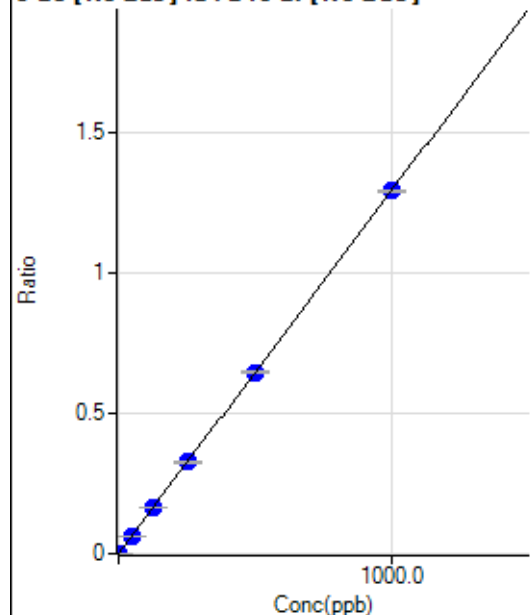


Batch Folder: D:\ICP-MS Data\P7022217.b\
Analysis File: P7022217.batch.bin
DA Date-Time: 2017-02-22 17:54:33
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-22 16:00:43
2			
3	004CALS.d	S02	2017-02-22 16:08:33
4	005CALS.d	S03	2017-02-22 16:12:26
5	006CALS.d	S04	2017-02-22 16:16:20
6	007CALS.d	S05	2017-02-22 16:20:12
7	008CALS.d	S06	2017-02-22 16:24:02
8	009CALS.d	S07	2017-02-22 16:27:48
9	010CALS.d	S08	2017-02-22 16:31:29

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.82	0.0000	P	56.5
2	☐	0.100					
3	☐	1.000	0.935	624.11	0.0012	P	6.7
4	☐	50.000	49.838	32663.26	0.0644	P	0.8
5	☐	125.000	125.961	81397.16	0.1627	P	0.3
6	☐	250.000	252.112	161944.43	0.3256	P	1.0
7	☐	500.000	499.518	321341.63	0.6452	P	1.4
8	☐	1000.000	999.601	634622.32	1.2911	P	0.5
9	☐			161.12	0.0004	P	17.4

$$y = 0.0013 * x + 3.0181E-005$$

$$R = 1.0000$$

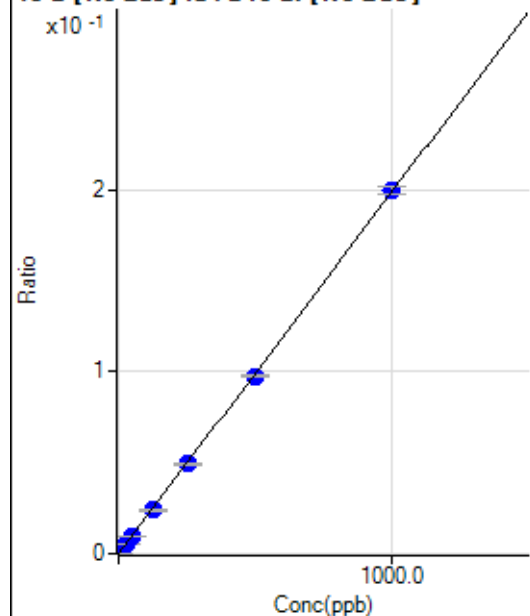
$$DL = 0.03964$$

$$BEC = 0.02337$$

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	19.45	0.0000	P	23.5
2	☐	2.500					
3	☐	25.000	25.772	2600.32	0.0052	P	7.0
4	☐	50.000	47.517	4806.51	0.0095	P	3.7
5	☐	125.000	119.811	11924.54	0.0238	P	4.8
6	☐	250.000	249.047	24620.73	0.0495	P	1.3
7	☐	500.000	492.273	48720.90	0.0978	P	1.3
8	☐	1000.000	1004.856	98127.91	0.1996	P	2.2
9	☐			3378.29	0.0074	P	18.6

$$y = 1.9863E-004 * x + 3.9674E-005$$

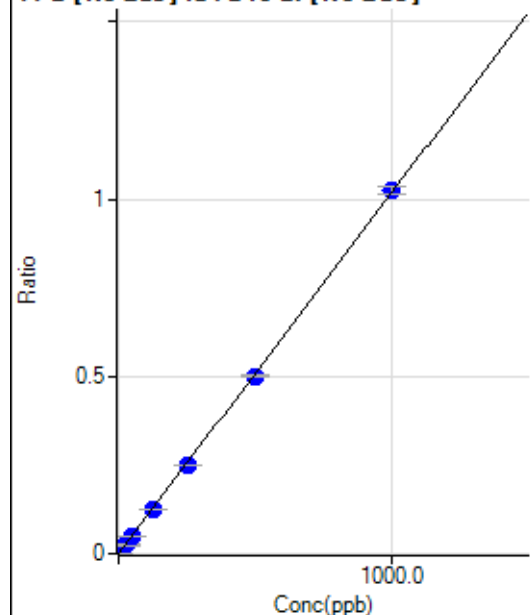
$$R = 0.9999$$

$$DL = 0.1409$$

$$BEC = 0.1997$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0002	P	43.6
2	☐	2.500					
3	☐	25.000	23.813	12305.47	0.0244	P	2.7
4	☐	50.000	47.676	24693.12	0.0487	P	2.7
5	☐	125.000	121.902	62117.16	0.1242	P	1.5
6	☐	250.000	245.301	124159.17	0.2497	P	1.8
7	☐	500.000	492.343	249529.82	0.5009	P	1.4
8	☐	1000.000	1005.536	502742.60	1.0228	P	2.1
9	☐			17029.66	0.0372	P	11.3

$$y = 0.0010 * x + 2.0400E-004$$

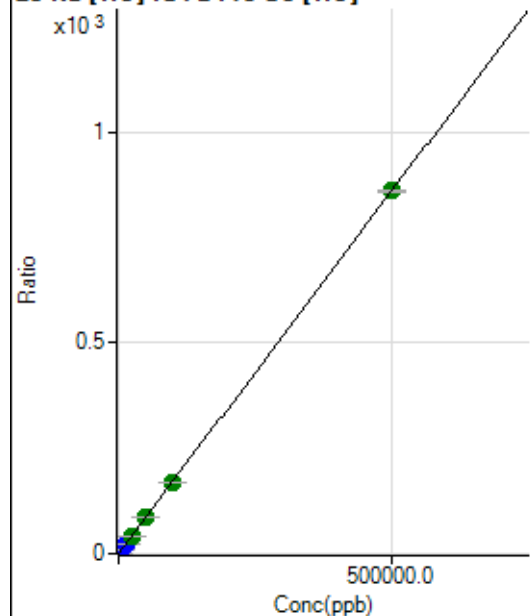
$$R = 0.9999$$

$$DL = 0.2621$$

$$BEC = 0.2006$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8205.33	0.0698	P	3.7
2	☐	50.000					
3	☐	500.000	495.963	110644.16	0.9231	P	0.8
4	☐	5000.000	5142.575	1049198.15	8.9177	P	0.3
5	☐	12500.000	12748.163	2589007.61	22.0032	P	1.4
6	☐	25000.000	24829.137	5134015.30	42.7888	A	1.5
7	☐	50000.000	49577.846	10252980.00	85.3694	A	1.4
8	☐	100000.00	97680.792	20757525.29	168.1314	A	0.6
9	☐	500000.00	500506.97	98885688.32	861.2012	A	0.5

$$y = 0.0017 * x + 0.0698$$

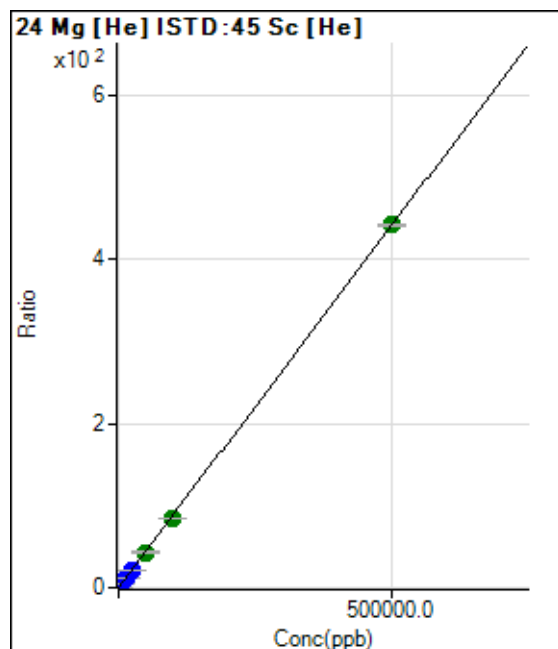
$$R = 1.0000$$

$$DL = 4.469$$

$$BEC = 40.55$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0008	P	29.1
2	☐	50.000					
3	☐	500.000	495.500	52540.33	0.4383	P	0.7
4	☐	5000.000	5080.462	527824.50	4.4862	P	0.5
5	☐	12500.000	12580.218	1306967.88	11.1074	P	1.2
6	☐	25000.000	24232.250	2567075.30	21.3945	P	1.0
7	☐	50000.000	48932.449	5188513.44	43.2012	A	1.5
8	☐	100000.00	96150.729	10479513.69	84.8883	A	1.4
9	☐	500000.00	500912.19	50778769.88	442.2351	A	0.5

$$y = 8.8286\text{E-}004 * x + 8.4904\text{E-}004$$

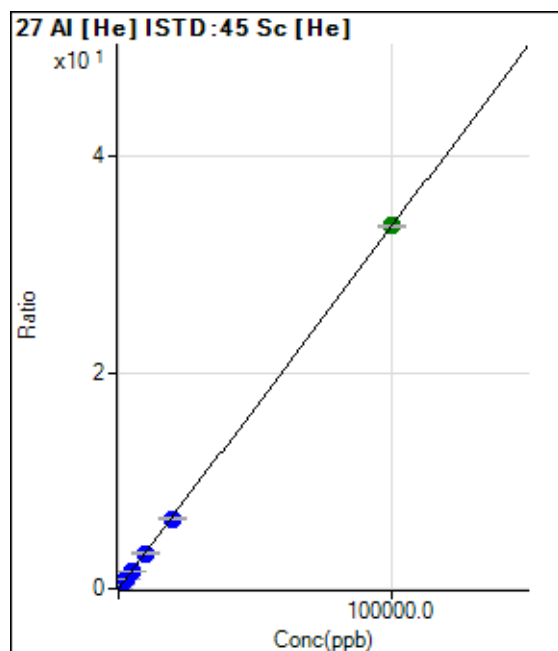
$$R = 1.0000$$

$$DL = 0.8408$$

$$BEC = 0.9617$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	2.000					
3	☐	20.000	22.096	894.51	0.0075	P	22.5
4	☐	1000.000	1006.858	39722.92	0.3376	P	0.8
5	☐	2500.000	2536.215	100061.56	0.8504	P	1.5
6	☐	5000.000	4935.428	198549.50	1.6547	P	1.4
7	☐	10000.000	9821.371	395465.84	3.2928	P	1.7
8	☐	20000.000	19256.772	797036.55	6.4562	P	1.3
9	☐	100000.00	100168.76	3856164.45	33.5835	A	0.8

$$y = 3.3527\text{E-}004 * x + 4.7483\text{E-}005$$

$$R = 1.0000$$

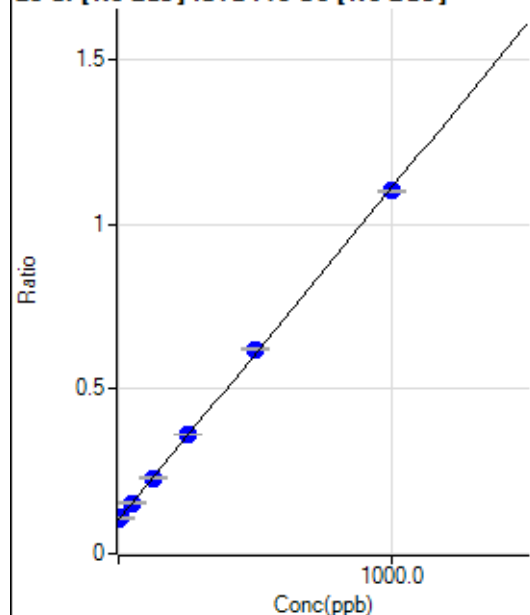
$$DL = 0.368$$

$$BEC = 0.1416$$

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	276117.18	0.1027	P	0.3
2	☐	1.000					
3	☐	10.000	5.288	295636.76	0.1080	P	0.7
4	☐	50.000	51.423	423334.80	0.1545	P	0.9
5	☐	125.000	126.711	625662.13	0.2303	P	1.3
6	☐	250.000	254.937	977602.81	0.3594	P	0.3
7	☐	500.000	514.645	1732162.78	0.6208	P	0.2
8	☐	1000.000	991.206	3057880.26	1.1006	P	0.3
9	☐			332118.77	0.1239	P	0.1

$$y = 0.0010 * x + 0.1027$$

$$R = 0.9998$$

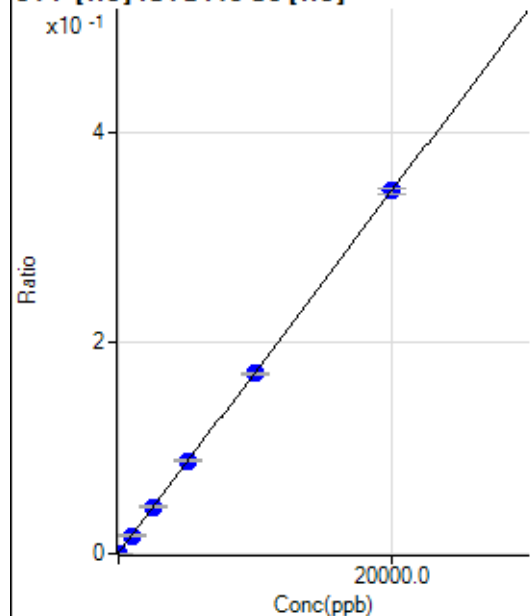
$$DL = 1.071$$

$$BEC = 102$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.864	50.00	0.0004	P	45.1
2	☐	0.000					
3	☐	0.000	7.864	83.34	0.0007	P	36.6
4	☐	1000.000	974.788	2036.33	0.0173	P	5.6
5	☐	2500.000	2524.161	5167.76	0.0439	P	4.2
6	☐	5000.000	5078.620	10534.63	0.0878	P	2.1
7	☐	10000.000	9917.040	20528.69	0.1709	P	1.4
8	☐	20000.000	20020.065	42525.44	0.3445	P	1.4
9	☐			50.00	0.0004	P	28.0

$$y = 1.7178E-005 * x + 5.6130E-004$$

$$R = 1.0000$$

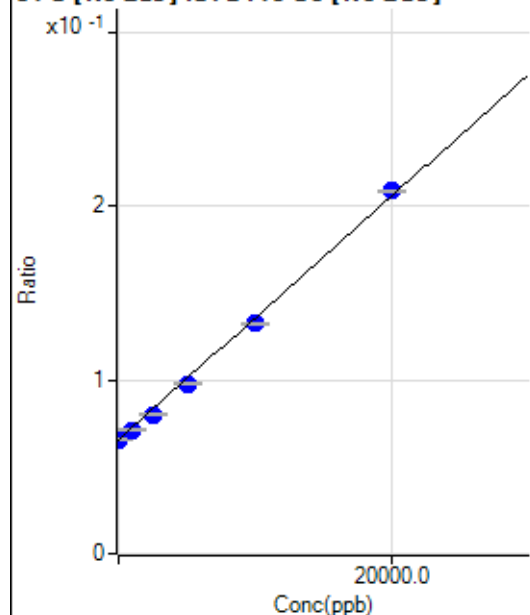
$$DL = 39.03$$

$$BEC = 32.68$$

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	-15.795	176589.57	0.0657	P	1.1
2	☐	0.000					
3	☐	0.000	15.795	180352.42	0.0659	P	1.4
4	☐	1000.000	767.344	195020.22	0.0712	P	1.0
5	☐	2500.000	2032.965	217431.99	0.0800	P	0.9
6	☐	5000.000	4577.601	266127.40	0.0978	P	1.4
7	☐	10000.000	9498.440	369023.40	0.1323	P	1.0
8	☐	20000.000	20426.392	579935.73	0.2087	P	0.5
9	☐			171242.87	0.0639	P	0.7

$$y = 6.9973\text{E-}006 * x + 0.0658$$

$$R = 0.9992$$

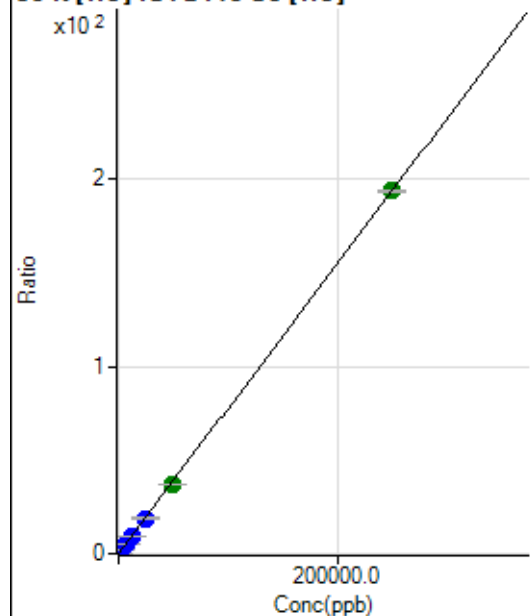
$$DL = 345$$

$$BEC = 9404$$

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	8986.37	0.0764	P	3.9
2	☐	50.000					
3	☐	500.000	473.980	53126.31	0.4433	P	2.3
4	☐	2500.000	2469.339	233850.78	1.9876	P	0.9
5	☐	6250.000	6220.212	575520.93	4.8907	P	0.4
6	☐	12500.000	12200.743	1142233.90	9.5196	P	1.2
7	☐	25000.000	24335.258	2271314.61	18.9115	P	1.3
8	☐	50000.000	47865.263	4582917.20	37.1233	A	1.4
9	☐	250000.00	250509.48	22272548.59	193.9664	A	0.4

$$y = 7.7398\text{E-}004 * x + 0.0764$$

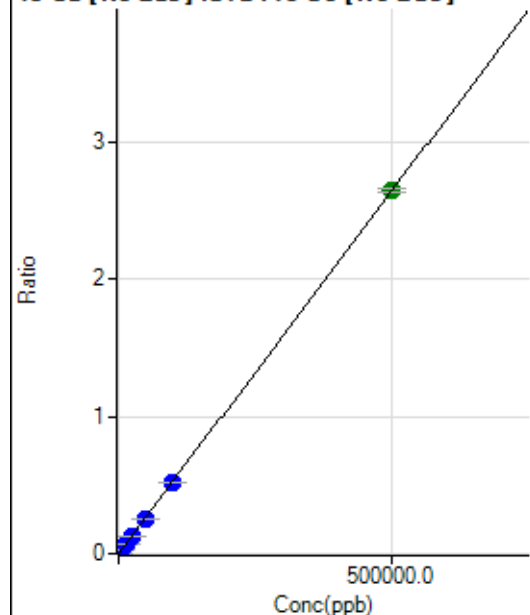
$$R = 1.0000$$

$$DL = 11.61$$

$$BEC = 98.71$$

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	83.33	0.0000	P	34.7
2	☐	50.000					
3	☐	500.000	477.606	6990.77	0.0026	P	3.2
4	☐	5000.000	4807.447	69692.29	0.0254	P	1.3
5	☐	12500.000	12170.571	174814.86	0.0643	P	0.2
6	☐	25000.000	24606.799	353772.44	0.1300	P	0.7
7	☐	50000.000	48368.219	713146.60	0.2556	P	0.4
8	☐	100000.00	97449.562	1430704.42	0.5149	P	0.2
9	☐	500000.00	500703.10	7091610.14	2.6456	A	1.0

$$y = 5.2838\text{E-}006 * x + 3.1011\text{E-}005$$

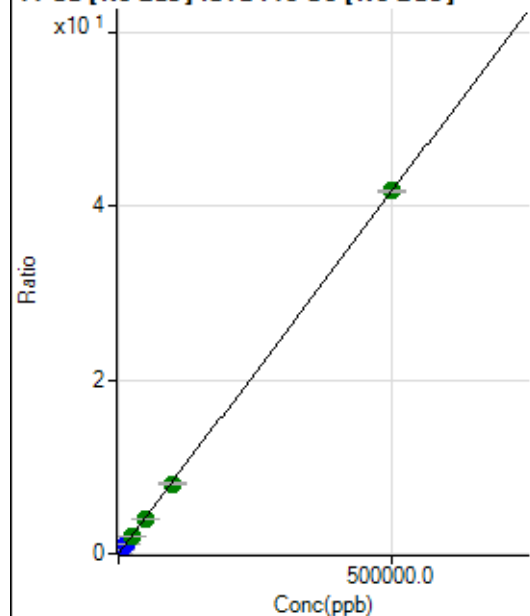
$$R = 1.0000$$

$$DL = 6.117$$

$$BEC = 5.869$$

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	4011.84	0.0015	P	4.5
2	☐	50.000					
3	☐	500.000	475.710	112444.47	0.0411	P	0.8
4	☐	5000.000	4860.355	1112776.80	0.4061	P	0.5
5	☐	12500.000	12011.440	2720716.71	1.0014	P	1.0
6	☐	25000.000	24208.639	5486076.90	2.0167	A	0.5
7	☐	50000.000	47552.522	11048644.26	3.9599	A	0.2
8	☐	100000.00	96750.651	22380970.12	8.0553	A	0.5
9	☐	500000.00	500947.82	111782352.5	41.7020	A	0.6

$$y = 8.3243\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

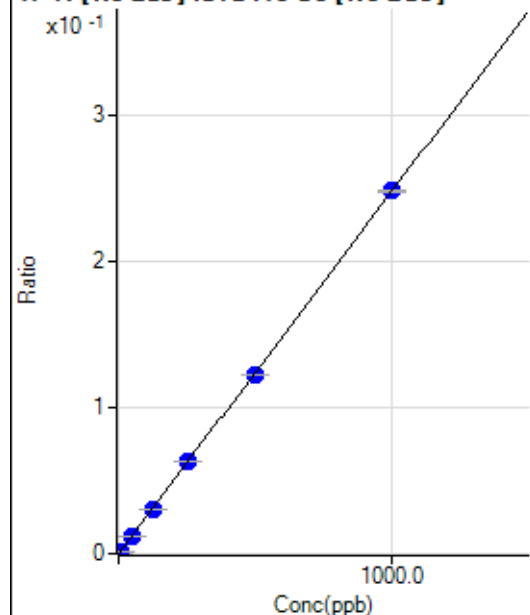
$$DL = 2.439$$

$$BEC = 17.93$$

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	113.89	0.0000	P	36.6
2	☐	0.500					
3	☐	5.000	4.564	3200.48	0.0012	P	1.7
4	☐	50.000	48.902	33218.85	0.0121	P	1.0
5	☐	125.000	123.529	83025.35	0.0306	P	0.8
6	☐	250.000	253.212	170265.59	0.0626	P	0.5
7	☐	500.000	492.840	339789.28	0.1218	P	0.2
8	☐	1000.000	1003.018	688508.16	0.2478	P	0.3
9	☐			622.26	0.0002	P	23.8

$$y = 2.4702E-004 * x + 4.2338E-005$$

$$R = 1.0000$$

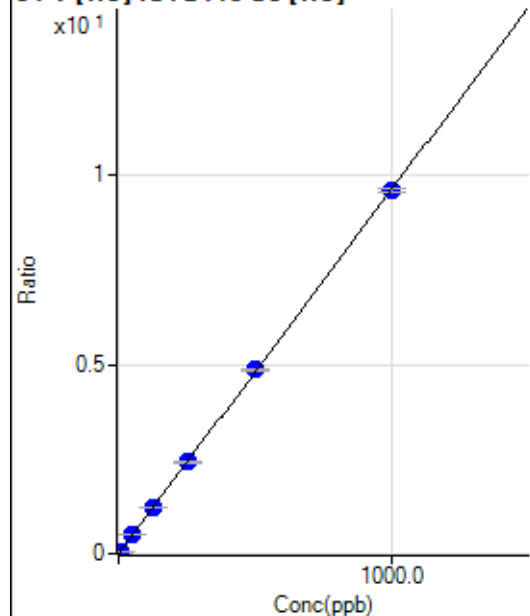
$$DL = 0.1882$$

$$BEC = 0.1714$$

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	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.797	5537.78	0.0462	P	1.1
4	☐	50.000	50.940	57704.56	0.4905	P	0.7
5	☐	125.000	127.215	144128.81	1.2248	P	0.7
6	☐	250.000	251.333	290343.13	2.4198	P	1.2
7	☐	500.000	505.112	584053.92	4.8631	P	1.7
8	☐	1000.000	996.788	1184796.94	9.5969	P	0.9
9	☐			213.34	0.0019	P	2.4

$$y = 0.0096 * x + 1.9115E-005$$

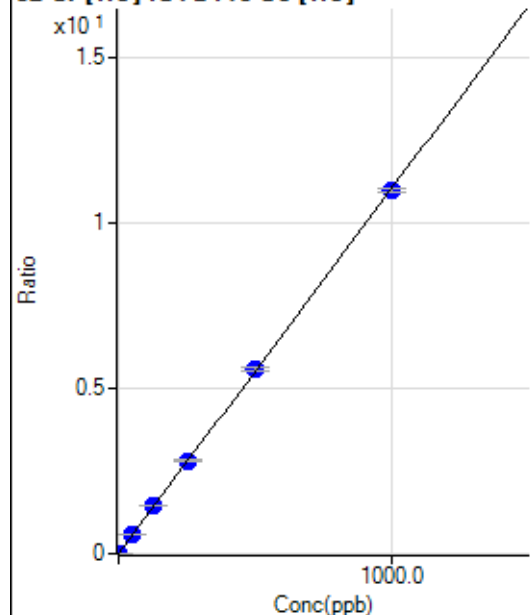
$$R = 1.0000$$

$$DL = 0.01032$$

$$BEC = 0.001985$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.56	0.0023	P	4.1
2	☐	0.200					
3	☐	2.000	2.011	2943.68	0.0246	P	2.7
4	☐	50.000	52.049	67903.00	0.5772	P	0.5
5	☐	125.000	129.633	168735.48	1.4340	P	0.8
6	☐	250.000	255.146	338374.77	2.8201	P	1.1
7	☐	500.000	507.883	673876.26	5.6112	P	2.0
8	☐	1000.000	994.091	1355608.94	10.9807	P	1.1
9	☐			9603.26	0.0836	P	4.3

$$y = 0.0110 * x + 0.0023$$

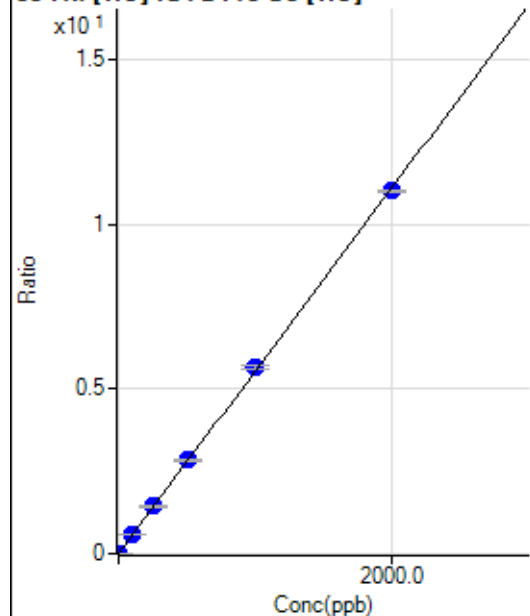
$$R = 0.9999$$

$$DL = 0.02639$$

$$BEC = 0.2122$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0001	P	20.5
2	☐	0.100					
3	☐	1.000	0.978	666.69	0.0056	P	6.7
4	☐	100.000	103.852	67731.67	0.5757	P	1.3
5	☐	250.000	258.541	168632.68	1.4330	P	0.8
6	☐	500.000	511.310	340044.24	2.8340	P	0.8
7	☐	1000.000	1018.714	678088.37	5.6461	P	1.7
8	☐	2000.000	1986.556	1359284.20	11.0102	P	0.8
9	☐			4609.68	0.0401	P	1.6

$$y = 0.0055 * x + 1.4182E-004$$

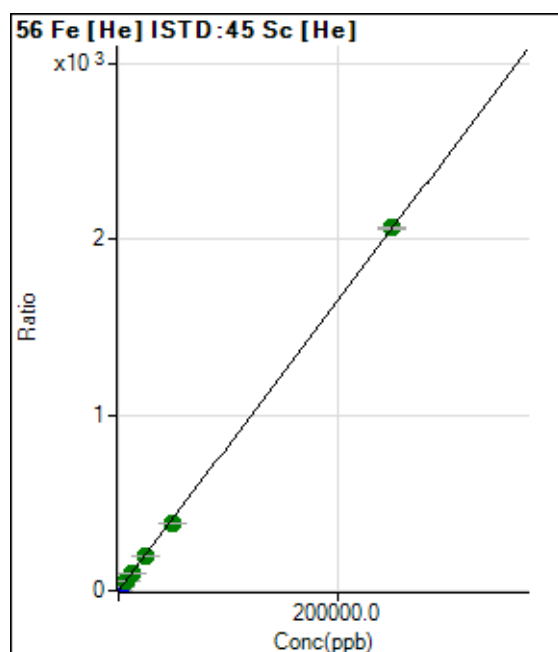
$$R = 0.9999$$

$$DL = 0.01571$$

$$BEC = 0.02559$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1388.99	0.0118	P	2.1
2	☐	5.000					
3	☐	50.000	49.629	50395.76	0.4204	P	0.2
4	☐	2500.000	2512.720	2435417.44	20.7000	P	0.5
5	☐	6250.000	6059.631	5872178.08	49.9032	A	0.8
6	☐	12500.000	11896.999	11754692.97	97.9645	A	0.9
7	☐	25000.000	23618.441	23355491.49	194.4719	A	1.8
8	☐	50000.000	46261.219	47023688.09	380.8989	A	1.1
9	☐	250000.00	250920.69	237217851.6	2,065.941	A	0.6

$$y = 0.0082 * x + 0.0118$$

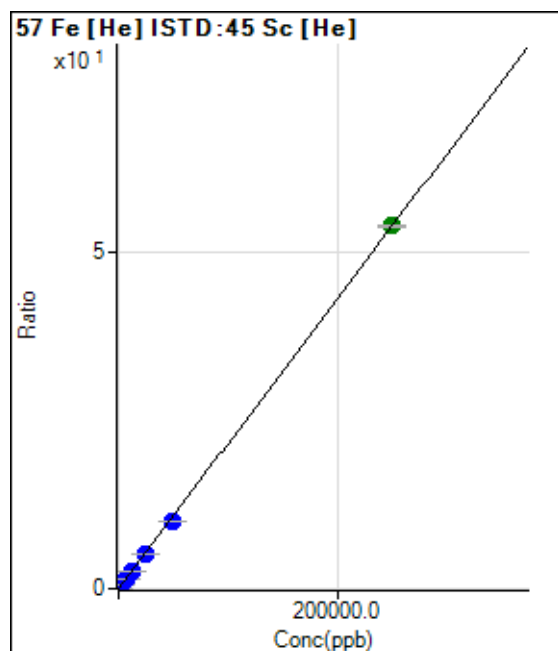
$$R = 0.9999$$

$$DL = 0.08859$$

$$BEC = 1.435$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.59	0.0004	P	19.5
2	☐	5.000					
3	☐	50.000	46.706	1246.38	0.0104	P	1.7
4	☐	2500.000	2452.546	62040.33	0.5273	P	0.7
5	☐	6250.000	6086.159	153919.74	1.3080	P	0.8
6	☐	12500.000	11987.970	309104.26	2.5761	P	0.9
7	☐	25000.000	24128.391	622640.01	5.1846	P	2.1
8	☐	50000.000	46695.561	1238705.67	10.0335	P	0.9
9	☐	250000.00	250778.22	6186995.80	53.8831	A	0.5

$$y = 2.1486E-004 * x + 3.6200E-004$$

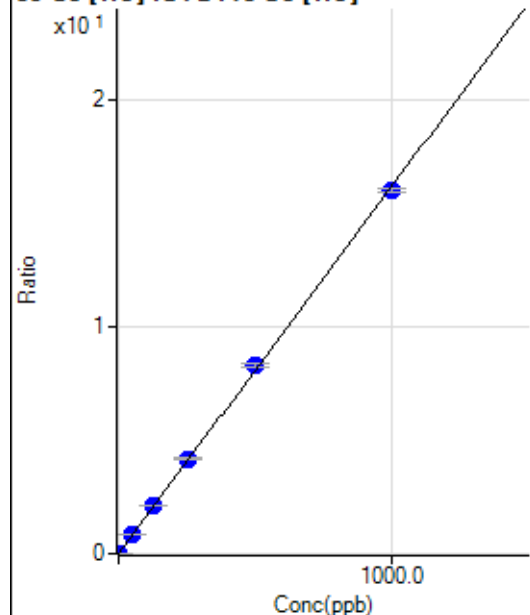
$$R = 0.9999$$

$$DL = 0.9873$$

$$BEC = 1.685$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.56	0.0003	P	24.1
2	☐	0.100					
3	☐	1.000	1.064	2100.19	0.0175	P	4.1
4	☐	50.000	52.866	100683.30	0.8558	P	0.7
5	☐	125.000	131.917	251233.13	2.1349	P	0.4
6	☐	250.000	258.776	502489.57	4.1877	P	0.5
7	☐	500.000	515.876	1002554.88	8.3480	P	2.0
8	☐	1000.000	988.860	1975489.17	16.0017	P	1.0
9	☐			1373.42	0.0120	P	4.1

$$y = 0.0162 * x + 3.0255E-004$$

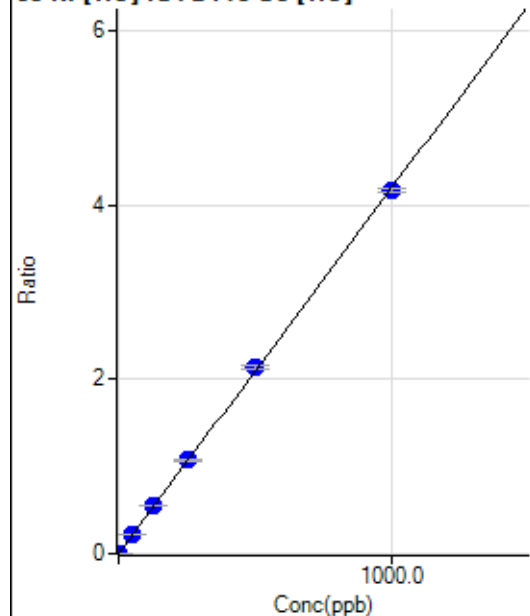
$$R = 0.9998$$

$$DL = 0.01354$$

$$BEC = 0.0187$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0001	P	60.1
2	☐	0.100					
3	☐	1.000	0.986	513.35	0.0043	P	12.8
4	☐	50.000	52.516	25954.26	0.2206	P	0.3
5	☐	125.000	131.263	64858.06	0.5512	P	1.2
6	☐	250.000	256.352	129139.23	1.0763	P	1.6
7	☐	500.000	509.595	256936.15	2.1394	P	1.6
8	☐	1000.000	992.706	514489.36	4.1674	P	1.1
9	☐			2040.17	0.0178	P	2.7

$$y = 0.0042 * x + 1.4206E-004$$

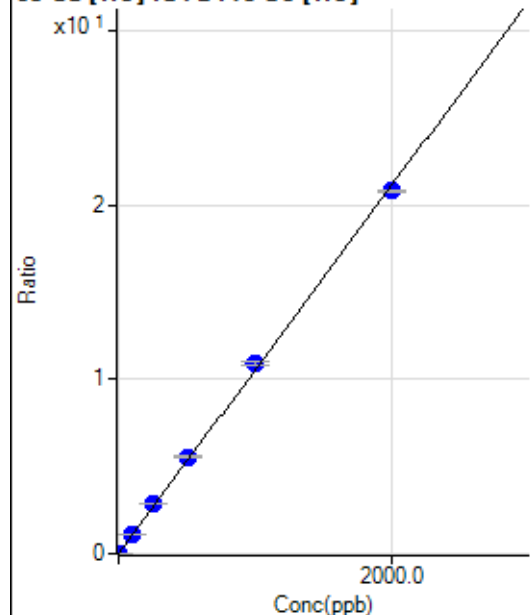
$$R = 0.9999$$

$$DL = 0.061$$

$$BEC = 0.03384$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	132.22	0.0011	P	15.0
2	☐	0.200					
3	☐	2.000	2.102	2796.98	0.0233	P	2.6
4	☐	100.000	108.507	135052.19	1.1479	P	0.4
5	☐	250.000	269.354	335107.92	2.8478	P	0.7
6	☐	500.000	527.382	668907.43	5.5748	P	1.1
7	☐	1000.000	1036.300	1315470.95	10.9533	P	1.7
8	☐	2000.000	1972.160	2573351.77	20.8440	P	0.8
9	☐			3876.13	0.0338	P	1.2

$$y = 0.0106 * x + 0.0011$$

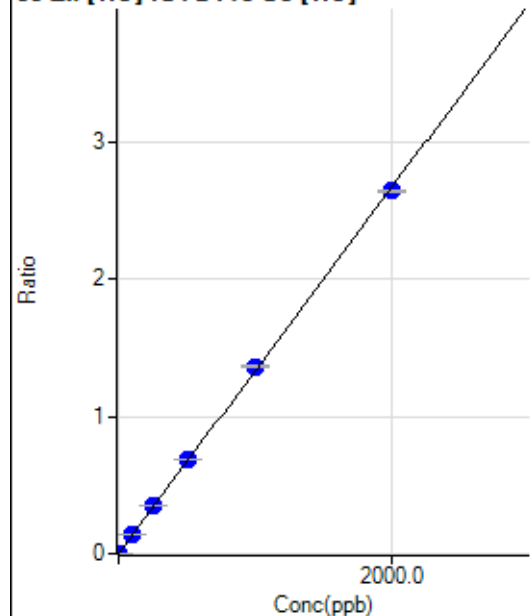
$$R = 0.9996$$

$$DL = 0.04778$$

$$BEC = 0.1063$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.56	0.0002	P	39.0
2	☐	0.200					
3	☐	2.000	1.995	344.45	0.0029	P	4.4
4	☐	100.000	106.357	16695.26	0.1419	P	0.5
5	☐	250.000	262.510	41179.11	0.3499	P	0.5
6	☐	500.000	515.606	82442.05	0.6871	P	1.1
7	☐	1000.000	1023.212	163732.03	1.3633	P	1.4
8	☐	2000.000	1982.611	326102.33	2.6414	P	0.7
9	☐			2841.44	0.0247	P	4.0

$$y = 0.0013 * x + 2.1689E-004$$

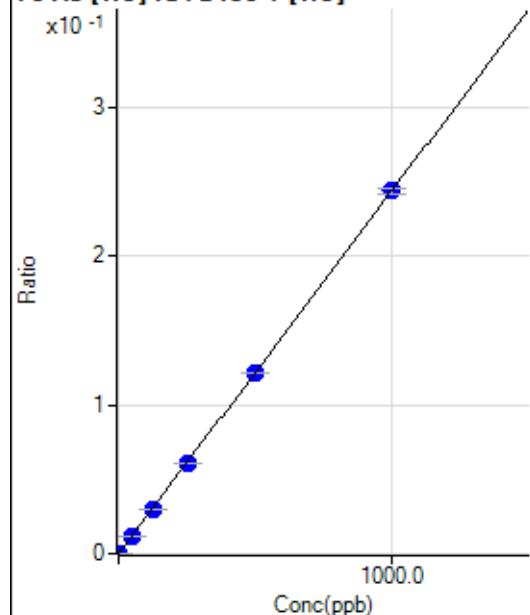
$$R = 0.9999$$

$$DL = 0.1903$$

$$BEC = 0.1628$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.70	0.0000	P	49.5
2	☐	0.100					
3	☐	1.000	0.946	124.69	0.0002	P	13.9
4	☐	50.000	48.764	6153.20	0.0119	P	4.1
5	☐	125.000	123.097	15569.53	0.0300	P	0.5
6	☐	250.000	247.570	31594.76	0.0603	P	0.2
7	☐	500.000	499.219	64482.64	0.1216	P	0.8
8	☐	1000.000	1001.298	131281.98	0.2439	P	1.3
9	☐			187.04	0.0004	P	21.7

