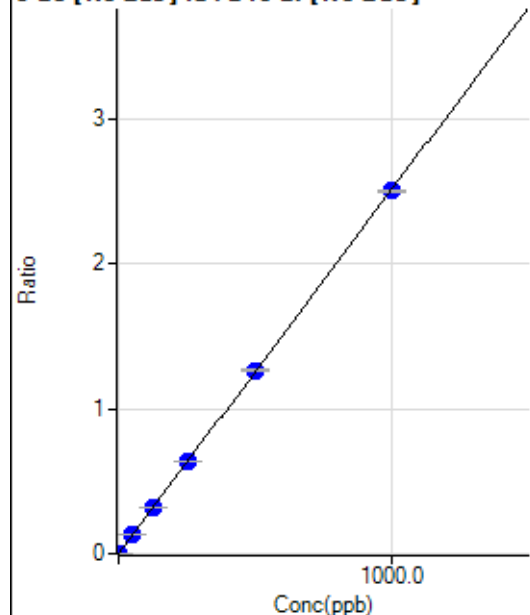


Calibration for 006CALS.d

Batch Folder: D:\ICP-MS Data\P7012717.b\
 Analysis File: P7012717.batch.bin
 DA Date-Time: 2017-01-27 13:18:21
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-01-27 11:33:36
2			
3	005CALS.d	S02	2017-01-27 11:41:23
4	006CALS.d	S03	2017-01-27 11:45:17
5	007CALS.d	S04	2017-01-27 11:49:11
6	008CALS.d	S05	2017-01-27 11:53:02
7	009CALS.d	S06	2017-01-27 11:56:52
8	010CALS.d	S07	2017-01-27 12:00:36
9	011CALS.d	S08	2017-01-27 12:04:13

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0001	P	33.7
2	☐	0.100					
3	☐	1.000	0.950	766.70	0.0024	P	3.6
4	☐	50.000	51.177	40320.64	0.1285	P	2.0
5	☐	125.000	125.983	101562.11	0.3162	P	0.8
6	☐	250.000	253.209	202064.01	0.6356	P	1.0
7	☐	500.000	503.961	402964.52	1.2649	P	1.0
8	☐	1000.000	997.035	784121.44	2.5024	P	0.8
9	☐			157.41	0.0005	P	12.2

$$y = 0.0025 * x + 5.4124E-005$$

$$R = 1.0000$$

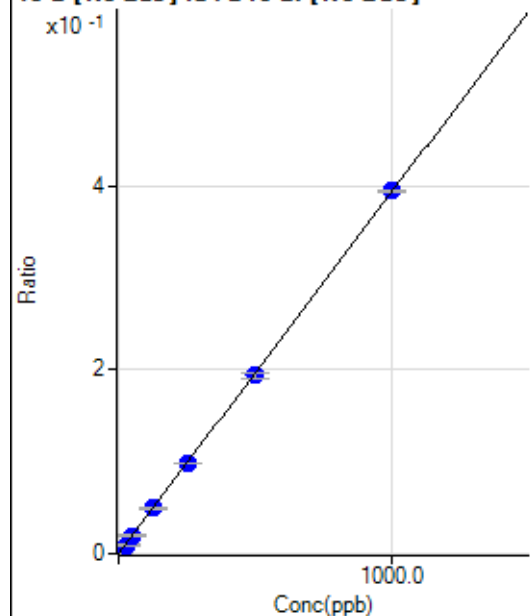
$$DL = 0.02181$$

$$BEC = 0.02157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0001	P	35.2
2	☐	2.500					
3	☐	25.000	23.314	2914.29	0.0093	P	3.9
4	☐	50.000	49.991	6195.93	0.0197	P	1.7
5	☐	125.000	125.391	15847.76	0.0494	P	1.5
6	☐	250.000	247.684	30957.70	0.0974	P	0.1
7	☐	500.000	493.064	61704.78	0.1937	P	3.6
8	☐	1000.000	1004.041	123568.33	0.3943	P	0.7
9	☐			2058.56	0.0070	P	12.9

$$y = 3.9264E-004 * x + 1.1719E-004$$

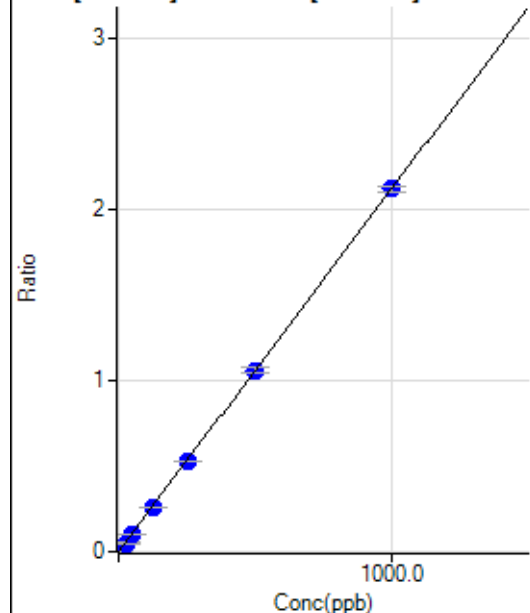
$$R = 1.0000$$

$$DL = 0.3153$$

$$BEC = 0.2985$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	241.68	0.0008	P	9.2
2	☐	2.500					
3	☐	25.000	23.319	15792.13	0.0502	P	2.8
4	☐	50.000	49.794	33387.81	0.1064	P	0.8
5	☐	125.000	123.730	84522.72	0.2632	P	0.5
6	☐	250.000	248.861	168047.12	0.5286	P	1.6
7	☐	500.000	500.601	338423.74	1.0625	P	3.0
8	☐	1000.000	1000.195	664938.57	2.1220	P	1.3
9	☐			11221.33	0.0381	P	6.4

$$y = 0.0021 * x + 7.8428E-004$$

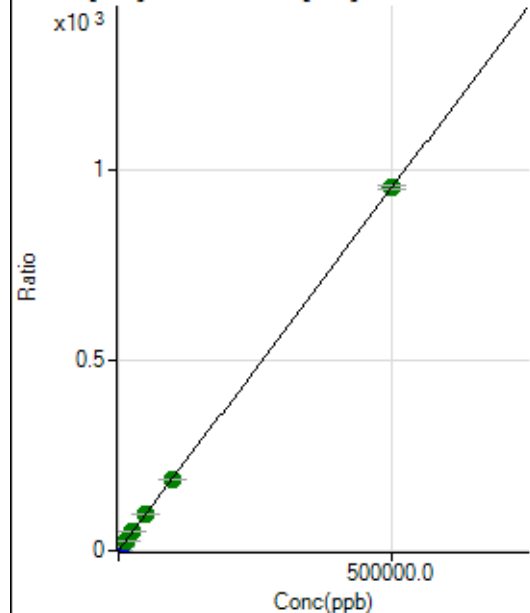
$$R = 1.0000$$

$$DL = 0.1015$$

$$BEC = 0.3698$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16545.73	0.0904	P	1.5
2	☐	50.000					
3	☐	500.000	490.178	185861.45	1.0246	P	1.3
4	☐	5000.000	5315.989	1822008.46	10.2215	P	5.5
5	☐	12500.000	12719.998	4483967.33	24.3318	A	0.3
6	☐	25000.000	25362.741	8853496.12	48.4259	A	0.9
7	☐	50000.000	50435.616	17643806.82	96.2089	A	0.5
8	☐	100000.00	98410.708	35665353.23	187.6382	A	0.7
9	☐	500000.00	500247.51	176198612.2	953.4451	A	1.1

$$y = 0.0019 * x + 0.0904$$

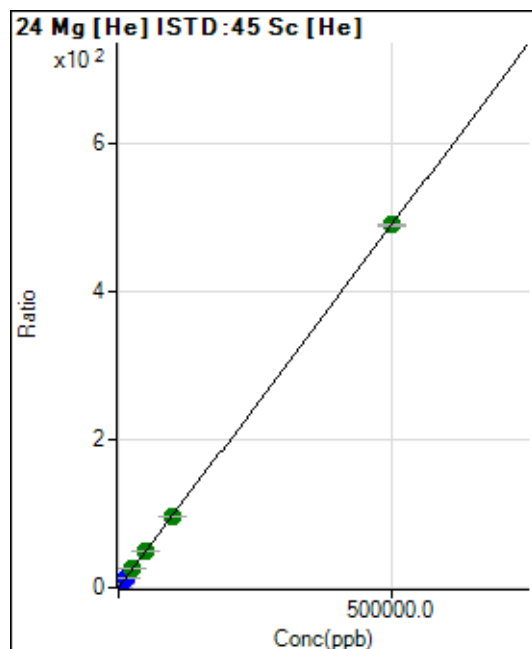
$$R = 1.0000$$

$$DL = 2.083$$

$$BEC = 47.45$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0011	P	16.5
2	☐	50.000					
3	☐	500.000	509.383	90726.76	0.5001	P	0.6
4	☐	5000.000	5369.586	938030.33	5.2620	P	5.3
5	☐	12500.000	12928.732	2334539.94	12.6681	P	0.2
6	☐	25000.000	25634.158	4591953.45	25.1164	A	0.7
7	☐	50000.000	50447.218	9064874.25	49.4272	A	1.2
8	☐	100000.00	98522.398	18348003.71	96.5294	A	0.5
9	☐	500000.00	500204.66	90566945.77	490.0816	A	0.6

$$y = 9.7976\text{E-}004 * x + 0.0011$$

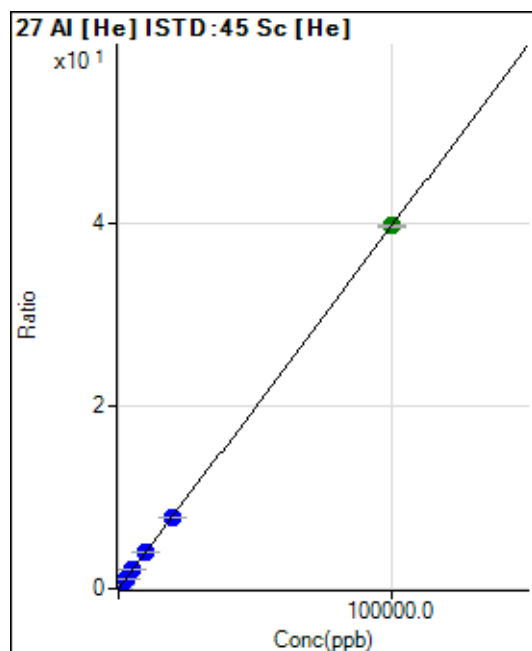
$$R = 1.0000$$

$$DL = 0.5358$$

$$BEC = 1.084$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0001	P	42.9
2	☐	2.000					
3	☐	20.000	20.317	1489.02	0.0082	P	10.2
4	☐	1000.000	1058.276	75111.17	0.4212	P	4.5
5	☐	2500.000	2539.220	186217.09	1.0105	P	1.5
6	☐	5000.000	5057.621	367958.12	2.0126	P	0.5
7	☐	10000.000	10040.778	732725.75	3.9954	P	1.0
8	☐	20000.000	19681.589	1488623.24	7.8316	P	0.2
9	☐	100000.00	100055.16	7357442.78	39.8130	A	0.9

