cps
Iron	57-2	144	172	83	133	34.10	cps
Lead	206-1	500	478	411	463	9.99	cps
Lead	207-1	400	456	383	413	9.16	cps
Lead	208-1	1839	1956	1739	1845	5.88	cps
Lithium	6-1	384112	381231	378197	381180	0.78	cps
Magnesium	24-2	167	142	142	150	9.63	cps
Manganese	55-2	63	107	73	81	27.98	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:39:39	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	333	183	289	31.78	cps
Molybdenum	95-1	33	33	50	39	24.75	cps
Molybdenum	96-1	208	108	150	156	32.29	cps
Molybdenum	97-1	200	175	142	172	16.99	cps
Molybdenum	98-1	108	25	50	61	69.98	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	63	70	63	10.52	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	4951	5310	5026	5096	3.71	cps
Rhodium	103-1	3657105	3639309	3631702	3642705	0.36	cps
Rhodium	103-2	1281285	1414177	1410905	1368789	5.54	cps
Scandium	45-1	2727867	2700616	2696563	2708349	0.63	cps
Scandium	45-2	29722	33249	32855	31942	6.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-37	-104	-129	-90	-52.68	cps
Silicon	28-1	360728	354430	353274	356144	1.13	cps
Silver	109-1	183	200	183	189	5.10	cps
Silver	107-1	250	14966	242	5153	164.94	cps
Sodium	23-2	13732	12723	12773	13076	4.35	cps
Strontium	86-1	2392	2492	2367	2417	2.74	cps
Strontium	88-1	75	175	83	111	49.94	cps
Sulfur	34-1	337047	343091	340461	340200	0.89	cps
Terbium	159-1	3936157	3914210	3961977	3937448	0.61	cps
Terbium	159-2	1152459	1290208	1287631	1243433	6.34	cps
Thallium	203-1	400	283	267	317	22.94	cps
Thallium	205-1	825	725	767	772	6.50	cps
Tin	118-1	1208	1208	1183	1200	1.20	cps
Titanium	47-1	108	175	125	136	25.49	cps
Uranium	238-1	92	25	33	50	72.65	cps
Vanadium	51-2	23	23	13	20	28.87	cps
Yttrium	89-1	4094766	4071680	4062656	4076367	0.41	cps
Yttrium	89-2	188704	205616	207268	200529	5.12	cps
Zinc	66-2	77	47	53	59	26.75	cps
Zirconium	90-1	933	900	742	858	11.93	cps

LB Number :	LB88612	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2017-07-07 14:39:39	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	158	217	178	18.95	cps