$$y = 2.4362\text{E-}004 * x + 7.2029\text{E-}006$$

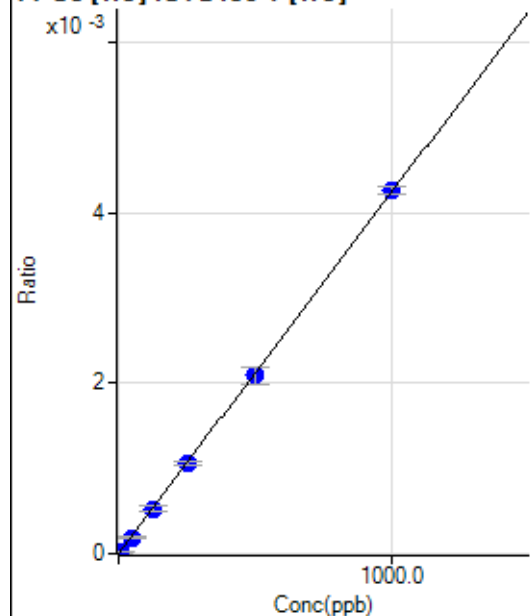
$$R = 1.0000$$

$$DL = 0.04393$$

$$BEC = 0.02957$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	3.493	8.89	0.0000	P	57.3
4	☐	50.000	44.632	98.89	0.0002	P	4.8
5	☐	125.000	123.995	273.34	0.0005	P	12.7
6	☐	250.000	247.623	550.02	0.0011	P	4.3
7	☐	500.000	493.494	1108.95	0.0021	P	9.2
8	☐	1000.000	1004.249	2289.11	0.0043	P	2.0
9	☐			1.11	0.0000	P	173.2

$$y = 4.2320\text{E-}006 * x + 2.1587\text{E-}006$$

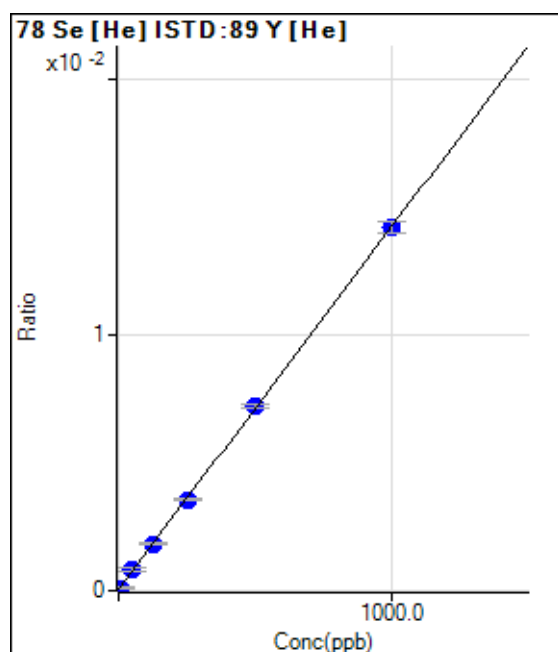
$$R = 1.0000$$

$$DL = 2.651$$

$$BEC = 0.5101$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.16	0.0001	P	4.5
2	☐	0.500					
3	☐	5.000	4.069	58.03	0.0001	P	12.7
4	☐	50.000	55.365	432.72	0.0008	P	14.4
5	☐	125.000	125.422	948.80	0.0018	P	4.0
6	☐	250.000	248.104	1866.80	0.0036	P	2.5
7	☐	500.000	505.021	3816.58	0.0072	P	2.6
8	☐	1000.000	997.647	7624.90	0.0142	P	3.1
9	☐			34.57	0.0001	P	7.7

$$y = 1.4151\text{E-}005 * x + 5.2973\text{E-}005$$

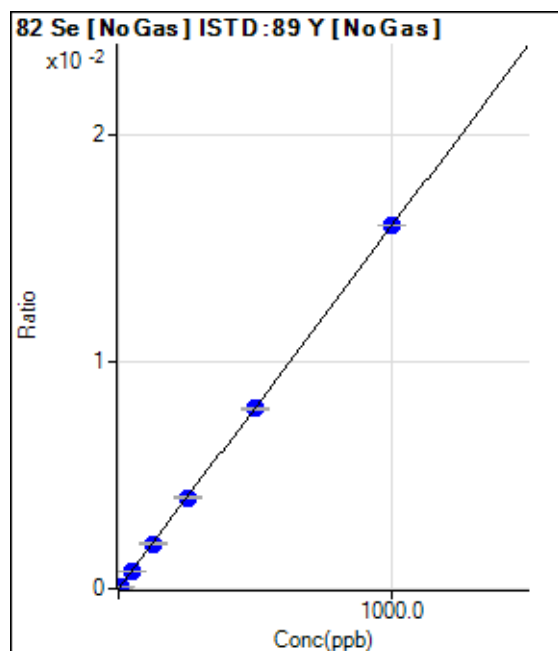
$$R = 1.0000$$

$$DL = 0.5051$$

$$BEC = 3.743$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-44.33	0.0000	P	-106.
2	☐	0.500					
3	☐	5.000	5.709	282.14	0.0001	P	17.6
4	☐	50.000	48.870	2718.71	0.0008	P	4.1
5	☐	125.000	123.339	6866.69	0.0020	P	2.4
6	☐	250.000	251.249	14074.68	0.0040	P	1.4
7	☐	500.000	496.835	28391.95	0.0079	P	1.0
8	☐	1000.000	1001.531	57147.28	0.0160	P	0.1
9	☐			95.60	0.0000	P	18.8

$$y = 1.6005\text{E-}005 * x - 1.2387\text{E-}005$$

$$R = 1.0000$$

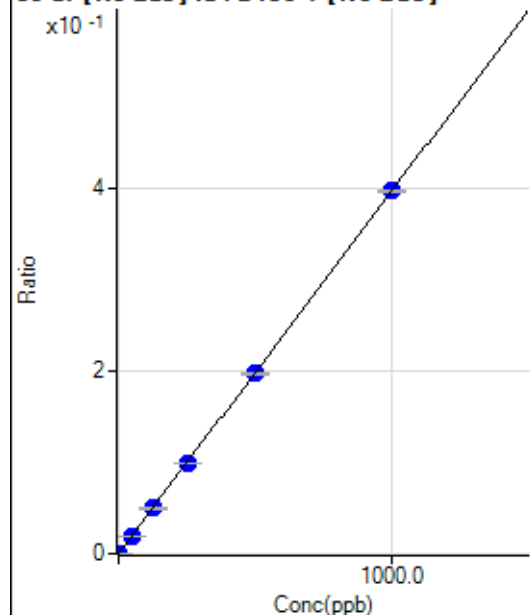
$$DL = 2.477$$

$$BEC = -0.774$$

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	722.27	0.0002	P	12.7
2	☐	0.100					
3	☐	1.000	0.939	2047.46	0.0006	P	5.1
4	☐	50.000	48.801	68865.32	0.0195	P	0.4
5	☐	125.000	124.585	173164.07	0.0495	P	1.2
6	☐	250.000	250.137	347966.76	0.0991	P	0.4
7	☐	500.000	497.035	703547.75	0.1967	P	0.7
8	☐	1000.000	1001.560	1413711.54	0.3962	P	0.8
9	☐			41162.86	0.0121	P	1.7

$$y = 3.9542\text{E-}004 * x + 2.0176\text{E-}004$$

$$R = 1.0000$$

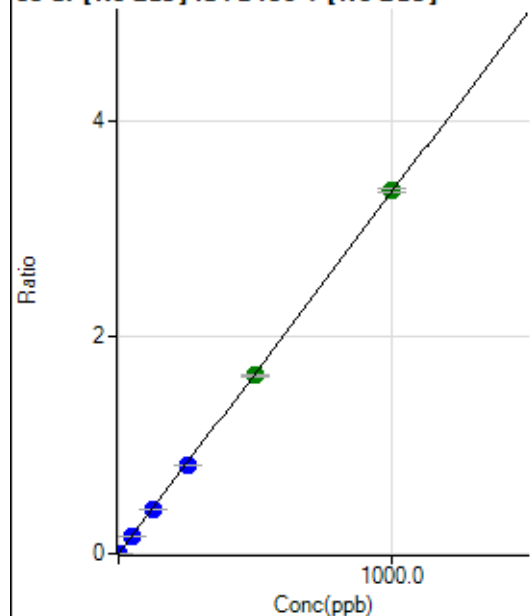
$$DL = 0.195$$

$$BEC = 0.5102$$

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	105.56	0.0000	P	22.9
2	☐	0.100					
3	☐	1.000	0.929	11176.97	0.0031	P	3.4
4	☐	50.000	50.103	590566.99	0.1672	P	0.7
5	☐	125.000	124.253	1451583.78	0.4146	P	0.8
6	☐	250.000	245.358	2874516.28	0.8187	P	0.6
7	☐	500.000	493.820	5892555.95	1.6478	A	1.0
8	☐	1000.000	1004.339	11956805.48	3.3513	A	1.1
9	☐			344366.07	0.1015	P	2.5

$$y = 0.0033 * x + 2.9489\text{E-}005$$

$$R = 1.0000$$

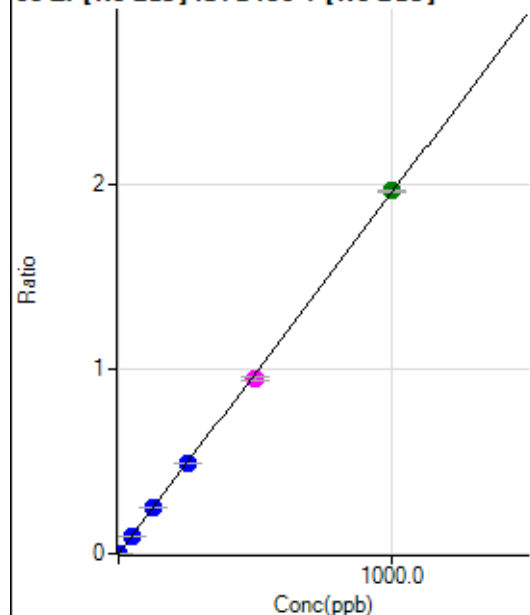
$$DL = 0.006065$$

$$BEC = 0.008838$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	180.56	0.0001	P	26.2
2	☐	0.100					
3	☐	1.000	0.671	4864.94	0.0014	P	12.4
4	☐	50.000	48.721	336598.41	0.0953	P	1.1
5	☐	125.000	125.738	860816.96	0.2459	P	0.6
6	☐	250.000	250.569	1720124.82	0.4899	P	0.5
7	☐	500.000	487.352	3407382.59	0.9529	M	1.9
8	☐	1000.000	1006.154	7018650.68	1.9672	A	0.2
9	☐			1994.68	0.0006	P	8.9

$$y = 0.0020 * x + 5.0434E-005$$

$$R = 0.9999$$

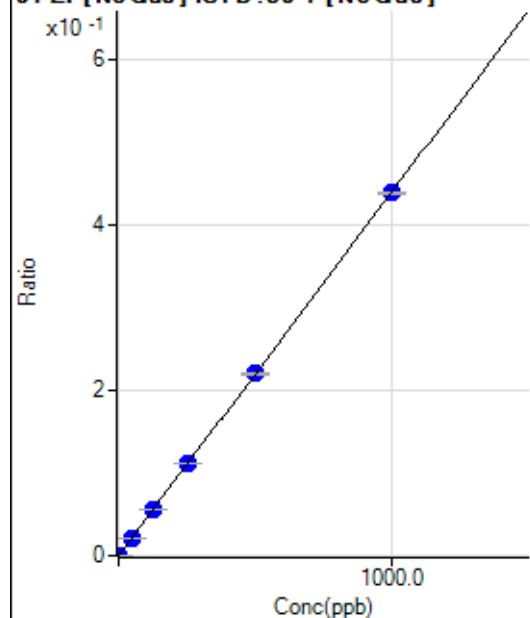
$$DL = 0.02029$$

$$BEC = 0.0258$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	40.0
2	☐	0.100					
3	☐	1.000	0.672	1097.31	0.0003	P	11.9
4	☐	50.000	48.568	75448.84	0.0214	P	1.7
5	☐	125.000	126.534	194767.72	0.0556	P	1.4
6	☐	250.000	254.557	392924.99	0.1119	P	0.5
7	☐	500.000	500.197	786398.69	0.2199	P	0.4
8	☐	1000.000	998.642	1566334.57	0.4390	P	0.2
9	☐			436.14	0.0001	P	10.2

$$y = 4.3960E-004 * x + 1.1639E-005$$

$$R = 1.0000$$

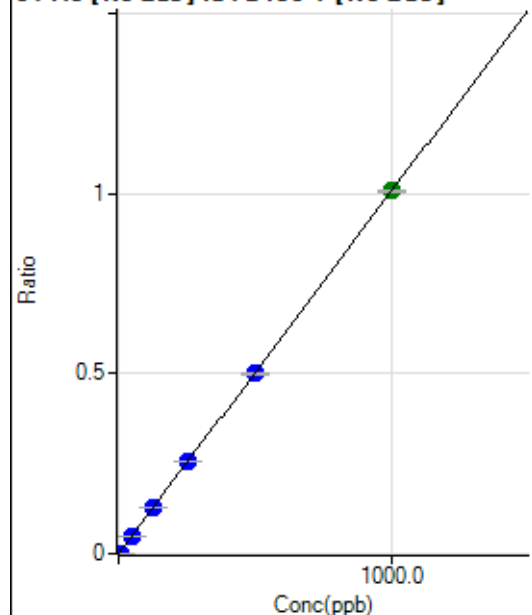
$$DL = 0.03176$$

$$BEC = 0.02648$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	79.0
2	☐	0.500					
3	☐	5.000	1.953	7096.46	0.0020	P	5.3
4	☐	50.000	49.693	176619.44	0.0500	P	1.7
5	☐	125.000	126.289	444808.43	0.1271	P	0.9
6	☐	250.000	252.476	891737.96	0.2540	P	0.3
7	☐	500.000	496.934	1787658.24	0.4999	P	0.5
8	☐	1000.000	1000.783	3591789.45	1.0067	A	0.7
9	☐			4564.80	0.0013	P	16.0

$$y = 0.0010 * x + 2.1717E-005$$

$$R = 1.0000$$

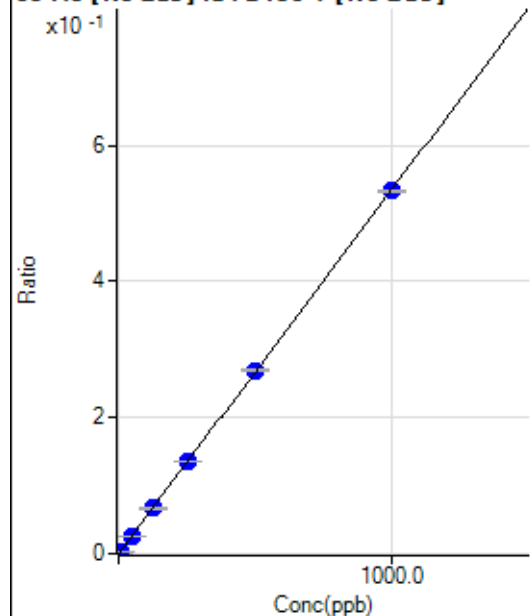
$$DL = 0.05115$$

$$BEC = 0.02159$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	45.8
2	☐	0.500					
3	☐	5.000	4.645	8886.44	0.0025	P	1.0
4	☐	50.000	49.254	92929.52	0.0263	P	2.1
5	☐	125.000	125.011	233749.54	0.0668	P	1.2
6	☐	250.000	253.858	476011.53	0.1356	P	0.8
7	☐	500.000	502.647	959979.28	0.2684	P	1.0
8	☐	1000.000	997.750	1901155.79	0.5329	P	0.4
9	☐			6596.24	0.0019	P	11.0

$$y = 5.3405E-004 * x + 7.7593E-006$$

$$R = 1.0000$$

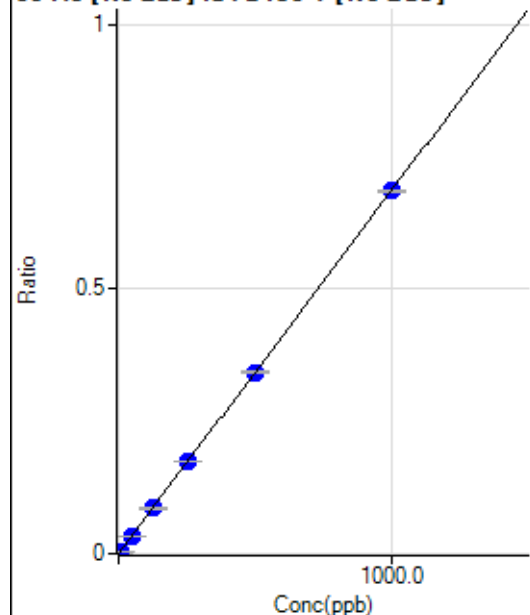
$$DL = 0.01996$$

$$BEC = 0.01453$$

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	55.56	0.0000	P	34.7
2	☐	0.500					
3	☐	5.000	3.993	9837.10	0.0028	P	2.0
4	☐	50.000	48.730	118107.50	0.0334	P	0.6
5	☐	125.000	124.930	300024.80	0.0857	P	2.1
6	☐	250.000	253.796	611248.62	0.1741	P	0.5
7	☐	500.000	499.572	1225442.50	0.3427	P	1.0
8	☐	1000.000	999.342	2445725.16	0.6855	P	0.2
9	☐			9536.96	0.0028	P	10.3

$$y = 6.8592\text{E-}004 * x + 1.5520\text{E-}005$$

$$R = 1.0000$$

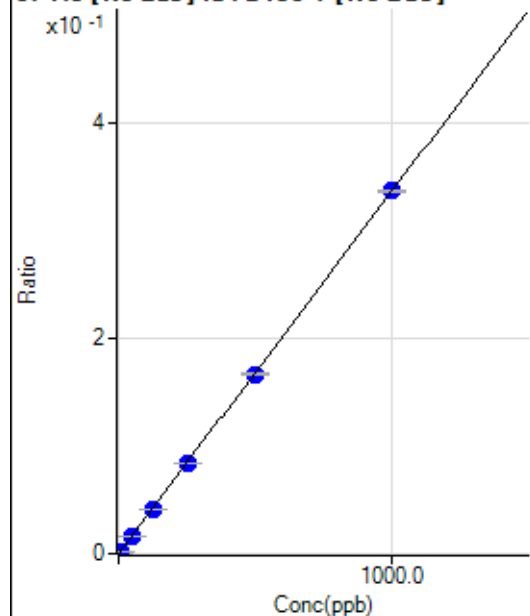
$$DL = 0.02354$$

$$BEC = 0.02263$$

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	27.78	0.0000	P	17.4
2	☐	0.500					
3	☐	5.000	4.629	5590.21	0.0016	P	1.2
4	☐	50.000	49.019	58283.68	0.0165	P	1.1
5	☐	125.000	122.392	144196.63	0.0412	P	1.7
6	☐	250.000	250.180	295590.30	0.0842	P	0.2
7	☐	500.000	495.701	596508.56	0.1668	P	0.9
8	☐	1000.000	1002.481	1203544.19	0.3373	P	0.6
9	☐			4345.30	0.0013	P	15.6

$$y = 3.3649\text{E-}004 * x + 7.7594\text{E-}006$$

$$R = 1.0000$$

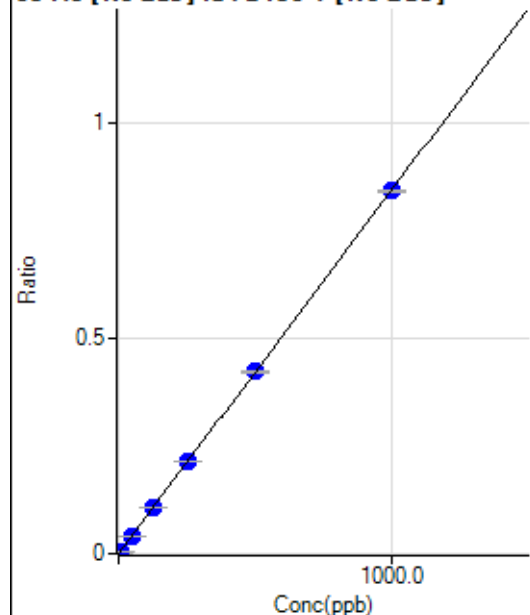
$$DL = 0.01204$$

$$BEC = 0.02306$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	20.3
2	☐	0.500					
3	☐	5.000	4.738	14329.90	0.0040	P	1.3
4	☐	50.000	49.446	147464.10	0.0418	P	0.4
5	☐	125.000	126.207	372968.46	0.1066	P	2.6
6	☐	250.000	255.034	755896.26	0.2153	P	0.7
7	☐	500.000	500.475	1510834.67	0.4225	P	0.9
8	☐	1000.000	998.382	3006936.96	0.8428	P	0.5
9	☐			10471.00	0.0031	P	12.7

$$y = 8.4415\text{E-}004 * x + 1.3191\text{E-}005$$

$$R = 1.0000$$

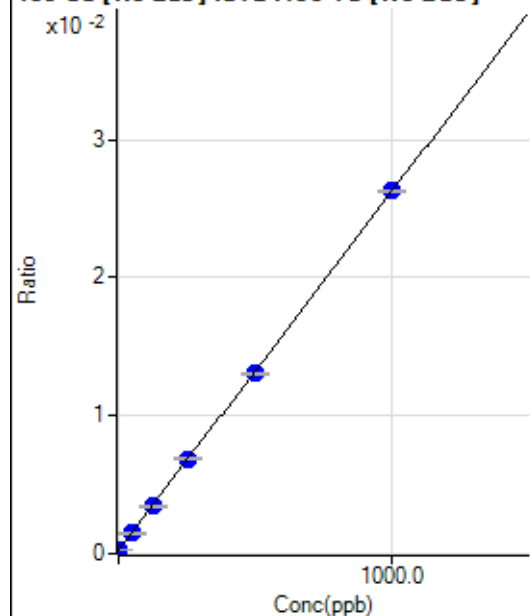
$$DL = 0.009533$$

$$BEC = 0.01563$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	863.95	0.0003	P	8.7
2	☐	0.100					
3	☐	1.000	0.737	925.07	0.0003	P	8.4
4	☐	50.000	48.343	5001.09	0.0015	P	8.8
5	☐	125.000	122.381	11210.42	0.0034	P	2.4
6	☐	250.000	255.636	22487.94	0.0069	P	2.0
7	☐	500.000	492.129	43158.32	0.0130	P	1.7
8	☐	1000.000	1002.937	85842.62	0.0263	P	0.7
9	☐			841.73	0.0003	P	10.3

$$y = 2.5955\text{E-}005 * x + 2.5995\text{E-}004$$

$$R = 0.9999$$

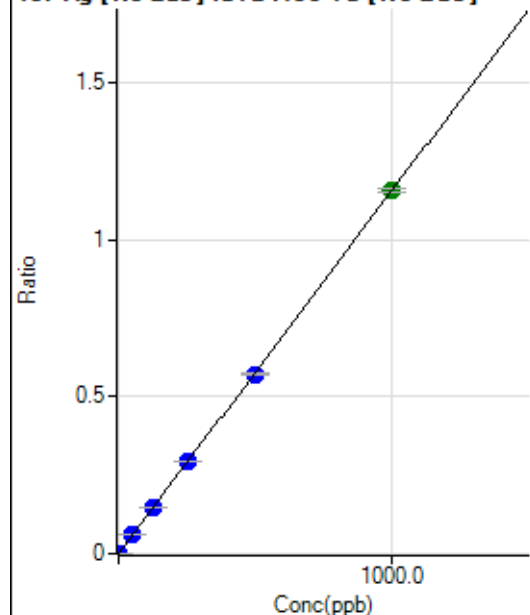
$$DL = 2.614$$

$$BEC = 10.02$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.7
2	☐	0.100					
3	☐	1.000	0.735	2825.41	0.0009	P	1.5
4	☐	50.000	50.762	193478.12	0.0586	P	0.2
5	☐	125.000	127.286	479167.91	0.1469	P	0.5
6	☐	250.000	255.123	960318.28	0.2944	P	0.7
7	☐	500.000	495.204	1892427.45	0.5715	P	0.9
8	☐	1000.000	1000.794	3770948.05	1.1550	A	0.9
9	☐			386.13	0.0001	P	18.4

$$y = 0.0012 * x + 4.1793E-006$$

$$R = 1.0000$$

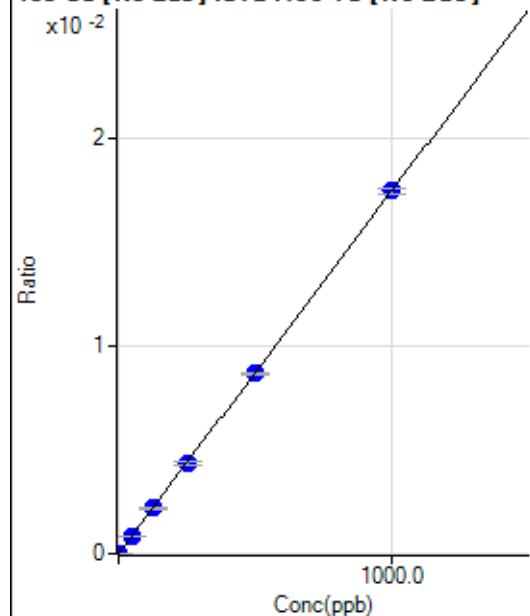
$$DL = 0.003766$$

$$BEC = 0.003621$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	1.057	63.89	0.0000	P	4.1
4	☐	50.000	48.648	2804.51	0.0008	P	1.3
5	☐	125.000	127.023	7228.38	0.0022	P	4.1
6	☐	250.000	248.679	14146.20	0.0043	P	2.7
7	☐	500.000	497.857	28755.78	0.0087	P	0.9
8	☐	1000.000	1001.217	57014.13	0.0175	P	1.5
9	☐			20.83	0.0000	P	60.9

$$y = 1.7440E-005 * x + 8.3419E-007$$

$$R = 1.0000$$

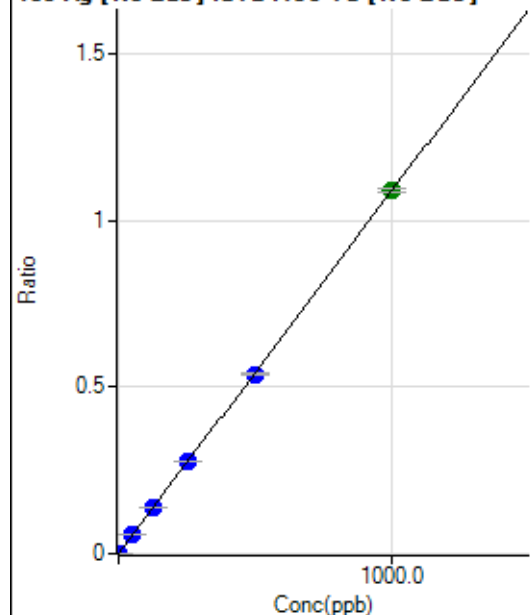
$$DL = 0.1243$$

$$BEC = 0.04783$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	99.8
2	☐	0.100					
3	☐	1.000	0.780	2833.73	0.0009	P	5.5
4	☐	50.000	50.816	182773.20	0.0553	P	0.6
5	☐	125.000	127.527	452997.08	0.1389	P	1.0
6	☐	250.000	255.038	905885.52	0.2777	P	1.1
7	☐	500.000	494.993	1785045.31	0.5391	P	0.8
8	☐	1000.000	1000.888	3558822.00	1.0900	A	0.9
9	☐			344.46	0.0001	P	8.5

$$y = 0.0011 * x + 5.0247E-006$$

$$R = 1.0000$$

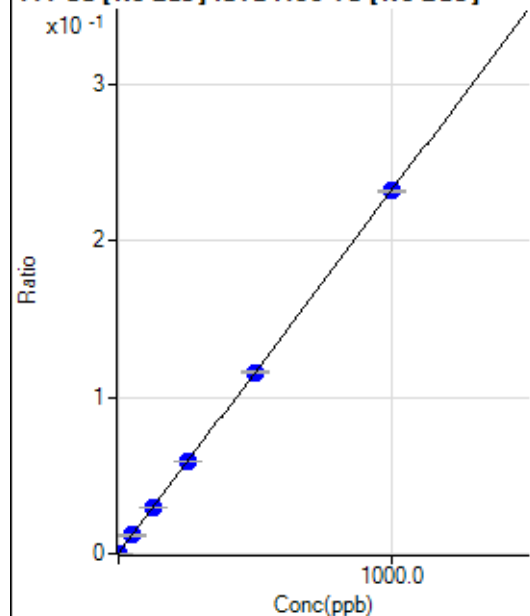
$$DL = 0.01382$$

$$BEC = 0.004614$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	604.21	0.0002	P	8.3
2	☐	0.100					
3	☐	1.000	0.945	1329.25	0.0004	P	3.7
4	☐	50.000	49.735	38689.39	0.0117	P	0.8
5	☐	125.000	126.129	95998.52	0.0294	P	0.9
6	☐	250.000	254.567	193143.05	0.0592	P	1.1
7	☐	500.000	498.904	383731.75	0.1159	P	0.8
8	☐	1000.000	999.278	757255.61	0.2319	P	0.3
9	☐			727.41	0.0002	P	6.5

$$y = 2.3191E-004 * x + 1.8180E-004$$

$$R = 1.0000$$

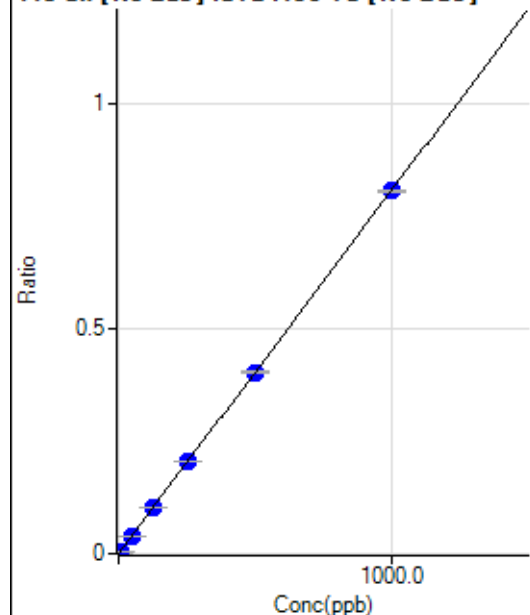
$$DL = 0.1958$$

$$BEC = 0.7839$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186.12	0.0001	P	14.5
2	☐	0.500					
3	☐	5.000	4.660	12653.35	0.0038	P	3.2
4	☐	50.000	49.180	131231.93	0.0397	P	0.4
5	☐	125.000	125.707	331006.33	0.1015	P	1.3
6	☐	250.000	254.147	669017.99	0.2051	P	1.0
7	☐	500.000	499.835	1335677.04	0.4034	P	1.0
8	☐	1000.000	999.000	2632024.10	0.8061	P	0.8
9	☐			3700.64	0.0012	P	6.7

$$y = 8.0688\text{E-}004 * x + 5.6008\text{E-}005$$

$$R = 1.0000$$

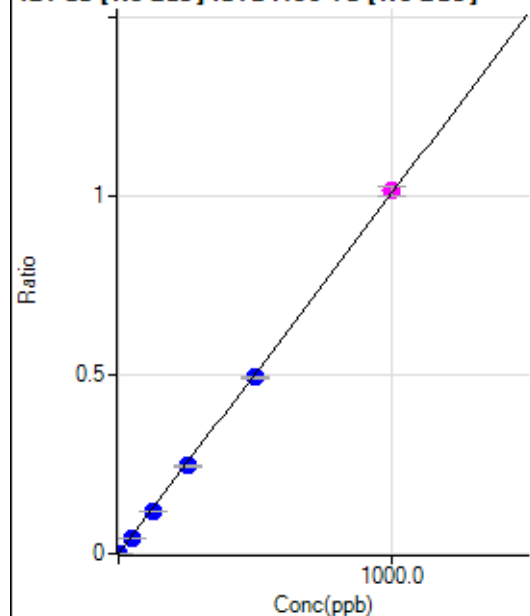
$$DL = 0.03017$$

$$BEC = 0.06941$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	20.7
2	☐	0.200					
3	☐	2.000	1.860	6273.85	0.0019	P	3.2
4	☐	50.000	40.833	135966.80	0.0412	P	0.9
5	☐	125.000	117.138	385077.97	0.1181	P	2.1
6	☐	250.000	243.881	801693.46	0.2458	P	1.3
7	☐	500.000	490.526	1637060.49	0.4944	P	0.8
8	☐	1000.000	1007.708	3315656.89	1.0156	M	2.3
9	☐			13237.24	0.0042	P	3.3

$$y = 0.0010 * x + 1.8385\text{E-}005$$

$$R = 0.9999$$

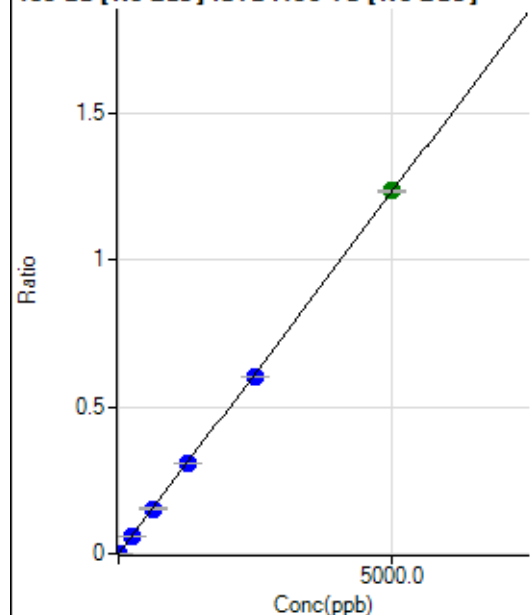
$$DL = 0.01133$$

$$BEC = 0.01824$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.2
2	☐	1.000					
3	☐	10.000	9.354	7644.08	0.0023	P	2.4
4	☐	250.000	246.092	200150.75	0.0606	P	1.3
5	☐	625.000	623.410	500792.99	0.1535	P	0.8
6	☐	1250.000	1251.905	1005620.95	0.3083	P	1.2
7	☐	2500.000	2454.073	2001461.05	0.6044	P	0.5
8	☐	5000.000	5022.883	4039131.30	1.2371	A	0.5
9	☐			1319.56	0.0004	P	1.4

$$y = 2.4629\text{E-}004 * x + 1.6722\text{E-}006$$

$$R = 0.9999$$

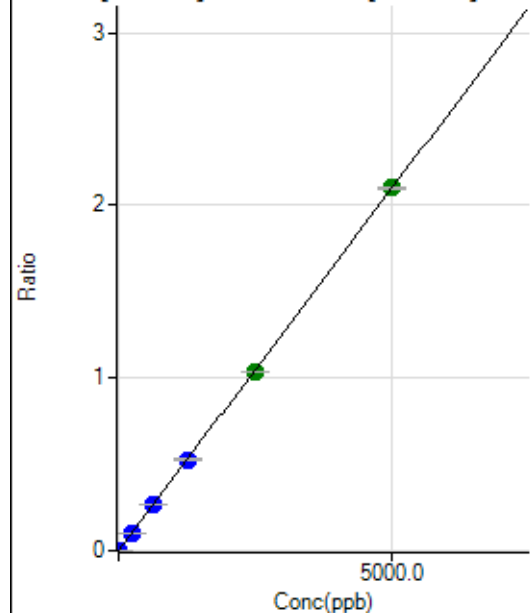
$$DL = 0.03528$$

$$BEC = 0.00679$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	69.8
2	☐	1.000					
3	☐	10.000	9.568	13306.88	0.0040	P	2.2
4	☐	250.000	250.023	346009.47	0.1048	P	0.6
5	☐	625.000	629.736	860732.71	0.2639	P	1.0
6	☐	1250.000	1253.357	1712976.53	0.5252	P	1.5
7	☐	2500.000	2469.048	3426163.66	1.0347	A	0.7
8	☐	5000.000	5014.044	6860405.71	2.1011	A	0.9
9	☐			2105.81	0.0007	P	2.9

$$y = 4.1905\text{E-}004 * x + 4.1877\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02093$$

$$BEC = 0.009993$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			4.45		P	86.6
5	☐			26.67		P	25.0
6	☐			35.56		P	28.6
7	☐			97.78		P	33.6
8	☐			160.01		P	15.0
9	☐			62.22		P	27.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			1.11		P	173.2
6	☐			6.67		P	50.0
7	☐			11.11		P	45.8
8	☐			17.78		P	21.7
9	☐			16.67		P	20.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			11.11		P	86.6
4	☐			25.00		P	33.3
5	☐			22.22		P	57.3
6	☐			38.89		P	12.4
7	☐			30.56		P	87.7
8	☐			61.11		P	41.7
9	☐			72.23		P	24.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			2.22		P	86.6
4	☐			4.44		P	43.4
5	☐			4.44		P	114.6
6	☐			4.45		P	86.6
7	☐			5.56		P	34.7
8	☐			7.78		P	24.7
9	☐			10.00		P	88.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			16.67		P	NaN
4	☐			22.22		P	78.1
5	☐			16.67		P	50.0
6	☐			11.11		P	86.6
7	☐			19.45		P	24.7
8	☐			19.44		P	89.2
9	☐			36.11		P	58.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			2.22		P	86.6
4	☐			5.56		P	91.6
5	☐			6.67		P	50.0
6	☐			5.56		P	34.7
7	☐			11.11		P	17.3
8	☐			14.44		P	13.4
9	☐			16.67		P	40.0