$$y = 3.9791\text{E-}004 * x + 1.2133\text{E-}004$$

$$R = 1.0000$$

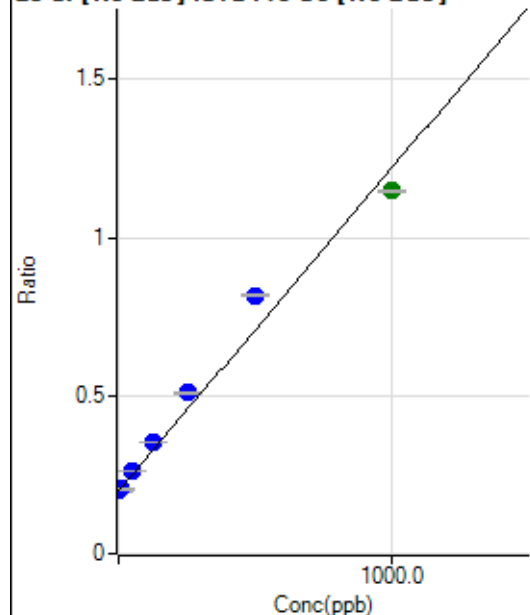
$$DL = 0.3921$$

$$BEC = 0.3049$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	719018.62	0.1981	P	0.9
2	☐	1.000					
3	☐	10.000	5.819	744800.53	0.2040	P	0.6
4	☐	50.000	61.040	947322.44	0.2604	P	0.6
5	☐	125.000	152.498	1298831.59	0.3538	P	0.9
6	☐	250.000	303.606	1860244.75	0.5081	P	0.6
7	☐	500.000	605.536	3012470.97	0.8165	P	0.8
8	☐	1000.000	929.883	4227588.07	1.1478	A	0.8
9	☐			972820.55	0.2701	P	0.6

$$y = 0.0010 * x + 0.1981$$

$$R = 0.9891$$

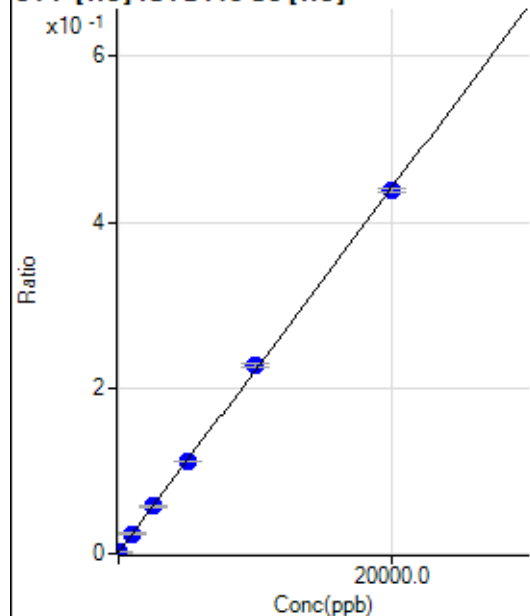
$$DL = 5.163$$

$$BEC = 193.9$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.234	227.79	0.0012	P	18.2
2	☐	0.000					
3	☐	0.000	14.234	338.90	0.0019	P	17.2
4	☐	1000.000	1029.516	4314.67	0.0242	P	2.7
5	☐	2500.000	2561.431	10656.96	0.0578	P	4.4
6	☐	5000.000	5000.368	20370.27	0.1114	P	1.7
7	☐	10000.000	10275.535	41689.65	0.2273	P	1.2
8	☐	20000.000	19852.986	83203.88	0.4377	P	1.0
9	☐			294.46	0.0016	P	28.7

$$y = 2.1970E-005 * x + 0.0016$$

$$R = 0.9999$$

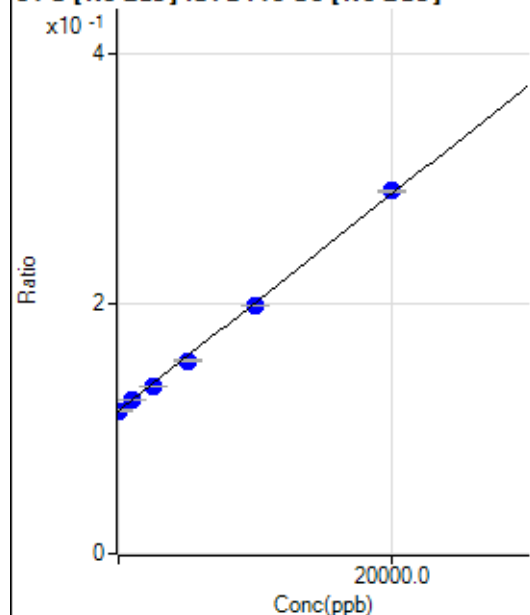
$$DL = 37.39$$

$$BEC = 70.85$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-7.032	414615.61	0.1142	P	0.5
2	☐	0.000					
3	☐	0.000	7.032	417397.40	0.1143	P	1.2
4	☐	1000.000	1045.232	448684.95	0.1233	P	0.0
5	☐	2500.000	2214.281	489991.09	0.1335	P	0.6
6	☐	5000.000	4601.560	564429.36	0.1542	P	0.7
7	☐	10000.000	9711.844	732372.29	0.1985	P	0.5
8	☐	20000.000	20277.141	1068681.87	0.2901	P	0.4
9	☐			397283.65	0.1103	P	1.1

$$y = 8.6737\text{E-}006 * x + 0.1143$$

$$R = 0.9995$$

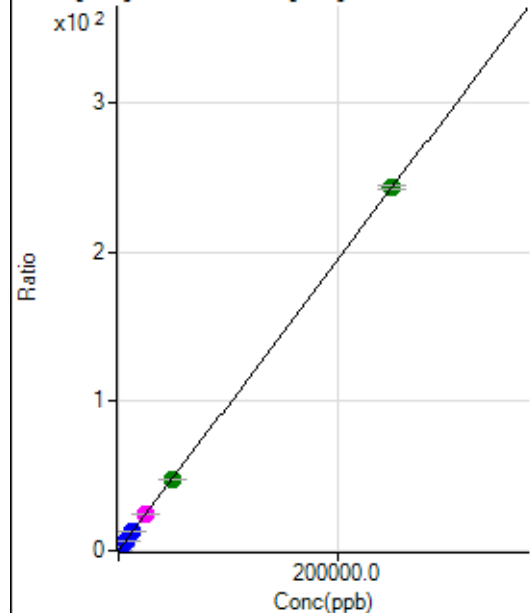
$$DL = 332$$

$$BEC = 1.317\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29819.59	0.1630	P	1.6
2	☐	50.000					
3	☐	500.000	486.741	115347.84	0.6358	P	0.4
4	☐	2500.000	2605.976	480316.35	2.6947	P	5.6
5	☐	6250.000	6314.699	1160560.43	6.2976	P	0.1
6	☐	12500.000	12516.076	2252859.77	12.3222	P	0.5
7	☐	25000.000	25036.645	4490364.86	24.4858	M	1.0
8	☐	50000.000	48813.853	9044725.98	47.5852	A	1.1
9	☐	250000.00	250230.11	44955516.28	243.2592	A	0.9

$$y = 9.7149\text{E-}004 * x + 0.1630$$

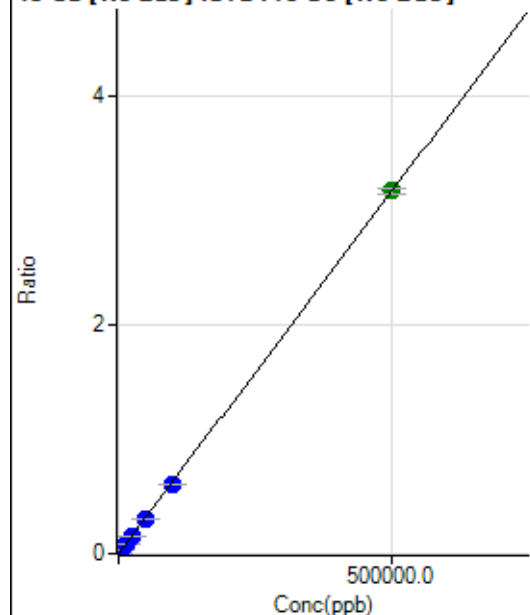
$$R = 1.0000$$

$$DL = 7.989$$

$$BEC = 167.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	11.1
2	☐	50.000					
3	☐	500.000	465.430	10907.24	0.0030	P	4.1
4	☐	5000.000	4851.855	111848.19	0.0307	P	0.8
5	☐	12500.000	12160.409	282654.44	0.0770	P	0.6
6	☐	25000.000	24164.186	559936.23	0.1530	P	0.6
7	☐	50000.000	48054.835	1122097.03	0.3041	P	0.1
8	☐	100000.00	95990.692	2237484.66	0.6075	P	0.3
9	☐	500000.00	501048.17	11417953.21	3.1706	A	1.4

$$y = 6.3279E-006 * x + 4.2848E-005$$

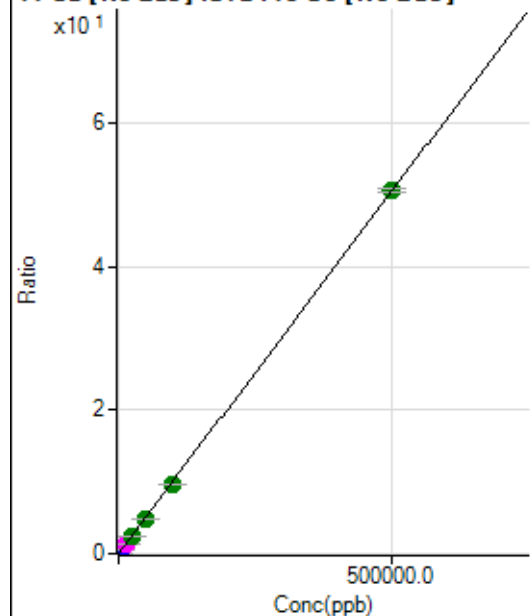
R = 1.0000

DL = 2.252

BEC = 6.771

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14179.61	0.0039	P	1.8
2	☐	50.000					
3	☐	500.000	465.093	185722.55	0.0509	P	0.7
4	☐	5000.000	4914.413	1819486.76	0.5001	P	0.4
5	☐	12500.000	12302.301	4574559.61	1.2461	M	0.9
6	☐	25000.000	24385.866	9028608.19	2.4663	A	0.7
7	☐	50000.000	48213.533	17975991.72	4.8723	A	0.4
8	☐	100000.00	96283.819	35824818.86	9.7262	A	0.3
9	☐	500000.00	500958.42	182173351.2	50.5882	A	1.0

$$y = 1.0098E-004 * x + 0.0039$$

R = 1.0000

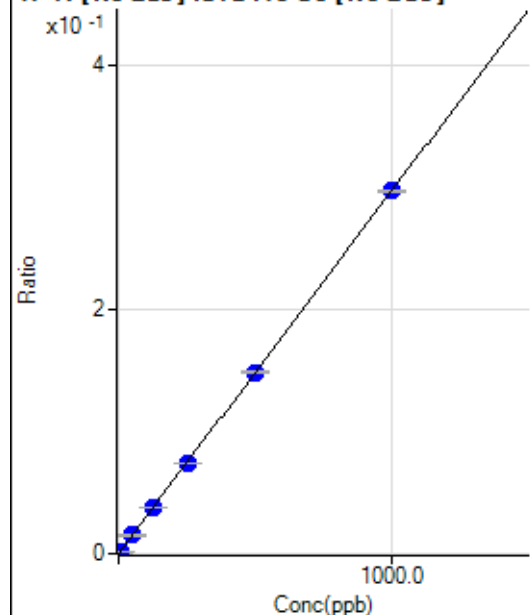
DL = 2.082

BEC = 38.68

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	119.45	0.0000	P	38.5
2	☐	0.500					
3	☐	5.000	4.749	5259.48	0.0014	P	1.8
4	☐	50.000	50.674	54755.51	0.0151	P	2.6
5	☐	125.000	125.151	136299.40	0.0371	P	0.5
6	☐	250.000	250.104	271485.63	0.0742	P	0.8
7	☐	500.000	498.656	545413.03	0.1478	P	1.0
8	☐	1000.000	1000.595	1092443.29	0.2966	P	0.3
9	☐			955.78	0.0003	P	7.5

$$y = 2.9638E-004 * x + 3.2910E-005$$

$$R = 1.0000$$

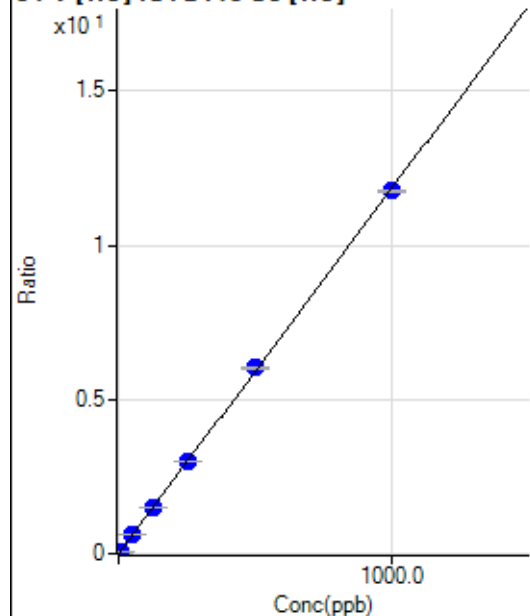
$$DL = 0.1282$$

$$BEC = 0.111$$

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	18.89	0.0001	P	61.5
2	☐	0.500					
3	☐	5.000	4.905	10547.23	0.0581	P	2.1
4	☐	50.000	52.537	110870.07	0.6218	P	4.8
5	☐	125.000	127.448	277958.53	1.5083	P	0.4
6	☐	250.000	253.368	548192.88	2.9984	P	0.2
7	☐	500.000	508.900	1104446.62	6.0224	P	0.6
8	☐	1000.000	994.276	2236533.21	11.7662	P	0.3
9	☐			794.48	0.0043	P	7.6

$$y = 0.0118 * x + 1.0318E-004$$

$$R = 0.9999$$

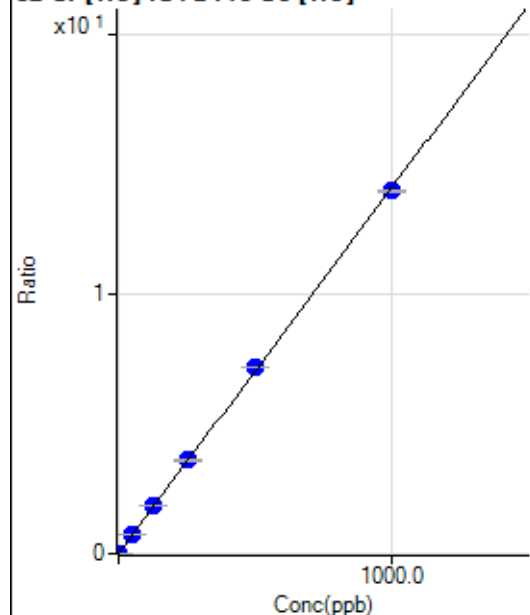
$$DL = 0.01608$$

$$BEC = 0.008719$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	531.13	0.0029	P	7.4
2	☐	0.200					
3	☐	2.000	2.071	5807.90	0.0320	P	1.8
4	☐	50.000	53.388	134300.44	0.7533	P	5.1
5	☐	125.000	129.629	336307.45	1.8249	P	0.8
6	☐	250.000	255.195	656322.37	3.5899	P	0.7
7	☐	500.000	511.092	1317984.47	7.1867	P	0.3
8	☐	1000.000	992.407	2652008.19	13.9520	P	0.2
9	☐			78131.24	0.4228	P	0.3

$$y = 0.0141 * x + 0.0029$$

$$R = 0.9999$$

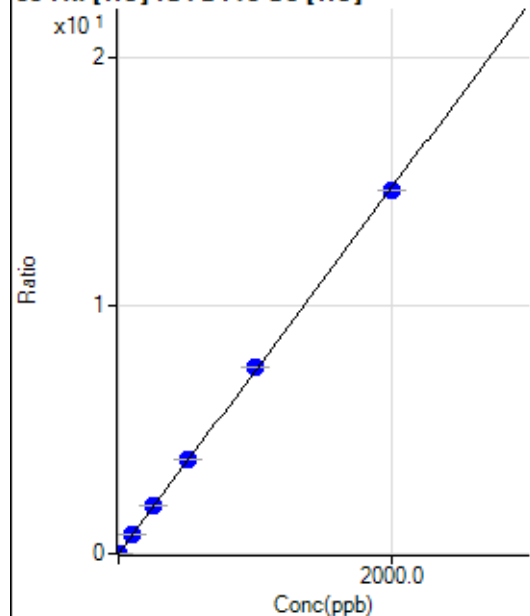
$$DL = 0.04594$$

$$BEC = 0.2065$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.44	0.0005	P	35.4
2	☐	0.100					
3	☐	1.000	1.017	1455.65	0.0080	P	6.9
4	☐	100.000	107.358	141280.42	0.7925	P	5.1
5	☐	250.000	260.680	354476.15	1.9235	P	0.1
6	☐	500.000	512.921	691866.30	3.7843	P	0.1
7	☐	1000.000	1022.173	1382937.17	7.5410	P	0.5
8	☐	2000.000	1983.980	2782027.01	14.6361	P	0.1
9	☐			10318.19	0.0558	P	1.3

$$y = 0.0074 * x + 5.1629E-004$$

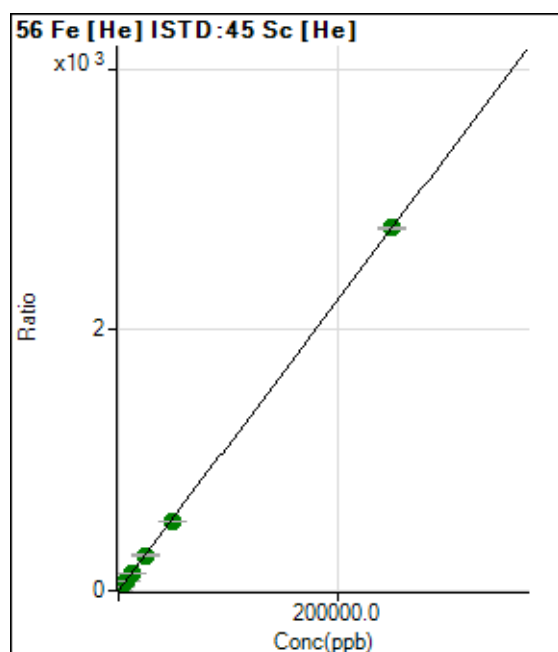
$$R = 0.9999$$

$$DL = 0.07438$$

$$BEC = 0.06999$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3148.58	0.0172	P	6.6
2	☐	5.000					
3	☐	50.000	50.607	104976.44	0.5787	P	1.6
4	☐	2500.000	2609.374	5164541.95	28.9691	A	5.1
5	☐	6250.000	6259.354	12801637.67	69.4669	A	0.7
6	☐	12500.000	12421.278	25199656.35	137.8356	A	0.9
7	☐	25000.000	24560.208	49977435.84	272.5212	A	0.6
8	☐	50000.000	47576.783	100341061.5	527.8980	A	0.6
9	☐	250000.00	250531.23	513702107.7	2,779.747	A	0.8

$$y = 0.0111 * x + 0.0172$$

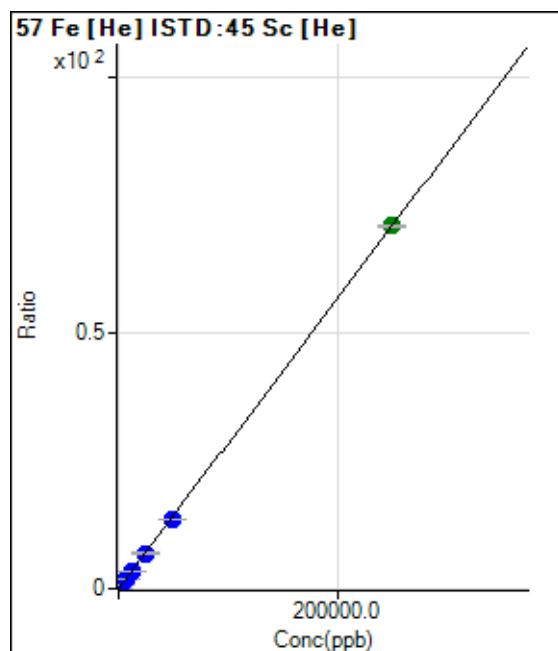
$$R = 0.9999$$

$$DL = 0.3054$$

$$BEC = 1.55$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0004	P	19.8
2	☐	5.000					
3	☐	50.000	49.316	2605.87	0.0144	P	5.4
4	☐	2500.000	2594.065	131076.17	0.7354	P	5.6
5	☐	6250.000	6258.400	326841.77	1.7736	P	0.3
6	☐	12500.000	12376.087	641148.82	3.5069	P	0.3
7	☐	25000.000	24533.401	1274804.14	6.9514	P	0.7
8	☐	50000.000	47644.287	2565953.62	13.4993	P	0.2
9	☐	250000.00	250522.84	13116968.12	70.9804	A	0.7

$$y = 2.8333E-004 * x + 3.9441E-004$$

$$R = 0.9999$$

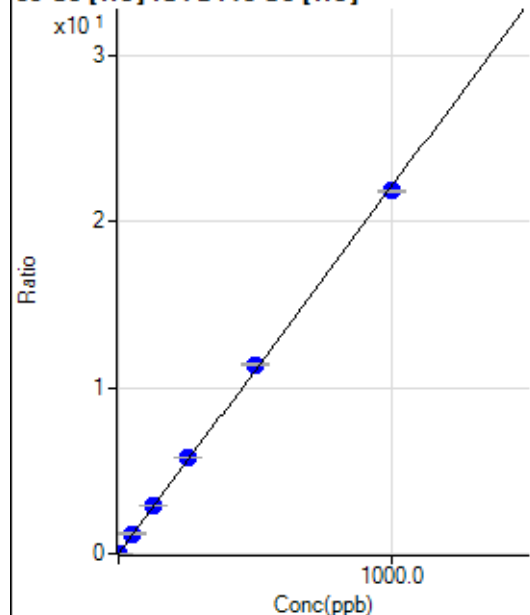
$$DL = 0.8276$$

$$BEC = 1.392$$

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	120.00	0.0007	P	8.0
2	☐	0.100					
3	☐	1.000	1.013	4176.20	0.0230	P	2.2
4	☐	50.000	54.649	215150.49	1.2069	P	5.3
5	☐	125.000	131.347	534393.68	2.8998	P	0.4
6	☐	250.000	259.745	1048316.60	5.7339	P	0.3
7	☐	500.000	516.037	2088996.29	11.3910	P	0.6
8	☐	1000.000	988.520	4147561.36	21.8200	P	0.2
9	☐			5714.54	0.0309	P	2.4