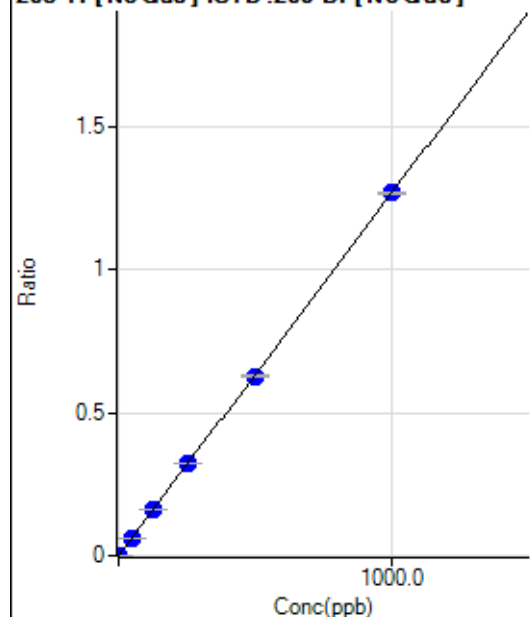
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			30.56		P	56.8
4	☐			13.89		P	91.6
5	☐			13.89		P	34.7
6	☐			25.00		P	66.7
7	☐			13.89		P	91.6
8	☐			27.78		P	62.5
9	☐			41.67		P	20.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			6.67		P	100.0
4	☐			7.78		P	24.7
5	☐			6.67		P	50.0
6	☐			10.00		P	33.3
7	☐			5.55		P	124.9
8	☐			7.78		P	65.5
9	☐			18.89		P	88.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.5
2	☐	0.100					
3	☐	1.000	0.962	2305.86	0.0012	P	5.2
4	☐	50.000	50.025	121094.79	0.0633	P	1.3
5	☐	125.000	126.412	304472.91	0.1599	P	0.8
6	☐	250.000	253.664	608834.22	0.3208	P	0.7
7	☐	500.000	495.197	1199301.49	0.6262	P	1.0
8	☐	1000.000	1001.308	2343220.80	1.2662	P	0.8
9	☐			947.30	0.0006	P	15.3

$$y = 0.0013 * x + 6.1346E-006$$

$$R = 1.0000$$

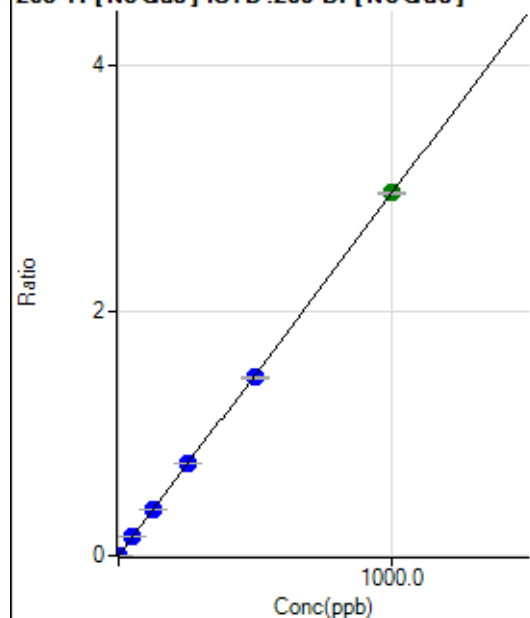
$$DL = 0.006336$$

$$BEC = 0.004851$$

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	55.56	0.0000	P	48.0
2	☐	0.100					
3	☐	1.000	0.989	5568.08	0.0030	P	2.6
4	☐	50.000	50.854	287733.16	0.1503	P	0.6
5	☐	125.000	128.047	720810.53	0.3785	P	1.2
6	☐	250.000	254.794	1429300.32	0.7531	P	0.8
7	☐	500.000	492.784	2789404.21	1.4565	P	0.7
8	☐	1000.000	1001.986	5480286.41	2.9614	A	0.3
9	☐			2411.43	0.0015	P	16.0

$$y = 0.0030 * x + 3.0638E-005$$

$$R = 0.9999$$

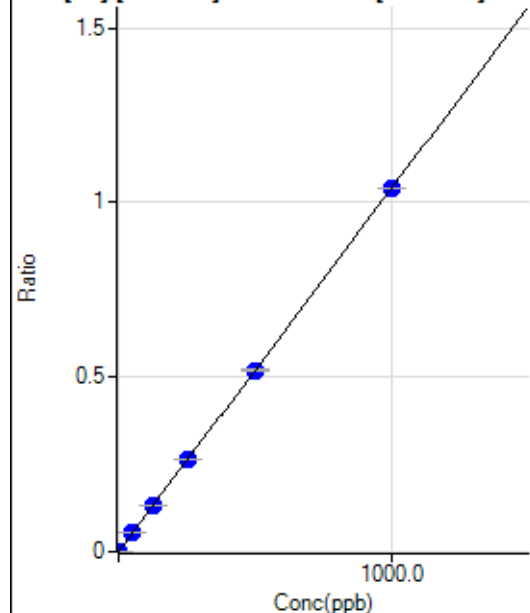
$$DL = 0.01494$$

$$BEC = 0.01037$$

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	218.53	0.0001	P	22.5
2	☐	0.100					
3	☐	1.000	1.006	2200.25	0.0012	P	3.9
4	☐	50.000	50.308	100391.23	0.0525	P	0.3
5	☐	125.000	127.714	253230.02	0.1330	P	1.4
6	☐	250.000	253.049	499801.49	0.2633	P	0.7
7	☐	500.000	500.168	996626.98	0.5204	P	0.6
8	☐	1000.000	998.799	1922823.93	1.0390	P	0.2
9	☐			6546.24	0.0039	P	2.6

$$y = 0.0010 * x + 1.2054E-004$$

$$R = 1.0000$$

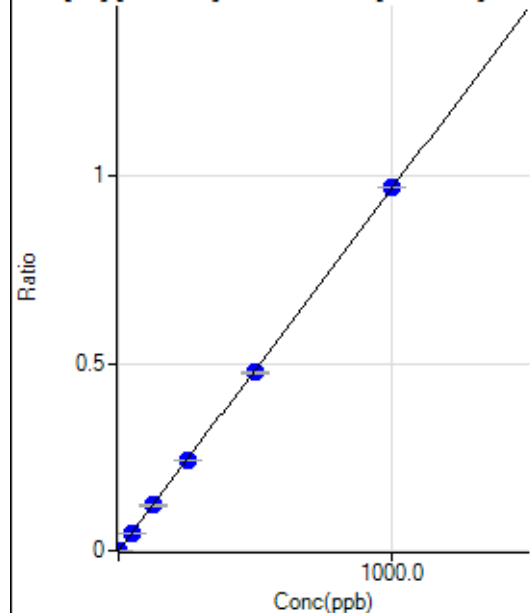
$$DL = 0.07828$$

$$BEC = 0.1159$$

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	172.23	0.0001	P	22.4
2	☐	0.100					
3	☐	1.000	0.971	1944.65	0.0010	P	9.3
4	☐	50.000	49.841	92173.68	0.0482	P	1.3
5	☐	125.000	125.075	229887.49	0.1207	P	1.3
6	☐	250.000	251.132	459819.82	0.2423	P	0.4
7	☐	500.000	492.815	910335.28	0.4753	P	0.8
8	☐	1000.000	1003.308	1790618.66	0.9676	P	0.1
9	☐			5477.20	0.0033	P	3.2

$$y = 9.6433E-004 * x + 9.5017E-005$$

$$R = 1.0000$$

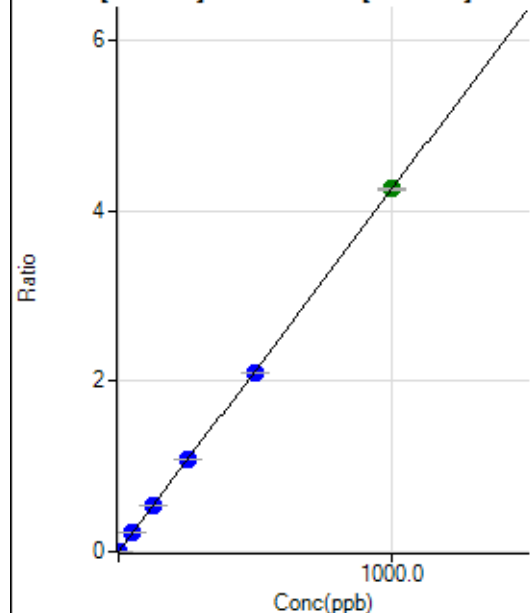
$$DL = 0.06622$$

$$BEC = 0.09853$$

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	785.22	0.0004	P	16.6
2	☐	0.100					
3	☐	1.000	0.981	8677.27	0.0046	P	2.5
4	☐	50.000	50.595	412366.13	0.2154	P	0.4
5	☐	125.000	127.223	1030528.87	0.5411	P	1.0
6	☐	250.000	253.011	2041567.12	1.0757	P	0.3
7	☐	500.000	494.263	4023581.90	2.1009	P	0.7
8	☐	1000.000	1001.808	7879270.40	4.2578	A	0.4
9	☐			25764.19	0.0155	P	0.6

$$y = 0.0042 * x + 4.3314E-004$$

$$R = 1.0000$$

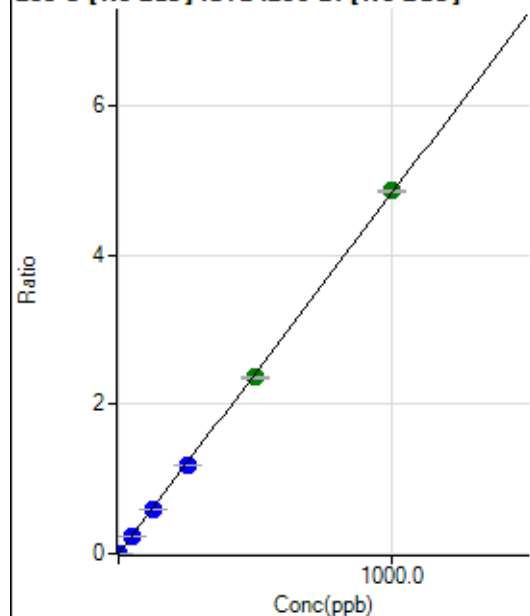
$$DL = 0.05087$$

$$BEC = 0.1019$$

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	25.00	0.0000	P	32.9
2	☐	0.100					
3	☐	1.000	0.999	9103.59	0.0048	P	4.0
4	☐	50.000	49.168	453748.36	0.2371	P	0.7
5	☐	125.000	123.619	1135155.76	0.5960	P	0.7
6	☐	250.000	245.193	2243703.59	1.1822	P	0.5
7	☐	500.000	488.918	4514286.21	2.3572	A	1.6
8	☐	1000.000	1006.957	8984066.43	4.8548	A	0.6
9	☐			683.38	0.0004	P	7.1

$$y = 0.0048 * x + 1.3786E-005$$

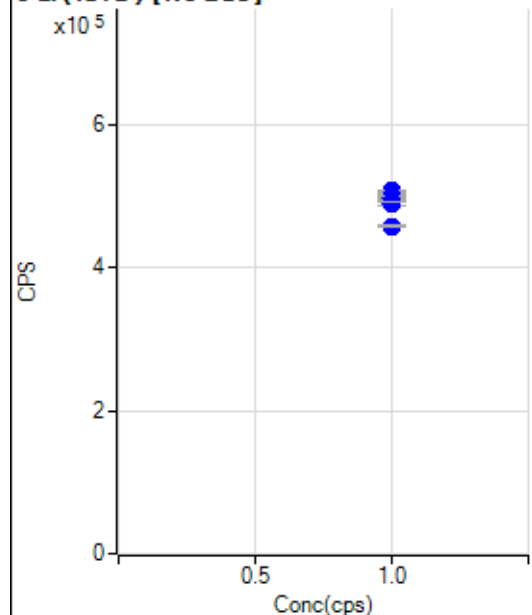
$$R = 0.9999$$

$$DL = 0.002824$$

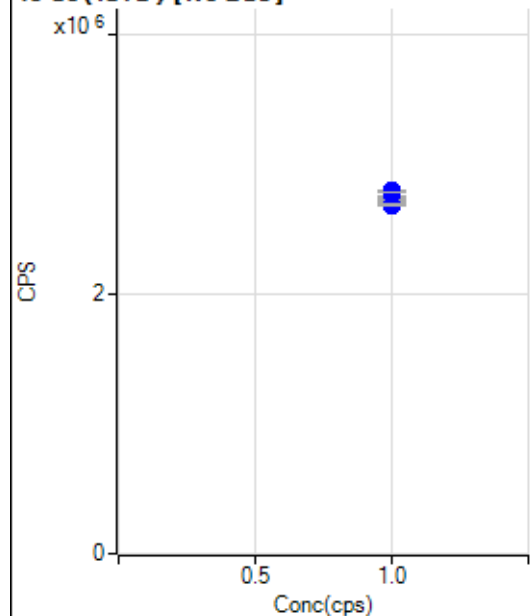
$$BEC = 0.002859$$

Weight: <None>

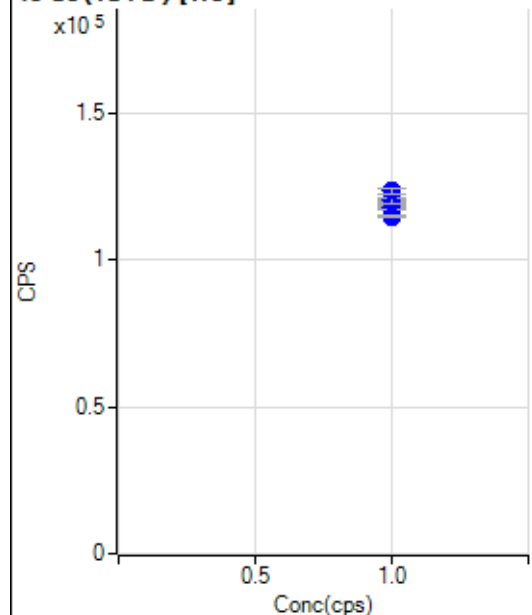
Min Conc: 0

6 Li (ISTD) [No Gas]

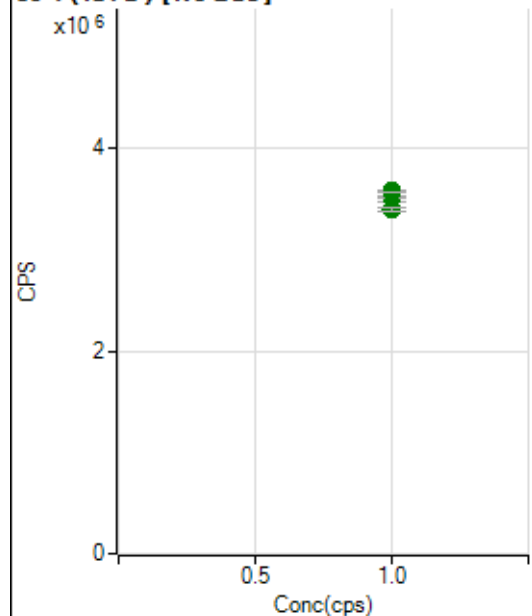
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		489306.50		P	1.1
2	☐	1.000					
3	☐	1.000		503935.43		P	0.6
4	☐	1.000		507230.20		P	0.8
5	☐	1.000		500240.90		P	0.7
6	☐	1.000		497320.44		P	0.4
7	☐	1.000		498120.20		P	1.2
8	☐	1.000		491556.33		P	0.2
9	☐	1.000		458189.62		P	0.4

45 Sc (ISTD) [No Gas]

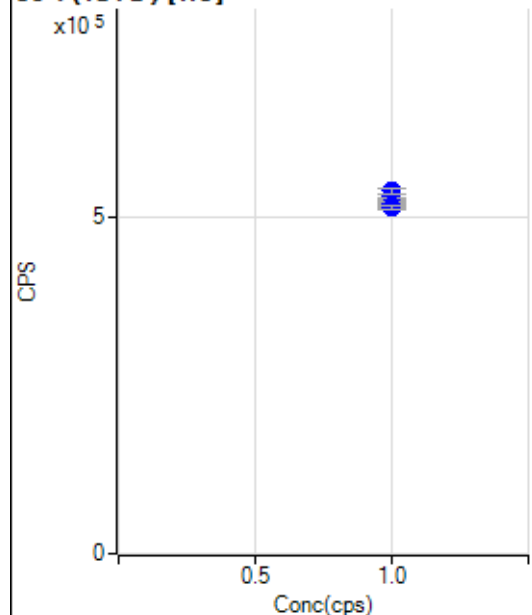
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2688144.89		P	0.5
2	☐	1.000					
3	☐	1.000		2736376.43		P	0.3
4	☐	1.000		2740282.66		P	0.4
5	☐	1.000		2717167.36		P	0.9
6	☐	1.000		2720356.50		P	0.4
7	☐	1.000		2790130.62		P	0.6
8	☐	1.000		2778416.69		P	0.1
9	☐	1.000		2680540.40		P	0.4

45 Sc (ISTD) [He]

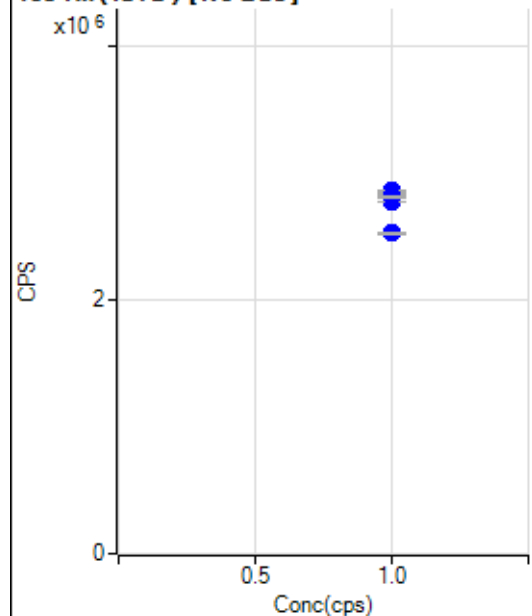
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		117612.81		P	1.1
2	☐	1.000					
3	☐	1.000		119867.55		P	0.7
4	☐	1.000		117653.45		P	0.7
5	☐	1.000		117679.27		P	1.3
6	☐	1.000		119994.19		P	0.8
7	☐	1.000		120116.18		P	1.4
8	☐	1.000		123466.64		P	1.4
9	☐	1.000		114826.04		P	0.9

89 Y (ISTD) [No Gas]

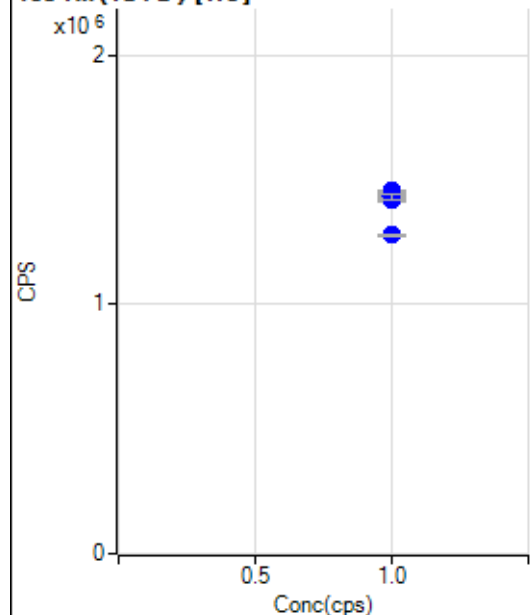
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3580042.10		A	0.1
2	☐	1.000					
3	☐	1.000		3571498.42		A	0.7
4	☐	1.000		3531855.30		A	0.1
5	☐	1.000		3501132.17		A	1.2
6	☐	1.000		3510948.00		A	0.4
7	☐	1.000		3576196.47		A	0.7
8	☐	1.000		3567869.98		A	0.4
9	☐	1.000		3393054.33		A	1.3

89 Y (ISTD) [He]

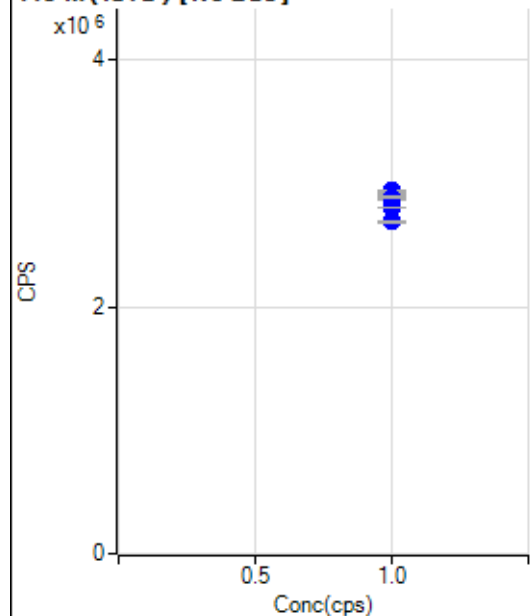
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		512873.03		P	0.8
2	☐	1.000					
3	☐	1.000		524831.84		P	0.2
4	☐	1.000		517596.10		P	0.6
5	☐	1.000		519054.76		P	0.8
6	☐	1.000		523793.16		P	0.5
7	☐	1.000		530211.60		P	1.3
8	☐	1.000		538235.44		P	1.6
9	☐	1.000		513809.35		P	0.9

103 Rh (ISTD) [No Gas]

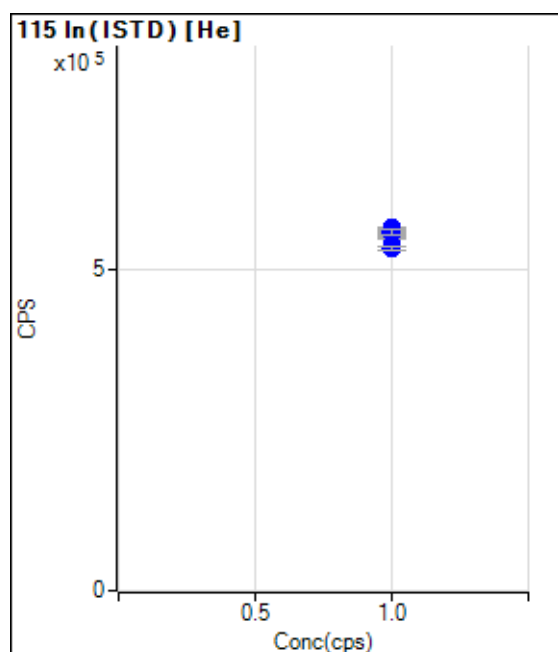
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2764945.98		P	0.2
2	☐	1.000					
3	☐	1.000		2846520.64		P	0.4
4	☐	1.000		2834272.44		P	0.2
5	☐	1.000		2823876.54		P	0.9
6	☐	1.000		2822316.62		P	0.3
7	☐	1.000		2855572.55		P	0.6
8	☐	1.000		2811685.76		P	0.5
9	☐	1.000		2525583.07		P	0.5

103 Rh (ISTD) [He]

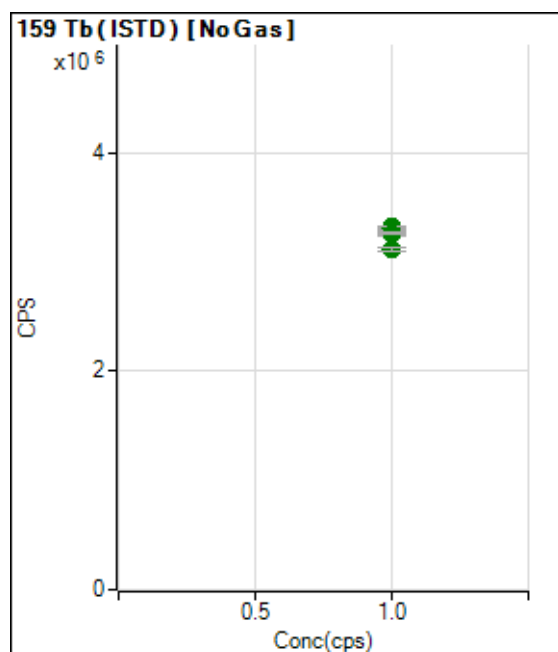
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1421828.68		P	1.0
2	☐	1.000					
3	☐	1.000		1456301.78		P	0.3
4	☐	1.000		1443793.61		P	0.4
5	☐	1.000		1431845.24		P	0.8
6	☐	1.000		1442655.95		P	0.6
7	☐	1.000		1440794.60		P	1.1
8	☐	1.000		1432114.70		P	1.8
9	☐	1.000		1281021.60		P	0.6

115 In (ISTD) [No Gas]

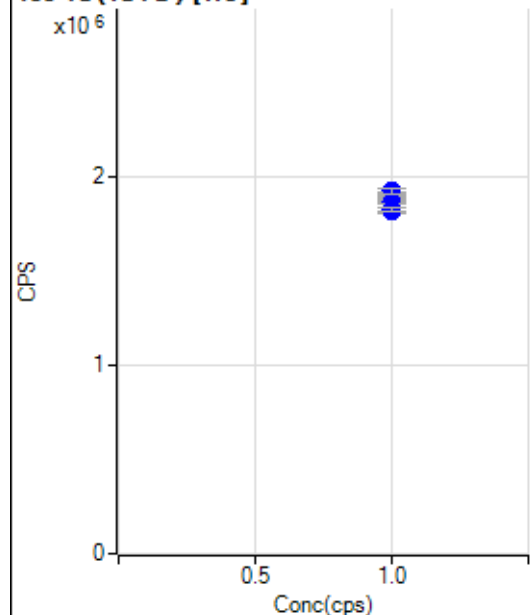
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2799831.65		P	0.1
2	☐	1.000					
3	☐	1.000		2887601.52		P	0.2
4	☐	1.000		2898221.51		P	0.2
5	☐	1.000		2879225.64		P	0.8
6	☐	1.000		2900398.27		P	0.4
7	☐	1.000		2938943.95		P	0.4
8	☐	1.000		2889215.65		P	0.7
9	☐	1.000		2693290.98		P	0.7



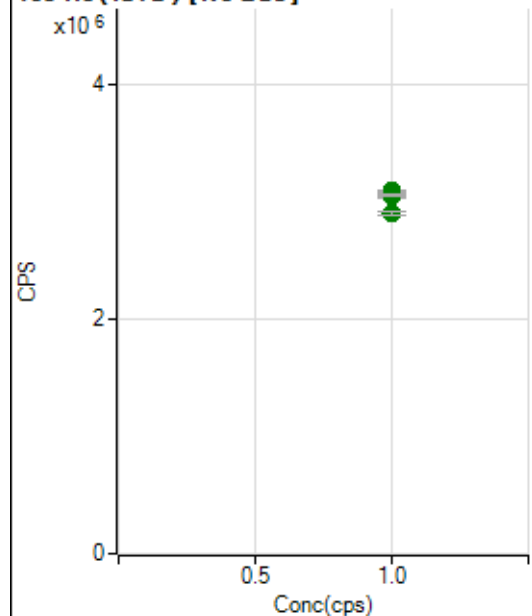
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		547710.91		P	0.4
2	☐	1.000					
3	☐	1.000		563903.06		P	0.2
4	☐	1.000		559428.69		P	0.1
5	☐	1.000		555464.51		P	1.1
6	☐	1.000		557617.56		P	0.4
7	☐	1.000		559227.45		P	1.2
8	☐	1.000		557392.53		P	1.6
9	☐	1.000		532323.28		P	0.8



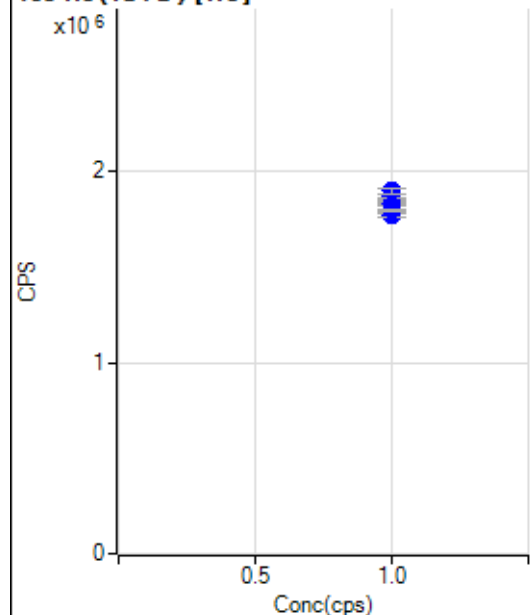
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3323455.37		A	0.6
2	☐	1.000					
3	☐	1.000		3315497.80		A	0.4
4	☐	1.000		3302423.04		A	0.7
5	☐	1.000		3261806.97		A	0.9
6	☐	1.000		3261789.88		A	1.1
7	☐	1.000		3311495.82		A	0.8
8	☐	1.000		3265126.44		A	0.8
9	☐	1.000		3115295.61		A	1.1

159 Tb (ISTD) [He]

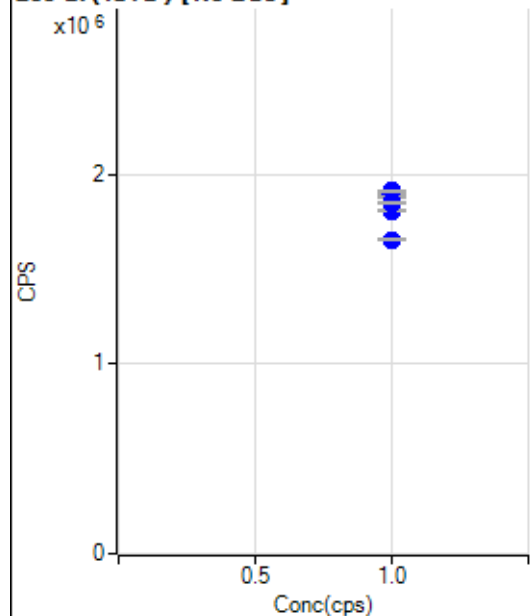
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1815758.12		P	0.6
2	☐	1.000					
3	☐	1.000		1869365.77		P	0.9
4	☐	1.000		1864727.33		P	0.7
5	☐	1.000		1871473.17		P	0.9
6	☐	1.000		1896960.06		P	0.5
7	☐	1.000		1913457.56		P	1.0
8	☐	1.000		1929174.88		P	1.6
9	☐	1.000		1829864.02		P	0.7

165 Ho (ISTD) [No Gas]

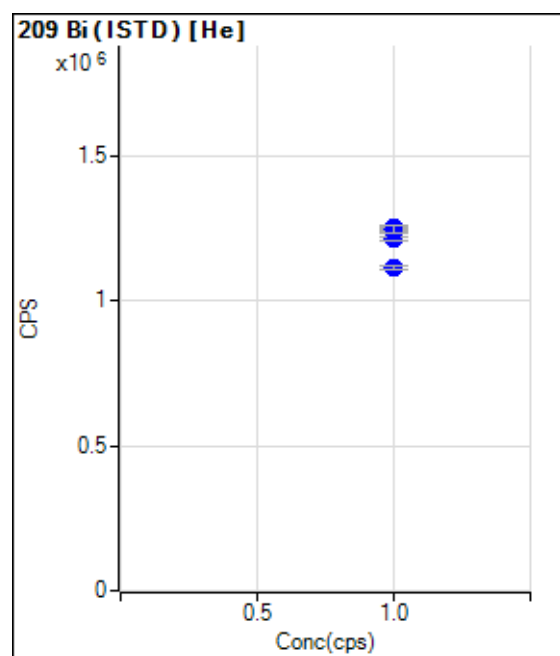
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3088695.84		A	0.6
2	☐	1.000					
3	☐	1.000		3078878.61		A	0.3
4	☐	1.000		3068096.55		A	0.5
5	☐	1.000		3045577.78		A	1.1
6	☐	1.000		3056957.73		A	0.8
7	☐	1.000		3083138.26		A	0.6
8	☐	1.000		3055445.38		A	0.6
9	☐	1.000		2904075.85		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1775698.81		P	0.9
2	☐	1.000					
3	☐	1.000		1826967.33		P	0.9
4	☐	1.000		1835708.90		P	0.6
5	☐	1.000		1835497.42		P	0.8
6	☐	1.000		1858915.22		P	0.5
7	☐	1.000		1875717.96		P	1.0
8	☐	1.000		1900775.01		P	1.5
9	☐	1.000		1799267.58		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1811978.78		P	0.5
2	☐	1.000					
3	☐	1.000		1885545.80		P	0.9
4	☐	1.000		1914018.67		P	0.3
5	☐	1.000		1904709.75		P	1.4
6	☐	1.000		1898012.58		P	0.7
7	☐	1.000		1915245.65		P	0.9
8	☐	1.000		1850558.29		P	0.2
9	☐	1.000		1658503.97		P	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1214260.95		P	0.9
2	☐	1.000					
3	☐	1.000		1250923.44		P	0.6
4	☐	1.000		1246825.85		P	0.9
5	☐	1.000		1238328.48		P	1.0
6	☐	1.000		1251241.15		P	0.5
7	☐	1.000		1248622.31		P	1.4
8	☐	1.000		1245859.92		P	2.0
9	☐	1.000		1111927.68		P	1.1

US EPA Tune Check Sample Report

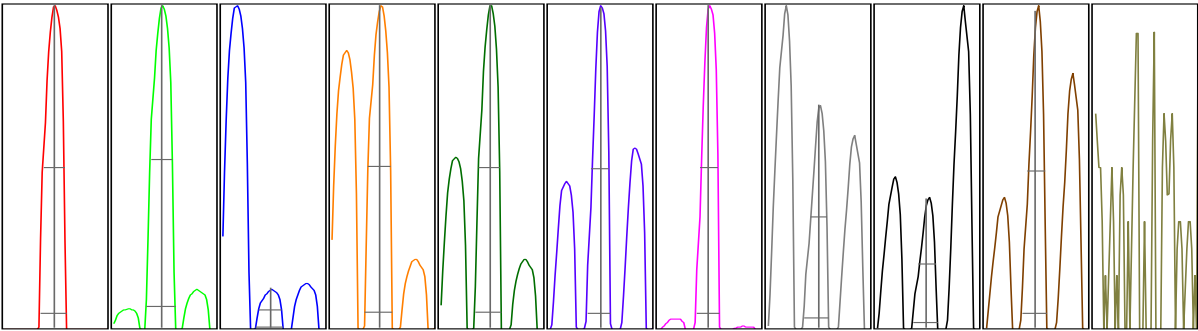
Batch Folder D:\ICP-MS Data\P7022217.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	38374	1.21	5.00	
24	6303238	0.64	5.00	
25	770757	1.55	5.00	
26	884703	1.33	5.00	
59	419589	1.71	5.00	
113	75476	1.88	5.00	
115	1271138	1.94	5.00	
206	95071	2.25	5.00	
207	80962	2.67	5.00	
208	197128	2.31	5.00	
220	2	31.04		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	37625	38314	38541	38516	38871
24	6240919	6303714	6298161	6324918	6348476
25	753730	767451	769654	777025	785924
26	868052	880842	885305	888985	900332
59	409719	415282	420747	424517	427680
113	73470	74862	75480	76432	77134
115	1237095	1256592	1276435	1285779	1299791
206	91890	94124	95705	96209	97428
207	77573	80332	81789	81818	83295
208	190749	195343	197463	198992	203094
220	2	2	2	3	3

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6569	9.00	8.9 - 9.1		0.783	0.900	
24	1032483	23.95	23.9 - 24.1		0.843	0.900	
25	126486	24.95	24.9 - 25.1		0.787	0.900	
26	147003	25.95	25.9 - 26.1		0.786	0.900	
59	73544	59.00	58.9 - 59.1		0.776	0.900	
113	15018	113.05	112.9 - 113.1		0.690	0.900	
115	255290	115.00	114.9 - 115.1		0.688	0.900	
206	20034	206.05	205.9 - 206.1		0.724	0.900	
207	17096	207.00	206.9 - 207.1		0.727	0.900	
208	41693	208.00	207.9 - 208.1		0.732	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.1	V			
Extract 2	-125.0	V	Cell Entrance	-30	V			
Omega Bias	-55	V	Cell Exit	-50	V			
Deflect	13.6	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	160	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	115983	0.31	
89	6991	0.66	
205	93239	0.30	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	115702	115713	116389	115757	116357
89	7043	7034	6981	6936	6962
205	93228	93645	92920	93042	93360

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.3	V			
Extract 2	-155.0	V	Cell Entrance	-40	V			
Omega Bias	-70	V	Cell Exit	-60	V			
Deflect	2.4	V						

Cell Parameters

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

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:00:43	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.07	-0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.05	-0.03	-0.03	0.00	N/A	ppb
Boron	11-1	0.06	-0.10	0.04	0.00	N/A	ppb
Cadmium	106-1	-0.41	-0.59	1.00	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.05	0.02	0.00	N/A	ppb
Cadmium	111-1	-0.04	-0.04	0.08	0.00	N/A	ppb
Calcium	43-1	-2.35	1.15	1.21	0.00	N/A	ppb
Calcium	44-1	0.37	-0.93	0.57	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Iron	57-2	0.09	-0.37	0.27	0.00	N/A	ppb
Lead	206-1	0.01	0.02	-0.03	0.00	N/A	ppb
Lead	207-1	0.02	0.01	-0.03	0.00	N/A	ppb
Lead	208-1	0.00	0.02	-0.02	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.07	-0.24	0.31	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:00:43	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.02	0.00	N/A	ppb
Phosphorus	31-2	4.86	-16.18	-12.28	-7.86		ppb
Potassium	39-2	-3.15	4.32	-1.17	0.00	N/A	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.51	1.02	-0.51	0.00	N/A	ppb
Selenium	78-2	0.12	0.07	-0.19	0.00	N/A	ppb
Selenium	82-1	-0.04	0.85	-0.80	0.00	N/A	ppb
Silicon	28-1	-0.30	-0.09	0.39	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	-0.23	1.59	-1.36	0.00	N/A	ppb
Strontium	86-1	0.04	-0.07	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	73.11	4.49	-124.98	-15.80		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.07	-0.01	-0.06	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.01	-0.06	0.07	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:00:43	DataFile Name :	002CALB.d

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

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:08:33	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.70	27.64	17.95	22.10	22.60	ppb
Antimony	121-1	1.80	1.92	1.85	1.86	3.28	ppb
Arsenic	75-2	0.90	0.84	1.10	0.95	14.30	ppb
Barium	135-1	9.50	9.10	9.47	9.35	2.38	ppb
Barium	137-1	9.33	9.74	9.64	9.57	2.23	ppb
Beryllium	9-1	0.98	0.97	0.86	0.94	6.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.87	26.76	23.69	25.77	7.02	ppb
Boron	11-1	23.06	24.17	24.21	23.81	2.75	ppb
Cadmium	111-1	1.02	0.89	0.93	0.94	6.71	ppb
Cadmium	106-1	0.42	1.75	0.03	0.74	122.39	ppb
Cadmium	108-1	1.03	1.11	1.03	1.06	4.33	ppb
Calcium	43-1	489.28	460.25	483.30	477.61	3.21	ppb
Calcium	44-1	478.64	477.13	471.37	475.71	0.81	ppb
Chromium	52-2	2.00	2.08	1.96	2.01	3.03	ppb
Cobalt	59-2	1.05	1.11	1.03	1.06	4.17	ppb
Copper	63-2	2.06	2.08	2.17	2.10	2.69	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.54	49.74	49.61	49.63	0.21	ppb
Iron	57-2	46.67	47.55	45.90	46.71	1.77	ppb
Lead	206-1	1.03	0.96	1.03	1.01	4.32	ppb
Lead	207-1	0.94	0.89	1.08	0.97	10.22	ppb
Lead	208-1	0.98	0.96	1.01	0.98	2.72	ppb
Lithium	6-1						%
Magnesium	24-2	492.13	499.42	494.94	495.50	0.74	ppb
Manganese	55-2	0.98	0.91	1.05	0.98	6.93	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:08:33	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.02	1.83	2.01	1.95	5.36	ppb
Molybdenum	95-1	4.63	4.69	4.61	4.64	0.95	ppb
Molybdenum	96-1	3.99	4.08	3.92	3.99	1.98	ppb
Molybdenum	97-1	4.57	4.67	4.65	4.63	1.22	ppb
Molybdenum	98-1	4.74	4.80	4.68	4.74	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.14	0.90	0.99	13.25	ppb
Phosphorus	31-2	20.21	-8.58	11.96	7.86	188.52	ppb
Potassium	39-2	481.24	459.09	481.60	473.98	2.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	82-1	6.71	5.28	5.14	5.71	15.19	ppb
Selenium	77-2	5.49	4.00	0.99	3.49	65.71	ppb
Selenium	78-2	4.24	3.00	4.97	4.07	24.46	ppb
Silicon	28-1	4.82	6.15	4.89	5.29	14.12	ppb
Silver	109-1	0.73	0.81	0.80	0.78	5.57	ppb
Silver	107-1	0.72	0.74	0.74	0.73	1.51	ppb
Sodium	23-2	499.17	491.08	497.65	495.96	0.87	ppb
Strontium	86-1	0.91	0.88	1.02	0.94	7.81	ppb
Strontium	88-1	0.89	0.95	0.94	0.93	3.40	ppb
Sulfur	34-1	-132.11	108.42	71.07	15.80	819.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.95	1.02	0.92	0.96	5.22	ppb
Thallium	205-1	0.96	1.01	0.99	0.99	2.61	ppb
Tin	118-1	4.82	4.52	4.64	4.66	3.29	ppb
Titanium	47-1	4.57	4.64	4.48	4.56	1.76	ppb
Uranium	238-1	0.96	1.04	1.00	1.00	3.99	ppb
Vanadium	51-2	4.85	4.74	4.80	4.80	1.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.10	1.95	1.93	1.99	4.75	ppb
Zirconium	90-1	0.69	0.75	0.58	0.67	12.83	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:08:33	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.70	0.58	0.73	0.67	12.33	ppb