$$y = 0.0221 * x + 6.5605E-004$$

$$R = 0.9997$$

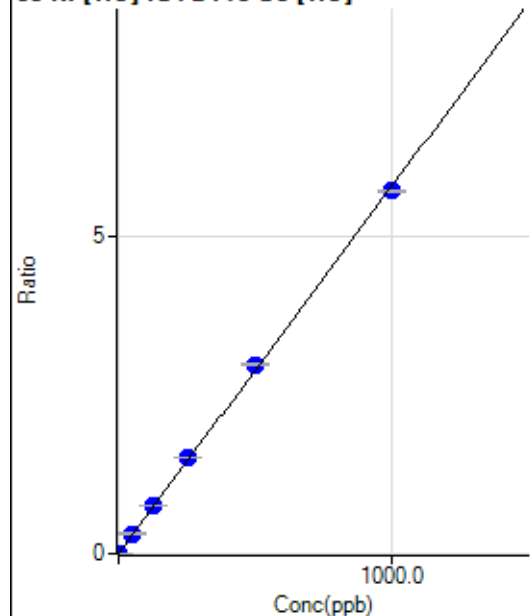
$$DL = 0.007119$$

$$BEC = 0.02972$$

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	60.00	0.0003	P	8.5
2	☐	0.100					
3	☐	1.000	1.071	1184.51	0.0065	P	6.5
4	☐	50.000	54.582	56387.14	0.3164	P	6.3
5	☐	125.000	132.276	141228.44	0.7664	P	0.4
6	☐	250.000	260.753	276140.60	1.5104	P	0.8
7	☐	500.000	515.064	547073.71	2.9831	P	0.7
8	☐	1000.000	988.641	1088345.39	5.7257	P	0.2
9	☐			19247.23	0.1042	P	1.1

$$y = 0.0058 * x + 3.2765E-004$$

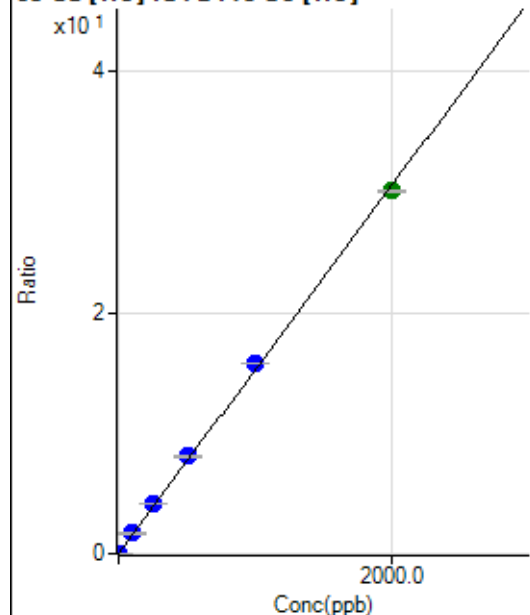
$$R = 0.9998$$

$$DL = 0.01448$$

$$BEC = 0.05658$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1693.46	0.0093	P	3.5
2	☐	0.200					
3	☐	2.000	2.176	7693.24	0.0424	P	1.3
4	☐	100.000	111.028	303234.45	1.7012	P	5.5
5	☐	250.000	268.481	755664.05	4.1005	P	0.8
6	☐	500.000	528.066	1472894.86	8.0562	P	0.2
7	☐	1000.000	1035.166	2894603.22	15.7837	P	0.3
8	☐	2000.000	1972.539	5715294.36	30.0680	A	0.5
9	☐			10383.80	0.0562	P	2.0

$$y = 0.0152 * x + 0.0093$$

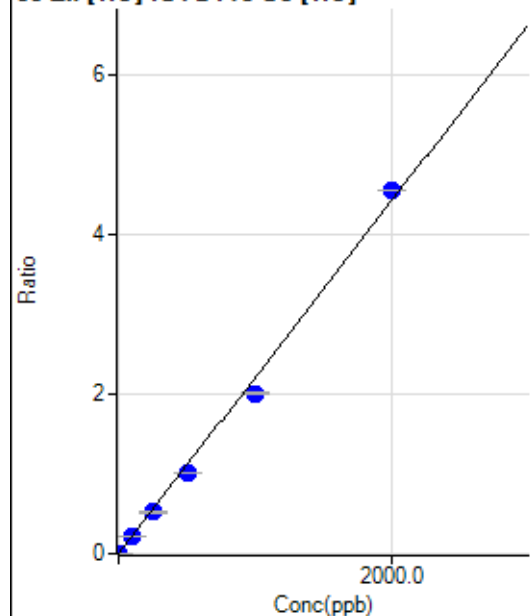
$$R = 0.9996$$

$$DL = 0.06348$$

$$BEC = 0.6073$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	85.56	0.0005	P	14.0
2	☐	0.200					
3	☐	2.000	2.158	951.16	0.0052	P	7.6
4	☐	100.000	96.283	38059.61	0.2135	P	5.1
5	☐	250.000	234.873	95847.48	0.5201	P	0.8
6	☐	500.000	459.910	186113.68	1.0180	P	0.8
7	☐	1000.000	909.551	369123.00	2.0128	P	0.6
8	☐	2000.000	2057.323	865277.44	4.5522	P	0.2
9	☐			9746.72	0.0527	P	0.6

$$y = 0.0022 * x + 4.6774E-004$$

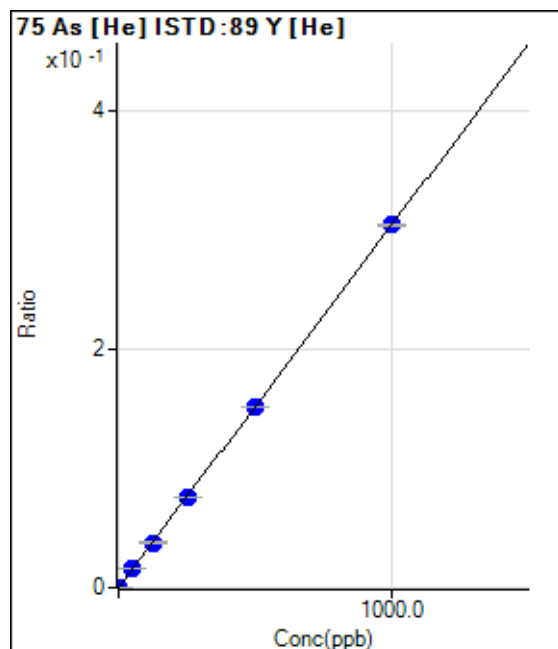
$$R = 0.9983$$

$$DL = 0.08862$$

$$BEC = 0.2114$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.02	0.0000	P	81.3
2	☐	0.100					
3	☐	1.000	0.996	293.22	0.0003	P	5.3
4	☐	50.000	51.967	14454.17	0.0158	P	5.7
5	☐	125.000	124.106	35828.61	0.0377	P	1.2
6	☐	250.000	250.742	71047.43	0.0762	P	0.2
7	☐	500.000	497.273	142389.78	0.1512	P	0.3
8	☐	1000.000	1001.192	290389.92	0.3044	P	0.6
9	☐			548.78	0.0006	P	3.5

$$y = 3.0405\text{E-}004 * x + 8.5148\text{E-}006$$

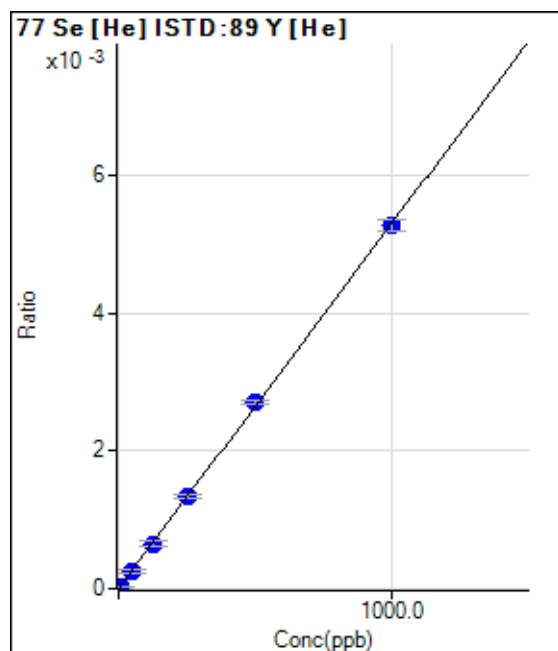
$$R = 1.0000$$

$$DL = 0.06833$$

$$BEC = 0.028$$

Weight: <None>

Min Conc: 0



	Rj 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	4.003	21.11	0.0000	P	48.2
4	☐	50.000	45.934	223.34	0.0002	P	23.9
5	☐	125.000	122.974	620.03	0.0007	P	10.5
6	☐	250.000	251.737	1244.52	0.0013	P	3.5
7	☐	500.000	511.078	2552.49	0.0027	P	1.6
8	☐	1000.000	994.488	5029.84	0.0053	P	3.1
9	☐			14.44	0.0000	P	34.3

$$y = 5.3012\text{E-}006 * x + 1.1908\text{E-}006$$

$$R = 0.9999$$

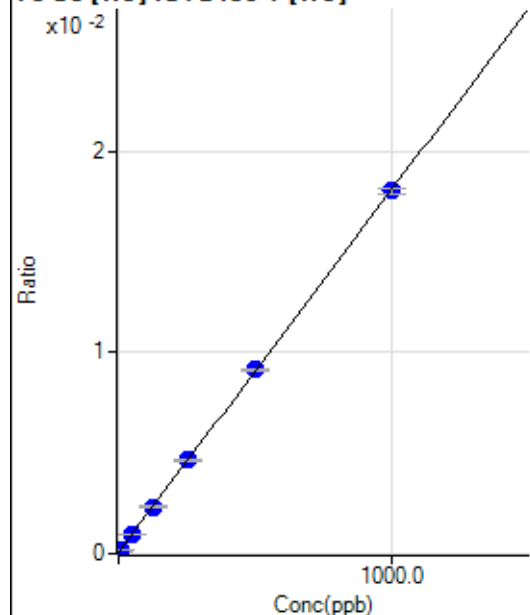
$$DL = 1.167$$

$$BEC = 0.2246$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.46	0.0001	P	12.4
2	☐	0.500					
3	☐	5.000	5.091	159.88	0.0002	P	15.5
4	☐	50.000	49.761	891.39	0.0010	P	4.1
5	☐	125.000	125.300	2215.00	0.0023	P	3.5
6	☐	250.000	254.427	4339.57	0.0047	P	1.4
7	☐	500.000	502.818	8595.20	0.0091	P	0.6
8	☐	1000.000	997.458	17197.92	0.0180	P	1.6
9	☐			127.78	0.0001	P	2.5

$$y = 1.7997\text{E-}005 * x + 7.8132\text{E-}005$$

$$R = 1.0000$$

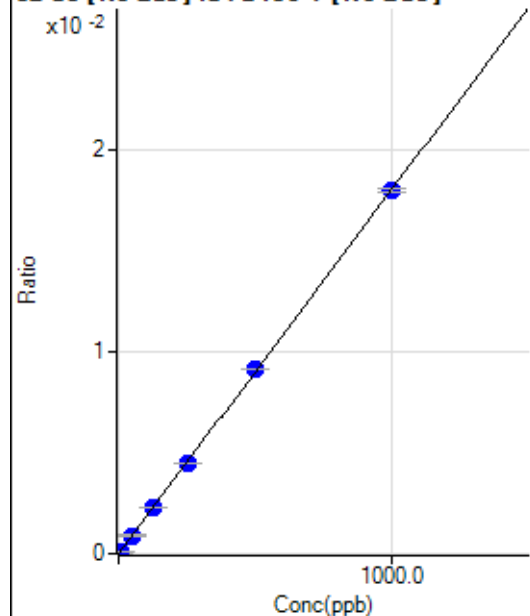
$$DL = 1.615$$

$$BEC = 4.341$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-3.92	0.0000	P	-2500.
2	☐	0.500					
3	☐	5.000	4.772	522.87	0.0001	P	7.1
4	☐	50.000	50.039	5431.40	0.0009	P	0.9
5	☐	125.000	126.738	13870.06	0.0023	P	1.0
6	☐	250.000	248.282	27304.44	0.0045	P	0.5
7	☐	500.000	505.872	55122.47	0.0091	P	0.1
8	☐	1000.000	997.276	109795.63	0.0180	P	0.9
9	☐			247.62	0.0000	P	35.1

$$y = 1.8017\text{E-}005 * x - 5.7510\text{E-}007$$

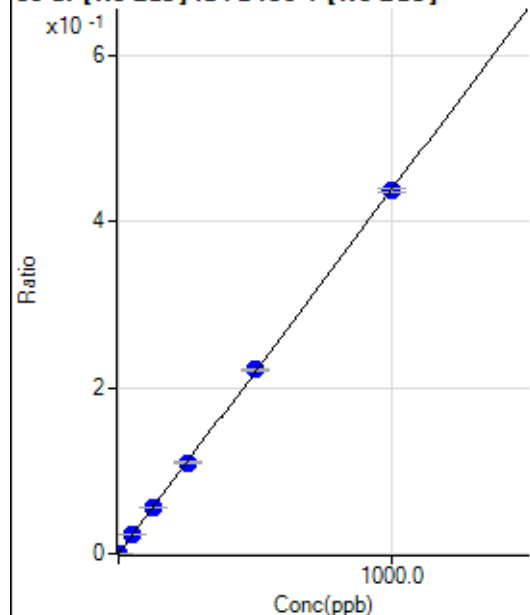
$$R = 1.0000$$

$$DL = 2.395$$

$$BEC = -0.03192$$

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	808.40	0.0001	P	5.1
2	☐	0.100					
3	☐	1.000	0.864	3133.81	0.0005	P	6.0
4	☐	50.000	50.931	135347.14	0.0225	P	0.9
5	☐	125.000	126.851	338576.42	0.0557	P	0.4
6	☐	250.000	249.857	669193.18	0.1096	P	1.0
7	☐	500.000	505.061	1339468.00	0.2215	P	0.7
8	☐	1000.000	997.228	2671303.12	0.4371	P	1.1
9	☐			80355.16	0.0136	P	0.8

$$y = 4.3822\text{E-}004 * x + 1.3332\text{E-}004$$

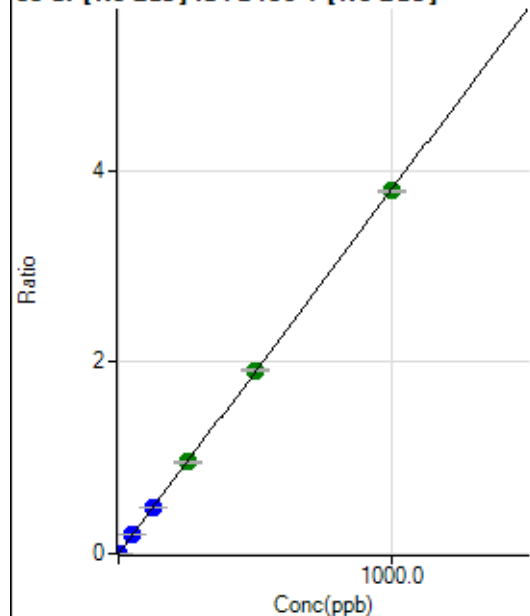
$$R = 1.0000$$

$$DL = 0.04651$$

$$BEC = 0.3042$$

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	119.45	0.0000	P	14.1
2	☐	0.100					
3	☐	1.000	0.902	21077.43	0.0034	P	1.0
4	☐	50.000	50.620	1157844.23	0.1921	P	0.7
5	☐	125.000	127.352	2935922.48	0.4832	P	0.3
6	☐	250.000	251.114	5815945.53	0.9527	A	0.9
7	☐	500.000	504.663	11580785.59	1.9147	A	0.4
8	☐	1000.000	997.065	23116977.77	3.7829	A	0.9
9	☐			697332.22	0.1176	P	0.4

$$y = 0.0038 * x + 1.9689\text{E-}005$$

$$R = 1.0000$$

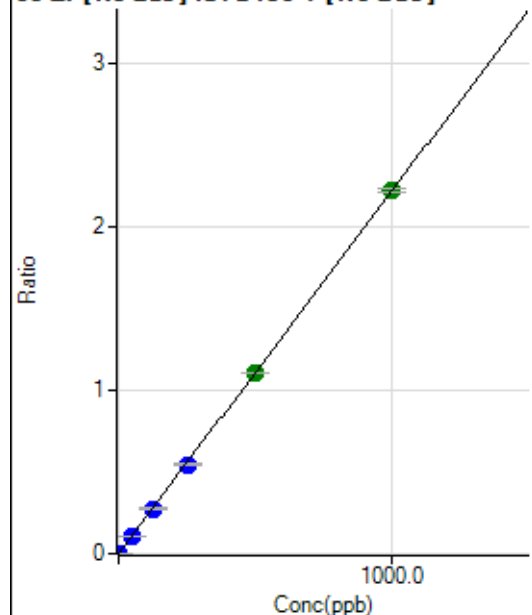
$$DL = 0.002197$$

$$BEC = 0.00519$$

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	355.57	0.0001	P	18.4
2	☐	0.100					
3	☐	1.000	0.710	9995.51	0.0016	P	5.9
4	☐	50.000	48.897	654297.26	0.1085	P	0.9
5	☐	125.000	124.646	1680533.22	0.2766	P	0.3
6	☐	250.000	246.046	3332550.49	0.5459	P	0.8
7	☐	500.000	498.722	6692367.95	1.1065	A	0.5
8	☐	1000.000	1001.727	13580795.96	2.2224	A	1.1
9	☐			3778.43	0.0006	P	1.6

$$y = 0.0022 * x + 5.8690E-005$$

$$R = 1.0000$$

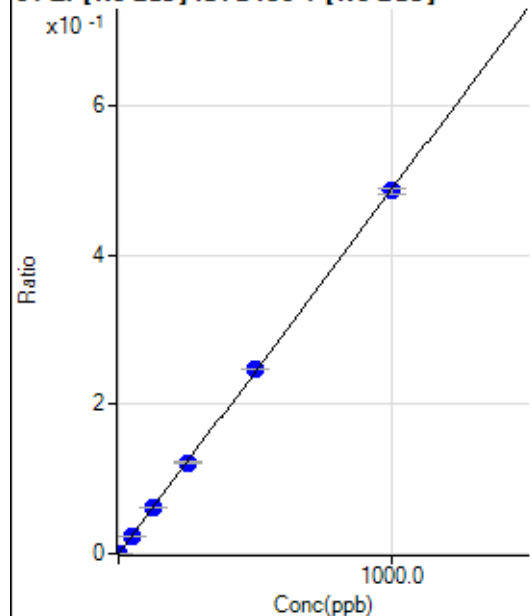
$$DL = 0.0146$$

$$BEC = 0.02645$$

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	97.23	0.0000	P	4.8
2	☐	0.100					
3	☐	1.000	0.663	2078.02	0.0003	P	3.2
4	☐	50.000	49.568	145953.69	0.0242	P	0.6
5	☐	125.000	127.121	377101.70	0.0621	P	0.6
6	☐	250.000	250.874	747612.82	0.1225	P	0.7
7	☐	500.000	505.261	1491752.18	0.2466	P	0.1
8	☐	1000.000	996.908	2973575.24	0.4866	P	1.3
9	☐			794.50	0.0001	P	20.5

$$y = 4.8811E-004 * x + 1.6031E-005$$

$$R = 1.0000$$

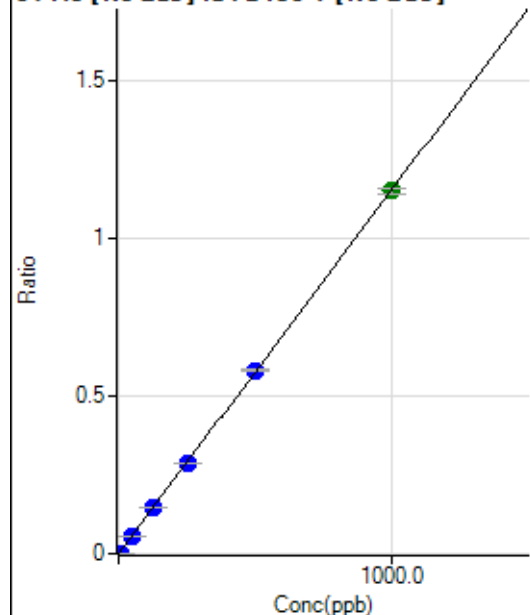
$$DL = 0.004738$$

$$BEC = 0.03284$$

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	188.90	0.0000	P	18.0
2	☐	0.500					
3	☐	5.000	1.825	13045.36	0.0021	P	0.8
4	☐	50.000	49.070	340649.44	0.0565	P	0.5
5	☐	125.000	126.113	882110.25	0.1452	P	0.3
6	☐	250.000	249.202	1750994.46	0.2868	P	1.0
7	☐	500.000	503.954	3508293.83	0.5800	P	0.6
8	☐	1000.000	998.146	7020180.97	1.1488	A	1.2
9	☐			16988.43	0.0029	P	5.6

$$y = 0.0012 * x + 3.1132E-005$$

$$R = 1.0000$$

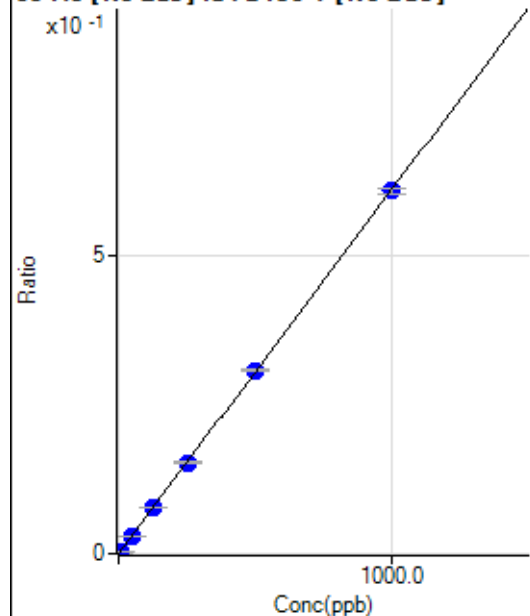
$$DL = 0.01464$$

$$BEC = 0.02705$$

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	108.34	0.0000	P	16.2
2	☐	0.500					
3	☐	5.000	4.590	17261.10	0.0028	P	3.6
4	☐	50.000	49.436	182037.11	0.0302	P	1.1
5	☐	125.000	126.279	468521.25	0.0771	P	0.9
6	☐	250.000	249.522	929904.91	0.1523	P	1.7
7	☐	500.000	504.844	1864150.58	0.3082	P	0.7
8	☐	1000.000	997.568	3721444.92	0.6090	P	1.3
9	☐			26261.08	0.0044	P	5.6