LB Number : LB85983 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-22 16:12:26 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	997.40	1009.59	1013.58	1006.86	0.84	ppb
Antimony	121-1	41.26	40.61	40.62	40.83	0.91	ppb
Arsenic	75-2	47.15	48.12	51.01	48.76	4.12	ppb
Barium	135-1	243.15	245.69	249.43	246.09	1.29	ppb
Barium	137-1	248.42	250.70	250.95	250.02	0.56	ppb
Beryllium	9-1	49.45	50.20	49.86	49.84	0.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.52	48.95	48.09	47.52	3.75	ppb
Boron	11-1	46.18	48.25	48.60	47.68	2.75	ppb
Cadmium	106-1	48.90	42.94	53.19	48.34	10.65	ppb
Cadmium	108-1	48.53	48.10	49.31	48.65	1.26	ppb
Cadmium	111-1	49.45	49.57	50.18	49.73	0.78	ppb
Calcium	43-1	4862.26	4818.34	4741.74	4807.45	1.27	ppb
Calcium	44-1	4887.80	4852.03	4841.23	4860.35	0.50	ppb
Chromium	52-2	52.21	52.20	51.74	52.05	0.52	ppb
Cobalt	59-2	52.54	53.26	52.79	52.87	0.69	ppb
Copper	63-2	108.78	108.05	108.69	108.51	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	2524.23	2500.82	2513.10	2512.72	0.47	ppb
Iron	57-2	2471.15	2436.43	2450.06	2452.55	0.71	ppb
Lead	206-1	50.32	50.46	50.15	50.31	0.31	ppb
Lead	207-1	49.40	49.54	50.58	49.84	1.28	ppb
Lead	208-1	50.44	50.54	50.81	50.59	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	5064.10	5070.17	5107.12	5080.46	0.46	ppb
Manganese	55-2	105.39	103.28	102.89	103.85	1.30	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:12:26	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	50.52	49.73	48.83	49.69	1.71	ppb
Molybdenum	95-1	50.37	48.30	49.09	49.25	2.12	ppb
Molybdenum	96-1	49.00	48.78	48.41	48.73	0.61	ppb
Molybdenum	97-1	49.41	48.41	49.24	49.02	1.10	ppb
Molybdenum	98-1	49.58	49.53	49.22	49.45	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.72	52.37	52.45	52.52	0.35	ppb
Phosphorus	31-2	916.99	1028.91	978.46	974.79	5.75	ppb
Potassium	39-2	2451.97	2495.56	2460.49	2469.34	0.94	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	46.64	42.35	44.90	44.63	4.83	ppb
Selenium	78-2	50.84	65.18	50.08	55.36	15.36	ppb
Selenium	82-1	50.48	46.67	49.46	48.87	4.04	ppb
Silicon	28-1	52.70	51.56	50.01	51.42	2.62	ppb
Silver	107-1	50.87	50.75	50.67	50.76	0.20	ppb
Silver	109-1	50.62	51.14	50.68	50.82	0.56	ppb
Sodium	23-2	5125.38	5161.12	5141.23	5142.58	0.35	ppb
Strontium	86-1	48.89	48.60	48.91	48.80	0.36	ppb
Strontium	88-1	50.43	50.14	49.74	50.10	0.70	ppb
Sulfur	34-1	858.10	659.31	784.62	767.34	13.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	50.75	49.87	49.45	50.03	1.32	ppb
Thallium	205-1	50.60	50.74	51.22	50.85	0.64	ppb
Tin	118-1	48.96	49.25	49.33	49.18	0.40	ppb
Titanium	47-1	48.37	49.28	49.06	48.90	0.97	ppb
Uranium	238-1	49.01	48.93	49.57	49.17	0.71	ppb
Vanadium	51-2	50.66	51.31	50.85	50.94	0.66	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	106.48	105.74	106.86	106.36	0.54	ppb
Zirconium	90-1	49.35	48.39	48.43	48.72	1.11	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:12:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.72	49.36	48.62	48.57	1.69	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:16:20	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2571.21	2496.47	2540.95	2536.21	1.48	ppb
Antimony	121-1	119.22	117.84	114.36	117.14	2.14	ppb
Arsenic	75-2	122.95	122.56	123.78	123.10	0.51	ppb
Barium	135-1	628.23	624.03	617.96	623.41	0.83	ppb
Barium	137-1	636.88	627.90	624.44	629.74	1.02	ppb
Beryllium	9-1	126.07	125.54	126.27	125.96	0.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	113.35	124.51	121.57	119.81	4.83	ppb
Boron	11-1	119.76	123.15	122.80	121.90	1.53	ppb
Cadmium	106-1	119.68	121.58	125.88	122.38	2.60	ppb
Cadmium	108-1	131.45	121.20	128.42	127.02	4.15	ppb
Cadmium	111-1	126.91	126.65	124.83	126.13	0.90	ppb
Calcium	43-1	12186.51	12184.63	12140.57	12170.57	0.21	ppb
Calcium	44-1	12113.01	12042.30	11879.01	12011.44	1.00	ppb
Chromium	52-2	130.77	129.32	128.80	129.63	0.79	ppb
Cobalt	59-2	132.36	131.36	132.03	131.92	0.39	ppb
Copper	63-2	271.48	268.05	268.54	269.35	0.69	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	6106.92	6056.34	6015.63	6059.63	0.75	ppb
Iron	57-2	6128.92	6100.77	6028.79	6086.16	0.85	ppb
Lead	206-1	129.75	126.48	126.92	127.71	1.39	ppb
Lead	207-1	126.90	124.70	123.61	125.07	1.34	ppb
Lead	208-1	128.70	126.56	126.40	127.22	1.01	ppb
Lithium	6-1						%
Magnesium	24-2	12747.35	12544.16	12449.15	12580.22	1.21	ppb
Manganese	55-2	260.33	256.24	259.05	258.54	0.81	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:16:20	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	127.49	126.17	125.20	126.29	0.91	ppb
Molybdenum	95-1	126.75	124.17	124.12	125.01	1.20	ppb
Molybdenum	96-1	127.85	124.09	122.86	124.93	2.08	ppb
Molybdenum	97-1	124.44	122.56	120.18	122.39	1.75	ppb
Molybdenum	98-1	129.86	125.30	123.46	126.21	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.76	132.51	129.52	131.26	1.19	ppb
Phosphorus	31-2	2608.80	2402.50	2561.18	2524.16	4.28	ppb
Potassium	39-2	6248.66	6196.32	6215.66	6220.21	0.43	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	141.83	111.61	118.55	123.99	12.76	ppb
Selenium	78-2	125.69	120.11	130.46	125.42	4.13	ppb
Selenium	82-1	126.45	123.06	120.50	123.34	2.42	ppb
Silicon	28-1	128.95	127.89	123.28	126.71	2.38	ppb
Silver	107-1	126.98	126.88	128.00	127.29	0.49	ppb
Silver	109-1	129.06	126.73	126.78	127.53	1.04	ppb
Sodium	23-2	12940.48	12700.00	12604.00	12748.16	1.36	ppb
Strontium	86-1	126.18	124.53	123.05	124.58	1.25	ppb
Strontium	88-1	125.22	124.40	123.14	124.25	0.84	ppb
Sulfur	34-1	2108.72	2081.40	1908.77	2032.96	5.33	ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	127.62	125.86	125.76	126.41	0.82	ppb
Thallium	205-1	129.80	127.56	126.78	128.05	1.22	ppb
Tin	118-1	127.07	126.17	123.88	125.71	1.31	ppb
Titanium	47-1	123.00	124.65	122.94	123.53	0.78	ppb
Uranium	238-1	124.68	122.95	123.23	123.62	0.75	ppb
Vanadium	51-2	127.81	127.70	126.13	127.21	0.74	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	262.13	261.41	264.00	262.51	0.51	ppb
Zirconium	90-1	126.61	125.56	125.05	125.74	0.63	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:16:20	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	128.18	126.66	124.76	126.53	1.35	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:20:12	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4907.69	4885.00	5013.59	4935.43	1.39	ppb
Antimony	121-1	247.53	241.50	242.62	243.88	1.31	ppb
Arsenic	75-2	247.68	248.11	246.92	247.57	0.24	ppb
Barium	135-1	1269.71	1242.67	1243.33	1251.91	1.23	ppb
Barium	137-1	1274.07	1250.44	1235.56	1253.36	1.55	ppb
Beryllium	9-1	249.47	254.17	252.69	252.11	0.95	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	248.15	246.38	252.62	249.05	1.29	ppb
Boron	11-1	242.45	242.95	250.50	245.30	1.84	ppb
Cadmium	111-1	257.65	253.70	252.35	254.57	1.08	ppb
Cadmium	106-1	258.19	259.17	249.55	255.64	2.07	ppb
Cadmium	108-1	256.23	246.55	243.26	248.68	2.71	ppb
Calcium	43-1	24725.32	24696.31	24398.77	24606.80	0.73	ppb
Calcium	44-1	24294.64	24248.85	24082.43	24208.64	0.46	ppb
Chromium	52-2	254.86	252.37	258.21	255.15	1.15	ppb
Cobalt	59-2	258.68	257.40	260.24	258.78	0.55	ppb
Copper	63-2	527.00	521.93	533.21	527.38	1.07	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	11888.45	11796.48	12006.07	11897.00	0.88	ppb
Iron	57-2	12070.79	11861.47	12031.66	11987.97	0.93	ppb
Lead	206-1	253.96	254.11	251.07	253.05	0.68	ppb
Lead	207-1	252.07	251.34	249.98	251.13	0.42	ppb
Lead	208-1	253.64	253.35	252.04	253.01	0.34	ppb
Lithium	6-1						%
Magnesium	24-2	24304.61	23960.43	24431.70	24232.25	1.01	ppb
Manganese	55-2	512.10	506.94	514.89	511.31	0.79	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:20:12	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	252.82	251.62	253.00	252.48	0.30	ppb
Molybdenum	95-1	255.85	254.15	251.58	253.86	0.85	ppb
Molybdenum	96-1	255.19	252.83	253.37	253.80	0.49	ppb
Molybdenum	97-1	250.13	250.65	249.76	250.18	0.18	ppb
Molybdenum	98-1	256.59	255.26	253.25	255.03	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.80	252.67	260.59	256.35	1.56	ppb
Phosphorus	31-2	5110.39	4959.17	5166.30	5078.62	2.11	ppb
Potassium	39-2	12172.79	12071.63	12357.81	12200.74	1.19	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	248.92	257.58	236.37	247.62	4.31	ppb
Selenium	78-2	245.67	243.32	255.32	248.10	2.56	ppb
Selenium	82-1	254.29	247.39	252.06	251.25	1.40	ppb
Silicon	28-1	255.95	254.62	254.24	254.94	0.35	ppb
Silver	109-1	257.88	254.73	252.50	255.04	1.06	ppb
Silver	107-1	256.97	254.78	253.62	255.12	0.67	ppb
Sodium	23-2	24882.22	24440.00	25165.19	24829.14	1.47	ppb
Strontium	86-1	251.19	249.09	250.12	250.14	0.42	ppb
Strontium	88-1	245.26	246.82	243.99	245.36	0.58	ppb
Sulfur	34-1	4729.59	4638.13	4365.09	4577.60	4.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	255.25	253.81	251.93	253.66	0.66	ppb
Thallium	205-1	256.43	255.53	252.41	254.79	0.83	ppb
Tin	118-1	257.16	252.78	252.50	254.15	1.03	ppb
Titanium	47-1	254.39	253.45	251.79	253.21	0.52	ppb
Uranium	238-1	245.87	245.81	243.90	245.19	0.46	ppb
Vanadium	51-2	252.59	247.84	253.56	251.33	1.22	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	513.65	511.02	522.15	515.61	1.13	ppb
Zirconium	90-1	252.06	249.46	250.18	250.57	0.53	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:20:12	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	255.33	253.16	255.18	254.56	0.48	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:24:02	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9695.21	10005.12	9763.78	9821.37	1.66	ppb
Antimony	121-1	494.68	486.68	490.21	490.53	0.82	ppb
Arsenic	75-2	497.11	503.71	496.84	499.22	0.78	ppb
Barium	135-1	2458.89	2439.99	2463.33	2454.07	0.51	ppb
Barium	137-1	2489.64	2455.57	2461.93	2469.05	0.73	ppb
Beryllium	9-1	507.09	498.20	493.27	499.52	1.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	494.88	497.04	484.90	492.27	1.32	ppb
Boron	11-1	484.87	494.27	497.89	492.34	1.36	ppb
Cadmium	106-1	491.61	483.95	500.83	492.13	1.72	ppb
Cadmium	108-1	494.51	496.39	502.67	497.86	0.86	ppb
Cadmium	111-1	502.02	494.55	500.15	498.90	0.78	ppb
Calcium	43-1	48575.34	48268.22	48261.09	48368.22	0.37	ppb
Calcium	44-1	47553.25	47639.16	47465.16	47552.52	0.18	ppb
Chromium	52-2	498.15	518.17	507.33	507.88	1.97	ppb
Cobalt	59-2	506.83	526.90	513.90	515.88	1.97	ppb
Copper	63-2	1019.13	1053.73	1036.03	1036.30	1.67	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	23294.26	24096.83	23464.23	23618.44	1.79	ppb
Iron	57-2	23684.02	24685.78	24015.37	24128.39	2.12	ppb
Lead	206-1	503.17	500.39	496.94	500.17	0.62	ppb
Lead	207-1	497.53	489.73	491.19	492.82	0.84	ppb
Lead	208-1	498.42	492.07	492.30	494.26	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	48468.30	49755.92	48573.12	48932.45	1.46	ppb
Manganese	55-2	1002.47	1036.56	1017.11	1018.71	1.68	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:24:02	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	502.60	503.47	495.36	500.47	0.89	ppb
Molybdenum	94-1	497.44	499.15	494.21	496.93	0.50	ppb
Molybdenum	95-1	504.86	505.97	497.11	502.65	0.96	ppb
Molybdenum	96-1	500.53	504.09	494.10	499.57	1.01	ppb
Molybdenum	97-1	497.21	499.04	490.85	495.70	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.61	518.91	507.27	509.59	1.65	ppb
Phosphorus	31-2	9765.98	9941.82	10043.32	9917.04	1.41	ppb
Potassium	39-2	24033.71	24653.34	24318.72	24335.26	1.27	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	466.01	468.42	546.06	493.49	9.23	ppb
Selenium	78-2	507.71	516.87	490.48	505.02	2.65	ppb
Selenium	82-1	499.33	500.14	491.03	496.84	1.02	ppb
Silicon	28-1	515.09	515.39	513.45	514.64	0.20	ppb
Silver	107-1	498.06	490.05	497.50	495.20	0.90	ppb
Silver	109-1	499.15	491.14	494.69	494.99	0.81	ppb
Sodium	23-2	49110.37	50387.16	49236.01	49577.85	1.42	ppb
Strontium	86-1	498.80	499.39	492.91	497.04	0.72	ppb
Strontium	88-1	492.39	499.31	489.75	493.82	1.00	ppb
Sulfur	34-1	9531.19	9664.40	9299.73	9498.44	1.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	501.20	492.21	492.18	495.20	1.05	ppb
Thallium	205-1	494.59	494.71	489.05	492.78	0.66	ppb
Tin	118-1	504.51	494.94	500.06	499.84	0.96	ppb
Titanium	47-1	492.19	494.05	492.29	492.84	0.21	ppb
Uranium	238-1	494.66	491.90	480.19	488.92	1.57	ppb
Vanadium	51-2	497.70	514.29	503.35	505.11	1.67	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1009.60	1038.50	1021.54	1023.21	1.42	ppb
Zirconium	90-1	483.31	498.20	480.54	487.35	1.95	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:24:02	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.34	498.58	499.66	500.20	0.39	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:27:48	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19493.43	19277.83	18999.06	19256.77	1.29	ppb
Antimony	121-1	1028.78	982.11	1012.24	1007.71	2.35	ppb
Arsenic	75-2	1001.65	1014.43	987.82	1001.30	1.33	ppb
Barium	135-1	5048.87	5006.02	5013.76	5022.88	0.45	ppb
Barium	137-1	5061.84	5005.16	4975.13	5014.04	0.88	ppb
Beryllium	9-1	994.43	999.19	1005.18	999.60	0.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	992.86	991.48	1030.22	1004.86	2.19	ppb
Boron	11-1	984.87	1005.12	1026.62	1005.54	2.08	ppb
Cadmium	106-1	1010.23	997.38	1001.21	1002.94	0.66	ppb
Cadmium	108-1	1018.52	996.10	989.03	1001.22	1.54	ppb
Cadmium	111-1	1000.12	996.44	1001.27	999.28	0.25	ppb
Calcium	43-1	97382.21	97678.05	97288.42	97449.56	0.21	ppb
Calcium	44-1	97181.56	96892.61	96177.79	96750.65	0.53	ppb
Chromium	52-2	1004.11	996.25	981.92	994.09	1.13	ppb
Cobalt	59-2	998.54	989.88	978.16	988.86	1.03	ppb
Copper	63-2	1985.62	1975.49	1955.38	1972.16	0.78	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	46656.75	46458.98	45667.93	46261.22	1.13	ppb
Iron	57-2	46955.85	46938.09	46192.74	46695.56	0.93	ppb
Lead	207-1	1003.64	1003.60	1002.68	1003.31	0.05	ppb
Lead	208-1	1006.57	1000.92	997.94	1001.81	0.44	ppb
Lead	206-1	997.01	999.93	999.45	998.80	0.16	ppb
Lithium	6-1						%
Magnesium	24-2	97549.90	96047.11	94855.17	96150.73	1.40	ppb
Manganese	55-2	2003.65	1985.15	1970.87	1986.56	0.83	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:27:48	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1006.11	1003.52	992.73	1000.78	0.71	ppb
Molybdenum	95-1	1002.56	996.32	994.37	997.75	0.43	ppb
Molybdenum	96-1	1000.76	1000.09	997.18	999.34	0.19	ppb
Molybdenum	97-1	1009.44	999.00	999.00	1002.48	0.60	ppb
Molybdenum	98-1	1004.33	993.87	996.95	998.38	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1003.36	992.66	982.10	992.71	1.07	ppb
Phosphorus	31-2	20350.64	19869.02	19840.53	20020.07	1.43	ppb
Potassium	39-2	48434.31	48024.57	47136.91	47865.26	1.39	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	77-2	997.87	988.02	1026.85	1004.25	2.01	ppb
Selenium	78-2	1030.83	993.12	969.00	997.65	3.12	ppb
Selenium	82-1	1003.26	1000.64	1000.69	1001.53	0.15	ppb
Silicon	28-1	991.80	993.75	988.07	991.21	0.29	ppb
Silver	109-1	1008.96	990.61	1003.09	1000.89	0.94	ppb
Silver	107-1	1006.38	990.11	1005.89	1000.79	0.93	ppb
Sodium	23-2	98189.46	97778.01	97074.90	97680.79	0.58	ppb
Strontium	86-1	1005.20	1006.96	992.52	1001.56	0.79	ppb
Strontium	88-1	1010.89	1010.32	991.81	1004.34	1.08	ppb
Sulfur	34-1	20503.28	20528.50	20247.40	20426.39	0.76	ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	1006.38	1005.20	992.35	1001.31	0.78	ppb
Thallium	205-1	999.08	1005.86	1001.02	1001.99	0.35	ppb
Tin	118-1	1002.10	990.06	1004.85	999.00	0.79	ppb
Titanium	47-1	1005.42	999.03	1004.60	1003.02	0.35	ppb
Uranium	238-1	1013.11	1007.48	1000.28	1006.96	0.64	ppb
Vanadium	51-2	1004.76	999.10	986.51	996.79	0.94	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1988.34	1992.94	1966.56	1982.61	0.71	ppb
Zirconium	90-1	1006.43	1008.17	1003.87	1006.15	0.21	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:27:48	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1001.32	996.62	997.99	998.64	0.24	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:31:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100108.11	101006.57	99391.61	100168.76	0.81	ppb
Antimony	121-1	4.06	4.20	4.33	4.20	3.28	ppb
Arsenic	75-2	1.46	1.14	1.79	1.46	22.14	ppb
Barium	135-1	1.73	1.69	1.72	1.71	1.43	ppb
Barium	137-1	1.65	1.60	1.56	1.60	2.93	ppb
Beryllium	9-1	0.30	0.25	0.20	0.25	19.03	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	43.27	37.90	29.60	36.92	18.65	ppb
Boron	11-1	40.24	36.76	32.05	36.35	11.31	ppb
Cadmium	106-1	0.22	1.54	-0.58	0.39	273.23	ppb
Cadmium	108-1	0.57	0.33	0.10	0.34	69.60	ppb
Cadmium	111-1	0.17	0.30	0.20	0.22	29.26	ppb
Calcium	43-1	504744.55	495287.75	502077.03	500703.11	0.97	ppb
Calcium	44-1	503630.94	497516.71	501695.81	500947.82	0.62	ppb
Chromium	52-2	7.68	7.02	7.39	7.36	4.47	ppb
Cobalt	59-2	0.69	0.73	0.74	0.72	4.16	ppb
Copper	63-2	3.13	3.06	3.07	3.09	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	251308.44	252135.32	249318.33	250920.69	0.58	ppb
Iron	57-2	251701.70	251420.81	249212.15	250778.22	0.54	ppb
Lead	206-1	3.58	3.78	3.68	3.68	2.73	ppb
Lead	207-1	3.41	3.20	3.37	3.33	3.34	ppb
Lead	208-1	3.58	3.55	3.53	3.55	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	502576.44	501959.16	498200.97	500912.19	0.47	ppb
Manganese	55-2	7.23	7.33	7.10	7.22	1.57	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:31:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.11	1.30	1.54	1.32	16.26	ppb
Molybdenum	95-1	3.19	3.70	3.98	3.62	11.02	ppb
Molybdenum	96-1	3.63	4.11	4.47	4.07	10.34	ppb
Molybdenum	97-1	3.18	3.79	4.37	3.78	15.73	ppb
Molybdenum	98-1	3.29	3.47	4.17	3.64	12.76	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	4.14	4.33	4.13	4.20	2.67	ppb
Phosphorus	31-2	-11.38	-11.52	0.82	-7.36		ppb
Potassium	39-2	249586.50	251539.13	250402.83	250509.49	0.39	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	2.76	2.69	2.15	2.53	13.07	ppb
Selenium	77-2	-0.51	1.02	-0.51	0.00	138103.32	ppb
Selenium	78-2	0.62	1.35	1.05	1.01	36.24	ppb
Silicon	28-1	21.11	20.85	21.16	21.04	0.78	ppb
Silver	107-1	0.08	0.12	0.11	0.10	19.00	ppb
Silver	109-1	0.10	0.09	0.11	0.10	8.95	ppb
Sodium	23-2	502777.67	500598.51	498144.74	500506.97	0.46	ppb
Strontium	86-1	30.77	29.75	30.00	30.17	1.77	ppb
Strontium	88-1	31.19	29.68	30.37	30.41	2.48	ppb
Sulfur	34-1	-347.14	-250.69	-224.23	-274.02		ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	0.44	0.52	0.38	0.45	15.49	ppb
Thallium	205-1	0.57	0.43	0.44	0.48	16.31	ppb
Tin	118-1	1.29	1.45	1.46	1.40	7.07	ppb
Titanium	47-1	0.90	0.89	0.51	0.77	29.16	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	7.34	ppb
Vanadium	51-2	0.20	0.19	0.19	0.19	2.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	19.08	17.62	18.54	18.41	4.01	ppb
Zirconium	90-1	0.26	0.26	0.31	0.27	9.70	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:31:29	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.26	0.30	0.27	11.23	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:35:17	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	505.06	501.15	502.05	502.75	0.41	ppb
Antimony	121-1	189.48	189.40	189.84	189.57	0.12	ppb
Arsenic	75-2	199.60	189.96	190.77	193.44	2.76	ppb
Barium	135-1	101.75	100.11	101.59	101.15	0.89	ppb
Barium	137-1	102.45	101.74	104.17	102.79	1.22	ppb
Beryllium	9-1	96.94	94.68	95.42	95.68	1.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	579.67	575.99	569.31	574.99	0.91	ppb
Boron	11-1	575.37	576.64	580.82	577.61	0.49	ppb
Cadmium	111-1	103.75	105.44	106.08	105.09	1.14	ppb
Cadmium	106-1	173.76	182.24	174.68	176.90	2.63	ppb
Cadmium	108-1	150.95	146.58	149.86	149.13	1.52	ppb
Calcium	43-1	2178.72	2216.80	2119.66	2171.73	2.25	ppb
Calcium	44-1	2088.52	2097.86	2085.39	2090.59	0.31	ppb
Chromium	52-2	98.36	95.65	94.38	96.13	2.12	ppb
Cobalt	59-2	102.64	100.74	99.57	100.98	1.54	ppb
Copper	63-2	105.11	102.97	102.89	103.66	1.21	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	1004.09	991.03	982.74	992.62	1.08	ppb
Iron	57-2	970.84	943.44	920.86	945.05	2.65	ppb
Lead	206-1	199.62	199.85	202.49	200.66	0.80	ppb
Lead	207-1	189.58	190.51	192.04	190.71	0.65	ppb
Lead	208-1	195.24	196.00	197.41	196.22	0.56	ppb
Lithium	6-1						%
Magnesium	24-2	1207.15	1183.22	1177.97	1189.45	1.31	ppb
Manganese	55-2	101.78	99.11	97.64	99.51	2.11	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:35:17	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	520.78	517.62	522.71	520.37	0.49	ppb
Molybdenum	95-1	529.49	525.38	523.76	526.21	0.56	ppb
Molybdenum	96-1	528.79	522.49	522.67	524.65	0.68	ppb
Molybdenum	97-1	526.06	516.84	520.07	520.99	0.90	ppb
Molybdenum	98-1	529.20	520.11	521.40	523.57	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.33	100.72	100.74	101.26	0.92	ppb
Phosphorus	31-2	-12.62	-5.20	-5.40	-7.74		ppb
Potassium	39-2	1973.40	1937.61	1922.29	1944.43	1.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	82-1	205.41	199.58	201.36	202.12	1.48	ppb
Selenium	77-2	203.12	188.40	180.67	190.73	5.98	ppb
Selenium	78-2	205.77	192.01	206.49	201.42	4.05	ppb
Silicon	28-1	526.24	526.41	532.91	528.52	0.72	ppb
Silver	109-1	102.05	102.99	102.65	102.56	0.46	ppb
Silver	107-1	101.75	102.13	104.12	102.67	1.24	ppb
Sodium	23-2	2046.02	1987.28	1974.79	2002.69	1.90	ppb
Strontium	86-1	486.00	478.54	481.18	481.91	0.79	ppb
Strontium	88-1	484.44	480.67	483.14	482.75	0.40	ppb
Sulfur	34-1	-336.29	-477.48	-436.78	-416.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	199.14	193.84	199.59	197.52	1.62	ppb
Thallium	205-1	201.10	198.31	202.44	200.62	1.05	ppb
Tin	118-1	538.30	537.04	543.29	539.54	0.61	ppb
Titanium	47-1	514.02	509.30	520.62	514.65	1.11	ppb
Uranium	238-1	502.82	504.04	511.20	506.02	0.90	ppb
Vanadium	51-2	99.53	95.96	94.62	96.70	2.62	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	205.22	199.51	198.52	201.08	1.80	ppb
Zirconium	90-1	525.76	522.21	527.80	525.26	0.54	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:35:17	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	521.98	518.28	525.43	521.89	0.69	ppb