$$y = 6.1047E-004 * x + 1.7880E-005$$

$$R = 1.0000$$

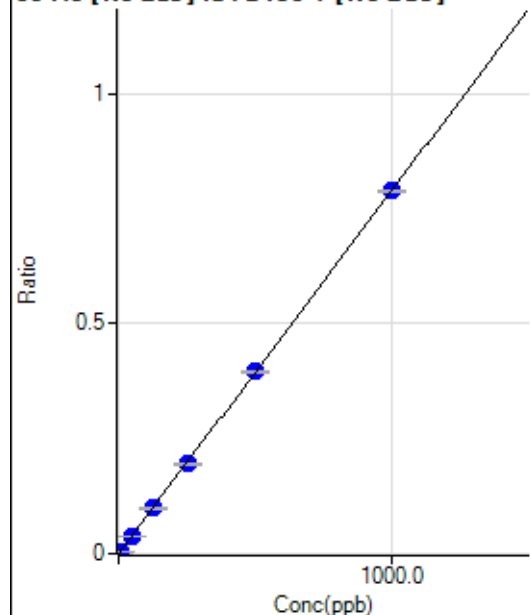
$$DL = 0.01423$$

$$BEC = 0.02929$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	24.1
2	☐	0.500					
3	☐	5.000	3.889	18924.33	0.0031	P	1.5
4	☐	50.000	48.920	232586.72	0.0386	P	0.2
5	☐	125.000	124.964	598545.52	0.0985	P	0.8
6	☐	250.000	247.743	1191999.86	0.1953	P	1.3
7	☐	500.000	500.978	2388192.41	0.3949	P	0.7
8	☐	1000.000	1000.140	4816912.65	0.7882	P	0.8
9	☐			32777.63	0.0055	P	7.3

$$y = 7.8811\text{E-}004 * x + 2.6602\text{E-}005$$

$$R = 1.0000$$

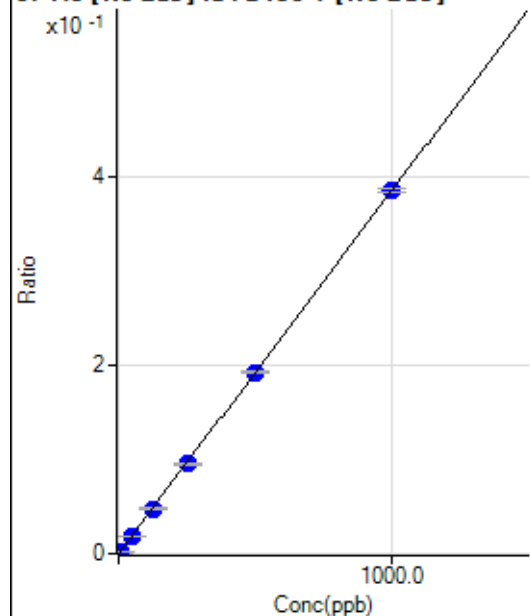
$$DL = 0.0244$$

$$BEC = 0.03375$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	46.7
2	☐	0.500					
3	☐	5.000	4.497	10682.17	0.0017	P	2.6
4	☐	50.000	49.148	113978.40	0.0189	P	0.4
5	☐	125.000	124.475	290779.69	0.0479	P	0.2
6	☐	250.000	248.415	582882.94	0.0955	P	1.5
7	☐	500.000	500.076	1162565.64	0.1922	P	0.7
8	☐	1000.000	1000.469	2349859.19	0.3845	P	0.9
9	☐			17021.95	0.0029	P	6.8

$$y = 3.8433\text{E-}004 * x + 1.6993\text{E-}005$$

$$R = 1.0000$$

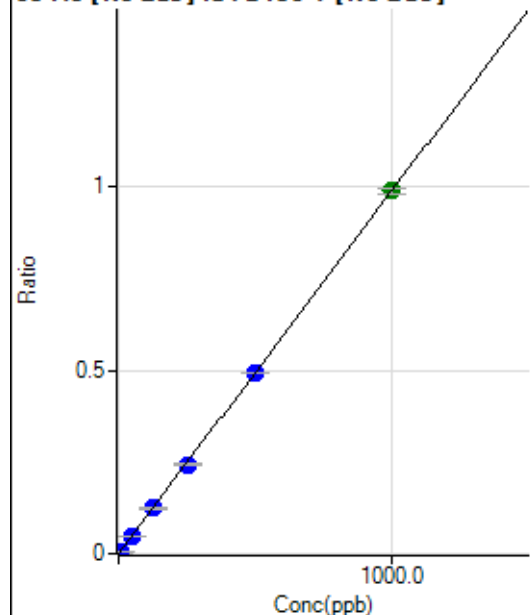
$$DL = 0.06193$$

$$BEC = 0.04421$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	7.0
2	☐	0.500					
3	☐	5.000	4.516	27471.74	0.0045	P	1.9
4	☐	50.000	48.726	290374.47	0.0482	P	0.7
5	☐	125.000	124.781	749212.57	0.1233	P	0.5
6	☐	250.000	246.685	1487978.19	0.2437	P	0.8
7	☐	500.000	499.448	2984727.11	0.4935	P	0.3
8	☐	1000.000	1001.198	6044637.94	0.9892	A	1.5
9	☐			42768.12	0.0072	P	7.7

$$y = 9.8799\text{E-}004 * x + 2.6556\text{E-}005$$

$$R = 1.0000$$

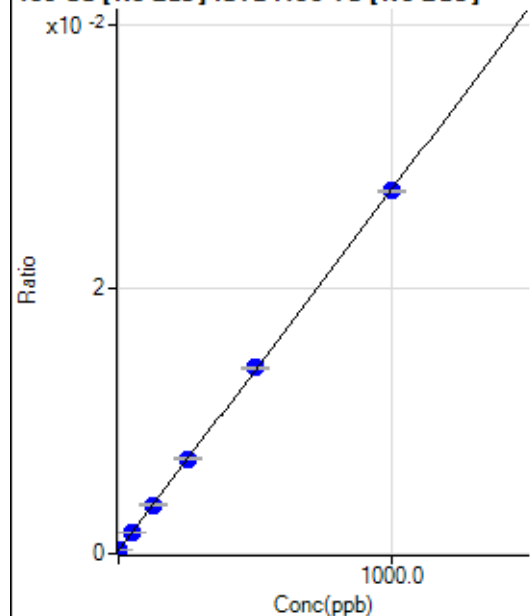
$$DL = 0.005654$$

$$BEC = 0.02688$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1780.74	0.0003	P	5.4
2	☐	0.100					
3	☐	1.000	1.068	1978.02	0.0003	P	1.4
4	☐	50.000	50.894	11316.04	0.0016	P	1.9
5	☐	125.000	125.969	25824.44	0.0037	P	3.7
6	☐	250.000	253.093	49836.00	0.0072	P	1.4
7	☐	500.000	505.560	97459.17	0.0140	P	0.5
8	☐	1000.000	996.281	191341.42	0.0274	P	0.7
9	☐			1811.31	0.0003	P	12.6

$$y = 2.7286\text{E-}005 * x + 2.5514\text{E-}004$$

$$R = 1.0000$$

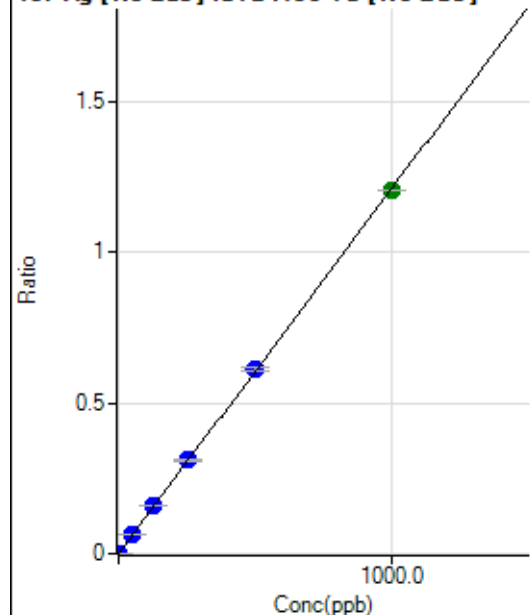
$$DL = 1.511$$

$$BEC = 9.351$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	23.7
2	☐	0.100					
3	☐	1.000	0.962	8141.55	0.0012	P	5.1
4	☐	50.000	52.114	433620.90	0.0630	P	0.3
5	☐	125.000	129.929	1098254.98	0.1570	P	0.6
6	☐	250.000	256.358	2156035.25	0.3098	P	0.9
7	☐	500.000	506.104	4242766.72	0.6117	P	1.1
8	☐	1000.000	994.637	8382505.83	1.2021	A	0.0
9	☐			1208.44	0.0002	P	7.8

$$y = 0.0012 * x + 7.5559E-006$$

$$R = 0.9999$$

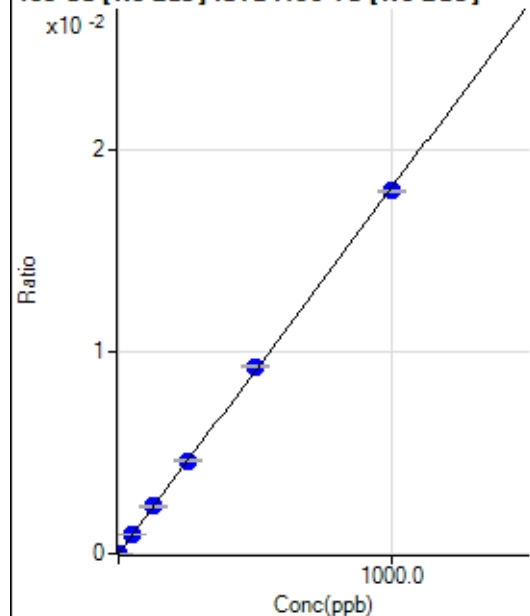
$$DL = 0.004444$$

$$BEC = 0.006252$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	108.6
2	☐	0.100					
3	☐	1.000	0.783	109.73	0.0000	P	9.6
4	☐	50.000	51.670	6448.80	0.0009	P	1.7
5	☐	125.000	129.121	16356.85	0.0023	P	1.6
6	☐	250.000	254.756	32101.90	0.0046	P	1.6
7	☐	500.000	512.162	64310.34	0.0093	P	1.2
8	☐	1000.000	992.132	125231.76	0.0180	P	0.3
9	☐			51.39	0.0000	P	34.0

$$y = 1.8099E-005 * x + 1.5976E-006$$

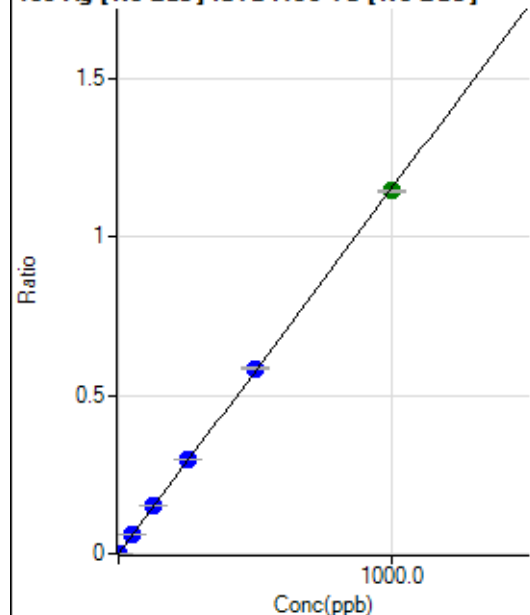
$$R = 0.9999$$

$$DL = 0.2876$$

$$BEC = 0.08827$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.6
2	☐	0.100					
3	☐	1.000	0.955	7688.55	0.0011	P	3.2
4	☐	50.000	51.885	412126.77	0.0599	P	0.4
5	☐	125.000	130.458	1052729.49	0.1505	P	0.8
6	☐	250.000	257.299	2065902.08	0.2969	P	0.8
7	☐	500.000	507.196	4059357.25	0.5852	P	0.5
8	☐	1000.000	993.801	7995981.17	1.1466	A	0.8
9	☐			1086.20	0.0002	P	13.9