LB Number : LB85983 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-22 16:50:39 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	0.48	0.07	0.41	77.67	ppb
Antimony	121-1	0.90	1.09	1.29	1.10	17.96	ppb
Arsenic	75-2	0.09	0.10	0.14	0.11	27.30	ppb
Barium	135-1	0.05	0.04	0.05	0.05	1.21	ppb
Barium	137-1	0.05	0.05	0.02	0.04	40.56	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	17.23	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	3.97	3.49	4.46	3.97	12.10	ppb
Boron	11-1	4.18	4.44	4.38	4.33	3.16	ppb
Cadmium	106-1	-2.30	-0.71	-1.01	-1.34		ppb
Cadmium	108-1	-0.05	0.10	-0.05	0.00	11500.91	ppb
Cadmium	111-1	-0.17	-0.05	-0.08	-0.10		ppb
Calcium	43-1	1.06	-1.79	-0.55	-0.43		ppb
Calcium	44-1	-0.75	0.45	2.41	0.70	226.04	ppb
Chromium	52-2	-0.01	0.02	0.04	0.02	158.15	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	19.90	ppb
Copper	63-2	0.03	-0.01	0.00	0.01	207.14	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.21	1.31	1.17	1.23	5.58	ppb
Iron	57-2	0.72	1.74	1.34	1.27	40.60	ppb
Lead	206-1	0.16	0.16	0.14	0.16	7.93	ppb
Lead	207-1	0.14	0.17	0.17	0.16	9.02	ppb
Lead	208-1	0.19	0.18	0.16	0.17	6.97	ppb
Lithium	6-1						%
Magnesium	24-2	0.40	1.07	0.61	0.69	49.72	ppb
Manganese	55-2	0.05	0.03	0.03	0.04	16.96	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:50:39	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.13	0.10	0.10	26.18	ppb
Molybdenum	95-1	0.17	0.28	0.31	0.26	28.37	ppb
Molybdenum	96-1	0.19	0.18	0.30	0.22	31.31	ppb
Molybdenum	97-1	0.29	0.24	0.50	0.34	39.73	ppb
Molybdenum	98-1	0.24	0.28	0.34	0.29	19.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.01	116.23	ppb
Phosphorus	31-2	24.80	-16.59	-0.27	2.65	787.35	ppb
Potassium	39-2	8.66	4.33	12.27	8.42	47.20	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	0.25	-1.25	1.50	0.17	819.27	ppb
Selenium	82-1	-0.87	-0.38	0.92	-0.11		ppb
Silicon	28-1	2.20	2.27	4.28	2.92	40.40	ppb
Silver	109-1	0.00	0.01	0.00	0.00	47.78	ppb
Silver	107-1	0.01	0.00	0.02	0.01	105.88	ppb
Sodium	23-2	15.50	15.41	14.51	15.14	3.60	ppb
Strontium	86-1	-0.12	0.02	-0.10	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	532.93	ppb
Sulfur	34-1	-390.40	-426.68	1.88	-271.73		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.06	0.06	0.05	28.36	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	13.27	ppb
Tin	118-1	0.08	0.13	0.24	0.15	56.00	ppb
Titanium	47-1	-0.01	0.03	0.06	0.02	137.89	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	66.81	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1.59	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.39	0.11	0.13	0.21	74.96	ppb
Zirconium	90-1	0.04	0.04	0.06	0.05	26.50	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:50:39	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.02	0.04	44.45	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:54:15	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90923.68	89505.34	86269.87	88899.63	2.68	ppb
Antimony	121-1	1.72	1.59	1.76	1.69	5.29	ppb
Arsenic	75-2	0.33	0.36	0.46	0.38	17.01	ppb
Barium	135-1	1.63	1.65	1.49	1.59	5.62	ppb
Barium	137-1	1.53	1.52	1.59	1.54	2.39	ppb
Beryllium	9-1	0.36	0.21	0.37	0.31	27.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.14	4.90	4.61	5.22	15.59	ppb
Boron	11-1	5.99	4.79	5.33	5.37	11.20	ppb
Cadmium	106-1	1.19	0.17	-1.69	-0.11		ppb
Cadmium	108-1	10.50	11.57	9.77	10.61	8.56	ppb
Cadmium	111-1	0.54	0.28	0.34	0.38	35.47	ppb
Calcium	43-1	92226.64	91653.20	92746.12	92208.65	0.59	ppb
Calcium	44-1	92163.06	93890.96	92883.56	92979.19	0.93	ppb
Chromium	52-2	18.69	19.21	18.28	18.73	2.50	ppb
Cobalt	59-2	1.18	1.21	1.10	1.16	5.14	ppb
Copper	63-2	8.84	8.41	8.38	8.55	2.99	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	89643.13	88902.44	84933.03	87826.20	2.88	ppb
Iron	57-2	88312.72	87832.20	84105.92	86750.28	2.65	ppb
Lead	206-1	4.80	4.88	4.63	4.77	2.70	ppb
Lead	207-1	4.10	4.00	4.21	4.10	2.55	ppb
Lead	208-1	4.44	4.46	4.46	4.45	0.27	ppb
Lithium	6-1						%
Magnesium	24-2	94705.09	93545.66	89152.41	92467.72	3.17	ppb
Manganese	55-2	7.64	8.01	7.22	7.62	5.17	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:54:15	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1878.06	1888.71	1891.82	1886.20	0.38	ppb
Molybdenum	94-1	560.03	558.47	553.04	557.18	0.66	ppb
Molybdenum	95-1	1901.27	1906.09	1883.06	1896.80	0.64	ppb
Molybdenum	96-1	1546.10	1551.59	1549.05	1548.91	0.18	ppb
Molybdenum	97-1	1790.60	1789.73	1778.99	1786.44	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.38	5.45	4.85	5.23	6.35	ppb
Phosphorus	31-2	95971.86	95826.28	91195.57	94331.24	2.88	ppb
Potassium	39-2	93639.70	92394.95	87982.64	91339.09	3.25	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	82-1	0.95	-0.89	1.86	0.64	218.82	ppb
Selenium	77-2	0.99	-0.51	0.93	0.47	180.49	ppb
Selenium	78-2	0.51	1.97	0.33	0.94	96.40	ppb
Silicon	28-1	22.36	23.79	22.59	22.91	3.36	ppb
Silver	107-1	0.16	0.19	0.17	0.17	7.55	ppb
Silver	109-1	0.19	0.16	0.21	0.18	13.66	ppb
Sodium	23-2	95179.36	94388.22	90566.67	93378.08	2.64	ppb
Strontium	86-1	30.05	30.08	29.75	29.96	0.62	ppb
Strontium	88-1	30.63	30.28	30.09	30.33	0.90	ppb
Sulfur	34-1	99512.47	98818.25	99279.77	99203.50	0.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.63	0.51	0.41	0.52	20.99	ppb
Thallium	205-1	0.55	0.43	0.44	0.47	14.44	ppb
Tin	118-1	0.23	0.30	0.26	0.27	12.44	ppb
Titanium	47-1	1844.84	1846.39	1835.17	1842.13	0.33	ppb
Uranium	238-1	0.02	0.01	0.03	0.02	41.11	ppb
Vanadium	51-2	0.17	0.15	0.16	0.16	8.10	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	12.54	12.10	10.52	11.72	9.05	ppb
Zirconium	90-1	0.18	0.19	0.20	0.19	6.61	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:54:15	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.17	0.17	0.16	15.12	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:57:47	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91704.93	89716.25	88611.13	90010.77	1.74	ppb
Antimony	121-1	19.65	18.99	19.13	19.25	1.82	ppb
Arsenic	75-2	20.17	18.36	18.92	19.15	4.83	ppb
Barium	135-1	21.56	21.27	21.47	21.43	0.69	ppb
Barium	137-1	22.20	21.56	21.57	21.78	1.67	ppb
Beryllium	9-1	20.35	19.74	19.74	19.94	1.76	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	60.42	60.82	59.38	60.21	1.23	ppb
Boron	11-1	61.10	63.19	60.92	61.74	2.04	ppb
Cadmium	111-1	20.14	19.40	19.59	19.71	1.93	ppb
Cadmium	106-1	23.76	21.81	25.40	23.65	7.60	ppb
Cadmium	108-1	33.68	33.73	32.83	33.41	1.51	ppb
Calcium	43-1	93575.34	92564.67	92522.21	92887.40	0.64	ppb
Calcium	44-1	93469.17	93004.92	92986.02	93153.37	0.29	ppb
Chromium	52-2	38.55	38.32	38.48	38.45	0.31	ppb
Cobalt	59-2	21.23	21.15	21.09	21.15	0.33	ppb
Copper	63-2	29.61	29.34	28.92	29.29	1.18	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	89244.62	88030.91	87329.00	88201.51	1.10	ppb
Iron	57-2	89015.41	88523.49	87795.77	88444.89	0.69	ppb
Lead	206-1	26.11	24.67	25.81	25.53	2.97	ppb
Lead	207-1	23.27	23.33	23.45	23.35	0.38	ppb
Lead	208-1	24.58	24.15	24.43	24.39	0.90	ppb
Lithium	6-1						%
Magnesium	24-2	95438.07	93360.76	92850.68	93883.17	1.46	ppb
Manganese	55-2	27.35	27.91	28.21	27.82	1.57	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:57:47	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	625.41	613.00	606.47	614.96	1.56	ppb
Molybdenum	95-1	2006.13	1964.55	1946.82	1972.50	1.54	ppb
Molybdenum	96-1	1643.71	1610.59	1607.03	1620.44	1.25	ppb
Molybdenum	97-1	1896.56	1859.58	1838.52	1864.89	1.58	ppb
Molybdenum	98-1	1998.00	1945.55	1960.06	1967.87	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.87	24.44	25.00	24.44	2.31	ppb
Phosphorus	31-2	97467.35	96261.19	95487.00	96405.18	1.04	ppb
Potassium	39-2	93988.51	92389.50	91592.79	92656.93	1.32	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	14.48	14.36	15.75	14.86	5.19	ppb
Selenium	78-2	17.67	19.49	20.08	19.08	6.57	ppb
Selenium	82-1	19.59	19.93	18.31	19.28	4.41	ppb
Silicon	28-1	81.18	80.68	80.90	80.92	0.31	ppb
Silver	109-1	19.06	18.74	18.43	18.74	1.70	ppb
Silver	107-1	18.83	18.86	18.94	18.87	0.30	ppb
Sodium	23-2	95683.02	94439.25	93408.27	94510.18	1.21	ppb
Strontium	86-1	79.66	78.19	77.92	78.59	1.19	ppb
Strontium	88-1	80.39	78.93	78.74	79.35	1.14	ppb
Sulfur	34-1	100274.36	98900.21	99009.26	99394.61	0.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.76	20.27	20.31	20.45	1.32	ppb
Thallium	205-1	20.97	20.63	20.93	20.84	0.89	ppb
Tin	118-1	55.90	53.96	54.23	54.70	1.92	ppb
Titanium	47-1	1905.86	1898.04	1891.92	1898.61	0.37	ppb
Uranium	238-1	56.10	55.09	55.08	55.43	1.05	ppb
Vanadium	51-2	19.54	19.26	19.69	19.50	1.13	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	31.26	30.57	29.93	30.59	2.17	ppb
Zirconium	90-1	54.84	53.70	53.34	53.96	1.45	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:57:47	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	55.15	52.75	52.97	53.62	2.47	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:01:21	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9661.74	9754.92	9812.91	9743.19	0.78	ppb
Antimony	121-1	460.74	461.19	480.86	467.60	2.46	ppb
Arsenic	75-2	486.87	485.41	487.69	486.66	0.24	ppb
Barium	135-1	2366.97	2338.39	2437.59	2380.98	2.14	ppb
Barium	137-1	2366.91	2372.33	2447.39	2395.54	1.88	ppb
Beryllium	9-1	467.59	465.40	489.36	474.12	2.79	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	428.97	439.66	478.28	448.97	5.78	ppb
Boron	11-1	422.42	437.11	470.87	443.47	5.60	ppb
Cadmium	111-1	477.08	475.84	492.69	481.87	1.95	ppb
Cadmium	106-1	461.72	475.87	486.41	474.67	2.61	ppb
Cadmium	108-1	471.97	476.28	479.30	475.85	0.77	ppb
Calcium	43-1	46663.89	46172.49	48362.70	47066.36	2.44	ppb
Calcium	44-1	45903.06	45449.11	47527.08	46293.08	2.36	ppb
Chromium	52-2	492.77	497.14	495.03	494.98	0.44	ppb
Cobalt	59-2	496.92	499.29	497.27	497.83	0.26	ppb
Copper	63-2	1004.75	1008.21	998.24	1003.73	0.50	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	23215.95	23061.59	22863.28	23046.94	0.77	ppb
Iron	57-2	23369.61	23328.39	23316.40	23338.13	0.12	ppb
Lead	206-1	483.48	472.20	495.48	483.72	2.41	ppb
Lead	207-1	478.81	469.22	490.56	479.53	2.23	ppb
Lead	208-1	478.98	470.36	491.86	480.40	2.25	ppb
Lithium	6-1						%
Magnesium	24-2	48541.68	48374.34	47867.80	48261.28	0.73	ppb
Manganese	55-2	993.53	1001.98	991.64	995.71	0.55	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:01:21	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	474.92	472.15	490.38	479.15	2.05	ppb
Molybdenum	95-1	481.81	478.28	494.32	484.81	1.74	ppb
Molybdenum	96-1	477.00	474.92	489.63	480.52	1.66	ppb
Molybdenum	97-1	475.29	469.80	487.71	477.60	1.92	ppb
Molybdenum	98-1	474.84	476.36	491.04	480.75	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.33	500.24	494.54	495.37	0.91	ppb
Phosphorus	31-2	9986.44	9739.09	10066.94	9930.82	1.72	ppb
Potassium	39-2	23857.63	23917.17	23864.25	23879.68	0.14	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	446.24	490.22	452.40	462.96	5.14	ppb
Selenium	78-2	479.99	493.33	501.27	491.53	2.19	ppb
Selenium	82-1	471.80	463.91	490.47	475.39	2.87	ppb
Silicon	28-1	480.09	478.06	505.17	487.77	3.10	ppb
Silver	109-1	473.56	473.68	490.13	479.12	1.99	ppb
Silver	107-1	473.08	469.50	486.88	476.49	1.93	ppb
Sodium	23-2	48956.62	49036.46	48310.63	48767.90	0.82	ppb
Strontium	86-1	473.34	470.55	487.29	477.06	1.88	ppb
Strontium	88-1	470.04	472.46	487.04	476.52	1.93	ppb
Sulfur	34-1	8835.79	8443.36	9366.84	8881.99	5.22	ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	485.11	473.65	497.05	485.27	2.41	ppb
Thallium	205-1	479.52	470.83	493.16	481.17	2.34	ppb
Tin	118-1	474.44	473.72	497.58	481.91	2.82	ppb
Titanium	47-1	479.62	472.63	487.90	480.05	1.59	ppb
Uranium	238-1	471.35	468.00	491.89	477.08	2.71	ppb
Vanadium	51-2	493.94	494.56	494.51	494.34	0.07	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	992.98	995.86	995.85	994.90	0.17	ppb
Zirconium	90-1	462.09	459.52	477.02	466.21	2.03	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:01:21	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	476.75	473.75	493.93	481.48	2.26	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:11:40	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	0.28	0.48	0.49	42.86	ppb
Antimony	121-1	0.98	1.24	1.38	1.20	16.81	ppb
Arsenic	75-2	0.12	0.06	0.17	0.12	50.33	ppb
Barium	135-1	0.08	0.02	0.06	0.05	50.19	ppb
Barium	137-1	0.04	0.07	0.06	0.06	27.81	ppb
Beryllium	9-1	0.01	0.08	0.00	0.03	135.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.20	4.54	3.72	4.49	16.56	ppb
Boron	11-1	4.27	3.96	4.21	4.15	3.89	ppb
Cadmium	106-1	-1.21	-0.32	1.12	-0.14		ppb
Cadmium	108-1	-0.05	0.03	0.03	0.00	2582.55	ppb
Cadmium	111-1	-0.09	-0.02	0.10	-0.01		ppb
Calcium	43-1	-0.64	0.56	2.93	0.95	190.32	ppb
Calcium	44-1	1.49	1.82	2.41	1.91	24.33	ppb
Chromium	52-2	0.03	0.01	0.04	0.03	45.74	ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	64.57	ppb
Copper	63-2	0.10	0.12	0.06	0.09	29.13	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.27	1.49	1.34	1.37	8.15	ppb
Iron	57-2	1.82	1.62	0.26	1.23	68.90	ppb
Lead	206-1	0.02	0.04	0.05	0.04	48.62	ppb
Lead	207-1	0.08	0.05	0.05	0.06	28.63	ppb
Lead	208-1	0.05	0.06	0.05	0.05	8.43	ppb
Lithium	6-1						%
Magnesium	24-2	0.72	0.97	0.38	0.69	43.04	ppb
Manganese	55-2	0.03	0.03	0.03	0.03	8.99	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:11:40	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.21	0.26	0.20	36.06	ppb
Molybdenum	95-1	0.37	0.43	0.62	0.48	27.73	ppb
Molybdenum	96-1	0.32	0.44	0.43	0.40	16.57	ppb
Molybdenum	97-1	0.36	0.31	0.69	0.45	46.23	ppb
Molybdenum	98-1	0.35	0.54	0.56	0.48	24.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	8.37	-12.02	-24.57	-9.41		ppb
Potassium	39-2	8.08	8.14	6.60	7.61	11.46	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	0.28	0.01	-0.23	0.02	1291.85	ppb
Selenium	82-1	0.27	2.07	0.84	1.06	86.44	ppb
Silicon	28-1	1.36	2.49	2.52	2.12	31.10	ppb
Silver	109-1	0.00	0.00	0.01	0.01	67.48	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.20	ppb
Sodium	23-2	20.86	22.74	21.31	21.64	4.55	ppb
Strontium	86-1	0.09	0.01	-0.03	0.02	259.65	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-827.90	-814.28	-836.94	-826.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	39.75	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	195.99	ppb
Tin	118-1	0.16	0.18	0.13	0.15	16.47	ppb
Titanium	47-1	0.04	0.00	-0.01	0.01	212.23	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	106.55	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	153.91	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.15	0.09	0.23	0.16	44.10	ppb
Zirconium	90-1	0.04	0.04	0.06	0.05	27.00	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:11:40	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	34.62	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:15:14	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.14	27.22	18.85	21.07	25.62	ppb
Antimony	121-1	2.47	2.25	2.39	2.37	4.58	ppb
Arsenic	75-2	0.84	0.92	1.00	0.92	8.81	ppb
Barium	135-1	9.62	9.36	9.75	9.58	2.06	ppb
Barium	137-1	10.01	10.13	9.91	10.02	1.07	ppb
Beryllium	9-1	1.09	1.20	1.15	1.15	5.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.93	26.67	30.07	28.55	6.05	ppb
Boron	11-1	27.47	28.23	27.29	27.66	1.82	ppb
Cadmium	106-1	1.90	0.18	0.00	0.69	150.74	ppb
Cadmium	108-1	0.85	0.99	0.94	0.93	8.08	ppb
Cadmium	111-1	1.04	0.91	0.90	0.95	7.91	ppb
Calcium	43-1	460.66	488.58	477.83	475.69	2.96	ppb
Calcium	44-1	483.70	504.76	490.05	492.84	2.19	ppb
Chromium	52-2	2.07	2.15	2.04	2.09	2.83	ppb
Cobalt	59-2	1.11	1.01	1.00	1.04	6.16	ppb
Copper	63-2	2.21	2.39	2.48	2.36	5.70	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	51.17	52.40	52.45	52.00	1.39	ppb
Iron	57-2	57.50	45.90	47.60	50.33	12.44	ppb
Lead	206-1	1.05	1.14	1.19	1.12	6.19	ppb
Lead	207-1	0.99	1.05	1.12	1.05	6.52	ppb
Lead	208-1	1.04	1.07	1.15	1.08	5.02	ppb
Lithium	6-1						%
Magnesium	24-2	499.17	491.46	495.12	495.25	0.78	ppb
Manganese	55-2	1.23	1.11	1.08	1.14	6.95	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:15:14	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.01	2.13	2.25	2.13	5.62	ppb
Molybdenum	95-1	5.14	5.07	5.28	5.16	2.07	ppb
Molybdenum	96-1	4.26	4.51	4.59	4.45	3.84	ppb
Molybdenum	97-1	4.90	4.82	5.20	4.97	4.09	ppb
Molybdenum	98-1	5.12	5.25	5.33	5.24	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.06	1.17	1.11	4.93	ppb
Phosphorus	31-2	20.78	24.40	28.42	24.54	15.57	ppb
Potassium	39-2	472.52	486.41	488.21	482.38	1.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	5.86	5.98	6.00	5.95	1.26	ppb
Selenium	77-2	0.99	1.00	5.52	2.51	104.26	ppb
Selenium	78-2	5.26	8.08	7.29	6.87	21.14	ppb
Silicon	28-1	7.90	9.76	11.91	9.86	20.34	ppb
Silver	109-1	1.11	1.14	1.28	1.18	7.89	ppb
Silver	107-1	1.25	1.23	1.17	1.22	3.37	ppb
Sodium	23-2	512.21	518.63	522.56	517.80	1.01	ppb
Strontium	86-1	0.93	1.04	0.94	0.97	6.13	ppb
Strontium	88-1	0.99	0.96	0.98	0.98	1.16	ppb
Sulfur	34-1	-834.57	-694.80	-599.85	-709.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.11	1.03	1.06	1.07	3.63	ppb
Thallium	205-1	1.01	1.05	1.00	1.02	2.33	ppb
Tin	118-1	5.21	5.22	5.12	5.18	1.00	ppb
Titanium	47-1	4.78	4.53	4.60	4.64	2.81	ppb
Uranium	238-1	1.03	0.99	1.07	1.03	4.14	ppb
Vanadium	51-2	4.88	4.79	4.90	4.85	1.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.12	2.99	2.76	2.96	6.29	ppb
Zirconium	90-1	0.87	0.85	0.83	0.85	2.52	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:15:14	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.82	0.64	0.73	0.73	12.26	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:18:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	0.28	0.07	0.21	58.69	ppb
Antimony	121-1	0.18	0.22	0.26	0.22	19.26	ppb
Arsenic	75-2	0.00	0.09	0.03	0.04	116.30	ppb
Barium	135-1	0.04	0.03	0.07	0.04	50.49	ppb
Barium	137-1	0.05	0.02	0.01	0.03	66.35	ppb
Beryllium	9-1	0.03	0.07	0.05	0.05	39.80	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	3.61	3.80	3.51	3.64	4.01	ppb
Boron	11-1	3.83	3.67	3.24	3.58	8.46	ppb
Cadmium	106-1	1.12	0.92	-0.93	0.37	307.92	ppb
Cadmium	108-1	0.03	0.03	0.03	0.03	5.71	ppb
Cadmium	111-1	0.09	0.07	-0.07	0.03	284.27	ppb
Calcium	43-1	-1.25	3.89	-0.03	0.87	308.02	ppb
Calcium	44-1	0.45	0.51	2.04	1.00	90.29	ppb
Chromium	52-2	-0.01	0.01	0.01	0.00	270.22	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	39.49	ppb
Copper	63-2	0.04	0.03	0.04	0.04	16.40	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	0.71	0.54	0.69	0.65	14.05	ppb
Iron	57-2	0.29	0.28	-0.38	0.06	612.82	ppb
Lead	207-1	0.05	0.05	0.06	0.05	11.84	ppb
Lead	208-1	0.05	0.06	0.07	0.06	13.20	ppb
Lead	206-1	0.06	0.01	0.05	0.04	60.25	ppb
Lithium	6-1						%
Magnesium	24-2	0.88	0.63	-0.01	0.50	91.85	ppb
Manganese	55-2	-0.01	0.03	0.05	0.02	140.29	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:18:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.09	0.11	0.09	17.00	ppb
Molybdenum	95-1	0.19	0.28	0.30	0.26	22.88	ppb
Molybdenum	96-1	0.18	0.19	0.25	0.21	17.09	ppb
Molybdenum	97-1	0.19	0.26	0.23	0.23	15.94	ppb
Molybdenum	98-1	0.18	0.22	0.20	0.20	8.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.02		ppb
Phosphorus	31-2	-12.06	-24.50	-16.37	-17.64		ppb
Potassium	39-2	5.01	9.57	4.31	6.30	45.36	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.51	-0.51	2.49	0.49	354.03	ppb
Selenium	78-2	1.28	0.76	0.98	1.01	25.76	ppb
Selenium	82-1	0.94	0.92	0.74	0.87	12.69	ppb
Silicon	28-1	1.05	5.38	2.08	2.84	79.79	ppb
Silver	109-1	0.01	0.00	0.00	0.00	277.44	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.73	ppb
Sodium	23-2	15.62	16.61	14.71	15.65	6.06	ppb
Strontium	86-1	0.04	0.03	0.03	0.04	3.43	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-843.25	-454.18	-922.38	-739.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	243.69	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	191.48	ppb
Tin	118-1	0.06	0.07	0.08	0.07	10.39	ppb
Titanium	47-1	-0.04	-0.03	-0.07	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	154.92	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.05	0.09	0.03	0.06	58.09	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	16.38	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:18:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.03	22.98	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:22:24	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.36	47.15	41.77	42.76	9.32	ppb
Antimony	121-1	3.81	3.72	3.71	3.74	1.45	ppb
Arsenic	75-2	1.87	1.74	1.69	1.77	5.28	ppb
Barium	135-1	17.96	17.94	18.24	18.05	0.92	ppb
Barium	137-1	18.02	18.07	18.08	18.05	0.17	ppb
Beryllium	9-1	1.82	1.88	1.58	1.76	9.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.39	45.27	47.17	45.94	2.31	ppb
Boron	11-1	44.58	46.69	46.22	45.83	2.42	ppb
Cadmium	106-1	1.29	2.13	-0.34	1.03	122.51	ppb
Cadmium	108-1	2.02	1.99	1.93	1.98	2.17	ppb
Cadmium	111-1	1.74	1.70	1.68	1.70	1.80	ppb
Calcium	43-1	837.25	825.15	862.55	841.65	2.27	ppb
Calcium	44-1	872.38	875.05	872.44	873.29	0.17	ppb
Chromium	52-2	3.67	3.97	3.94	3.86	4.32	ppb
Cobalt	59-2	1.88	1.98	1.87	1.91	3.30	ppb
Copper	63-2	3.98	3.91	4.11	4.00	2.64	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	403.73	410.89	404.50	406.37	0.97	ppb
Iron	57-2	366.76	397.53	376.09	380.13	4.15	ppb
Lead	206-1	1.84	1.93	2.03	1.93	4.95	ppb
Lead	207-1	1.97	1.93	1.97	1.95	1.26	ppb
Lead	208-1	1.92	1.84	1.95	1.90	3.08	ppb
Lithium	6-1						%
Magnesium	24-2	918.88	932.10	926.33	925.77	0.72	ppb
Manganese	55-2	1.83	1.90	2.00	1.91	4.65	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:22:24	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.90	3.75	3.62	3.76	3.65	ppb
Molybdenum	95-1	9.18	9.02	9.10	9.10	0.89	ppb
Molybdenum	96-1	7.81	7.72	7.91	7.81	1.22	ppb
Molybdenum	97-1	8.99	8.84	9.09	8.97	1.37	ppb
Molybdenum	98-1	9.42	9.22	8.94	9.20	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.06	1.90	2.05	6.87	ppb
Phosphorus	31-2	32.60	17.21	16.64	22.15	40.86	ppb
Potassium	39-2	886.34	906.21	906.67	899.74	1.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	10.69	7.70	9.01	9.13	16.45	ppb
Selenium	77-2	5.55	11.63	10.05	9.08	34.78	ppb
Selenium	78-2	10.60	10.12	9.30	10.01	6.58	ppb
Silicon	28-1	8.83	9.27	10.68	9.59	10.08	ppb
Silver	109-1	2.37	2.22	2.11	2.23	5.88	ppb
Silver	107-1	2.24	2.13	2.18	2.18	2.55	ppb
Sodium	23-2	925.86	951.72	949.24	942.27	1.51	ppb
Strontium	86-1	1.88	1.87	1.79	1.85	2.68	ppb
Strontium	88-1	1.76	1.69	1.70	1.71	2.17	ppb
Sulfur	34-1	-773.42	-739.65	-963.70	-825.59		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.87	1.76	1.95	1.86	4.99	ppb
Thallium	205-1	1.93	1.86	1.82	1.87	3.11	ppb
Tin	118-1	9.37	8.88	9.16	9.14	2.68	ppb
Titanium	47-1	8.34	9.04	8.85	8.75	4.16	ppb
Uranium	238-1	1.85	1.90	1.81	1.85	2.30	ppb
Vanadium	51-2	9.11	8.91	9.17	9.07	1.50	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	4.15	4.19	5.03	4.46	11.15	ppb
Zirconium	90-1	1.47	1.54	1.43	1.48	3.68	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:22:24	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.64	1.63	1.42	1.56	7.82	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:25:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	-0.14	0.29	0.07	288.86	ppb
Antimony	121-1	0.09	0.08	0.15	0.10	36.44	ppb
Arsenic	75-2	0.03	0.00	0.09	0.04	113.69	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	272.78	ppb
Barium	137-1	0.01	0.03	0.03	0.02	32.20	ppb
Beryllium	9-1	0.01	0.00	0.04	0.02	105.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.02	3.48	4.21	3.57	16.82	ppb
Boron	11-1	4.09	3.42	3.67	3.73	9.01	ppb
Cadmium	106-1	0.57	1.07	-0.81	0.28	352.26	ppb
Cadmium	108-1	0.03	-0.05	0.11	0.03	272.39	ppb
Cadmium	111-1	0.05	0.08	-0.07	0.02	400.99	ppb
Calcium	43-1	3.44	1.84	0.78	2.02	66.18	ppb
Calcium	44-1	-0.32	1.61	0.46	0.58	166.28	ppb
Chromium	52-2	0.00	0.05	0.02	0.02	129.35	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	62.45	ppb
Copper	63-2	0.03	0.03	0.06	0.04	48.00	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	0.52	0.44	0.47	0.48	8.36	ppb
Iron	57-2	1.50	0.31	0.54	0.78	80.83	ppb
Lead	206-1	0.10	0.01	0.05	0.05	83.52	ppb
Lead	207-1	0.05	0.05	0.07	0.05	19.82	ppb
Lead	208-1	0.07	0.04	0.06	0.06	21.94	ppb
Lithium	6-1						%
Magnesium	24-2	0.29	0.41	0.26	0.32	25.52	ppb
Manganese	55-2	0.01	0.04	0.01	0.02	91.65	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:25:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.09	0.11	0.09	17.28	ppb
Molybdenum	95-1	0.11	0.16	0.24	0.17	38.65	ppb
Molybdenum	96-1	0.15	0.17	0.25	0.19	27.35	ppb
Molybdenum	97-1	0.11	0.19	0.21	0.17	30.63	ppb
Molybdenum	98-1	0.17	0.18	0.21	0.18	11.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-2.76	8.83	-11.77	-1.90		ppb
Potassium	39-2	7.36	4.58	9.08	7.01	32.40	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.04	1.02	1.02	1.03	1.16	ppb
Selenium	78-2	0.38	1.60	1.09	1.02	59.91	ppb
Selenium	82-1	-0.33	-0.97	0.01	-0.43		ppb
Silicon	28-1	0.96	3.65	5.21	3.27	65.74	ppb
Silver	107-1	0.00	0.00	0.01	0.00	144.44	ppb
Silver	109-1	0.00	0.00	0.00	0.00	88.92	ppb
Sodium	23-2	14.08	11.72	14.66	13.49	11.57	ppb
Strontium	86-1	-0.02	-0.15	0.01	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-649.74	-543.50	-445.32	-546.19		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	163.28	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.09	0.05	0.07	0.07	31.19	ppb
Titanium	47-1	-0.12	-0.02	-0.07	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	628.46	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.15	0.05	0.05	0.08	65.00	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	10.28	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:25:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.01	0.14	0.07	93.46	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:29:33	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.75	39.04	37.16	38.32	2.63	ppb
Antimony	121-1	3.72	3.71	3.57	3.67	2.20	ppb
Arsenic	75-2	1.70	1.94	1.83	1.82	6.42	ppb
Barium	135-1	18.40	17.03	17.28	17.57	4.13	ppb
Barium	137-1	18.61	17.88	17.43	17.97	3.33	ppb
Beryllium	9-1	1.94	1.87	1.99	1.93	2.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.44	46.79	51.10	48.11	5.39	ppb
Boron	11-1	44.91	47.09	45.81	45.94	2.39	ppb
Cadmium	106-1	2.76	-0.69	0.07	0.71	253.81	ppb
Cadmium	108-1	2.27	1.82	0.91	1.67	41.67	ppb
Cadmium	111-1	1.85	1.67	1.61	1.71	7.19	ppb
Calcium	43-1	870.51	830.06	847.21	849.26	2.39	ppb
Calcium	44-1	882.74	880.30	883.10	882.05	0.17	ppb
Chromium	52-2	3.87	3.79	3.83	3.83	1.04	ppb
Cobalt	59-2	1.92	1.89	1.80	1.87	3.15	ppb
Copper	63-2	3.85	4.01	3.79	3.88	2.81	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	418.32	411.93	414.20	414.81	0.78	ppb
Iron	57-2	392.21	398.63	409.92	400.25	2.24	ppb
Lead	206-1	1.82	1.87	1.88	1.86	1.98	ppb
Lead	207-1	1.77	1.87	1.80	1.81	3.06	ppb
Lead	208-1	1.88	1.89	1.91	1.89	0.78	ppb
Lithium	6-1						%
Magnesium	24-2	905.25	911.36	900.32	905.64	0.61	ppb
Manganese	55-2	1.68	1.99	1.96	1.88	9.23	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:29:33	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.83	3.79	3.73	3.79	1.44	ppb
Molybdenum	95-1	9.21	8.67	9.00	8.96	3.05	ppb
Molybdenum	96-1	7.48	7.51	7.59	7.53	0.70	ppb
Molybdenum	97-1	8.84	8.80	8.42	8.69	2.72	ppb
Molybdenum	98-1	9.15	8.96	9.05	9.05	1.09	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	2.05	2.00	2.18	2.08	4.47	ppb
Phosphorus	31-2	25.07	8.00	44.60	25.89	70.74	ppb
Potassium	39-2	870.82	884.67	879.53	878.34	0.80	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	13.06	6.98	3.97	8.01	57.85	ppb
Selenium	78-2	12.55	11.19	9.91	11.22	11.74	ppb
Selenium	82-1	8.22	10.38	10.94	9.85	14.62	ppb
Silicon	28-1	11.09	9.46	11.08	10.54	8.87	ppb
Silver	109-1	1.89	1.76	1.84	1.83	3.59	ppb
Silver	107-1	1.84	1.75	1.75	1.78	2.82	ppb
Sodium	23-2	917.76	909.32	915.23	914.10	0.47	ppb
Strontium	86-1	1.62	1.57	1.65	1.61	2.67	ppb
Strontium	88-1	1.71	1.67	1.64	1.68	2.08	ppb
Sulfur	34-1	-726.72	-630.35	-460.04	-605.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.86	1.74	1.87	1.82	3.83	ppb
Thallium	205-1	1.85	1.79	1.83	1.82	1.91	ppb
Tin	118-1	9.52	9.28	8.94	9.24	3.17	ppb
Titanium	47-1	8.65	8.52	7.88	8.35	4.95	ppb
Uranium	238-1	1.86	1.90	1.86	1.88	1.38	ppb
Vanadium	51-2	8.76	8.51	8.83	8.70	1.96	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	4.20	4.10	4.05	4.12	1.81	ppb
Zirconium	90-1	1.59	1.57	1.51	1.55	2.74	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:29:33	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.67	1.45	1.38	1.50	10.13	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1918-04	Instrumnet Name :	P7
Client Sample ID :	MG9TK9	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:33:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.01	1.40	1.04	1.82	57.64	ppb
Antimony	121-1	0.39	0.39	0.37	0.38	2.86	ppb
Arsenic	75-2	0.20	0.19	0.20	0.20	4.08	ppb
Barium	135-1	278.19	277.10	276.03	277.11	0.39	ppb
Barium	137-1	281.89	277.07	278.97	279.31	0.87	ppb
Beryllium	9-1	0.04	0.02	0.01	0.02	66.00	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	12.74	13.35	14.09	13.39	5.06	ppb
Boron	11-1	12.70	12.78	13.34	12.94	2.69	ppb
Cadmium	111-1	-0.07	0.07	-0.02	-0.01		ppb
Cadmium	106-1	-0.98	0.73	-0.42	-0.22		ppb
Cadmium	108-1	-0.05	0.02	0.15	0.04	249.13	ppb
Calcium	43-1	52109.08	51723.64	52628.30	52153.67	0.87	ppb
Calcium	44-1	52253.40	52414.27	52902.33	52523.34	0.64	ppb
Chromium	52-2	0.01	-0.03	-0.03	-0.01		ppb
Cobalt	59-2	0.11	0.11	0.11	0.11	1.87	ppb
Copper	63-2	7.20	6.75	6.74	6.90	3.84	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9.71	9.13	9.60	9.48	3.24	ppb
Iron	57-2	11.02	11.77	13.08	11.96	8.75	ppb
Lead	208-1	0.35	0.29	0.27	0.30	13.42	ppb
Lead	206-1	0.37	0.34	0.27	0.32	16.10	ppb
Lead	207-1	0.34	0.27	0.26	0.29	16.22	ppb
Lithium	6-1						%
Magnesium	24-2	32723.63	32332.38	32795.54	32617.18	0.76	ppb
Manganese	55-2	0.57	0.53	0.52	0.54	4.55	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1918-04	Instrumnet Name :	P7
Client Sample ID :	MG9TK9	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:33:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.33	0.20	0.30	0.28	24.32	ppb
Molybdenum	95-1	0.79	0.69	0.77	0.75	7.32	ppb
Molybdenum	96-1	0.60	0.73	0.66	0.66	9.22	ppb
Molybdenum	97-1	0.64	0.71	0.72	0.69	5.82	ppb
Molybdenum	98-1	0.74	0.80	0.74	0.76	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.60	0.70	0.62	12.68	ppb
Phosphorus	31-2	-13.46	-2.54	-13.43	-9.81		ppb
Potassium	39-2	911.15	874.31	872.63	886.03	2.46	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	0.72	-0.93	-1.40	-0.53		ppb
Selenium	82-1	1.32	0.76	1.07	1.05	26.76	ppb
Silicon	28-1	4775.84	4775.37	4810.22	4787.14	0.42	ppb
Silver	109-1	0.38	0.41	0.41	0.40	4.58	ppb
Silver	107-1	0.35	0.42	0.39	0.38	8.45	ppb
Sodium	23-2	3472.89	3403.70	3459.68	3445.42	1.07	ppb
Strontium	86-1	52.83	52.79	52.99	52.87	0.20	ppb
Strontium	88-1	53.25	53.20	52.94	53.13	0.32	ppb
Sulfur	34-1	1916.27	1788.24	2207.65	1970.72	10.91	ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	0.02	0.01	0.02	0.02	24.73	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	34.66	ppb
Tin	118-1	0.29	0.28	0.27	0.28	4.37	ppb
Titanium	47-1	0.24	0.06	0.24	0.18	57.19	ppb
Uranium	238-1	0.68	0.60	0.63	0.64	6.43	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	5.35	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	32.75	33.26	33.15	33.05	0.80	ppb
Zirconium	90-1	0.08	0.07	0.11	0.09	21.99	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1918-04	Instrumnet Name :	P7
Client Sample ID :	MG9TK9	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:33:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.06	0.11	0.09	30.86	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1919-04	Instrumnet Name :	P7
Client Sample ID :	MG9TL8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:36:42	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.99	2.01	4.53	3.17	40.00	ppb
Antimony	121-1	0.27	0.26	0.26	0.27	1.27	ppb
Arsenic	75-2	0.14	0.20	0.15	0.16	21.72	ppb
Barium	135-1	284.42	281.04	283.79	283.08	0.63	ppb
Barium	137-1	287.46	284.16	285.88	285.83	0.58	ppb
Beryllium	9-1	0.07	0.02	0.05	0.05	60.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.85	8.31	7.76	7.64	9.68	ppb
Boron	11-1	8.02	7.75	7.82	7.86	1.78	ppb
Cadmium	106-1	-0.58	1.01	-0.37	0.02	3973.66	ppb
Cadmium	108-1	0.08	0.02	0.08	0.06	61.37	ppb
Cadmium	111-1	-0.04	0.09	-0.03	0.00	1457.62	ppb
Calcium	43-1	50672.39	50680.46	50248.65	50533.84	0.49	ppb
Calcium	44-1	50718.00	51177.11	50845.72	50913.61	0.47	ppb
Chromium	52-2	0.02	-0.01	0.01	0.01	146.05	ppb
Cobalt	59-2	0.13	0.13	0.12	0.13	4.18	ppb
Copper	63-2	6.09	6.10	6.07	6.09	0.31	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15.70	15.50	15.43	15.54	0.91	ppb
Iron	57-2	15.60	17.85	15.52	16.32	8.09	ppb
Lead	206-1	0.57	0.64	0.64	0.62	6.33	ppb
Lead	207-1	0.51	0.55	0.49	0.52	5.91	ppb
Lead	208-1	0.56	0.60	0.54	0.57	5.70	ppb
Lithium	6-1						%
Magnesium	24-2	32048.73	31980.67	31789.33	31939.58	0.42	ppb
Manganese	55-2	0.72	0.79	0.63	0.71	11.17	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1919-04	Instrumnet Name :	P7
Client Sample ID :	MG9TL8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:36:42	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.25	0.25	0.24	11.35	ppb
Molybdenum	95-1	0.66	0.74	0.72	0.71	5.78	ppb
Molybdenum	96-1	0.52	0.56	0.60	0.56	7.91	ppb
Molybdenum	97-1	0.77	0.64	0.62	0.68	12.36	ppb
Molybdenum	98-1	0.66	0.69	0.63	0.66	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.54	0.58	0.55	4.95	ppb
Phosphorus	31-2	-5.96	-21.22	-17.49	-14.89		ppb
Potassium	39-2	859.62	829.10	824.37	837.70	2.28	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	0.28	-0.70	1.18	0.25	370.28	ppb
Selenium	82-1	1.34	0.39	0.64	0.79	61.92	ppb
Silicon	28-1	4601.93	4703.16	4686.42	4663.84	1.16	ppb
Silver	109-1	0.21	0.24	0.23	0.23	6.98	ppb
Silver	107-1	0.26	0.22	0.24	0.24	6.51	ppb
Sodium	23-2	3191.06	3216.10	3170.78	3192.64	0.71	ppb
Strontium	86-1	51.38	51.18	51.38	51.31	0.23	ppb
Strontium	88-1	52.81	51.84	51.44	52.03	1.35	ppb
Sulfur	34-1	1651.59	2012.77	1873.15	1845.84	9.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.01	31.18	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	78.03	ppb
Tin	118-1	0.22	0.23	0.20	0.21	7.89	ppb
Titanium	47-1	0.19	0.10	0.12	0.14	36.01	ppb
Uranium	238-1	0.65	0.63	0.68	0.65	3.76	ppb
Vanadium	51-2	0.06	0.03	0.04	0.04	24.61	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	13.79	13.52	13.71	13.67	1.01	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	7.56	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1919-04	Instrumnet Name :	P7
Client Sample ID :	MG9TL8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:36:42	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.02	0.04	0.05	62.23	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1790-01	Instrumnet Name :	P7
Client Sample ID :	38-FB021017	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:40:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	1.11	1.55	1.26	19.63	ppb
Antimony	121-1	0.03	0.01	0.05	0.03	62.15	ppb
Arsenic	75-2	0.04	0.01	0.04	0.03	49.37	ppb
Barium	135-1	0.20	0.20	0.08	0.16	41.14	ppb
Barium	137-1	0.16	0.19	0.18	0.18	9.90	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.95	2.45	3.76	3.05	21.54	ppb
Boron	11-1	2.83	2.96	2.55	2.78	7.44	ppb
Cadmium	106-1	-0.51	0.73	-1.03	-0.27		ppb
Cadmium	108-1	0.17	-0.05	-0.05	0.02	523.75	ppb
Cadmium	111-1	-0.05	0.06	-0.07	-0.02		ppb
Calcium	43-1	35.98	32.67	30.25	32.97	8.73	ppb
Calcium	44-1	31.78	28.39	27.46	29.21	7.79	ppb
Chromium	52-2	0.06	0.13	0.08	0.09	42.24	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	121.37	ppb
Copper	63-2	1.30	1.06	1.32	1.22	11.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	1.49	1.51	1.39	1.47	4.52	ppb
Iron	57-2	0.73	0.93	0.29	0.65	50.16	ppb
Lead	206-1	0.02	0.04	0.01	0.02	56.03	ppb
Lead	207-1	0.05	0.03	0.02	0.03	47.63	ppb
Lead	208-1	0.03	0.02	0.02	0.03	7.83	ppb
Lithium	6-1						%
Magnesium	24-2	6.80	6.82	6.65	6.76	1.37	ppb
Manganese	55-2	0.08	0.12	0.09	0.10	22.36	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1790-01	Instrumnet Name :	P7
Client Sample ID :	38-FB021017	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:40:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.04	0.04	20.68	ppb
Molybdenum	95-1	0.08	0.06	0.07	0.07	16.79	ppb
Molybdenum	96-1	0.06	0.11	0.12	0.10	31.80	ppb
Molybdenum	97-1	0.10	0.12	0.19	0.13	34.25	ppb
Molybdenum	98-1	0.05	0.11	0.11	0.09	39.08	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.04	0.06	0.07	0.06	25.07	ppb
Phosphorus	31-2	-12.11	12.23	-16.20	-5.36		ppb
Potassium	39-2	6.64	8.42	7.27	7.44	12.09	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	82-1	1.51	0.53	-1.27	0.26	548.11	ppb
Selenium	77-2	-0.51	-0.51	0.99	-0.01		ppb
Selenium	78-2	0.27	-0.21	2.00	0.69	168.98	ppb
Silicon	28-1	-0.60	0.22	1.57	0.39	278.73	ppb
Silver	109-1	0.03	0.03	0.01	0.02	50.08	ppb
Silver	107-1	0.02	0.03	0.03	0.03	14.89	ppb
Sodium	23-2	149.65	146.60	151.52	149.26	1.66	ppb
Strontium	86-1	0.04	0.07	0.09	0.07	39.71	ppb
Strontium	88-1	0.05	0.05	0.05	0.05	7.85	ppb
Sulfur	34-1	-965.32	-890.58	-682.82	-846.24		ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	0.00	0.01	0.00	0.00	364.84	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.10	0.21	0.08	0.13	53.47	ppb
Titanium	47-1	-0.03	0.06	0.05	0.03	178.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	144.92	ppb
Vanadium	51-2	0.02	0.04	0.03	0.03	25.12	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	3.40	3.59	3.75	3.58	4.83	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	10.43	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1790-01	Instrumnet Name :	P7
Client Sample ID :	38-FB021017	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:40:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.02	71.29	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BL	Instrumnet Name :	P7
Client Sample ID :	PB97027BL	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:43:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.08	0.29	0.07	290.39	ppb
Antimony	121-1	0.06	0.03	0.05	0.05	30.63	ppb
Arsenic	75-2	0.03	0.09	0.04	0.06	56.43	ppb
Barium	135-1	0.02	0.01	0.00	0.01	58.38	ppb
Barium	137-1	0.00	0.03	0.00	0.01	185.03	ppb
Beryllium	9-1	0.02	0.03	0.00	0.02	75.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.48	1.52	1.25	1.42	10.30	ppb
Boron	11-1	1.76	1.69	1.63	1.69	3.69	ppb
Cadmium	106-1	1.54	0.06	0.28	0.63	127.32	ppb
Cadmium	108-1	-0.05	0.03	-0.05	-0.02		ppb
Cadmium	111-1	0.13	0.00	0.03	0.05	126.57	ppb
Calcium	43-1	2.14	0.06	2.41	1.54	83.69	ppb
Calcium	44-1	1.20	1.60	-0.54	0.75	151.38	ppb
Chromium	52-2	0.03	0.01	0.05	0.03	69.09	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	79.40	ppb
Copper	63-2	0.21	0.20	0.17	0.19	11.56	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.26	0.31	0.32	0.30	10.31	ppb
Iron	57-2	0.15	0.80	0.55	0.50	65.87	ppb
Lead	206-1	0.00	0.00	0.00	0.00	256.70	ppb
Lead	207-1	0.03	0.01	0.07	0.04	70.38	ppb
Lead	208-1	0.01	0.02	0.02	0.02	43.58	ppb
Lithium	6-1						%
Magnesium	24-2	0.37	1.18	1.16	0.91	50.78	ppb
Manganese	55-2	0.02	0.02	0.02	0.02	17.04	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BL	Instrumnet Name :	P7
Client Sample ID :	PB97027BL	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:43:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.04	0.04	4.86	ppb
Molybdenum	95-1	0.08	0.08	0.05	0.07	22.21	ppb
Molybdenum	96-1	0.06	0.05	0.07	0.06	21.24	ppb
Molybdenum	97-1	0.07	0.04	0.05	0.05	25.47	ppb
Molybdenum	98-1	0.04	0.05	0.08	0.06	34.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	792.49	ppb
Phosphorus	31-2	-19.80	-7.29	-11.66	-12.92		ppb
Potassium	39-2	6.22	3.20	6.33	5.25	33.82	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.06	-0.51	-0.51	0.01	7670.54	ppb
Selenium	78-2	1.46	1.18	-0.67	0.66	177.14	ppb
Selenium	82-1	0.30	-0.57	0.56	0.10	610.62	ppb
Silicon	28-1	4.61	0.66	0.80	2.03	110.80	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.61	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.64	ppb
Sodium	23-2	18.83	18.10	19.30	18.74	3.21	ppb
Strontium	86-1	0.05	0.08	-0.01	0.04	112.32	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-25.37	-437.69	-332.20	-265.09		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	33.50	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.02	0.04	0.02	0.03	56.50	ppb
Titanium	47-1	-0.03	-0.08	-0.11	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	294.13	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.13	0.36	0.12	0.20	68.45	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	29.65	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BL	Instrumnet Name :	P7
Client Sample ID :	PB97027BL	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:43:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	53.20	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BS	Instrumnet Name :	P7
Client Sample ID :	PB97027BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:47:25	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9551.77	9707.99	9652.48	9637.41	0.82	ppb
Antimony	121-1	487.61	479.14	478.11	481.62	1.08	ppb
Arsenic	75-2	481.27	479.70	486.59	482.52	0.75	ppb
Barium	135-1	2473.39	2420.52	2432.42	2442.11	1.14	ppb
Barium	137-1	2438.45	2429.32	2420.76	2429.51	0.36	ppb
Beryllium	9-1	488.28	486.64	490.93	488.62	0.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	453.51	473.36	478.09	468.32	2.78	ppb
Boron	11-1	450.32	466.70	471.89	462.97	2.43	ppb
Cadmium	106-1	492.14	470.35	469.14	477.21	2.71	ppb
Cadmium	108-1	499.94	487.49	486.13	491.19	1.55	ppb
Cadmium	111-1	493.38	486.18	487.42	488.99	0.79	ppb
Calcium	43-1	47232.97	47448.44	47680.26	47453.89	0.47	ppb
Calcium	44-1	46403.72	46696.08	46808.53	46636.11	0.45	ppb
Chromium	52-2	493.60	490.21	493.48	492.43	0.39	ppb
Cobalt	59-2	493.72	499.69	501.06	498.16	0.78	ppb
Copper	63-2	994.90	1007.23	1016.81	1006.31	1.09	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22793.03	22807.38	22940.48	22846.96	0.36	ppb
Iron	57-2	23111.28	23166.22	23489.89	23255.80	0.88	ppb
Lead	206-1	492.45	491.94	493.90	492.76	0.21	ppb
Lead	207-1	484.10	487.31	490.53	487.32	0.66	ppb
Lead	208-1	486.88	487.90	489.30	488.03	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	47830.19	47885.68	47722.41	47812.76	0.17	ppb
Manganese	55-2	982.54	992.37	996.67	990.53	0.73	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BS	Instrumnet Name :	P7
Client Sample ID :	PB97027BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:47:25	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	490.63	494.71	492.49	492.61	0.41	ppb
Molybdenum	95-1	493.79	495.09	493.94	494.27	0.14	ppb
Molybdenum	96-1	495.09	494.42	493.66	494.39	0.14	ppb
Molybdenum	97-1	492.81	494.15	491.14	492.70	0.31	ppb
Molybdenum	98-1	493.89	495.33	493.07	494.10	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.21	492.54	497.21	494.65	0.48	ppb
Phosphorus	31-2	9719.55	9823.28	9795.05	9779.29	0.55	ppb
Potassium	39-2	23466.83	23763.50	23671.92	23634.08	0.64	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	464.08	434.91	449.48	449.49	3.24	ppb
Selenium	78-2	476.89	490.05	483.90	483.61	1.36	ppb
Selenium	82-1	490.65	487.25	493.61	490.50	0.65	ppb
Silicon	28-1	520.23	526.59	532.73	526.52	1.19	ppb
Silver	107-1	489.63	484.52	488.34	487.50	0.54	ppb
Silver	109-1	493.17	482.84	485.72	487.25	1.09	ppb
Sodium	23-2	48323.71	48264.63	48133.17	48240.50	0.20	ppb
Strontium	86-1	489.65	488.31	488.28	488.74	0.16	ppb
Strontium	88-1	482.66	485.79	486.81	485.08	0.45	ppb
Sulfur	34-1	9735.25	9704.12	9920.85	9786.74	1.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	491.91	495.87	490.10	492.63	0.60	ppb
Thallium	205-1	489.60	489.41	489.65	489.55	0.03	ppb
Tin	118-1	496.63	490.79	491.90	493.11	0.63	ppb
Titanium	47-1	491.73	484.20	489.25	488.39	0.79	ppb
Uranium	238-1	475.14	484.36	483.00	480.83	1.04	ppb
Vanadium	51-2	489.47	489.18	492.58	490.41	0.38	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	989.06	995.42	1004.23	996.23	0.76	ppb
Zirconium	90-1	477.44	480.70	482.02	480.05	0.49	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BS	Instrumnet Name :	P7
Client Sample ID :	PB97027BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:47:25	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.93	498.18	498.49	496.87	0.51	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:50:56	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10072.66	9793.11	9985.32	9950.37	1.44	ppb
Antimony	121-1	499.15	498.46	492.64	496.75	0.72	ppb
Arsenic	75-2	495.42	491.23	487.72	491.46	0.78	ppb
Barium	135-1	2497.29	2467.46	2461.10	2475.28	0.78	ppb
Barium	137-1	2475.06	2472.61	2445.09	2464.25	0.68	ppb
Beryllium	9-1	488.25	494.20	498.47	493.64	1.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	468.14	476.52	494.39	479.68	2.79	ppb
Boron	11-1	473.72	480.51	494.80	483.01	2.23	ppb
Cadmium	106-1	497.05	497.75	482.82	492.54	1.71	ppb
Cadmium	108-1	505.74	488.83	496.90	497.16	1.70	ppb
Cadmium	111-1	501.52	500.99	497.17	499.90	0.47	ppb
Calcium	43-1	48298.30	48221.74	48837.64	48452.56	0.69	ppb
Calcium	44-1	47110.16	47472.77	47998.79	47527.24	0.94	ppb
Chromium	52-2	506.51	501.78	502.83	503.71	0.49	ppb
Cobalt	59-2	513.03	505.34	509.78	509.39	0.76	ppb
Copper	63-2	1036.17	1023.78	1029.09	1029.68	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23759.63	23192.54	23205.50	23385.89	1.38	ppb
Iron	57-2	23915.41	23630.13	23741.20	23762.24	0.61	ppb
Lead	206-1	503.10	502.82	503.09	503.00	0.03	ppb
Lead	207-1	500.33	494.23	499.20	497.92	0.65	ppb
Lead	208-1	500.20	496.00	499.33	498.51	0.44	ppb
Lithium	6-1						%
Magnesium	24-2	49463.16	49003.80	48981.42	49149.46	0.55	ppb
Manganese	55-2	1012.00	1005.72	1013.47	1010.39	0.41	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:50:56	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	503.73	499.64	507.26	503.54	0.76	ppb
Molybdenum	95-1	507.04	502.05	508.97	506.02	0.71	ppb
Molybdenum	96-1	504.34	500.96	509.51	504.94	0.85	ppb
Molybdenum	97-1	504.83	497.49	507.92	503.41	1.06	ppb
Molybdenum	98-1	510.86	504.03	509.60	508.16	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.86	503.68	509.10	508.21	0.82	ppb
Phosphorus	31-2	9818.10	10187.63	10159.56	10055.10	2.05	ppb
Potassium	39-2	24343.89	23953.28	24362.48	24219.88	0.95	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	477.13	468.87	485.19	477.06	1.71	ppb
Selenium	78-2	494.89	500.80	489.00	494.90	1.19	ppb
Selenium	82-1	502.88	498.83	497.16	499.62	0.59	ppb
Silicon	28-1	516.93	524.82	521.37	521.04	0.76	ppb
Silver	107-1	499.57	492.96	493.74	495.42	0.73	ppb
Silver	109-1	500.45	496.31	494.14	496.97	0.65	ppb
Sodium	23-2	50051.04	48763.67	49377.21	49397.31	1.30	ppb
Strontium	86-1	503.22	498.79	503.33	501.78	0.52	ppb
Strontium	88-1	498.08	496.27	496.36	496.90	0.20	ppb
Sulfur	34-1	9499.59	9573.27	9616.92	9563.26	0.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.85	497.49	504.92	502.09	0.80	ppb
Thallium	205-1	499.70	496.89	497.88	498.16	0.29	ppb
Tin	118-1	506.29	503.73	503.01	504.34	0.34	ppb
Titanium	47-1	494.12	491.78	503.66	496.52	1.27	ppb
Uranium	238-1	486.88	490.62	487.54	488.35	0.41	ppb
Vanadium	51-2	502.20	499.68	502.19	501.36	0.29	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1026.04	1009.61	1023.61	1019.75	0.87	ppb
Zirconium	90-1	491.86	485.18	493.64	490.22	0.91	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:50:56	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.32	503.06	508.45	506.94	0.67	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 18:00:11	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.50	0.07	0.21	114.31	ppb
Antimony	121-1	1.06	1.48	1.51	1.35	18.54	ppb
Arsenic	75-2	0.15	0.16	0.12	0.14	15.64	ppb
Barium	135-1	0.07	0.06	0.06	0.06	9.27	ppb
Barium	137-1	0.08	0.04	0.06	0.06	33.34	ppb
Beryllium	9-1	0.09	0.07	0.06	0.08	15.75	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	5.59	6.24	5.98	5.94	5.49	ppb
Boron	11-1	5.26	5.43	5.44	5.37	1.83	ppb
Cadmium	111-1	-0.02	-0.15	0.03	-0.05		ppb
Cadmium	106-1	-0.28	-2.09	0.30	-0.69		ppb
Cadmium	108-1	0.10	0.03	0.03	0.05	82.13	ppb
Calcium	43-1	4.06	0.93	-0.47	1.50	154.09	ppb
Calcium	44-1	1.19	2.35	0.80	1.45	55.52	ppb
Chromium	52-2	0.04	0.02	0.01	0.02	71.29	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	10.16	ppb
Copper	63-2	0.09	0.06	0.04	0.06	38.15	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	0.62	0.75	0.60	0.66	12.33	ppb
Iron	57-2	-0.56	-0.80	0.09	-0.42		ppb
Lead	206-1	-0.01	-0.01	0.03	0.00	501.18	ppb
Lead	207-1	-0.01	0.02	0.02	0.01	161.62	ppb
Lead	208-1	0.02	0.03	0.02	0.02	15.42	ppb
Lithium	6-1						%
Magnesium	24-2	1.00	0.82	0.74	0.85	15.75	ppb
Manganese	55-2	0.05	0.05	0.03	0.05	26.70	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 18:00:11	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.20	0.17	0.16	23.85	ppb
Molybdenum	95-1	0.28	0.40	0.38	0.35	17.97	ppb
Molybdenum	96-1	0.25	0.38	0.45	0.36	28.38	ppb
Molybdenum	97-1	0.27	0.34	0.36	0.32	15.77	ppb
Molybdenum	98-1	0.29	0.41	0.40	0.37	18.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.03	-0.01		ppb
Phosphorus	31-2	9.38	-11.91	-11.83	-4.79		ppb
Potassium	39-2	4.37	3.34	-0.90	2.27	123.22	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	82-1	1.08	0.96	1.22	1.09	12.33	ppb
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	1.10	1.31	-0.45	0.65	146.77	ppb
Silicon	28-1	0.04	7.34	3.85	3.74	97.61	ppb
Silver	109-1	0.01	0.01	0.02	0.01	41.37	ppb
Silver	107-1	0.02	0.01	0.03	0.02	77.19	ppb
Sodium	23-2	7.37	9.09	7.23	7.90	13.08	ppb
Strontium	86-1	0.01	-0.11	0.08	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-972.14	-424.06	-679.00	-691.73		ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	0.03	0.02	0.04	0.03	21.62	ppb
Thallium	205-1	0.00	0.02	0.02	0.02	62.76	ppb
Tin	118-1	0.13	0.19	0.25	0.19	30.61	ppb
Titanium	47-1	-0.01	-0.13	-0.11	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	67.10	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	152.92	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.25	0.09	0.16	0.17	46.43	ppb
Zirconium	90-1	0.05	0.06	0.08	0.06	24.68	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 18:00:11	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.08	0.04	0.05	57.63	ppb

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:00:43	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	0	6	86.60	cps
Antimony	121-1	58	50	75	61	20.83	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	0	0	17	6	173.21	cps
Barium	137-1	8	25	8	14	69.31	cps
Beryllium	9-1	22	17	6	15	57.25	cps
Bismuth	209-1	1808369	1821843	1805725	1811979	0.48	cps
Bismuth	209-2	1203155	1214479	1225150	1214261	0.91	cps
Boron	10-1	25	17	17	19	24.73	cps
Boron	11-1	133	50	117	100	44.10	cps
Cadmium	106-1	833	808	950	864	8.75	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Cadmium	111-1	580	570	662	604	8.35	cps
Calcium	43-1	50	100	100	83	34.64	cps
Calcium	44-1	4101	3817	4117	4012	4.20	cps
Chromium	52-2	283	277	267	276	3.04	cps
Cobalt	59-2	43	27	37	36	23.58	cps
Copper	63-2	120	120	157	132	16.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Gadolinium	160-1	0	25	17	14	91.65	cps
Holmium	165-2	1756467	1783780	1786849	1775699	0.94	cps
Holmium	165-1	3083391	3109694	3073003	3088696	0.61	cps
Indium	115-1	2797878	2797367	2804250	2799832	0.14	cps
Indium	115-2	545191	547847	550095	547711	0.45	cps
Iron	56-2	1406	1367	1395	1389	1.44	cps
Iron	57-2	44	33	50	43	19.93	cps
Lead	206-1	244	250	161	219	22.79	cps
Lead	207-1	200	189	128	172	22.58	cps
Lead	208-1	800	911	644	785	17.06	cps
Lithium	6-1	495585	486578	485756	489307	1.11	cps
Magnesium	24-2	92	75	133	100	30.05	cps
Manganese	55-2	17	20	13	17	20.01	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:00:43	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	125	8	78	78.98	cps
Molybdenum	95-1	17	42	25	28	45.82	cps
Molybdenum	96-1	67	33	67	56	34.65	cps
Molybdenum	97-1	25	25	33	28	17.31	cps
Molybdenum	98-1	42	58	42	47	20.38	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	27	7	17	59.99	cps
Phosphorus	31-2	75	33	42	50	44.10	cps
Potassium	39-2	8603	9378	8978	8986	4.32	cps
Rhodium	103-2	1406518	1425624	1433344	1421829	0.97	cps
Rhodium	103-1	2763142	2761012	2770683	2764946	0.18	cps
Scandium	45-1	2692401	2697715	2674319	2688145	0.46	cps
Scandium	45-2	116311	117605	118922	117613	1.11	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	28	28	26	27	3.93	cps
Selenium	82-1	-47	4	-90	-44	-106.65	cps
Silicon	28-1	275733	276861	275757	276117	0.23	cps
Silver	109-1	0	17	33	17	99.99	cps
Silver	107-1	17	17	8	14	34.67	cps
Sodium	23-2	8069	8528	8019	8205	3.42	cps
Strontium	86-1	783	617	767	722	12.71	cps
Strontium	88-1	92	92	133	106	22.79	cps
Sulfur	34-1	178539	177596	173633	176590	1.47	cps
Terbium	159-1	3342344	3305129	3322893	3323455	0.56	cps
Terbium	159-2	1806498	1814401	1826376	1815758	0.55	cps
Thallium	203-1	17	8	8	11	43.34	cps
Thallium	205-1	25	75	67	56	48.22	cps
Tin	118-1	167	175	217	186	14.40	cps
Titanium	47-1	158	108	75	114	36.83	cps
Uranium	238-1	17	33	25	25	33.32	cps
Vanadium	51-2	7	0	0	2	173.21	cps
Yttrium	89-2	508361	514189	516070	512873	0.78	cps
Yttrium	89-1	3581597	3581680	3576850	3580042	0.08	cps
Zinc	66-2	23	17	37	26	39.85	cps
Zirconium	90-1	233	142	167	181	26.25	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:00:43	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25	58	42	42	40.00	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:08:33	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833	1125	725	895	23.13	cps
Antimony	121-1	6093	6460	6268	6274	2.92	cps
Arsenic	75-2	119	111	144	125	14.04	cps
Barium	135-1	7778	7402	7752	7644	2.74	cps
Barium	137-1	12998	13482	13440	13307	2.01	cps
Beryllium	9-1	656	644	572	624	7.25	cps
Bismuth	209-2	1243436	1252234	1257101	1250923	0.55	cps
Bismuth	209-1	1904764	1869358	1882516	1885546	0.95	cps
Boron	10-1	2725	2700	2375	2600	7.51	cps
Boron	11-1	11989	12497	12431	12305	2.25	cps
Cadmium	111-1	1386	1284	1317	1329	3.92	cps
Cadmium	106-1	900	1008	867	925	8.01	cps
Cadmium	108-1	63	67	63	64	3.77	cps
Calcium	43-1	7185	6718	7069	6991	3.48	cps
Calcium	44-1	113525	112417	111391	112444	0.95	cps
Chromium	52-2	2914	3054	2864	2944	3.35	cps
Cobalt	59-2	2060	2214	2027	2100	4.74	cps
Copper	63-2	2727	2794	2870	2797	2.57	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Erbium	164-1	25	50	17	31	56.77	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Holmium	165-1	3078698	3088663	3069275	3078879	0.31	cps
Holmium	165-2	1808425	1831946	1840531	1826967	0.91	cps
Indium	115-1	2892749	2883112	2886944	2887602	0.17	cps
Indium	115-2	562454	564591	564664	563903	0.22	cps
Iron	56-2	50046	50899	50241	50396	0.89	cps
Iron	57-2	1239	1278	1222	1246	2.29	cps
Lead	206-1	2267	2084	2250	2200	4.61	cps
Lead	207-1	1900	1789	2145	1945	9.36	cps
Lead	208-1	8718	8418	8896	8677	2.78	cps
Lithium	6-1	506845	504291	500670	503935	0.62	cps
Magnesium	24-2	51916	53363	52342	52540	1.42	cps
Manganese	55-2	663	627	710	667	6.27	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:08:33	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7335	6610	7344	7096	5.94	cps
Molybdenum	95-1	8886	8911	8861	8886	0.28	cps
Molybdenum	96-1	9845	9962	9704	9837	1.32	cps
Molybdenum	97-1	5526	5601	5643	5590	1.06	cps
Molybdenum	98-1	14358	14408	14224	14330	0.66	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	477	593	470	513	13.51	cps
Phosphorus	31-2	108	50	92	83	36.06	cps
Potassium	39-2	53530	52150	53698	53126	1.60	cps
Rhodium	103-1	2858350	2838654	2842558	2846521	0.37	cps
Rhodium	103-2	1450829	1459765	1458312	1456302	0.33	cps
Scandium	45-2	119255	120794	119554	119868	0.68	cps
Scandium	45-1	2746417	2727894	2734819	2736376	0.34	cps
Selenium	82-1	340	256	251	282	17.74	cps
Selenium	77-2	13	10	3	9	57.30	cps
Selenium	78-2	59	50	65	58	12.90	cps
Silicon	28-1	295444	297089	294377	295637	0.46	cps
Silver	109-1	2659	2925	2917	2834	5.35	cps
Silver	107-1	2784	2825	2867	2825	1.47	cps
Sodium	23-2	110740	110487	110705	110644	0.12	cps
Strontium	86-1	2017	1950	2175	2047	5.65	cps
Strontium	88-1	10771	11363	11397	11177	3.15	cps
Sulfur	34-1	178177	181567	181313	180352	1.05	cps
Terbium	159-1	3321894	3301369	3323231	3315498	0.37	cps
Terbium	159-2	1851964	1885234	1870899	1869366	0.89	cps
Thallium	203-1	2300	2417	2200	2306	4.70	cps
Thallium	205-1	5476	5660	5568	5568	1.65	cps
Tin	118-1	13115	12222	12623	12653	3.53	cps
Titanium	47-1	3217	3242	3142	3200	1.63	cps
Uranium	238-1	8812	9362	9137	9104	3.04	cps
Vanadium	51-2	5568	5514	5531	5538	0.49	cps
Yttrium	89-1	3579307	3544423	3590765	3571498	0.68	cps
Yttrium	89-2	524800	523956	525740	524832	0.17	cps
Zinc	66-2	360	340	333	344	4.03	cps
Zirconium	90-1	5009	5351	4234	4865	11.77	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:08:33	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1150	942	1200	1097	12.49	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:12:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39127	39762	40280	39723	1.45	cps
Antimony	121-1	138317	135347	134237	135967	1.55	cps
Arsenic	75-2	5953	6036	6470	6153	4.51	cps
Barium	135-1	199106	200009	201337	200151	0.56	cps
Barium	137-1	346119	347249	344660	346009	0.38	cps
Beryllium	9-1	32669	32624	32697	32663	0.11	cps
Bismuth	209-1	1911877	1921176	1909003	1914019	0.33	cps
Bismuth	209-2	1233446	1253431	1253601	1246826	0.93	cps
Boron	10-1	4643	4909	4868	4807	2.99	cps
Boron	11-1	24112	24780	25188	24693	2.20	cps
Cadmium	106-1	5084	4543	5376	5001	8.46	cps
Cadmium	108-1	2817	2775	2821	2805	0.90	cps
Cadmium	111-1	38736	38599	38733	38689	0.20	cps
Calcium	43-1	70226	70200	68652	69692	1.29	cps
Calcium	44-1	1114911	1116443	1106977	1112777	0.46	cps
Chromium	52-2	67735	67979	67995	67903	0.22	cps
Cobalt	59-2	99508	101263	101279	100683	1.01	cps
Copper	63-2	134632	134259	136266	135052	0.79	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-2	10	7	7	8	24.71	cps
Erbium	164-1	25	17	0	14	91.65	cps
Gadolinium	160-1	8	17	42	22	78.07	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-2	1822842	1841974	1842311	1835709	0.61	cps
Holmium	165-1	3069871	3082604	3051815	3068097	0.50	cps
Indium	115-2	558961	559261	560064	559429	0.10	cps
Indium	115-1	2898987	2904020	2891658	2898222	0.21	cps
Iron	56-2	2432797	2419796	2453659	2435417	0.70	cps
Iron	57-2	62159	61529	62433	62040	0.75	cps
Lead	206-1	100304	101064	99806	100391	0.63	cps
Lead	207-1	91268	91967	93286	92174	1.11	cps
Lead	208-1	410652	413441	413005	412366	0.36	cps
Lithium	6-1	511245	502907	507538	507230	0.82	cps
Magnesium	24-2	523150	525851	534473	527825	1.12	cps
Manganese	55-2	68351	67246	67598	67732	0.83	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:12:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	179326	176839	173693	176619	1.60	cps
Molybdenum	95-1	94906	91182	92700	92930	2.02	cps
Molybdenum	96-1	118590	118295	117438	118107	0.51	cps
Molybdenum	97-1	58672	57584	58595	58284	1.04	cps
Molybdenum	98-1	147674	147802	146916	147464	0.32	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	25910	25840	26113	25954	0.55	cps
Phosphorus	31-2	1909	2142	2059	2036	5.81	cps
Potassium	39-2	230960	235838	234754	233851	1.10	cps
Rhodium	103-2	1437631	1446992	1446757	1443794	0.37	cps
Rhodium	103-1	2833146	2839391	2830280	2834272	0.16	cps
Scandium	45-1	2730153	2753986	2736709	2740283	0.45	cps
Scandium	45-2	116990	117454	118516	117653	0.66	cps
Selenium	77-2	103	93	100	99	5.15	cps
Selenium	78-2	400	502	396	433	13.84	cps
Selenium	82-1	2806	2596	2755	2719	4.04	cps
Silicon	28-1	425272	425835	418897	423335	0.91	cps
Silver	107-1	195184	193605	191645	193478	0.92	cps
Silver	109-1	183306	184107	180907	182773	0.91	cps
Sodium	23-2	1039820	1051163	1056611	1049198	0.82	cps
Strontium	86-1	68898	68615	69083	68865	0.34	cps
Strontium	88-1	593628	591337	586736	590567	0.59	cps
Sulfur	34-1	196039	193919	195102	195020	0.54	cps
Terbium	159-1	3324774	3305227	3277269	3302423	0.72	cps
Terbium	159-2	1851239	1867707	1875236	1864727	0.66	cps
Thallium	203-1	122713	121172	119399	121095	1.37	cps
Thallium	205-1	285979	288175	289046	287733	0.55	cps
Tin	118-1	131534	131526	130636	131232	0.39	cps
Titanium	47-1	32737	33640	33280	33219	1.37	cps
Uranium	238-1	451755	453260	456230	453748	0.50	cps
Vanadium	51-2	57063	58027	58023	57705	0.96	cps
Yttrium	89-2	517898	514575	520315	517596	0.56	cps
Yttrium	89-1	3527086	3533612	3534868	3531855	0.12	cps
Zinc	66-2	16620	16570	16897	16695	1.05	cps
Zirconium	90-1	340453	334463	334879	336598	0.99	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:12:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	74033	76722	75591	75449	1.79	cps

LB Number : LB85983 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-22 16:16:20 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99925	98901	101359	100062	1.23	cps
Antimony	121-1	388955	386757	379522	385078	1.28	cps
Arsenic	75-2	15419	15525	15764	15570	1.13	cps
Barium	135-1	500824	500437	501119	500793	0.07	cps
Barium	137-1	863868	856752	861578	860733	0.42	cps
Beryllium	9-1	81267	80675	82250	81397	0.98	cps
Bismuth	209-1	1874946	1921666	1917517	1904710	1.36	cps
Bismuth	209-2	1224863	1240016	1250106	1238328	1.03	cps
Boron	10-1	11255	12322	12197	11925	4.89	cps
Boron	11-1	60873	62404	63074	62117	1.82	cps
Cadmium	106-1	10896	11121	11614	11210	3.27	cps
Cadmium	108-1	7423	6885	7377	7228	4.12	cps
Cadmium	111-1	95853	96225	95918	95999	0.21	cps
Calcium	43-1	173808	174568	176069	174815	0.66	cps
Calcium	44-1	2724444	2720824	2716882	2720717	0.14	cps
Chromium	52-2	167670	169025	169511	168735	0.57	cps
Cobalt	59-2	248291	251185	254223	251233	1.18	cps
Copper	63-2	332687	334852	337785	335108	0.76	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Dysprosium	156-1	25	8	33	22	57.30	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Gadolinium	160-1	25	8	17	17	50.01	cps
Holmium	165-1	3013002	3046091	3077640	3045578	1.06	cps
Holmium	165-2	1818113	1843136	1845244	1835497	0.82	cps
Indium	115-2	549260	555407	561727	555465	1.12	cps
Indium	115-1	2852094	2890349	2895234	2879226	0.82	cps
Iron	56-2	5829348	5893170	5894016	5872178	0.63	cps
Iron	57-2	152679	154925	154155	153920	0.74	cps
Lead	206-1	253266	253052	253372	253230	0.06	cps
Lead	207-1	229628	231275	228759	229887	0.56	cps
Lead	208-1	1026283	1034419	1030885	1030529	0.40	cps
Lithium	6-1	499001	497458	504264	500241	0.71	cps
Magnesium	24-2	1304548	1308647	1307709	1306968	0.16	cps
Manganese	55-2	167254	167817	170827	168633	1.14	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:16:20	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	443139	445336	445950	444808	0.33	cps
Molybdenum	95-1	233877	232667	234704	233750	0.44	cps
Molybdenum	96-1	303018	298656	298400	300025	0.87	cps
Molybdenum	97-1	144693	144702	143195	144197	0.60	cps
Molybdenum	98-1	378769	371128	369009	372968	1.38	cps
Neodymium	150-1	33	20	27	27	25.01	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	64129	65743	64702	64858	1.26	cps
Phosphorus	31-2	5259	4943	5301	5168	3.79	cps
Potassium	39-2	569432	575687	581444	575521	1.04	cps
Rhodium	103-2	1418968	1438106	1438462	1431845	0.78	cps
Rhodium	103-1	2793872	2833166	2844593	2823877	0.94	cps
Scandium	45-1	2697953	2710166	2743383	2717167	0.87	cps
Scandium	45-2	115909	118156	118973	117679	1.35	cps
Selenium	77-2	310	247	263	273	12.01	cps
Selenium	78-2	943	911	993	949	4.33	cps
Selenium	82-1	6949	6866	6784	6867	1.20	cps
Silicon	28-1	627379	627325	622282	625662	0.47	cps
Silver	107-1	474339	476785	486379	479168	1.33	cps
Silver	109-1	454966	449409	454616	452997	0.69	cps
Sodium	23-2	2588722	2590029	2588273	2589008	0.04	cps
Strontium	86-1	173063	173451	172978	173164	0.15	cps
Strontium	88-1	1443662	1456290	1454799	1451584	0.48	cps
Sulfur	34-1	217336	217802	217158	217432	0.15	cps
Terbium	159-2	1852160	1876617	1885642	1871473	0.93	cps
Terbium	159-1	3236808	3256065	3292547	3261807	0.87	cps
Thallium	203-1	302589	305860	304970	304473	0.56	cps
Thallium	205-1	719324	724543	718564	720811	0.45	cps
Tin	118-1	332056	331669	329295	331006	0.45	cps
Titanium	47-1	82087	83561	83428	83025	0.98	cps
Uranium	238-1	1127044	1139168	1139255	1135156	0.62	cps
Vanadium	51-2	142635	145270	144482	144129	0.94	cps
Yttrium	89-2	514652	519852	522661	519055	0.78	cps
Yttrium	89-1	3454783	3508229	3540385	3501132	1.24	cps
Zinc	66-2	40499	41171	41867	41179	1.66	cps
Zirconium	90-1	855344	861351	865756	860817	0.61	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:16:20	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	194706	195381	194216	194768	0.30	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:20:12	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	196565	198396	200687	198549	1.04	cps
Antimony	121-1	803729	795838	805514	801693	0.64	cps
Arsenic	75-2	31443	31733	31608	31595	0.46	cps
Barium	135-1	1007452	1000680	1008730	1005621	0.43	cps
Barium	137-1	1720053	1713273	1705604	1712977	0.42	cps
Beryllium	9-1	161049	162803	161981	161944	0.54	cps
Bismuth	209-2	1244487	1253743	1255493	1251241	0.47	cps
Bismuth	209-1	1887756	1893468	1912814	1898013	0.69	cps
Boron	10-1	24654	24287	24921	24621	1.29	cps
Boron	11-1	123333	122620	126525	124159	1.67	cps
Cadmium	111-1	193084	192962	193383	193143	0.11	cps
Cadmium	106-1	22427	22844	22193	22488	1.47	cps
Cadmium	108-1	14399	14061	13978	14146	1.58	cps
Calcium	43-1	354068	355123	352127	353772	0.43	cps
Calcium	44-1	5483718	5496135	5478379	5486077	0.17	cps
Chromium	52-2	336510	337889	340726	338375	0.64	cps
Cobalt	59-2	500080	504586	502803	502490	0.45	cps
Copper	63-2	665486	668315	672922	668907	0.56	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Erbium	164-1	25	42	8	25	66.68	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Holmium	165-1	3034284	3055963	3080626	3056958	0.76	cps
Holmium	165-2	1848190	1861219	1867337	1858915	0.53	cps
Indium	115-2	554914	558838	559101	557618	0.42	cps
Indium	115-1	2887481	2901179	2912534	2900398	0.43	cps
Iron	56-2	11694428	11766517	11803134	11754693	0.47	cps
Iron	57-2	309869	308762	308682	309104	0.21	cps
Lead	206-1	498914	500706	499784	499801	0.18	cps
Lead	207-1	459054	459108	461297	459820	0.28	cps
Lead	208-1	2035599	2039450	2049653	2041567	0.36	cps
Lithium	6-1	499798	495890	496273	497320	0.43	cps
Magnesium	24-2	2563416	2562515	2575295	2567075	0.28	cps
Manganese	55-2	339067	340354	340712	340044	0.25	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:20:12	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	889278	890140	895796	891738	0.40	cps
Molybdenum	95-1	477782	477332	472920	476012	0.56	cps
Molybdenum	96-1	612088	609906	611752	611249	0.19	cps
Molybdenum	97-1	294322	296625	295824	295590	0.40	cps
Molybdenum	98-1	757408	757790	752491	755896	0.39	cps
Neodymium	150-1	47	33	27	36	28.64	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	128299	128500	130619	129139	1.00	cps
Phosphorus	31-2	10554	10387	10663	10535	1.32	cps
Potassium	39-2	1134622	1141032	1151048	1142234	0.72	cps
Rhodium	103-2	1433078	1447731	1447158	1442656	0.58	cps
Rhodium	103-1	2814971	2819089	2832890	2822317	0.33	cps
Scandium	45-1	2709537	2720798	2730735	2720357	0.39	cps
Scandium	45-2	119460	121133	119389	119994	0.82	cps
Selenium	77-2	550	573	527	550	4.24	cps
Selenium	78-2	1839	1835	1926	1867	2.75	cps
Selenium	82-1	14188	13881	14156	14075	1.20	cps
Silicon	28-1	976498	976891	979420	977603	0.16	cps
Silver	109-1	904765	907044	905847	905886	0.13	cps
Silver	107-1	955401	961370	964184	960318	0.47	cps
Sodium	23-2	5122454	5102042	5177549	5134015	0.76	cps
Strontium	86-1	348005	347081	348815	347967	0.25	cps
Strontium	88-1	2861612	2896302	2865635	2874516	0.66	cps
Sulfur	34-1	267959	267332	263091	266127	1.00	cps
Terbium	159-1	3221631	3269593	3294145	3261790	1.13	cps
Terbium	159-2	1885073	1903565	1902242	1896960	0.54	cps
Thallium	203-1	609358	607749	609395	608834	0.15	cps
Thallium	205-1	1430785	1430079	1427036	1429300	0.14	cps
Tin	118-1	668656	667064	671333	669018	0.32	cps
Titanium	47-1	170381	170456	169960	170266	0.16	cps
Uranium	238-1	2237800	2243971	2249340	2243704	0.26	cps
Vanadium	51-2	290520	289048	291461	290343	0.42	cps
Yttrium	89-2	521052	524939	525389	523793	0.46	cps
Yttrium	89-1	3496557	3516615	3519672	3510948	0.36	cps
Zinc	66-2	81767	82488	83071	82442	0.79	cps
Zirconium	90-1	1723287	1715328	1721760	1720125	0.25	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:20:12	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392510	391403	394862	392925	0.45	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:24:02	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395202	397049	394147	395466	0.37	cps
Antimony	121-1	1638239	1636130	1636813	1637060	0.07	cps
Arsenic	75-2	64618	64109	64721	64483	0.51	cps
Barium	135-1	1989921	2004499	2009963	2001461	0.52	cps
Barium	137-1	3428147	3432386	3417958	3426164	0.22	cps
Beryllium	9-1	322661	319932	321432	321342	0.43	cps
Bismuth	209-2	1258859	1228584	1258424	1248622	1.39	cps
Bismuth	209-1	1897532	1917200	1931004	1915246	0.88	cps
Boron	10-1	48445	49105	48612	48721	0.70	cps
Boron	11-1	243020	250014	255555	249530	2.52	cps
Cadmium	106-1	42782	42765	43927	43158	1.54	cps
Cadmium	108-1	28341	28880	29047	28756	1.28	cps
Cadmium	111-1	383151	383170	384874	383732	0.26	cps
Calcium	43-1	712145	711243	716052	713147	0.36	cps
Calcium	44-1	10986162	11062003	11097767	11048644	0.52	cps
Chromium	52-2	669143	677608	674877	673876	0.64	cps
Cobalt	59-2	997166	1009218	1001281	1002555	0.61	cps
Copper	63-2	1309646	1318291	1318475	1315471	0.38	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Dysprosium	156-1	50	42	0	31	87.67	cps
Erbium	164-1	17	25	0	14	91.65	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Holmium	165-1	3062846	3084260	3102309	3083138	0.64	cps
Holmium	165-2	1885895	1853467	1887792	1875718	1.03	cps
Indium	115-2	561434	551896	564352	559227	1.16	cps
Indium	115-1	2935078	2929602	2952153	2938944	0.40	cps
Iron	56-2	23319404	23484790	23262280	23355491	0.49	cps
Iron	57-2	618741	627853	621326	622640	0.75	cps
Lead	206-1	993366	998126	998389	996627	0.28	cps
Lead	207-1	910584	905591	914831	910335	0.51	cps
Lead	208-1	4020046	4009941	4040759	4023582	0.39	cps
Lithium	6-1	492644	497196	504521	498120	1.20	cps
Magnesium	24-2	5202592	5199549	5163399	5188513	0.42	cps
Manganese	55-2	675511	680011	678744	678088	0.34	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:24:02	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1786255	1784367	1792352	1787658	0.23	cps
Molybdenum	95-1	962501	960284	957152	959979	0.28	cps
Molybdenum	96-1	1225608	1228781	1221938	1225442	0.28	cps
Molybdenum	97-1	597256	596769	595501	596509	0.15	cps
Molybdenum	98-1	1514540	1510365	1507599	1510835	0.23	cps
Neodymium	150-1	113	120	60	98	33.63	cps
Neodymium	150-2	17	10	7	11	45.82	cps
Nickel	60-2	256542	257854	256412	256936	0.31	cps
Phosphorus	31-2	20465	20281	20840	20529	1.39	cps
Potassium	39-2	2270883	2267589	2275472	2271315	0.17	cps
Rhodium	103-2	1452678	1422691	1447014	1440795	1.11	cps
Rhodium	103-1	2847266	2842964	2876488	2855573	0.64	cps
Scandium	45-2	121580	118365	120404	120116	1.35	cps
Scandium	45-1	2774298	2788414	2807680	2790131	0.60	cps
Selenium	82-1	28484	28402	28289	28392	0.35	cps
Selenium	77-2	1053	1037	1237	1109	10.01	cps
Selenium	78-2	3862	3849	3739	3817	1.76	cps
Silicon	28-1	1723587	1733205	1739697	1732163	0.47	cps
Silver	107-1	1888710	1886433	1902140	1892427	0.45	cps
Silver	109-1	1786175	1784122	1784839	1785045	0.06	cps
Sodium	23-2	10281432	10269525	10207983	10252980	0.38	cps
Strontium	86-1	704784	702446	703413	703548	0.17	cps
Strontium	88-1	5865110	5920789	5891769	5892556	0.47	cps
Sulfur	34-1	367575	372045	367451	369023	0.71	cps
Terbium	159-2	1915681	1892860	1931832	1913458	1.02	cps
Terbium	159-1	3285891	3335600	3312997	3311496	0.75	cps
Thallium	203-1	1202678	1193346	1201881	1199301	0.43	cps
Thallium	205-1	2773816	2803256	2791141	2789404	0.53	cps
Tin	118-1	1337798	1332295	1336938	1335677	0.22	cps
Titanium	47-1	337413	340412	341543	339789	0.63	cps
Uranium	238-1	4525477	4546824	4470558	4514286	0.87	cps
Vanadium	51-2	582583	586086	583492	584054	0.31	cps
Yttrium	89-2	533551	522408	534676	530212	1.28	cps
Yttrium	89-1	3569691	3553651	3605248	3576196	0.74	cps
Zinc	66-2	163544	163776	163877	163732	0.10	cps
Zirconium	90-1	3373263	3461556	3387329	3407383	1.39	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:24:02	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	788334	778919	791943	786399	0.86	cps

LB Number : LB85983 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-22 16:27:48 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	795674	798169	797267	797037	0.16	cps
Antimony	121-1	3365372	3260685	3320913	3315657	1.58	cps
Arsenic	75-2	129769	132144	131934	131282	1.00	cps
Barium	135-1	4036096	4061593	4019705	4039131	0.52	cps
Barium	137-1	6884950	6909527	6786739	6860406	0.95	cps
Beryllium	9-1	632657	634101	637109	634622	0.36	cps
Bismuth	209-1	1847561	1848645	1855469	1850558	0.23	cps
Bismuth	209-2	1225573	1238723	1273283	1245860	1.98	cps
Boron	10-1	97160	96783	100440	98128	2.05	cps
Boron	11-1	493445	502340	512443	502743	1.89	cps
Cadmium	106-1	85952	86137	85440	85843	0.42	cps
Cadmium	108-1	57658	57232	56152	57014	1.36	cps
Cadmium	111-1	753424	761863	756480	757256	0.56	cps
Calcium	43-1	1428303	1433545	1430266	1430704	0.19	cps
Calcium	44-1	22458491	22405849	22278570	22380970	0.41	cps
Chromium	52-2	1350308	1358970	1357549	1355609	0.34	cps
Cobalt	59-2	1967193	1978119	1981155	1975489	0.37	cps
Copper	63-2	2554957	2578414	2586684	2573352	0.64	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Dysprosium	156-1	83	33	67	61	41.67	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-2	13	13	17	14	13.35	cps
Gadolinium	160-1	0	33	25	19	89.21	cps
Holmium	165-1	3054749	3075172	3036416	3055445	0.63	cps
Holmium	165-2	1878469	1890722	1933135	1900775	1.51	cps
Indium	115-2	549636	555578	566964	557393	1.58	cps
Indium	115-1	2867312	2902213	2898121	2889216	0.66	cps
Iron	56-2	46768934	47239184	47062946	47023688	0.51	cps
Iron	57-2	1228331	1245492	1242294	1238706	0.74	cps
Lead	207-1	1788310	1789293	1794253	1790619	0.18	cps
Lead	208-1	7903929	7864187	7869695	7879270	0.27	cps
Lead	206-1	1916278	1923012	1929182	1922824	0.34	cps
Lithium	6-1	492577	491351	490741	491556	0.19	cps
Magnesium	24-2	10485096	10471758	10481687	10479514	0.07	cps
Manganese	55-2	1351964	1358709	1367179	1359284	0.56	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:27:48	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3594308	3614274	3566786	3591789	0.66	cps
Molybdenum	95-1	1901540	1905124	1896803	1901156	0.22	cps
Molybdenum	96-1	2437924	2456153	2443098	2445725	0.38	cps
Molybdenum	97-1	1206335	1203602	1200695	1203544	0.23	cps
Molybdenum	98-1	3010962	3003901	3005948	3006937	0.12	cps
Neodymium	150-1	187	153	140	160	15.02	cps
Neodymium	150-2	20	20	13	18	21.66	cps
Nickel	60-2	512808	514622	516038	514489	0.31	cps
Phosphorus	31-2	42629	42219	42729	42525	0.64	cps
Potassium	39-2	4573189	4599670	4575893	4582917	0.32	cps
Rhodium	103-2	1415100	1419737	1461507	1432115	1.78	cps
Rhodium	103-1	2797353	2823510	2814194	2811686	0.47	cps
Scandium	45-2	121745	123492	125163	123467	1.38	cps
Scandium	45-1	2775668	2777419	2782163	2778417	0.12	cps
Selenium	77-2	2247	2237	2384	2289	3.58	cps
Selenium	78-2	7785	7543	7546	7625	1.82	cps
Selenium	82-1	56983	57297	57162	57147	0.28	cps
Silicon	28-1	3056523	3063890	3053227	3057880	0.18	cps
Silver	109-1	3566487	3553913	3556066	3558822	0.19	cps
Silver	107-1	3769764	3764171	3778909	3770948	0.20	cps
Sodium	23-2	20575673	20783599	20913304	20757525	0.82	cps
Strontium	86-1	1412320	1426332	1402483	1413712	0.85	cps
Strontium	88-1	11979462	12070349	11820605	11956805	1.06	cps
Sulfur	34-1	580858	581714	577235	579936	0.41	cps
Terbium	159-2	1899117	1929435	1958973	1929175	1.55	cps
Terbium	159-1	3245817	3294286	3255276	3265126	0.79	cps
Thallium	203-1	2351299	2349918	2328445	2343221	0.55	cps
Thallium	205-1	5455553	5495788	5489518	5480286	0.40	cps
Tin	118-1	2624667	2631867	2639538	2632024	0.28	cps
Titanium	47-1	689477	685526	690522	688508	0.38	cps
Uranium	238-1	9024400	8979560	8948239	8984066	0.43	cps
Vanadium	51-2	1177714	1187892	1188785	1184797	0.52	cps
Yttrium	89-2	531786	534695	548225	538235	1.63	cps
Yttrium	89-1	3551451	3580403	3571757	3567870	0.42	cps
Zinc	66-2	322499	327885	327923	326102	0.96	cps
Zirconium	90-1	6988234	7057387	7010331	7018651	0.50	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:27:48	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1563314	1568661	1567029	1566335	0.17	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:31:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3823068	3883883	3861543	3856164	0.80	cps
Antimony	121-1	12631	13348	13732	13237	4.22	cps
Arsenic	75-2	185	146	230	187	22.29	cps
Barium	135-1	1317	1308	1333	1320	0.96	cps
Barium	137-1	2142	2117	2059	2106	2.03	cps
Beryllium	9-1	189	161	133	161	17.24	cps
Bismuth	209-2	1098261	1115049	1122474	1111928	1.12	cps
Bismuth	209-1	1655399	1670116	1649997	1658504	0.63	cps
Boron	10-1	3942	3484	2709	3378	18.46	cps
Boron	11-1	18779	17302	15008	17030	11.16	cps
Cadmium	106-1	817	942	767	842	10.71	cps
Cadmium	108-1	33	21	8	21	60.01	cps
Cadmium	111-1	682	786	714	727	7.36	cps
Calcium	43-1	7132885	7043595	7098350	7091610	0.63	cps
Calcium	44-1	112129165	111469782	111748111	111782353	0.30	cps
Chromium	52-2	9924	9160	9727	9603	4.13	cps
Cobalt	59-2	1300	1390	1430	1373	4.85	cps
Copper	63-2	3901	3841	3887	3876	0.81	cps
Dysprosium	156-1	67	92	58	72	24.02	cps
Dysprosium	156-2	7	3	20	10	88.20	cps
Erbium	164-2	3	37	17	19	88.83	cps
Erbium	164-1	50	42	33	42	20.00	cps
Gadolinium	160-2	23	17	10	17	39.99	cps
Gadolinium	160-1	58	17	33	36	58.08	cps
Holmium	165-1	2869602	2905823	2936803	2904076	1.16	cps
Holmium	165-2	1788230	1804996	1804576	1799268	0.53	cps
Indium	115-2	527803	532557	536609	532323	0.83	cps
Indium	115-1	2703089	2704583	2672201	2693291	0.68	cps
Iron	56-2	235688044	238088194	237877316	237217852	0.56	cps
Iron	57-2	6160240	6195644	6205104	6186996	0.38	cps
Lead	206-1	6363	6769	6507	6546	3.14	cps
Lead	207-1	5596	5312	5524	5477	2.69	cps
Lead	208-1	25883	25944	25466	25764	1.01	cps
Lithium	6-1	456582	460363	457624	458190	0.43	cps
Magnesium	24-2	50540854	50825604	50969851	50778770	0.43	cps
Manganese	55-2	4577	4674	4577	4610	1.21	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:31:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3817	4568	5310	4565	16.34	cps
Molybdenum	95-1	5743	6819	7227	6596	11.62	cps
Molybdenum	96-1	8411	9754	10446	9537	10.85	cps
Molybdenum	97-1	3617	4409	5009	4345	16.07	cps
Molybdenum	98-1	9345	10112	11956	10471	12.81	cps
Neodymium	150-2	20	13	17	17	20.01	cps
Neodymium	150-1	60	47	80	62	26.96	cps
Nickel	60-2	1993	2100	2027	2040	2.68	cps
Phosphorus	31-2	42	42	67	50	28.87	cps
Potassium	39-2	22012681	22337254	22467711	22272549	1.05	cps
Rhodium	103-2	1273540	1281885	1287640	1281022	0.55	cps
Rhodium	103-1	2524207	2538822	2513720	2525583	0.50	cps
Scandium	45-1	2674494	2691441	2675686	2680540	0.35	cps
Scandium	45-2	113907	114689	115882	114826	0.87	cps
Selenium	82-1	107	105	75	96	18.84	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	37	35	35	8.19	cps
Silicon	28-1	331551	332965	331840	332119	0.22	cps
Silver	107-1	300	433	425	386	19.34	cps
Silver	109-1	342	317	375	344	8.50	cps
Sodium	23-2	98541500	98788548	99327017	98885688	0.41	cps
Strontium	86-1	41478	41143	40868	41163	0.74	cps
Strontium	88-1	349066	340659	343374	344366	1.25	cps
Sulfur	34-1	169487	172378	171864	171243	0.90	cps
Terbium	159-2	1817810	1827217	1844565	1829864	0.74	cps
Terbium	159-1	3074789	3139451	3131647	3115296	1.13	cps
Thallium	203-1	925	1108	808	947	15.97	cps
Thallium	205-1	2850	2184	2200	2411	15.77	cps
Tin	118-1	3367	3859	3876	3701	7.81	cps
Titanium	47-1	708	708	450	622	23.97	cps
Uranium	238-1	642	675	733	683	6.79	cps
Vanadium	51-2	217	213	210	213	1.56	cps
Yttrium	89-1	3353320	3438825	3387019	3393054	1.27	cps
Yttrium	89-2	509249	513544	518635	513809	0.91	cps
Zinc	66-2	2920	2717	2887	2841	3.84	cps
Zirconium	90-1	1842	1950	2192	1995	8.98	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:31:29	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	433	483	436	10.52	cps