$$y = 0.0012 * x + 2.7852E-006$$

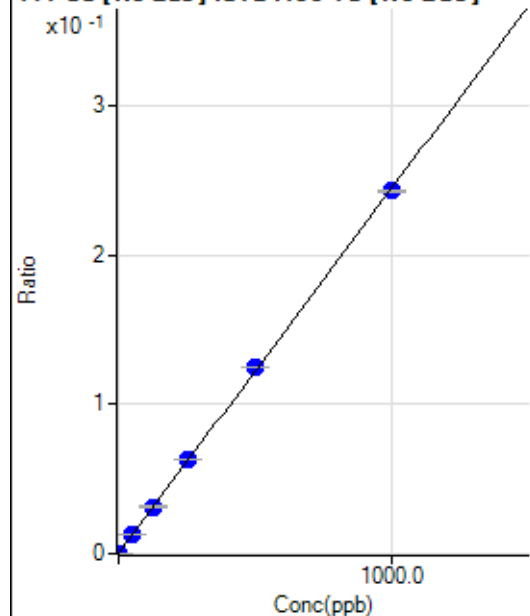
$$R = 0.9999$$

$$DL = 0.001779$$

$$BEC = 0.002414$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1249.85	0.0002	P	4.2
2	☐	0.100					
3	☐	1.000	1.056	3041.28	0.0004	P	1.3
4	☐	50.000	51.459	87777.65	0.0128	P	0.9
5	☐	125.000	128.386	220623.34	0.0315	P	1.4
6	☐	250.000	256.244	436896.97	0.0628	P	0.5
7	☐	500.000	508.503	863005.54	0.1244	P	0.1
8	☐	1000.000	993.691	1694120.41	0.2429	P	0.5
9	☐			1675.01	0.0002	P	8.0

$$y = 2.4431E-004 * x + 1.7907E-004$$

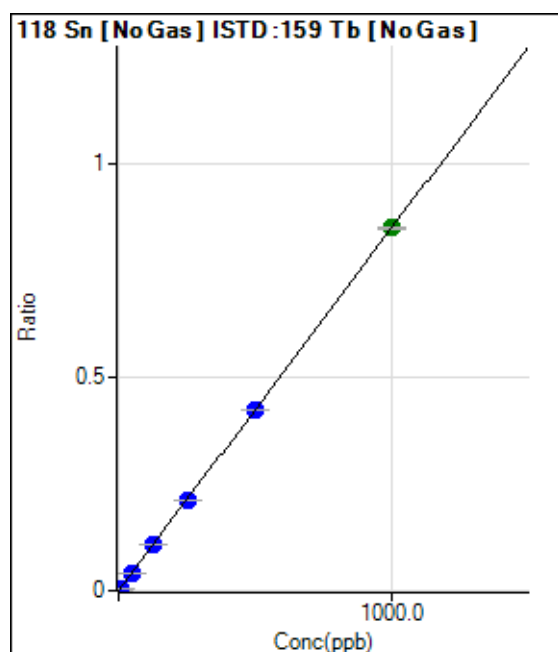
$$R = 0.9999$$

$$DL = 0.09302$$

$$BEC = 0.733$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	838.95	0.0001	P	8.6
2	☐	0.500					
3	☐	5.000	4.717	28724.69	0.0041	P	2.4
4	☐	50.000	49.894	292665.94	0.0425	P	0.6
5	☐	125.000	125.674	747636.48	0.1069	P	1.1
6	☐	250.000	249.016	1473234.57	0.2117	P	0.7
7	☐	500.000	498.035	2936267.97	0.4233	P	0.4
8	☐	1000.000	1001.151	5932731.21	0.8508	A	0.5
9	☐			8300.04	0.0012	P	10.0

$$y = 8.4969\text{E-}004 * x + 1.2022\text{E-}004$$

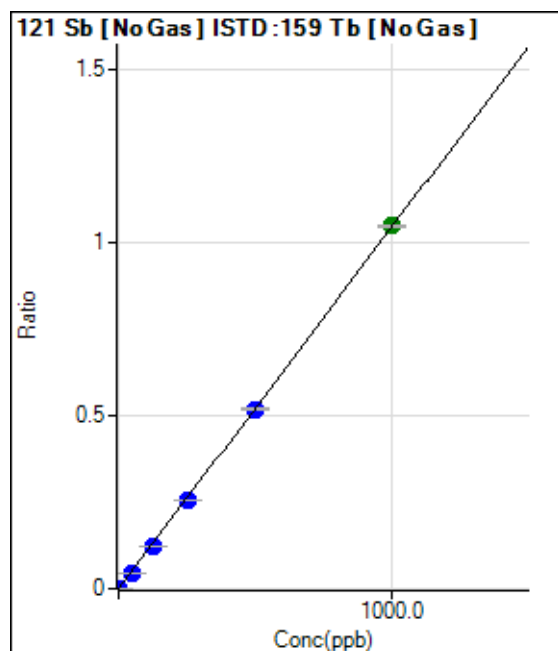
$$R = 1.0000$$

$$DL = 0.03651$$

$$BEC = 0.1415$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	13.8
2	☐	0.200					
3	☐	2.000	1.897	13793.42	0.0020	P	3.5
4	☐	50.000	40.446	290305.51	0.0422	P	1.6
5	☐	125.000	117.759	858628.66	0.1228	P	0.6
6	☐	250.000	243.766	1768578.60	0.2541	P	0.5
7	☐	500.000	496.221	3588422.52	0.5173	P	1.3
8	☐	1000.000	1004.831	7304784.45	1.0475	A	0.4
9	☐			32984.40	0.0049	P	8.6

$$y = 0.0010 * x + 5.1758\text{E-}006$$

$$R = 0.9999$$

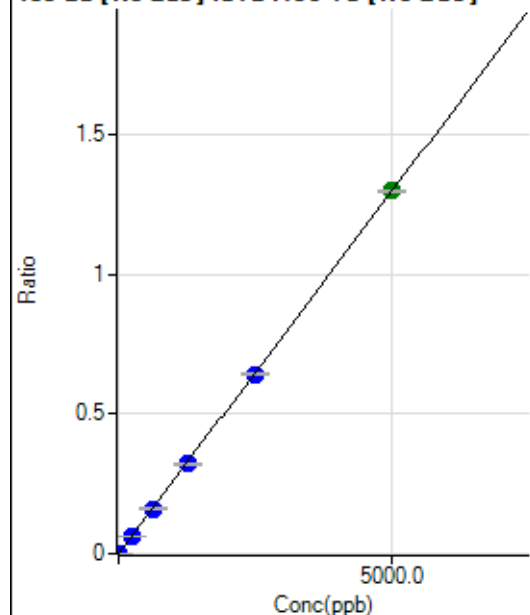
$$DL = 0.002061$$

$$BEC = 0.004965$$

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	36.11	0.0000	P	13.0
2	☐	1.000					
3	☐	10.000	9.447	17083.32	0.0025	P	2.1
4	☐	250.000	249.489	445471.59	0.0647	P	0.4
5	☐	625.000	622.886	1129873.92	0.1616	P	0.6
6	☐	1250.000	1236.798	2232277.42	0.3208	P	0.3
7	☐	2500.000	2483.350	4467681.00	0.6441	P	0.6
8	☐	5000.000	5011.916	9064339.18	1.2999	A	0.6
9	☐			3150.48	0.0005	P	8.1

$$y = 2.5935E-004 * x + 5.1716E-006$$

$$R = 1.0000$$

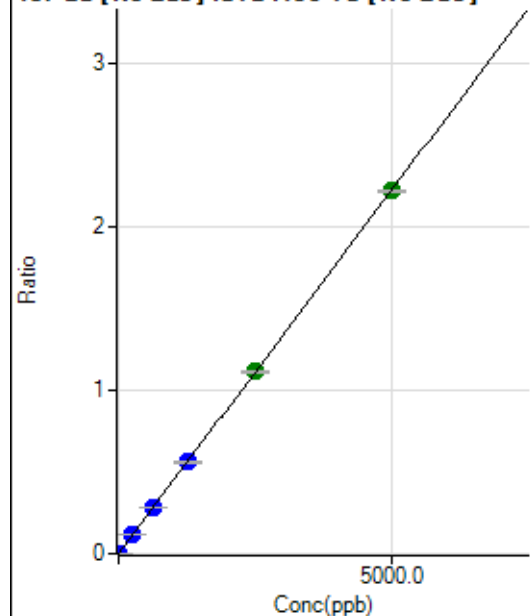
$$DL = 0.007765$$

$$BEC = 0.01994$$

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	58.34	0.0000	P	56.8
2	☐	1.000					
3	☐	10.000	9.754	30214.40	0.0043	P	1.0
4	☐	250.000	254.196	777653.16	0.1130	P	0.6
5	☐	625.000	632.024	1964289.59	0.2809	P	0.5
6	☐	1250.000	1261.033	3899559.20	0.5604	P	0.8
7	☐	2500.000	2507.435	7728872.66	1.1142	A	1.0
8	☐	5000.000	4992.437	15470079.34	2.2185	A	0.5
9	☐			5668.05	0.0008	P	2.0