LB Number : LB85983 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-22 16:35:17 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20490	20773	20965	20743	1.15	cps
Antimony	121-1	623264	619794	610389	617816	1.08	cps
Arsenic	75-2	25396	25281	25261	25313	0.29	cps
Barium	135-1	81791	80056	79820	80556	1.34	cps
Barium	137-1	140126	138434	139266	139275	0.61	cps
Beryllium	9-1	64130	62484	62763	63125	1.40	cps
Bismuth	209-1	1928274	1918023	1892513	1912937	0.96	cps
Bismuth	209-2	1246552	1288740	1291193	1275495	1.97	cps
Boron	10-1	58983	58463	57594	58347	1.20	cps
Boron	11-1	299748	299662	300835	300082	0.22	cps
Cadmium	111-1	79120	79978	79055	79385	0.65	cps
Cadmium	106-1	15567	16201	15292	15687	2.97	cps
Cadmium	108-1	8594	8303	8340	8412	1.89	cps
Calcium	43-1	32503	32921	31367	32264	2.49	cps
Calcium	44-1	493749	493706	489014	492156	0.55	cps
Chromium	52-2	131692	130850	130074	130872	0.62	cps
Cobalt	59-2	200959	201520	200665	201048	0.22	cps
Copper	63-2	134517	134649	135543	134903	0.41	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Erbium	164-1	42	75	42	53	36.46	cps
Erbium	164-2	7	27	17	17	59.99	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Holmium	165-1	3035489	2989373	2999593	3008151	0.81	cps
Holmium	165-2	1818722	1885780	1892527	1865676	2.19	cps
Indium	115-2	554348	570704	575136	566729	1.93	cps
Indium	115-1	2933730	2898874	2882588	2905064	0.90	cps
Iron	56-2	1001492	1009983	1009009	1006828	0.46	cps
Iron	57-2	25278	25100	24682	25020	1.22	cps
Lead	206-1	400622	398954	398849	399475	0.25	cps
Lead	207-1	352700	352555	350660	351972	0.32	cps
Lead	208-1	1600771	1598431	1588541	1595914	0.41	cps
Lithium	6-1	512105	510831	509138	510691	0.29	cps
Magnesium	24-2	129025	129219	129605	129283	0.23	cps
Manganese	55-2	68258	67909	67400	67856	0.64	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:35:17	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1857123	1852689	1860967	1856926	0.22	cps
Molybdenum	95-1	1002467	998354	990013	996945	0.64	cps
Molybdenum	96-1	1285861	1275238	1268904	1276668	0.67	cps
Molybdenum	97-1	627545	618825	619390	621920	0.78	cps
Molybdenum	98-1	1583670	1562230	1557802	1567901	0.88	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	51985	52276	52678	52313	0.66	cps
Phosphorus	31-2	42	58	58	53	18.23	cps
Potassium	39-2	194009	194803	194778	194530	0.23	cps
Rhodium	103-1	2898401	2890591	2853569	2880854	0.83	cps
Rhodium	103-2	1441379	1482483	1483600	1469154	1.64	cps
Scandium	45-2	120970	123600	124521	123030	1.50	cps
Scandium	45-1	2815827	2803151	2792965	2803981	0.41	cps
Selenium	82-1	11611	11321	11362	11431	1.37	cps
Selenium	77-2	450	437	417	434	3.86	cps
Selenium	78-2	1548	1513	1617	1559	3.38	cps
Silicon	28-1	1780999	1773468	1785280	1779916	0.34	cps
Silver	109-1	362733	364164	356613	361170	1.11	cps
Silver	107-1	383243	382689	383323	383085	0.09	cps
Sodium	23-2	434281	431232	431767	432426	0.38	cps
Strontium	86-1	681968	673984	674109	676687	0.68	cps
Strontium	88-1	5730406	5706809	5705822	5714346	0.24	cps
Sulfur	34-1	178657	175084	175243	176328	1.14	cps
Terbium	159-1	3263604	3246667	3189994	3233422	1.19	cps
Terbium	159-2	1864591	1925149	1923855	1904532	1.82	cps
Thallium	203-1	485604	470160	477675	477813	1.62	cps
Thallium	205-1	1146138	1124249	1132367	1134251	0.98	cps
Tin	118-1	1417702	1407052	1398585	1407780	0.68	cps
Titanium	47-1	357650	352771	359303	356575	0.95	cps
Uranium	238-1	4674569	4661084	4664424	4666692	0.15	cps
Vanadium	51-2	115924	114191	113442	114519	1.11	cps
Yttrium	89-2	522203	546209	543448	537287	2.44	cps
Yttrium	89-1	3544977	3558086	3539221	3547428	0.27	cps
Zinc	66-2	33098	32877	32957	32977	0.34	cps
Zirconium	90-1	3644079	3632917	3652306	3643101	0.27	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:35:17	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	813473	810694	817520	813896	0.42	cps

LB Number : LB85983 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-22 16:50:39 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	8	22	57.30	cps
Antimony	121-1	3000	3676	4242	3640	17.08	cps
Arsenic	75-2	15	17	22	18	21.54	cps
Barium	135-1	42	42	42	42	0.00	cps
Barium	137-1	75	83	42	67	33.07	cps
Beryllium	9-1	33	33	39	35	9.12	cps
Bismuth	209-2	1250202	1254661	1253298	1252720	0.18	cps
Bismuth	209-1	1904207	1863441	1807684	1858444	2.61	cps
Boron	10-1	417	367	458	414	11.09	cps
Boron	11-1	2242	2359	2309	2303	2.54	cps
Cadmium	106-1	650	792	750	731	9.97	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Cadmium	111-1	459	557	525	514	9.68	cps
Calcium	43-1	100	58	75	78	26.96	cps
Calcium	44-1	3909	4142	4518	4190	7.33	cps
Chromium	52-2	263	307	340	303	12.67	cps
Cobalt	59-2	80	67	77	74	9.32	cps
Copper	63-2	170	127	140	146	15.25	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Holmium	165-2	1821771	1821595	1824793	1822720	0.10	cps
Holmium	165-1	3040722	3003386	2983138	3009082	0.97	cps
Indium	115-1	2875994	2843930	2816612	2845512	1.04	cps
Indium	115-2	563440	561982	562875	562766	0.13	cps
Iron	56-2	2573	2723	2573	2623	3.30	cps
Iron	57-2	61	89	78	76	18.42	cps
Lead	206-1	556	533	483	524	7.06	cps
Lead	207-1	444	483	461	463	4.21	cps
Lead	208-1	2322	2217	2022	2187	6.96	cps
Lithium	6-1	503378	499696	495617	499564	0.78	cps
Magnesium	24-2	142	217	167	175	21.82	cps
Manganese	55-2	47	40	40	42	9.12	cps

LB Number : LB85983 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-22 16:50:39 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	533	442	439	21.84	cps
Molybdenum	95-1	358	558	617	511	26.51	cps
Molybdenum	96-1	517	483	783	594	27.66	cps
Molybdenum	97-1	375	317	617	436	36.47	cps
Molybdenum	98-1	750	900	1067	906	17.49	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	23	17	20	20	16.65	cps
Phosphorus	31-2	117	33	67	72	58.08	cps
Potassium	39-2	9820	9620	10287	9909	3.45	cps
Rhodium	103-2	1437515	1443871	1444199	1441862	0.26	cps
Rhodium	103-1	2825139	2797147	2776983	2799756	0.86	cps
Scandium	45-1	2732781	2707019	2668577	2702792	1.20	cps
Scandium	45-2	118166	120622	119758	119516	1.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	19	39	29	35.15	cps
Selenium	82-1	-93	-66	8	-50	-104.44	cps
Silicon	28-1	286770	284246	285605	285540	0.44	cps
Silver	109-1	25	42	33	33	25.01	cps
Silver	107-1	33	25	100	53	77.90	cps
Sodium	23-2	11396	11613	11346	11452	1.24	cps
Strontium	86-1	550	750	575	625	17.44	cps
Strontium	88-1	125	117	83	108	20.35	cps
Sulfur	34-1	172354	170042	175629	172675	1.63	cps
Terbium	159-1	3244232	3278465	3210443	3244380	1.05	cps
Terbium	159-2	1858377	1856957	1864367	1859900	0.21	cps
Thallium	203-1	100	158	158	139	24.25	cps
Thallium	205-1	292	258	225	258	12.90	cps
Tin	118-1	392	517	808	572	37.37	cps
Titanium	47-1	108	133	150	131	16.06	cps
Uranium	238-1	75	33	67	58	37.80	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-2	523697	525021	524104	524274	0.13	cps
Yttrium	89-1	3541542	3555026	3506458	3534342	0.71	cps
Zinc	66-2	87	43	47	59	40.95	cps
Zirconium	90-1	442	450	583	492	16.17	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:50:39	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	133	75	106	27.73	cps

LB Number : LB85983 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-22 16:54:15 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3616403	3600946	3624682	3614011	0.33	cps
Antimony	121-1	5668	5260	5801	5576	5.06	cps
Arsenic	75-2	46	50	65	54	18.25	cps
Barium	135-1	1308	1325	1192	1275	5.70	cps
Barium	137-1	2084	2084	2167	2111	2.28	cps
Beryllium	9-1	244	150	250	215	26.16	cps
Bismuth	209-1	1820141	1787082	1783357	1796860	1.13	cps
Bismuth	209-2	1184443	1204093	1258295	1215610	3.15	cps
Boron	10-1	625	500	475	533	15.07	cps
Boron	11-1	3125	2509	2792	2809	10.99	cps
Cadmium	106-1	942	858	700	833	14.73	cps
Cadmium	108-1	596	658	554	603	8.70	cps
Cadmium	111-1	992	798	844	878	11.54	cps
Calcium	43-1	1337402	1322137	1341290	1333610	0.76	cps
Calcium	44-1	21058206	21340761	21165295	21188087	0.67	cps
Chromium	52-2	24764	25743	25589	25365	2.07	cps
Cobalt	59-2	2310	2390	2264	2321	2.76	cps
Copper	63-2	11218	10804	11244	11089	2.23	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	20	3	13	12	68.66	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Gadolinium	160-1	25	8	8	14	69.31	cps
Holmium	165-1	3037508	3048627	3051933	3046023	0.25	cps
Holmium	165-2	1822838	1860058	1931317	1871404	2.95	cps
Indium	115-2	546845	552608	575320	558258	2.70	cps
Indium	115-1	2854597	2830874	2827887	2837786	0.52	cps
Iron	56-2	87560655	87836194	87635463	87677437	0.16	cps
Iron	57-2	2251112	2264621	2264706	2260146	0.35	cps
Lead	206-1	9298	9287	8798	9127	3.13	cps
Lead	207-1	7363	7069	7413	7282	2.56	cps
Lead	208-1	35141	34674	34569	34795	0.88	cps
Lithium	6-1	496101	493936	496754	495597	0.30	cps
Magnesium	24-2	9919148	9910432	9863824	9897801	0.30	cps
Manganese	55-2	5041	5344	5034	5140	3.45	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:54:15	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1991514	1982049	1962588	1978717	0.75	cps
Molybdenum	95-1	3589503	3591458	3547734	3576231	0.69	cps
Molybdenum	96-1	3749044	3754888	3748394	3750775	0.10	cps
Molybdenum	97-1	2130003	2124747	2111794	2122182	0.44	cps
Molybdenum	98-1	5604447	5625040	5633803	5621097	0.27	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	2697	2764	2567	2676	3.74	cps
Phosphorus	31-2	195648	197598	196392	196546	0.50	cps
Potassium	39-2	8607057	8590470	8543425	8580317	0.38	cps
Rhodium	103-2	1374716	1381344	1443210	1399757	2.70	cps
Rhodium	103-1	2711602	2690293	2684089	2695328	0.54	cps
Scandium	45-1	2744296	2729947	2736860	2737034	0.26	cps
Scandium	45-2	118633	119998	125319	121317	2.91	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	31	43	31	35	18.23	cps
Selenium	82-1	10	-94	61	-8	-1049.93	cps
Silicon	28-1	343650	345793	343360	344268	0.39	cps
Silver	107-1	617	717	658	664	7.57	cps
Silver	109-1	675	575	750	667	13.17	cps
Sodium	23-2	19435376	19495632	19536148	19489052	0.26	cps
Strontium	86-1	42714	42681	42204	42533	0.67	cps
Strontium	88-1	361389	356623	354280	357430	1.01	cps
Sulfur	34-1	2091473	2067276	2081350	2080033	0.58	cps
Terbium	159-1	3238192	3248582	3238251	3241675	0.18	cps
Terbium	159-2	1851091	1897646	1970933	1906557	3.17	cps
Thallium	203-1	1450	1167	933	1183	21.87	cps
Thallium	205-1	3000	2300	2350	2550	15.32	cps
Tin	118-1	792	967	867	875	10.03	cps
Titanium	47-1	1250715	1245222	1240787	1245575	0.40	cps
Uranium	238-1	242	133	292	222	36.42	cps
Vanadium	51-2	200	173	190	188	7.17	cps
Yttrium	89-2	523502	526407	546190	532033	2.32	cps
Yttrium	89-1	3535099	3528090	3527763	3530317	0.12	cps
Zinc	66-2	2007	1960	1783	1917	6.15	cps
Zirconium	90-1	1392	1458	1558	1470	5.71	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:54:15	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	308	300	283	12.82	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:57:47	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3606886	3588395	3577030	3590770	0.42	cps
Antimony	121-1	63326	61653	62104	62361	1.39	cps
Arsenic	75-2	2585	2372	2459	2472	4.33	cps
Barium	135-1	16969	16869	17028	16955	0.47	cps
Barium	137-1	29733	29098	29115	29315	1.23	cps
Beryllium	9-1	12839	12672	12672	12728	0.76	cps
Bismuth	209-2	1193933	1209511	1212433	1205292	0.83	cps
Bismuth	209-1	1798895	1806292	1791576	1798921	0.41	cps
Boron	10-1	5876	6018	5876	5924	1.38	cps
Boron	11-1	30423	32009	30866	31099	2.63	cps
Cadmium	111-1	15499	15067	15212	15259	1.44	cps
Cadmium	106-1	2800	2659	2959	2806	5.35	cps
Cadmium	108-1	1879	1896	1846	1874	1.36	cps
Calcium	43-1	1337602	1328093	1327041	1330912	0.44	cps
Calcium	44-1	21051938	21025556	21014276	21030590	0.09	cps
Chromium	52-2	50215	50764	51453	50811	1.22	cps
Cobalt	59-2	40329	40860	41121	40770	0.99	cps
Copper	63-2	36840	37131	36940	36970	0.40	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Dysprosium	156-1	42	8	0	17	132.30	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-2	7	20	7	11	69.25	cps
Gadolinium	160-1	8	0	17	8	100.02	cps
Holmium	165-1	3005004	3014941	3022619	3014188	0.29	cps
Holmium	165-2	1848007	1870295	1877542	1865281	0.83	cps
Indium	115-2	550997	558361	556266	555208	0.68	cps
Indium	115-1	2804888	2825602	2828325	2819605	0.45	cps
Iron	56-2	86201321	86468227	86573519	86414356	0.22	cps
Iron	57-2	2243773	2269142	2271339	2261418	0.68	cps
Lead	206-1	49074	46576	48321	47991	2.67	cps
Lead	207-1	40546	40813	40685	40681	0.33	cps
Lead	208-1	188682	186143	186808	187211	0.70	cps
Lithium	6-1	488041	496559	496541	493713	1.00	cps
Magnesium	24-2	9884679	9833197	9870080	9862652	0.27	cps
Manganese	55-2	17798	18472	18842	18371	2.88	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:57:47	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2166345	2149683	2140500	2152176	0.61	cps
Molybdenum	95-1	3689252	3657603	3647965	3664940	0.59	cps
Molybdenum	96-1	3882355	3851322	3867608	3867095	0.40	cps
Molybdenum	97-1	2197537	2181417	2170622	2183192	0.62	cps
Molybdenum	98-1	5807744	5725445	5805354	5779514	0.81	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	10	13	0	8	89.21	cps
Nickel	60-2	11772	12259	12652	12227	3.61	cps
Phosphorus	31-2	196484	197338	197565	197129	0.29	cps
Potassium	39-2	8542946	8539900	8544775	8542540	0.03	cps
Rhodium	103-2	1389779	1399246	1400062	1396362	0.41	cps
Rhodium	103-1	2673499	2696257	2697545	2689100	0.50	cps
Scandium	45-1	2705150	2715244	2714339	2711578	0.21	cps
Scandium	45-2	117313	119299	120404	119005	1.32	cps
Selenium	77-2	33	33	37	34	5.60	cps
Selenium	78-2	159	174	180	171	6.16	cps
Selenium	82-1	1037	1069	985	1030	4.10	cps
Silicon	28-1	498950	499437	499884	499424	0.09	cps
Silver	109-1	66339	65703	64614	65552	1.33	cps
Silver	107-1	69438	70057	70367	69954	0.68	cps
Sodium	23-2	19320751	19392483	19358578	19357271	0.19	cps
Strontium	86-1	109162	108491	108809	108820	0.31	cps
Strontium	88-1	923815	918230	921909	921318	0.31	cps
Sulfur	34-1	2076061	2057699	2059084	2064281	0.50	cps
Terbium	159-1	3194727	3218763	3218998	3210829	0.43	cps
Terbium	159-2	1875323	1900619	1902791	1892911	0.81	cps
Thallium	203-1	47226	46315	46023	46521	1.35	cps
Thallium	205-1	111549	110188	110868	110868	0.61	cps
Tin	118-1	144267	140328	141034	141876	1.48	cps
Titanium	47-1	1273652	1273156	1268628	1271812	0.22	cps
Uranium	238-1	486577	479817	475816	480737	1.13	cps
Vanadium	51-2	22073	22120	22828	22340	1.89	cps
Yttrium	89-2	525498	529531	532826	529285	0.69	cps
Yttrium	89-1	3443420	3486135	3508624	3479393	0.95	cps
Zinc	66-2	4911	4884	4828	4874	0.87	cps
Zirconium	90-1	369381	366175	366086	367214	0.51	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 16:57:47	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83519	80887	81734	82046	1.64	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:01:21	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392553	398241	405805	398866	1.67	cps
Antimony	121-1	1536974	1543244	1589992	1556737	1.86	cps
Arsenic	75-2	63160	63212	64265	63546	0.98	cps
Barium	135-1	1929527	1912137	1969606	1937090	1.52	cps
Barium	137-1	3282966	3300681	3364717	3316121	1.30	cps
Beryllium	9-1	311842	312086	319179	314369	1.33	cps
Bismuth	209-2	1245341	1250377	1258469	1251396	0.53	cps
Bismuth	209-1	1904083	1940197	1881800	1908694	1.54	cps
Boron	10-1	44015	45361	47994	45790	4.42	cps
Boron	11-1	221917	230895	241913	231575	4.32	cps
Cadmium	111-1	366806	366987	375458	369750	1.34	cps
Cadmium	106-1	40526	41871	42273	41557	2.20	cps
Cadmium	108-1	27247	27581	27427	27418	0.61	cps
Calcium	43-1	690336	688901	701937	693725	1.03	cps
Calcium	44-1	10701352	10686048	10870305	10752568	0.95	cps
Chromium	52-2	659760	668807	674597	667721	1.12	cps
Cobalt	59-2	974481	983819	992549	983616	0.92	cps
Copper	63-2	1286955	1297575	1301415	1295315	0.58	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Holmium	165-1	3109595	3111900	3069508	3097001	0.77	cps
Holmium	165-2	1877107	1888226	1903084	1889472	0.69	cps
Indium	115-2	557858	566293	574033	566062	1.43	cps
Indium	115-1	2673169	2688945	2904773	2755629	4.70	cps
Iron	56-2	23165210	23121598	23220135	23168981	0.21	cps
Iron	57-2	608536	610377	617977	612297	0.82	cps
Lead	206-1	957812	953206	970082	960367	0.91	cps
Lead	207-1	879354	878078	890386	882606	0.77	cps
Lead	208-1	3876644	3879104	3934213	3896654	0.84	cps
Lithium	6-1	516341	519185	504984	513503	1.46	cps
Magnesium	24-2	5193474	5200401	5212702	5202192	0.19	cps
Manganese	55-2	667302	676206	677908	673805	0.85	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:01:21	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1729323	1723214	1761575	1738037	1.19	cps
Molybdenum	95-1	931450	926750	942749	933650	0.88	cps
Molybdenum	96-1	1184409	1181940	1199359	1188569	0.79	cps
Molybdenum	97-1	578948	573574	586064	579529	1.08	cps
Molybdenum	98-1	1451004	1458974	1480255	1463411	1.03	cps
Neodymium	150-1	140	87	87	104	29.48	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	249967	255721	256083	253924	1.35	cps
Phosphorus	31-2	20857	20440	21399	20899	2.30	cps
Potassium	39-2	2246961	2263352	2287660	2265991	0.90	cps
Rhodium	103-2	1429563	1445698	1443594	1439618	0.61	cps
Rhodium	103-1	2844835	2863190	2797601	2835209	1.19	cps
Scandium	45-1	2799487	2823394	2746552	2789811	1.41	cps
Scandium	45-2	121184	121765	123345	122098	0.92	cps
Selenium	77-2	1007	1110	1037	1051	5.06	cps
Selenium	78-2	3645	3760	3865	3757	2.93	cps
Selenium	82-1	27289	26893	27988	27390	2.02	cps
Silicon	28-1	1640591	1648830	1678930	1656117	1.22	cps
Silver	109-1	1707020	1712712	1751172	1723635	1.39	cps
Silver	107-1	1807083	1798968	1843435	1816495	1.30	cps
Sodium	23-2	10215839	10281579	10260920	10252779	0.33	cps
Strontium	86-1	678229	675788	688791	680936	1.01	cps
Strontium	88-1	5677436	5719818	5803513	5733589	1.12	cps
Sulfur	34-1	357290	352589	360740	356873	1.15	cps
Terbium	159-2	1913391	1934936	1939812	1929380	0.73	cps
Terbium	159-1	3309900	3320157	3280770	3303609	0.62	cps
Thallium	203-1	1168086	1162131	1182841	1171019	0.91	cps
Thallium	205-1	2698584	2699951	2742858	2713798	0.93	cps
Tin	118-1	1267285	1269260	1317366	1284637	2.21	cps
Titanium	47-1	331790	329744	331132	330889	0.32	cps
Uranium	238-1	4327097	4377829	4462751	4389226	1.56	cps
Vanadium	51-2	576298	579793	587247	581112	0.96	cps
Yttrium	89-2	532472	534512	540880	535955	0.82	cps
Yttrium	89-1	3619798	3628101	3570996	3606298	0.86	cps
Zinc	66-2	160328	161565	163658	161850	1.04	cps
Zirconium	90-1	3270403	3259719	3330542	3286888	1.16	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:01:21	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	758677	755636	775410	763241	1.40	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:11:40	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	25	25	33.32	cps
Antimony	121-1	3242	4084	4559	3962	16.84	cps
Arsenic	75-2	19	11	26	19	40.01	cps
Barium	135-1	67	25	50	47	44.41	cps
Barium	137-1	67	108	92	89	23.59	cps
Beryllium	9-1	22	67	17	35	77.89	cps
Bismuth	209-1	1913352	1866013	1856920	1878762	1.61	cps
Bismuth	209-2	1240603	1254690	1255179	1250157	0.66	cps
Boron	10-1	533	467	383	461	16.30	cps
Boron	11-1	2259	2100	2209	2189	3.70	cps
Cadmium	106-1	733	808	933	825	12.25	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Cadmium	111-1	513	567	659	580	12.68	cps
Calcium	43-1	75	92	125	97	26.19	cps
Calcium	44-1	4384	4434	4551	4456	1.92	cps
Chromium	52-2	310	293	330	311	5.90	cps
Cobalt	59-2	60	97	57	71	31.21	cps
Copper	63-2	257	280	217	251	12.76	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Holmium	165-2	1820171	1834856	1830317	1828448	0.41	cps
Holmium	165-1	3048199	2982469	3003251	3011306	1.12	cps
Indium	115-1	2879455	2842784	2826863	2849701	0.95	cps
Indium	115-2	559579	561682	565573	562278	0.54	cps
Iron	56-2	2634	2828	2739	2734	3.56	cps
Iron	57-2	89	83	50	74	28.40	cps
Lead	206-1	267	300	328	298	10.26	cps
Lead	207-1	333	272	267	291	12.72	cps
Lead	208-1	1245	1278	1211	1245	2.68	cps
Lithium	6-1	497147	496043	492521	495237	0.49	cps
Magnesium	24-2	175	200	142	172	16.99	cps
Manganese	55-2	37	33	37	36	5.42	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:11:40	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	817	983	767	32.02	cps
Molybdenum	95-1	733	825	1192	917	26.46	cps
Molybdenum	96-1	833	1117	1075	1008	15.17	cps
Molybdenum	97-1	450	392	842	561	43.61	cps
Molybdenum	98-1	1075	1634	1709	1472	23.51	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	13	10	13	12	15.73	cps
Phosphorus	31-2	83	42	17	47	71.32	cps
Potassium	39-2	9770	9712	9762	9748	0.32	cps
Rhodium	103-2	1429315	1445049	1444651	1439672	0.62	cps
Rhodium	103-1	2838306	2789413	2777169	2801629	1.15	cps
Scandium	45-1	2712073	2696692	2688375	2699047	0.45	cps
Scandium	45-2	118203	117437	119765	118469	1.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	28	26	28	6.66	cps
Selenium	82-1	-28	72	4	16	321.61	cps
Silicon	28-1	282296	283762	282965	283008	0.26	cps
Silver	109-1	33	33	67	44	43.31	cps
Silver	107-1	42	67	58	56	22.91	cps
Sodium	23-2	12489	12789	12748	12675	1.28	cps
Strontium	86-1	842	725	658	742	12.51	cps
Strontium	88-1	67	125	108	100	30.05	cps
Sulfur	34-1	162745	162079	161153	161992	0.49	cps
Terbium	159-1	3210555	3210987	3230742	3217428	0.36	cps
Terbium	159-2	1848845	1869085	1859984	1859305	0.55	cps
Thallium	203-1	42	33	58	44	28.65	cps
Thallium	205-1	100	42	75	72	40.52	cps
Tin	118-1	592	633	508	578	11.02	cps
Titanium	47-1	142	117	108	122	14.19	cps
Uranium	238-1	83	50	25	53	55.46	cps
Vanadium	51-2	10	7	0	6	91.64	cps
Yttrium	89-2	520264	523383	521435	521694	0.30	cps
Yttrium	89-1	3529671	3496729	3491445	3505948	0.59	cps
Zinc	66-2	50	40	63	51	22.90	cps
Zirconium	90-1	433	450	583	489	16.82	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:11:40	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	92	67	78	16.37	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:15:14	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	1092	758	845	25.74	cps
Antimony	121-1	8036	7352	7636	7675	4.48	cps
Arsenic	75-2	111	120	131	121	8.43	cps
Barium	135-1	7602	7411	7552	7522	1.32	cps
Barium	137-1	13474	13641	13065	13393	2.21	cps
Beryllium	9-1	717	778	739	744	4.16	cps
Bismuth	209-1	1904349	1859265	1822799	1862138	2.19	cps
Bismuth	209-2	1253416	1270941	1256655	1260337	0.74	cps
Boron	10-1	2892	2625	2934	2817	5.94	cps
Boron	11-1	14065	14224	13640	13976	2.16	cps
Cadmium	106-1	992	850	817	886	10.49	cps
Cadmium	108-1	50	58	54	54	7.69	cps
Cadmium	111-1	1355	1263	1230	1282	5.07	cps
Calcium	43-1	6668	6944	6735	6782	2.12	cps
Calcium	44-1	112962	115640	111434	113345	1.88	cps
Chromium	52-2	2974	3110	2964	3016	2.72	cps
Cobalt	59-2	2164	1980	1960	2035	5.51	cps
Copper	63-2	2890	3137	3250	3093	5.95	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Erbium	164-1	8	42	42	31	62.99	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Gadolinium	160-1	25	8	17	17	50.01	cps
Holmium	165-1	2997771	2987670	2973662	2986368	0.41	cps
Holmium	165-2	1828587	1834960	1827841	1830463	0.21	cps
Indium	115-2	559969	563849	564765	562861	0.45	cps
Indium	115-1	2877473	2826436	2791737	2831882	1.52	cps
Iron	56-2	51095	52739	52840	52225	1.88	cps
Iron	57-2	1500	1217	1261	1326	11.49	cps
Lead	206-1	2306	2423	2467	2398	3.47	cps
Lead	207-1	1995	2056	2150	2067	3.79	cps
Lead	208-1	9246	9240	9663	9383	2.58	cps
Lithium	6-1	499917	491896	487976	493263	1.23	cps
Magnesium	24-2	52091	51732	52166	51996	0.45	cps
Manganese	55-2	820	747	730	766	6.25	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:15:14	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7085	7486	7811	7461	4.87	cps
Molybdenum	95-1	9528	9370	9645	9515	1.45	cps
Molybdenum	96-1	10171	10721	10805	10565	3.26	cps
Molybdenum	97-1	5726	5626	6002	5785	3.36	cps
Molybdenum	98-1	15000	15351	15409	15253	1.45	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	557	547	600	568	4.99	cps
Phosphorus	31-2	108	117	125	117	7.14	cps
Potassium	39-2	52159	53891	54107	53386	2.00	cps
Rhodium	103-1	2820180	2751932	2734821	2768978	1.63	cps
Rhodium	103-2	1436317	1438355	1448673	1441115	0.46	cps
Scandium	45-1	2705189	2657764	2635259	2666070	1.34	cps
Scandium	45-2	117975	118996	119110	118694	0.53	cps
Selenium	82-1	282	288	286	285	1.03	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	67	87	81	78	13.43	cps
Silicon	28-1	299398	299110	302290	300266	0.59	cps
Silver	109-1	3901	3992	4409	4101	6.61	cps
Silver	107-1	4634	4584	4259	4493	4.53	cps
Sodium	23-2	112200	114484	115399	114028	1.44	cps
Strontium	86-1	1975	2117	1959	2017	4.31	cps
Strontium	88-1	11480	11197	11213	11297	1.41	cps
Sulfur	34-1	162206	161961	162341	162169	0.12	cps
Terbium	159-1	3207534	3210875	3141849	3186753	1.22	cps
Terbium	159-2	1870579	1862355	1876241	1869725	0.37	cps
Thallium	203-1	2684	2442	2450	2525	5.43	cps
Thallium	205-1	5768	5827	5468	5688	3.38	cps
Tin	118-1	13657	13699	13165	13507	2.20	cps
Titanium	47-1	3309	3084	3109	3167	3.89	cps
Uranium	238-1	9529	8887	9462	9293	3.80	cps
Vanadium	51-2	5541	5491	5618	5550	1.15	cps
Yttrium	89-1	3459067	3451608	3411593	3440756	0.74	cps
Yttrium	89-2	523347	520367	522008	521907	0.29	cps
Zinc	66-2	517	500	463	493	5.53	cps
Zirconium	90-1	6068	5885	5701	5885	3.12	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:15:14	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1292	1017	1133	1147	12.03	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:18:49	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	642	758	917	772	17.87	cps
Arsenic	75-2	4	15	7	9	65.47	cps
Barium	135-1	33	25	58	39	44.62	cps
Barium	137-1	83	42	33	53	50.76	cps
Beryllium	9-1	33	56	50	46	24.99	cps
Bismuth	209-2	1256277	1264009	1262151	1260812	0.32	cps
Bismuth	209-1	1927785	1831376	1885763	1881641	2.57	cps
Boron	10-1	383	383	367	378	2.55	cps
Boron	11-1	2075	1900	1742	1906	8.75	cps
Cadmium	106-1	933	883	758	858	10.50	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Cadmium	111-1	655	620	532	602	10.48	cps
Calcium	43-1	67	133	83	94	36.73	cps
Calcium	44-1	4176	3967	4493	4212	6.28	cps
Chromium	52-2	267	293	287	282	4.92	cps
Cobalt	59-2	60	47	60	56	13.85	cps
Copper	63-2	187	173	187	182	4.22	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Holmium	165-1	3045756	2914463	2998665	2986295	2.23	cps
Holmium	165-2	1826461	1836763	1838543	1833922	0.36	cps
Indium	115-2	561997	561189	566498	563228	0.51	cps
Indium	115-1	2912821	2763810	2838800	2838477	2.62	cps
Iron	56-2	2078	1934	2084	2032	4.19	cps
Iron	57-2	50	50	33	44	21.66	cps
Lead	207-1	272	256	283	270	5.17	cps
Lead	208-1	1283	1233	1372	1296	5.43	cps
Lead	206-1	344	244	333	307	17.83	cps
Lithium	6-1	506456	482645	497383	495495	2.43	cps
Magnesium	24-2	192	167	100	153	31.02	cps
Manganese	55-2	10	33	47	30	61.87	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:18:49	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	367	458	394	14.07	cps
Molybdenum	95-1	383	542	583	503	20.99	cps
Molybdenum	96-1	483	508	642	544	15.64	cps
Molybdenum	97-1	250	325	300	292	13.09	cps
Molybdenum	98-1	592	675	642	636	6.59	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7	10	10	9	21.63	cps
Phosphorus	31-2	42	17	33	31	41.66	cps
Potassium	39-2	9445	9945	9487	9626	2.88	cps
Rhodium	103-2	1438145	1445505	1453366	1445672	0.53	cps
Rhodium	103-1	2868783	2712379	2796333	2792498	2.80	cps
Scandium	45-2	117659	118671	118973	118434	0.58	cps
Scandium	45-1	2729041	2584984	2702140	2672055	2.87	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	37	33	35	35	5.27	cps
Selenium	82-1	10	8	-2	5	115.53	cps
Silicon	28-1	283195	279529	283227	281984	0.75	cps
Silver	109-1	42	17	8	22	78.07	cps
Silver	107-1	58	58	50	56	8.67	cps
Sodium	23-2	11371	11672	11313	11452	1.68	cps
Strontium	86-1	758	733	750	747	1.70	cps
Strontium	88-1	67	125	83	92	32.78	cps
Sulfur	34-1	163470	161879	160363	161904	0.96	cps
Terbium	159-2	1863976	1871298	1871963	1869079	0.24	cps
Terbium	159-1	3230760	3111881	3217741	3186794	2.05	cps
Thallium	203-1	42	8	8	19	99.00	cps
Thallium	205-1	75	117	42	78	48.31	cps
Tin	118-1	342	358	375	358	4.65	cps
Titanium	47-1	92	92	67	83	17.32	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	0	7	10	6	91.64	cps
Yttrium	89-2	520850	522573	526048	523157	0.51	cps
Yttrium	89-1	3508583	3405746	3483450	3465927	1.55	cps
Zinc	66-2	33	40	30	34	14.78	cps
Zirconium	90-1	517	500	425	481	10.16	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:18:49	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	92	92	86	11.18	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:22:24	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1575	1850	1659	1695	8.32	cps
Antimony	121-1	12473	12331	12214	12339	1.05	cps
Arsenic	75-2	241	224	219	228	5.08	cps
Barium	135-1	14325	14483	14617	14475	1.01	cps
Barium	137-1	24456	24823	24656	24645	0.75	cps
Beryllium	9-1	1200	1233	1028	1154	9.56	cps
Bismuth	209-1	1923431	1909783	1881381	1904865	1.13	cps
Bismuth	209-2	1259942	1249398	1257411	1255584	0.44	cps
Boron	10-1	4559	4534	4684	4593	1.75	cps
Boron	11-1	22927	23945	23502	23458	2.18	cps
Cadmium	106-1	950	1033	817	933	11.71	cps
Cadmium	108-1	117	117	113	115	2.09	cps
Cadmium	111-1	1892	1888	1856	1878	1.06	cps
Calcium	43-1	12239	11964	12489	12230	2.15	cps
Calcium	44-1	203607	202534	201732	202624	0.46	cps
Chromium	52-2	5094	5384	5418	5299	3.36	cps
Cobalt	59-2	3657	3781	3604	3681	2.46	cps
Copper	63-2	5134	4948	5264	5115	3.11	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Gadolinium	160-1	17	25	8	17	50.01	cps
Holmium	165-1	3003749	3060496	3007277	3023841	1.05	cps
Holmium	165-2	1834513	1815164	1827597	1825758	0.54	cps
Indium	115-2	558593	559898	562086	560192	0.32	cps
Indium	115-1	2906268	2894662	2852795	2884575	0.98	cps
Iron	56-2	396710	396137	394512	395786	0.29	cps
Iron	57-2	9414	10009	9581	9668	3.17	cps
Lead	206-1	3912	4073	4201	4062	3.57	cps
Lead	207-1	3834	3728	3751	3771	1.48	cps
Lead	208-1	16516	15732	16404	16217	2.62	cps
Lithium	6-1	503484	502098	497898	501160	0.58	cps
Magnesium	24-2	96576	96123	96634	96444	0.29	cps
Manganese	55-2	1220	1247	1327	1265	4.39	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:22:24	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13724	13232	12798	13251	3.50	cps
Molybdenum	95-1	17103	16835	16994	16977	0.79	cps
Molybdenum	96-1	18705	18538	19005	18749	1.26	cps
Molybdenum	97-1	10563	10412	10704	10560	1.38	cps
Molybdenum	98-1	27744	27218	26408	27124	2.48	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1103	1027	957	1029	7.13	cps
Phosphorus	31-2	133	100	100	111	17.32	cps
Potassium	39-2	90668	90759	91851	91093	0.72	cps
Rhodium	103-1	2855909	2830915	2798199	2828341	1.02	cps
Rhodium	103-2	1440060	1436848	1441674	1439527	0.17	cps
Scandium	45-1	2747269	2724611	2721776	2731218	0.51	cps
Scandium	45-2	118922	116688	118038	117883	0.95	cps
Selenium	82-1	553	387	460	467	17.86	cps
Selenium	77-2	13	27	23	21	32.88	cps
Selenium	78-2	106	102	96	101	4.60	cps
Silicon	28-1	306613	305299	308843	306918	0.58	cps
Silver	109-1	8378	7936	7494	7936	5.57	cps
Silver	107-1	8386	8069	8211	8222	1.93	cps
Sodium	23-2	197735	199213	201013	199320	0.82	cps
Strontium	86-1	3292	3284	3175	3251	2.00	cps
Strontium	88-1	20499	19739	19864	20034	2.03	cps
Sulfur	34-1	165905	165180	160741	163942	1.71	cps
Terbium	159-1	3236832	3276894	3253270	3255666	0.62	cps
Terbium	159-2	1863255	1864463	1874803	1867507	0.34	cps
Thallium	203-1	4568	4268	4643	4493	4.42	cps
Thallium	205-1	11047	10538	10171	10585	4.15	cps
Tin	118-1	24656	23671	24230	24185	2.04	cps
Titanium	47-1	5776	6202	6068	6015	3.61	cps
Uranium	238-1	17212	17504	16469	17062	3.13	cps
Vanadium	51-2	10437	10014	10424	10291	2.34	cps
Yttrium	89-2	520029	519184	521803	520339	0.26	cps
Yttrium	89-1	3482588	3489625	3491465	3487893	0.13	cps
Zinc	66-2	683	677	817	726	10.89	cps
Zirconium	90-1	10187	10696	9971	10285	3.62	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97063BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:22:24	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2550	2542	2225	2439	7.60	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:25:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	342	308	517	389	28.78	cps
Arsenic	75-2	7	4	15	9	65.47	cps
Barium	135-1	17	0	8	8	100.02	cps
Barium	137-1	33	50	50	44	21.66	cps
Beryllium	9-1	22	17	39	26	44.60	cps
Bismuth	209-1	1915517	1885682	1813550	1871583	2.80	cps
Bismuth	209-2	1225953	1244209	1239417	1236526	0.77	cps
Boron	10-1	317	358	425	367	14.90	cps
Boron	11-1	2159	1809	1909	1959	9.21	cps
Cadmium	106-1	883	925	742	850	11.31	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Cadmium	111-1	620	648	513	594	11.93	cps
Calcium	43-1	133	108	92	111	18.88	cps
Calcium	44-1	3976	4326	3992	4098	4.82	cps
Chromium	52-2	260	343	297	300	13.92	cps
Cobalt	59-2	53	60	40	51	19.92	cps
Copper	63-2	167	163	207	179	13.48	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	13	17	3	11	62.48	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Gadolinium	160-1	0	0	17	6	173.21	cps
Holmium	165-1	2975894	2955930	2919102	2950309	0.98	cps
Holmium	165-2	1792084	1805335	1811492	1802970	0.55	cps
Indium	115-2	543471	552138	553180	549596	0.97	cps
Indium	115-1	2875646	2824826	2755981	2818817	2.13	cps
Iron	56-2	1828	1806	1822	1819	0.64	cps
Iron	57-2	78	50	56	61	24.05	cps
Lead	206-1	422	244	317	328	27.28	cps
Lead	207-1	267	272	289	276	4.19	cps
Lead	208-1	1361	1156	1261	1259	8.16	cps
Lithium	6-1	494871	490576	484952	490133	1.01	cps
Magnesium	24-2	125	142	125	131	7.37	cps
Manganese	55-2	23	40	20	28	38.58	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:25:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	375	433	383	12.10	cps
Molybdenum	95-1	225	325	450	333	33.82	cps
Molybdenum	96-1	408	450	617	492	22.42	cps
Molybdenum	97-1	158	250	267	225	25.93	cps
Molybdenum	98-1	533	558	633	575	9.05	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7	20	13	13	49.99	cps
Phosphorus	31-2	58	83	42	61	34.32	cps
Potassium	39-2	9320	9345	9678	9448	2.12	cps
Rhodium	103-2	1397474	1424581	1419536	1413864	1.02	cps
Rhodium	103-1	2813009	2762672	2727452	2767711	1.55	cps
Scandium	45-1	2711626	2659933	2608371	2659976	1.94	cps
Scandium	45-2	113520	116893	116013	115475	1.51	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	30	39	35	35	13.48	cps
Selenium	82-1	-61	-96	-41	-66	-42.19	cps
Silicon	28-1	281149	282999	281617	281921	0.34	cps
Silver	107-1	25	8	42	25	66.68	cps
Silver	109-1	33	25	17	25	33.32	cps
Sodium	23-2	10671	10512	11021	10735	2.42	cps
Strontium	86-1	667	492	683	614	17.30	cps
Strontium	88-1	83	83	92	86	5.58	cps
Sulfur	34-1	166099	164910	163505	164838	0.79	cps
Terbium	159-2	1817485	1851949	1843463	1837632	0.98	cps
Terbium	159-1	3214186	3215945	3104903	3178345	2.00	cps
Thallium	203-1	8	17	33	19	65.47	cps
Thallium	205-1	50	58	25	44	39.04	cps
Tin	118-1	408	300	342	350	15.61	cps
Titanium	47-1	33	100	67	67	50.00	cps
Uranium	238-1	17	42	25	28	45.82	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-2	507982	514754	514882	512539	0.77	cps
Yttrium	89-1	3455366	3453270	3345785	3418140	1.83	cps
Zinc	66-2	47	33	33	38	20.39	cps
Zirconium	90-1	475	525	525	508	5.68	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:25:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	50	242	144	66.37	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:29:33	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1533	1567	1492	1531	2.46	cps
Antimony	121-1	12014	12022	11747	11928	1.31	cps
Arsenic	75-2	220	252	239	237	6.68	cps
Barium	135-1	14466	13440	13824	13910	3.73	cps
Barium	137-1	24906	24013	23721	24214	2.55	cps
Beryllium	9-1	1267	1228	1283	1259	2.26	cps
Bismuth	209-1	1916896	1902060	1885942	1901633	0.81	cps
Bismuth	209-2	1252804	1267167	1274004	1264658	0.86	cps
Boron	10-1	4634	4676	5034	4781	4.60	cps
Boron	11-1	22951	24095	23118	23388	2.64	cps
Cadmium	108-1	129	104	54	96	39.85	cps
Cadmium	111-1	1946	1820	1803	1856	4.22	cps
Cadmium	106-1	1058	775	850	895	16.41	cps
Calcium	43-1	12481	11872	12072	12142	2.56	cps
Calcium	44-1	202077	200973	200879	201310	0.33	cps
Chromium	52-2	5304	5274	5328	5302	0.50	cps
Cobalt	59-2	3681	3687	3517	3628	2.65	cps
Copper	63-2	4921	5184	4918	5008	3.06	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Gadolinium	160-1	0	25	0	8	173.21	cps
Holmium	165-1	3019305	3006449	3005483	3010412	0.26	cps
Holmium	165-2	1833637	1843412	1857181	1844743	0.64	cps
Indium	115-2	558404	563376	567134	562971	0.78	cps
Indium	115-1	2860565	2853861	2834303	2849576	0.48	cps
Iron	56-2	406454	405948	408169	406857	0.29	cps
Iron	57-2	9954	10259	10549	10254	2.90	cps
Lead	206-1	3851	3934	3923	3903	1.16	cps
Lead	207-1	3445	3617	3451	3504	2.79	cps
Lead	208-1	16138	16093	16110	16114	0.14	cps
Lithium	6-1	500265	500980	494103	498449	0.76	cps
Magnesium	24-2	94094	96073	94907	95025	1.05	cps
Manganese	55-2	1110	1333	1313	1252	9.87	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:29:33	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13407	13273	13073	13251	1.27	cps
Molybdenum	95-1	17036	16043	16694	16591	3.04	cps
Molybdenum	96-1	17795	17870	18096	17920	0.87	cps
Molybdenum	97-1	10312	10271	9845	10143	2.55	cps
Molybdenum	98-1	26751	26192	26526	26489	1.06	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1030	1020	1110	1053	4.68	cps
Phosphorus	31-2	117	83	158	119	31.46	cps
Potassium	39-2	88254	90785	90308	89782	1.50	cps
Rhodium	103-1	2809369	2818319	2783136	2803608	0.65	cps
Rhodium	103-2	1438916	1437713	1454349	1443659	0.64	cps
Scandium	45-2	117609	119278	119275	118721	0.81	cps
Scandium	45-1	2695273	2687814	2678214	2687100	0.32	cps
Selenium	82-1	412	532	564	503	15.99	cps
Selenium	77-2	30	17	10	19	53.91	cps
Selenium	78-2	120	111	102	111	8.33	cps
Silicon	28-1	306951	301696	304963	304537	0.87	cps
Silver	109-1	6594	6160	6518	6424	3.61	cps
Silver	107-1	6785	6485	6577	6616	2.32	cps
Sodium	23-2	193912	194934	196140	194995	0.57	cps
Strontium	86-1	2909	2842	2967	2906	2.15	cps
Strontium	88-1	19856	19422	19113	19464	1.92	cps
Sulfur	34-1	163645	165005	167607	165419	1.22	cps
Terbium	159-1	3191674	3202569	3246406	3213550	0.90	cps
Terbium	159-2	1853961	1885412	1893042	1877472	1.10	cps
Thallium	203-1	4509	4201	4468	4393	3.81	cps
Thallium	205-1	10563	10096	10263	10307	2.30	cps
Tin	118-1	24689	24155	23587	24144	2.28	cps
Titanium	47-1	5876	5768	5326	5657	5.15	cps
Uranium	238-1	17254	17496	16912	17220	1.70	cps
Vanadium	51-2	9923	9770	10140	9945	1.87	cps
Yttrium	89-1	3456221	3457982	3467262	3460488	0.17	cps
Yttrium	89-2	522200	525834	527086	525040	0.48	cps
Zinc	66-2	683	677	670	677	0.98	cps
Zirconium	90-1	10905	10779	10388	10691	2.52	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97064BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:29:33	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2584	2242	2150	2325	9.82	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1918-04	Instrumnet Name :	P7
Client Sample ID :	MG9TK9	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:33:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	67	50	83	52.92	cps
Antimony	121-1	1475	1492	1400	1456	3.36	cps
Arsenic	75-2	31	30	31	31	3.46	cps
Barium	135-1	248474	246846	243318	246213	1.07	cps
Barium	137-1	428394	419961	418412	422256	1.27	cps
Beryllium	9-1	44	33	22	33	33.35	cps
Bismuth	209-2	1302960	1321735	1315226	1313307	0.73	cps
Bismuth	209-1	2071434	2036979	2010729	2039714	1.49	cps
Boron	10-1	1425	1492	1558	1492	4.47	cps
Boron	11-1	7277	7319	7561	7385	2.07	cps
Cadmium	111-1	603	715	632	650	8.95	cps
Cadmium	106-1	850	1008	892	917	8.95	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	842040	831213	834150	835801	0.67	cps
Calcium	44-1	13305648	13273158	13212978	13263928	0.35	cps
Chromium	52-2	317	260	253	277	12.58	cps
Cobalt	59-2	260	267	253	260	2.56	cps
Copper	63-2	9750	9336	9116	9401	3.42	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	33	8	0	14	124.91	cps
Gadolinium	160-2	17	0	10	9	94.38	cps
Holmium	165-2	1951893	1971155	1960335	1961128	0.49	cps
Holmium	165-1	3399073	3390199	3333862	3374378	1.05	cps
Indium	115-1	3000410	3016361	3157261	3058011	2.82	cps
Indium	115-2	590500	594444	590499	591814	0.38	cps
Iron	56-2	11583	11205	11449	11412	1.68	cps
Iron	57-2	344	372	400	372	7.46	cps
Lead	208-1	3950	3434	3150	3511	11.55	cps
Lead	206-1	1045	956	800	933	13.26	cps
Lead	207-1	883	722	689	765	13.60	cps
Lithium	6-1	554479	554465	549016	552653	0.57	cps
Magnesium	24-2	3646495	3676688	3650219	3657801	0.45	cps
Manganese	55-2	413	397	380	397	4.20	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1918-04	Instrumnet Name :	P7
Client Sample ID :	MG9TK9	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:33:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1392	883	1267	1181	22.44	cps
Molybdenum	95-1	1692	1475	1633	1600	7.01	cps
Molybdenum	96-1	1692	2025	1842	1853	9.01	cps
Molybdenum	97-1	883	967	975	942	5.38	cps
Molybdenum	98-1	2509	2700	2484	2564	4.62	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	310	340	390	347	11.66	cps
Phosphorus	31-2	42	67	42	50	28.87	cps
Potassium	39-2	98652	97000	94777	96809	2.01	cps
Rhodium	103-2	1523773	1536632	1534446	1531617	0.45	cps
Rhodium	103-1	3135566	3103366	3048883	3095939	1.42	cps
Scandium	45-1	3057901	3041075	2999368	3032781	0.99	cps
Scandium	45-2	126215	128800	126067	127027	1.21	cps
Selenium	82-1	35	-1	19	17	101.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	22	19	25	34.59	cps
Silicon	28-1	15016295	14932233	14832672	14927067	0.62	cps
Silver	109-1	1517	1642	1617	1592	4.16	cps
Silver	107-1	1483	1750	1617	1617	8.25	cps
Sodium	23-2	762961	763254	759201	761806	0.30	cps
Strontium	86-1	83107	83132	82704	82981	0.29	cps
Strontium	88-1	700285	700295	690732	697104	0.79	cps
Sulfur	34-1	242214	238157	243693	241355	1.19	cps
Terbium	159-2	1981649	2020754	2012633	2005012	1.03	cps
Terbium	159-1	3626484	3616836	3578975	3607432	0.70	cps
Thallium	203-1	75	50	58	61	20.83	cps
Thallium	205-1	183	133	125	147	21.43	cps
Tin	118-1	1058	1033	975	1022	4.18	cps
Titanium	47-1	308	175	308	264	29.17	cps
Uranium	238-1	6827	5927	6102	6285	7.60	cps
Vanadium	51-2	70	70	63	68	5.68	cps
Yttrium	89-2	556827	558018	557405	557417	0.11	cps
Yttrium	89-1	3940322	3944399	3909776	3931499	0.48	cps
Zinc	66-2	5534	5735	5594	5621	1.83	cps
Zirconium	90-1	842	758	1042	881	16.54	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1918-04	Instrumnet Name :	P7
Client Sample ID :	MG9TK9	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:33:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	150	242	197	23.27	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1919-04	Instrumnet Name :	P7
Client Sample ID :	MG9TL8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:36:42	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	92	200	142	38.57	cps
Antimony	121-1	1067	1033	1033	1045	1.84	cps
Arsenic	75-2	22	31	24	26	18.90	cps
Barium	135-1	257467	251927	253549	254314	1.12	cps
Barium	137-1	442760	433408	434588	436919	1.17	cps
Beryllium	9-1	67	28	56	50	40.06	cps
Bismuth	209-1	2071048	2054889	2020938	2048958	1.25	cps
Bismuth	209-2	1311842	1323769	1316210	1317274	0.46	cps
Boron	10-1	783	942	875	867	9.17	cps
Boron	11-1	4676	4501	4518	4565	2.12	cps
Cadmium	106-1	900	1042	908	950	8.37	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Cadmium	111-1	633	735	634	667	8.76	cps
Calcium	43-1	822364	807257	799609	809743	1.43	cps
Calcium	44-1	12970610	12845501	12750060	12855390	0.86	cps
Chromium	52-2	330	290	317	312	6.52	cps
Cobalt	59-2	310	303	290	301	3.38	cps
Copper	63-2	8329	8343	8336	8336	0.08	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Dysprosium	156-1	17	58	33	36	58.08	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	0	13	0	4	173.21	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Gadolinium	160-1	8	33	17	19	65.47	cps
Holmium	165-2	1970648	1971895	1977149	1973231	0.17	cps
Holmium	165-1	3421649	3422542	3390470	3411554	0.54	cps
Indium	115-1	3021625	3029375	3020359	3023786	0.16	cps
Indium	115-2	584713	591880	589335	588643	0.62	cps
Iron	56-2	17934	17717	17733	17794	0.68	cps
Iron	57-2	472	533	472	493	7.16	cps
Lead	206-1	1483	1611	1595	1563	4.44	cps
Lead	207-1	1206	1289	1156	1217	5.54	cps
Lead	208-1	5812	6134	5490	5812	5.55	cps
Lithium	6-1	559555	556936	553799	556763	0.52	cps
Magnesium	24-2	3597263	3588381	3585236	3590293	0.17	cps
Manganese	55-2	523	577	467	522	10.53	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1919-04	Instrumnet Name :	P7
Client Sample ID :	MG9TL8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:36:42	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	900	1092	1075	1022	10.39	cps
Molybdenum	95-1	1425	1592	1550	1522	5.70	cps
Molybdenum	96-1	1458	1575	1692	1575	7.41	cps
Molybdenum	97-1	1058	883	850	931	12.03	cps
Molybdenum	98-1	2267	2342	2134	2247	4.70	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	297	307	327	310	4.93	cps
Phosphorus	31-2	58	25	33	39	44.62	cps
Potassium	39-2	94298	91264	91265	92276	1.90	cps
Rhodium	103-2	1534741	1540774	1538922	1538146	0.20	cps
Rhodium	103-1	3142762	3132596	3083712	3119690	1.01	cps
Scandium	45-1	3071113	3014214	3011311	3032213	1.11	cps
Scandium	45-2	127133	127089	127742	127321	0.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	24	39	31	23.54	cps
Selenium	82-1	36	-24	-8	1	3014.41	cps
Silicon	28-1	14543499	14581244	14516431	14547058	0.22	cps
Silver	109-1	867	983	908	920	6.43	cps
Silver	107-1	1100	958	1033	1031	6.88	cps
Sodium	23-2	706865	712095	705792	708250	0.48	cps
Strontium	86-1	81020	80903	80735	80886	0.18	cps
Strontium	88-1	695914	684838	675425	685392	1.50	cps
Sulfur	34-1	237573	240789	237615	238659	0.77	cps
Terbium	159-1	3675390	3639556	3627556	3647500	0.68	cps
Terbium	159-2	1998858	2011496	2003978	2004778	0.32	cps
Thallium	203-1	25	33	25	28	17.31	cps
Thallium	205-1	92	108	67	89	23.59	cps
Tin	118-1	850	875	775	833	6.25	cps
Titanium	47-1	275	200	217	231	17.08	cps
Uranium	238-1	6544	6243	6619	6469	3.07	cps
Vanadium	51-2	70	43	57	57	23.53	cps
Yttrium	89-2	552285	559401	557971	556552	0.68	cps
Yttrium	89-1	3948815	3958491	3934738	3947348	0.30	cps
Zinc	66-2	2364	2317	2360	2347	1.11	cps
Zirconium	90-1	625	567	600	597	4.90	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1919-04	Instrumnet Name :	P7
Client Sample ID :	MG9TL8	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:36:42	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	83	117	128	39.85	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1790-01	Instrumnet Name :	P7
Client Sample ID :	38-FB021017	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:40:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	67	56	17.32	cps
Antimony	121-1	167	100	225	164	38.17	cps
Arsenic	75-2	9	6	9	8	26.61	cps
Barium	135-1	167	175	75	139	39.95	cps
Barium	137-1	233	283	267	261	9.75	cps
Beryllium	9-1	11	6	28	15	78.05	cps
Bismuth	209-2	1260992	1271411	1275168	1269190	0.58	cps
Bismuth	209-1	1977436	1967888	1941792	1962372	0.94	cps
Boron	10-1	325	267	400	331	20.22	cps
Boron	11-1	1600	1625	1425	1550	7.03	cps
Cadmium	106-1	825	942	775	847	10.10	cps
Cadmium	108-1	13	0	0	4	173.21	cps
Cadmium	111-1	569	663	547	593	10.45	cps
Calcium	43-1	625	567	525	572	8.78	cps
Calcium	44-1	11697	10729	10396	10941	6.18	cps
Chromium	52-2	350	447	377	391	12.77	cps
Cobalt	59-2	30	60	60	50	34.64	cps
Copper	63-2	1750	1467	1770	1662	10.21	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Erbium	164-1	17	0	33	17	99.99	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Gadolinium	160-1	25	0	17	14	91.65	cps
Holmium	165-1	3131436	3131208	3131884	3131509	0.01	cps
Holmium	165-2	1843371	1840040	1859176	1847529	0.55	cps
Indium	115-2	558765	558811	560647	559408	0.19	cps
Indium	115-1	3029682	2981411	2971827	2994307	1.04	cps
Iron	56-2	2845	2884	2739	2823	2.65	cps
Iron	57-2	61	67	50	59	14.32	cps
Lead	206-1	278	317	261	285	10.00	cps
Lead	207-1	278	244	217	246	12.42	cps
Lead	208-1	1095	1061	1045	1067	2.39	cps
Lithium	6-1	519206	506245	509121	511524	1.33	cps
Magnesium	24-2	808	817	792	806	1.58	cps
Manganese	55-2	70	97	73	80	18.17	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1790-01	Instrumnet Name :	P7
Client Sample ID :	38-FB021017	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:40:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	233	208	208	12.00	cps
Molybdenum	95-1	192	142	167	167	15.00	cps
Molybdenum	96-1	217	333	358	303	24.97	cps
Molybdenum	97-1	150	167	250	189	28.36	cps
Molybdenum	98-1	200	375	383	319	32.41	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	47	50	44	15.61	cps
Phosphorus	31-2	42	92	33	56	56.79	cps
Potassium	39-2	9620	9854	9662	9712	1.28	cps
Rhodium	103-2	1449628	1454601	1460999	1455076	0.39	cps
Rhodium	103-1	2963611	2915819	2901068	2926833	1.12	cps
Scandium	45-2	117978	118842	117793	118205	0.47	cps
Scandium	45-1	2826456	2782691	2751170	2786772	1.36	cps
Selenium	82-1	43	-14	-117	-29	-278.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	30	26	43	33	26.74	cps
Silicon	28-1	288608	286436	286938	287328	0.40	cps
Silver	109-1	108	125	50	94	41.70	cps
Silver	107-1	108	142	133	128	13.57	cps
Sodium	23-2	38609	38267	38927	38601	0.86	cps
Strontium	86-1	792	817	850	820	3.57	cps
Strontium	88-1	658	675	733	689	5.72	cps
Sulfur	34-1	166891	165762	167884	166846	0.64	cps
Terbium	159-1	3343083	3378168	3323845	3348365	0.82	cps
Terbium	159-2	1876039	1884867	1885737	1882214	0.29	cps
Thallium	203-1	17	33	0	17	99.99	cps
Thallium	205-1	42	25	33	33	25.01	cps
Tin	118-1	467	767	400	545	35.89	cps
Titanium	47-1	100	158	150	136	23.18	cps
Uranium	238-1	58	25	33	39	44.62	cps
Vanadium	51-2	30	47	33	37	24.06	cps
Yttrium	89-2	521345	518590	523981	521306	0.52	cps
Yttrium	89-1	3638594	3566836	3560240	3588557	1.21	cps
Zinc	66-2	560	593	613	589	4.58	cps
Zirconium	90-1	358	358	325	347	5.54	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	I1790-01	Instrumnet Name :	P7
Client Sample ID :	38-FB021017	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:40:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	58	92	69	27.71	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BL	Instrumnet Name :	P7
Client Sample ID :	PB97027BL	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:43:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	17	8	100.02	cps
Antimony	121-1	250	167	225	214	19.99	cps
Arsenic	75-2	7	15	9	10	36.70	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	8	58	17	28	96.44	cps
Beryllium	9-1	28	33	17	26	32.72	cps
Bismuth	209-1	1798533	1880771	1865794	1848366	2.37	cps
Bismuth	209-2	1223012	1235383	1234818	1231071	0.57	cps
Boron	10-1	158	167	142	156	8.18	cps
Boron	11-1	942	942	917	933	1.55	cps
Cadmium	106-1	917	842	867	875	4.37	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Cadmium	111-1	646	586	611	614	4.88	cps
Calcium	43-1	108	83	117	103	16.88	cps
Calcium	44-1	4076	4326	3859	4087	5.72	cps
Chromium	52-2	297	283	337	306	9.08	cps
Cobalt	59-2	57	37	50	48	21.31	cps
Copper	63-2	373	377	333	361	6.68	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Erbium	164-1	0	25	8	11	114.58	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Holmium	165-2	1774642	1789463	1811235	1791780	1.03	cps
Holmium	165-1	2896269	2969261	2987865	2951132	1.64	cps
Indium	115-1	2747832	2854266	2846325	2816141	2.11	cps
Indium	115-2	540864	541373	548506	543581	0.79	cps
Iron	56-2	1578	1645	1667	1630	2.84	cps
Iron	57-2	44	61	56	54	15.80	cps
Lead	206-1	211	233	233	226	5.68	cps
Lead	207-1	228	206	300	244	20.20	cps
Lead	208-1	850	1006	989	948	9.01	cps
Lithium	6-1	473265	488851	492151	484756	2.08	cps
Magnesium	24-2	133	217	217	189	25.47	cps
Manganese	55-2	30	30	27	29	6.65	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BL	Instrumnet Name :	P7
Client Sample ID :	PB97027BL	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:43:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	217	225	214	5.95	cps
Molybdenum	95-1	167	175	125	156	17.22	cps
Molybdenum	96-1	175	167	225	189	16.70	cps
Molybdenum	97-1	100	75	83	86	14.79	cps
Molybdenum	98-1	158	200	283	214	29.76	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	13	20	17	20.01	cps
Phosphorus	31-2	25	50	42	39	32.73	cps
Potassium	39-2	9178	9045	9387	9203	1.87	cps
Rhodium	103-2	1398623	1406980	1421752	1409118	0.83	cps
Rhodium	103-1	2700793	2799668	2795154	2765205	2.02	cps
Scandium	45-1	2559852	2660252	2666076	2628727	2.27	cps
Scandium	45-2	113011	114666	115455	114377	1.09	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	37	35	22	31	25.65	cps
Selenium	82-1	-25	-73	-12	-37	-88.40	cps
Silicon	28-1	274834	275020	276003	275286	0.23	cps
Silver	107-1	92	83	75	83	10.00	cps
Silver	109-1	50	67	50	56	17.32	cps
Sodium	23-2	11547	11572	11889	11669	1.63	cps
Strontium	86-1	717	800	683	733	8.19	cps
Strontium	88-1	83	92	58	78	22.30	cps
Sulfur	34-1	167986	166899	169232	168039	0.69	cps
Terbium	159-1	3055499	3218628	3243080	3172403	3.21	cps
Terbium	159-2	1821815	1823598	1830389	1825267	0.25	cps
Thallium	203-1	33	25	25	28	17.31	cps
Thallium	205-1	42	8	42	31	62.99	cps
Tin	118-1	217	292	225	244	16.82	cps
Titanium	47-1	92	58	42	64	39.85	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Yttrium	89-2	502578	505432	511719	506576	0.92	cps
Yttrium	89-1	3258576	3422359	3439004	3373313	2.96	cps
Zinc	66-2	43	80	43	56	38.11	cps
Zirconium	90-1	325	333	267	308	11.78	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BL	Instrumnet Name :	P7
Client Sample ID :	PB97027BL	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:43:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	75	58	61	20.83	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BS	Instrumnet Name :	P7
Client Sample ID :	PB97027BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:47:25	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	376369	382993	379336	379566	0.87	cps
Antimony	121-1	1577479	1559568	1554626	1563891	0.77	cps
Arsenic	75-2	60633	60466	61631	60910	1.03	cps
Barium	135-1	1955396	1925282	1932802	1937827	0.81	cps
Barium	137-1	3280062	3287734	3272861	3280219	0.23	cps
Beryllium	9-1	313169	310987	313975	312710	0.49	cps
Bismuth	209-1	1903201	1895326	1881625	1893384	0.58	cps
Bismuth	209-2	1218259	1233467	1239408	1230378	0.89	cps
Boron	10-1	44750	46539	47041	46110	2.61	cps
Boron	11-1	227503	234920	237722	233382	2.26	cps
Cadmium	106-1	41838	40267	40124	40743	2.33	cps
Cadmium	108-1	27990	27460	27356	27602	1.23	cps
Cadmium	111-1	367870	364720	365282	365957	0.46	cps
Calcium	43-1	674876	673853	671625	673451	0.25	cps
Calcium	44-1	10448349	10450537	10390307	10429731	0.33	cps
Chromium	52-2	640924	637300	639080	639102	0.28	cps
Cobalt	59-2	938964	951488	950419	946957	0.73	cps
Copper	63-2	1235866	1252711	1259750	1249442	0.98	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Dysprosium	156-1	25	50	42	39	32.73	cps
Erbium	164-2	3	7	13	8	65.47	cps
Erbium	164-1	25	17	17	19	24.73	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-2	1842322	1847242	1866007	1851857	0.67	cps
Holmium	165-1	3026287	3031018	3009508	3022271	0.37	cps
Indium	115-1	2875895	2857682	2845001	2859526	0.54	cps
Indium	115-2	538648	543069	546150	542623	0.69	cps
Iron	56-2	22056641	22097525	22140854	22098340	0.19	cps
Iron	57-2	583641	585745	591640	587009	0.71	cps
Lead	206-1	975118	970079	966904	970700	0.43	cps
Lead	207-1	888661	890848	890253	889921	0.13	cps
Lead	208-1	3938697	3930656	3913378	3927577	0.33	cps
Lithium	6-1	496565	494767	495159	495497	0.19	cps
Magnesium	24-2	4962864	4974701	4938642	4958736	0.37	cps
Manganese	55-2	640001	647192	647495	644896	0.66	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BS	Instrumnet Name :	P7
Client Sample ID :	PB97027BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:47:25	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1712673	1720696	1705180	1712850	0.45	cps
Molybdenum	95-1	915138	914247	907965	912450	0.43	cps
Molybdenum	96-1	1178499	1172666	1165523	1172229	0.55	cps
Molybdenum	97-1	575474	574952	568850	573092	0.64	cps
Molybdenum	98-1	1446808	1445811	1432635	1441751	0.55	cps
Neodymium	150-1	93	47	107	82	38.32	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	243840	243314	244674	243943	0.28	cps
Phosphorus	31-2	19688	19922	19789	19800	0.59	cps
Potassium	39-2	2143578	2173220	2156541	2157780	0.69	cps
Rhodium	103-2	1392171	1391786	1394305	1392754	0.10	cps
Rhodium	103-1	2772831	2758384	2741111	2757442	0.58	cps
Scandium	45-1	2703822	2687462	2665558	2685614	0.71	cps
Scandium	45-2	117525	117669	117216	117470	0.20	cps
Selenium	77-2	1017	953	990	987	3.22	cps
Selenium	78-2	3517	3615	3588	3573	1.42	cps
Selenium	82-1	27208	26921	27149	27093	0.56	cps
Silicon	28-1	1693796	1700757	1703376	1699310	0.29	cps
Silver	107-1	1813825	1805870	1818266	1812654	0.35	cps
Silver	109-1	1724024	1698206	1706623	1709618	0.77	cps
Sodium	23-2	9779454	9779459	9715276	9758063	0.38	cps
Strontium	86-1	672577	668316	665225	668706	0.55	cps
Strontium	88-1	5588797	5604790	5590985	5594857	0.15	cps
Sulfur	34-1	362098	359322	360436	360619	0.39	cps
Terbium	159-1	3209955	3229556	3226310	3221940	0.33	cps
Terbium	159-2	1869658	1885595	1880432	1878561	0.43	cps
Thallium	203-1	1183910	1188516	1166180	1179535	1.00	cps
Thallium	205-1	2754039	2741590	2723087	2739572	0.57	cps
Tin	118-1	1286492	1279112	1280725	1282109	0.30	cps
Titanium	47-1	328535	321548	322256	324113	1.19	cps
Uranium	238-1	4359804	4426041	4381763	4389202	0.77	cps
Vanadium	51-2	553837	554188	555894	554640	0.20	cps
Yttrium	89-2	517112	517380	519884	518125	0.30	cps
Yttrium	89-1	3470149	3457651	3441874	3456558	0.41	cps
Zinc	66-2	154873	156060	156834	155922	0.63	cps
Zirconium	90-1	3239370	3249708	3243762	3244280	0.16	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	PB97027BS	Instrumnet Name :	P7
Client Sample ID :	PB97027BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:47:25	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	753516	757272	754271	755020	0.26	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:50:56	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390597	385379	393226	389734	1.02	cps
Antimony	121-1	1606561	1604959	1590851	1600790	0.54	cps
Arsenic	75-2	61905	62059	62050	62005	0.14	cps
Barium	135-1	1964176	1941488	1942108	1949257	0.66	cps
Barium	137-1	3312259	3310291	3282951	3301834	0.50	cps
Beryllium	9-1	315092	316090	315194	315459	0.17	cps
Bismuth	209-1	1875571	1876915	1874234	1875573	0.07	cps
Bismuth	209-2	1220794	1234535	1241705	1232345	0.86	cps
Boron	10-1	46480	46890	48094	47155	1.78	cps
Boron	11-1	240812	242083	246443	243113	1.21	cps
Cadmium	106-1	42030	42105	40985	41707	1.50	cps
Cadmium	108-1	28170	27239	27769	27726	1.68	cps
Cadmium	111-1	372013	371768	370010	371264	0.29	cps
Calcium	43-1	686957	679799	684239	683665	0.53	cps
Calcium	44-1	10559107	10546186	10597304	10567532	0.25	cps
Chromium	52-2	647239	650691	652521	650150	0.41	cps
Cobalt	59-2	960218	959825	968951	962998	0.54	cps
Copper	63-2	1266701	1270090	1277588	1271460	0.44	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-2	3	3	7	4	43.40	cps
Erbium	164-1	8	17	8	11	43.34	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	10	20	20	17	34.64	cps
Holmium	165-2	1848601	1868604	1864523	1860576	0.57	cps
Holmium	165-1	3011926	2973024	2992733	2992561	0.65	cps
Indium	115-1	2839332	2828971	2831329	2833211	0.19	cps
Indium	115-2	539934	544982	548534	544484	0.79	cps
Iron	56-2	22627150	22414112	22442804	22494688	0.51	cps
Iron	57-2	594365	595969	599202	596512	0.41	cps
Lead	206-1	981739	981890	981022	981550	0.05	cps
Lead	207-1	905100	894717	902411	900743	0.60	cps
Lead	208-1	3987673	3957023	3977923	3974206	0.39	cps
Lithium	6-1	499654	495201	489563	494806	1.02	cps
Magnesium	24-2	5050867	5078043	5079381	5069430	0.32	cps
Manganese	55-2	648729	654247	659762	654246	0.84	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:50:56	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1738023	1731681	1734137	1734614	0.18	cps
Molybdenum	95-1	928803	923805	923779	925462	0.31	cps
Molybdenum	96-1	1186609	1183967	1187747	1186108	0.16	cps
Molybdenum	97-1	582680	576788	580848	580105	0.52	cps
Molybdenum	98-1	1479179	1465971	1461960	1469036	0.61	cps
Neodymium	150-1	73	53	60	62	16.37	cps
Neodymium	150-2	17	20	10	16	32.73	cps
Nickel	60-2	248540	248191	251042	249258	0.62	cps
Phosphorus	31-2	19572	20607	20565	20248	2.89	cps
Potassium	39-2	2188081	2184990	2223766	2198946	0.98	cps
Rhodium	103-2	1390460	1405603	1406671	1400911	0.65	cps
Rhodium	103-1	2766053	2741045	2733016	2746704	0.63	cps
Scandium	45-1	2691525	2667705	2651269	2670166	0.76	cps
Scandium	45-2	115660	117373	117457	116830	0.87	cps
Selenium	77-2	1037	1030	1073	1047	2.23	cps
Selenium	78-2	3619	3702	3641	3654	1.18	cps
Selenium	82-1	27564	27465	27000	27343	1.10	cps
Silicon	28-1	1677156	1683485	1663903	1674848	0.60	cps
Silver	107-1	1841183	1817516	1825702	1828134	0.66	cps
Silver	109-1	1740509	1726785	1724223	1730506	0.51	cps
Sodium	23-2	9968023	9855621	9986712	9936785	0.71	cps
Strontium	86-1	683189	680226	677052	680155	0.45	cps
Strontium	88-1	5700549	5705451	5628674	5678225	0.76	cps
Sulfur	34-1	356013	354238	352865	354372	0.45	cps
Terbium	159-1	3193510	3194786	3204060	3197452	0.18	cps
Terbium	159-2	1868575	1888154	1902453	1886394	0.90	cps
Thallium	203-1	1195051	1180801	1196731	1190861	0.73	cps
Thallium	205-1	2770035	2756420	2758005	2761486	0.27	cps
Tin	118-1	1304783	1298717	1300606	1301369	0.24	cps
Titanium	47-1	328635	324181	329967	327594	0.92	cps
Uranium	238-1	4402738	4439678	4405516	4415977	0.47	cps
Vanadium	51-2	559227	564667	567910	563935	0.78	cps
Yttrium	89-2	512883	518552	522204	517880	0.91	cps
Yttrium	89-1	3429944	3445382	3398400	3424576	0.70	cps
Zinc	66-2	158115	157886	160190	158730	0.80	cps
Zirconium	90-1	3298500	3268361	3279987	3282283	0.46	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 17:50:56	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	767998	761962	759632	763197	0.57	cps

LB Number : LB85983 Operator : Jaswal
 Lab Sample ID : CCB54 Instrumnet Name : P7
 Client Sample ID : CCB54 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-22 18:00:11 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	8	14	69.31	cps
Antimony	121-1	3559	4784	5034	4459	17.71	cps
Arsenic	75-2	22	24	19	22	13.08	cps
Barium	135-1	58	50	50	53	9.12	cps
Barium	137-1	125	67	100	97	30.10	cps
Beryllium	9-1	72	61	56	63	13.47	cps
Bismuth	209-2	1257248	1261213	1263796	1260752	0.26	cps
Bismuth	209-1	1934641	1832075	1878838	1881852	2.73	cps
Boron	10-1	575	617	600	597	3.51	cps
Boron	11-1	2775	2759	2800	2778	0.76	cps
Cadmium	111-1	580	465	614	553	14.15	cps
Cadmium	106-1	825	650	875	783	15.08	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	142	92	75	103	33.76	cps
Calcium	44-1	4301	4309	4101	4237	2.79	cps
Chromium	52-2	317	303	280	300	6.19	cps
Cobalt	59-2	77	77	70	74	5.17	cps
Copper	63-2	240	203	183	209	13.76	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Gadolinium	160-1	25	8	25	19	49.50	cps
Holmium	165-1	3060638	2937577	3036591	3011602	2.17	cps
Holmium	165-2	1831863	1844384	1839621	1838623	0.34	cps
Indium	115-2	549427	551454	551429	550770	0.21	cps
Indium	115-1	2869367	2739216	2811422	2806668	2.32	cps
Iron	56-2	1950	2100	1950	2000	4.33	cps
Iron	57-2	28	22	44	31	36.74	cps
Lead	206-1	217	206	283	235	17.89	cps
Lead	207-1	167	217	211	198	13.83	cps
Lead	208-1	1022	1017	989	1009	1.77	cps
Lithium	6-1	499760	482094	488618	490157	1.82	cps
Magnesium	24-2	200	183	175	186	6.84	cps
Manganese	55-2	50	50	37	46	16.89	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 18:00:11	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	742	667	633	20.26	cps
Molybdenum	95-1	542	742	733	672	16.83	cps
Molybdenum	96-1	642	917	1125	895	27.11	cps
Molybdenum	97-1	333	408	450	397	14.88	cps
Molybdenum	98-1	883	1208	1200	1097	16.89	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	7	3	10	88.20	cps
Phosphorus	31-2	83	42	42	56	43.30	cps
Potassium	39-2	9203	9228	8811	9081	2.58	cps
Rhodium	103-2	1419193	1421192	1429137	1423174	0.37	cps
Rhodium	103-1	2820484	2707440	2767819	2765248	2.05	cps
Scandium	45-2	115354	116833	116396	116194	0.65	cps
Scandium	45-1	2701507	2552455	2629652	2627871	2.84	cps
Selenium	82-1	17	10	25	17	43.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	37	24	32	21.85	cps
Silicon	28-1	277593	281054	280308	279652	0.65	cps
Silver	109-1	50	50	83	61	31.50	cps
Silver	107-1	75	33	142	83	65.58	cps
Sodium	23-2	9512	9979	9570	9687	2.63	cps
Strontium	86-1	708	533	800	681	19.91	cps
Strontium	88-1	75	142	67	94	43.53	cps
Sulfur	34-1	159385	160380	160539	160101	0.39	cps
Terbium	159-2	1868324	1882170	1874228	1874907	0.37	cps
Terbium	159-1	3264803	3158170	3269279	3230751	1.95	cps
Thallium	203-1	92	67	100	86	20.14	cps
Thallium	205-1	83	167	175	142	35.78	cps
Tin	118-1	533	658	842	678	22.88	cps
Titanium	47-1	108	25	42	58	75.59	cps
Uranium	238-1	33	58	67	53	32.88	cps
Vanadium	51-2	0	10	7	6	91.64	cps
Yttrium	89-2	513763	517994	515995	515917	0.41	cps
Yttrium	89-1	3423044	3356925	3448285	3409418	1.38	cps
Zinc	66-2	63	40	50	51	22.90	cps
Zirconium	90-1	492	542	692	575	18.10	cps

LB Number :	LB85983	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-02-22 18:00:11	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	150	100	108	35.25	cps