$$y = 4.4437E-004 * x + 8.3422E-006$$

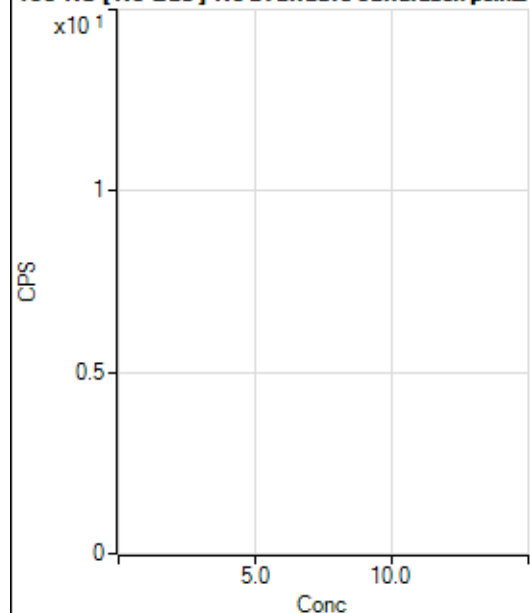
$$R = 1.0000$$

$$DL = 0.032$$

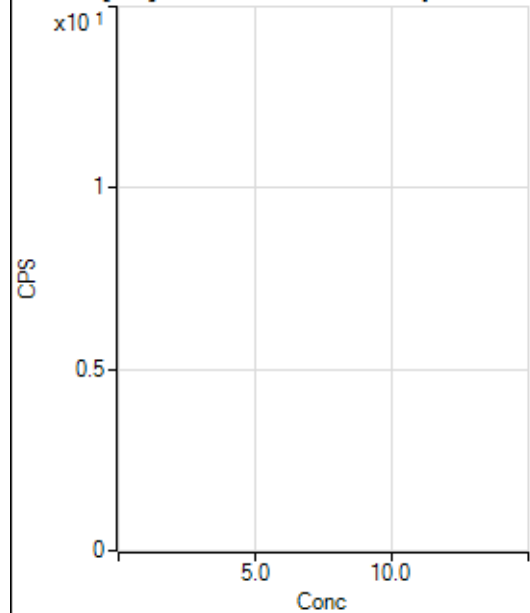
$$BEC = 0.01877$$

Weight: <None>

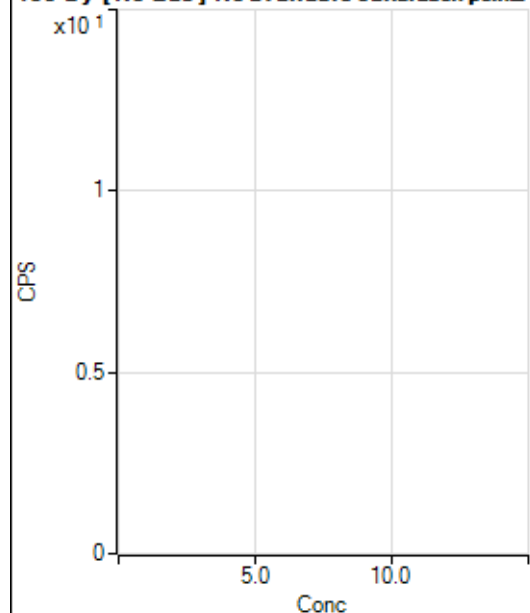
Min Conc: 0

150 Nd [No Gas] No available calibration points

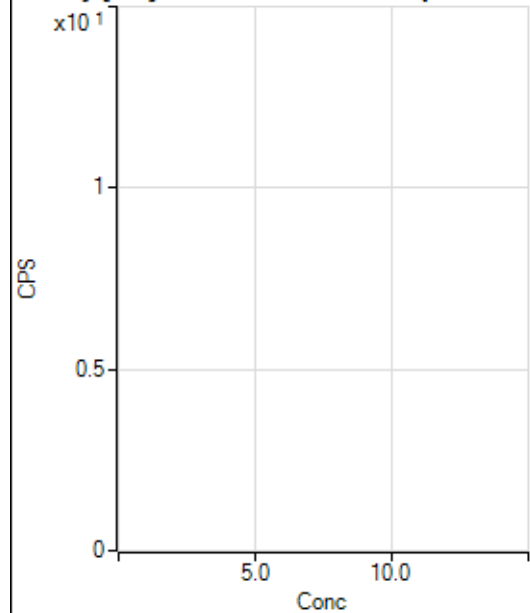
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			6.67		P	100.0
4	☐			33.33		P	20.0
5	☐			57.78		P	6.7
6	☐			133.34		P	10.0
7	☐			264.46		P	10.5
8	☐			446.69		P	8.3
9	☐			84.45		P	22.8

150 Nd [He] No available calibration points

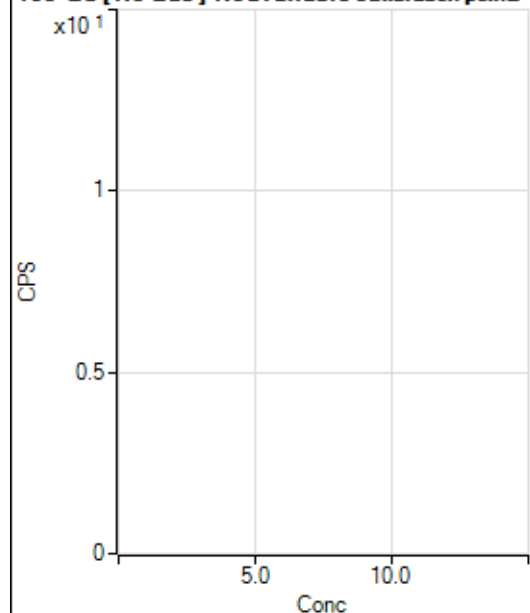
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.1
5	☐			7.78		P	65.5
6	☐			11.11		P	91.7
7	☐			16.66		P	34.6
8	☐			45.56		P	34.6
9	☐			41.11		P	9.4

156 Dy [No Gas] No available calibration points

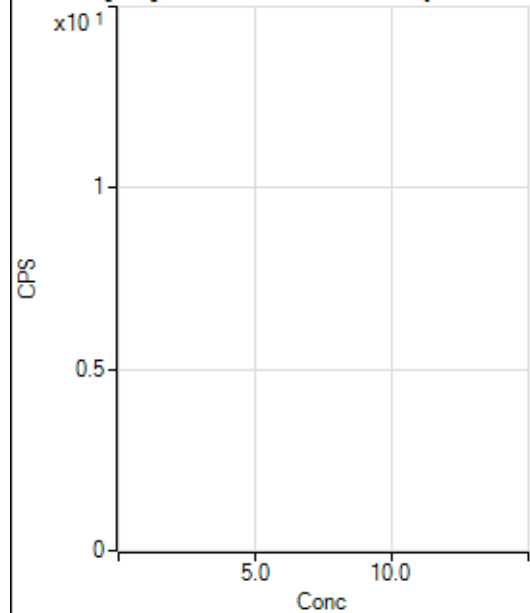
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			16.67		P	100.0
4	☐			8.33		P	100.0
5	☐			30.56		P	87.7
6	☐			30.55		P	68.6
7	☐			80.56		P	26.0
8	☐			133.34		P	18.7
9	☐			130.56		P	36.3

156 Dy [He] No available calibration points

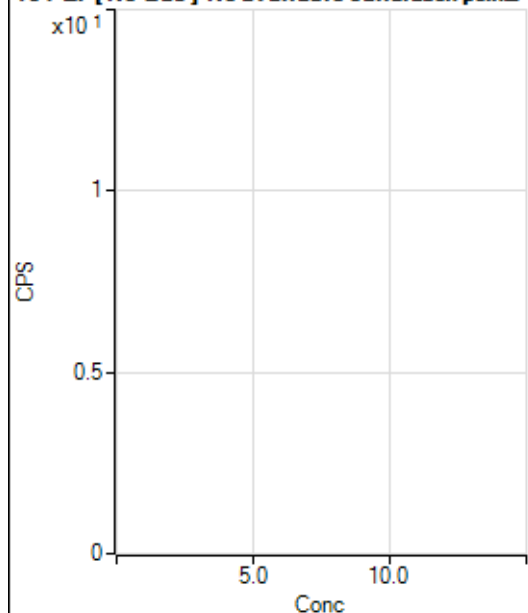
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			4.44		P	43.4
4	☐			1.11		P	173.2
5	☐			3.33		P	100.1
6	☐			10.00		P	57.8
7	☐			21.11		P	24.1
8	☐			18.89		P	27.0
9	☐			52.22		P	19.5

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

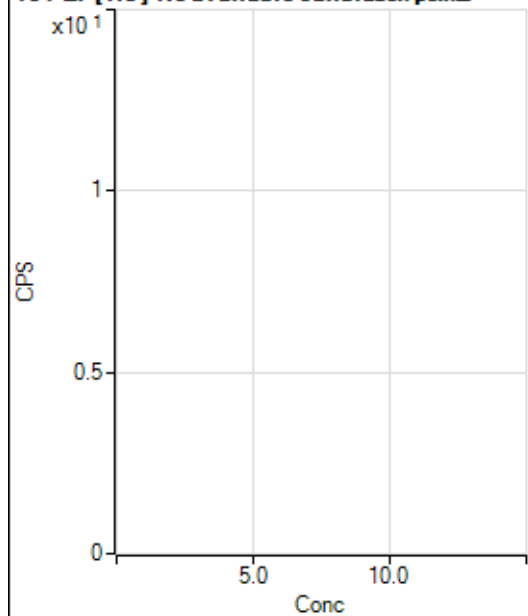
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			38.89		P	12.4
4	☐			41.67		P	40.0
5	☐			25.00		P	0.0
6	☐			47.23		P	20.4
7	☐			47.23		P	71.3
8	☐			66.67		P	33.1
9	☐			88.90		P	10.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	12.4
2	☐						
3	☐			15.56		P	12.4
4	☐			8.89		P	78.1
5	☐			28.89		P	29.0
6	☐			18.89		P	27.0
7	☐			22.22		P	37.8
8	☐			33.33		P	55.7
9	☐			61.11		P	13.7

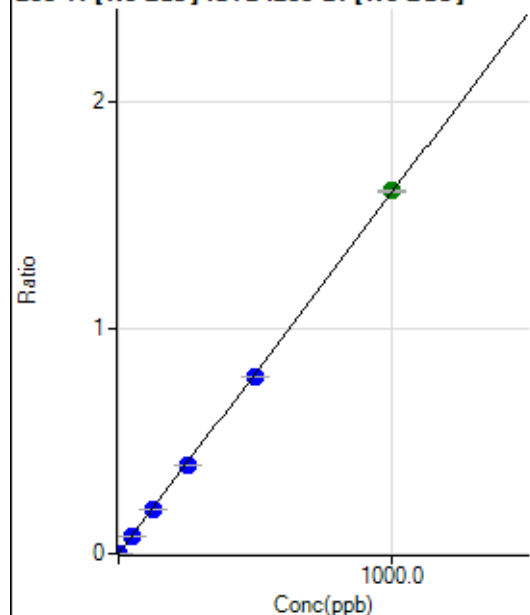
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐						
3	☐			52.78		P	18.2
4	☐			36.11		P	48.0
5	☐			19.44		P	99.0
6	☐			25.00		P	33.3
7	☐			25.00		P	33.3
8	☐			41.67		P	34.6
9	☐			50.00		P	86.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.1
2	☐						
3	☐			20.00		P	16.7
4	☐			17.78		P	43.3
5	☐			8.89		P	43.3
6	☐			12.22		P	41.7
7	☐			12.22		P	56.8
8	☐			20.00		P	0.0
9	☐			26.66		P	21.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	5.5
2	☐	0.100					
3	☐	1.000	0.946	6210.04	0.0015	P	5.9
4	☐	50.000	49.137	317023.71	0.0784	P	0.6
5	☐	125.000	123.138	803109.42	0.1965	P	0.1
6	☐	250.000	245.850	1584497.76	0.3922	P	0.6
7	☐	500.000	489.546	3146160.60	0.7810	P	0.5
8	☐	1000.000	1006.541	6335905.52	1.6059	A	0.6
9	☐			2917.12	0.0008	P	4.9

$$y = 0.0016 * x + 1.9903E-005$$

$$R = 0.9999$$

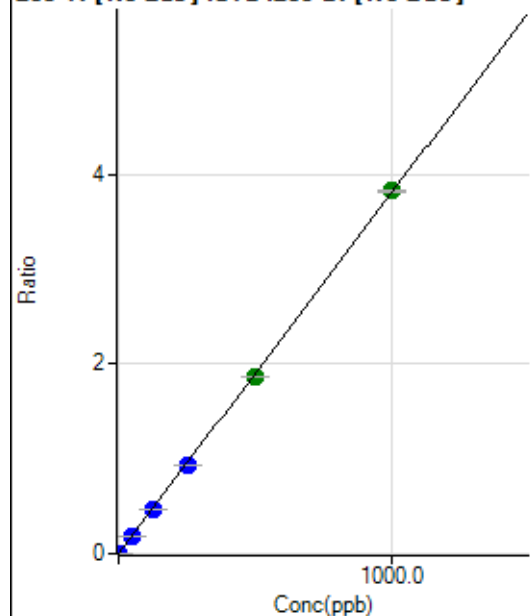
$$DL = 0.002045$$

$$BEC = 0.01248$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	244.46	0.0001	P	17.1
2	☐	0.100					
3	☐	1.000	0.952	14961.71	0.0037	P	3.5
4	☐	50.000	49.360	760169.12	0.1880	P	0.3
5	☐	125.000	123.659	1925048.74	0.4709	P	0.7
6	☐	250.000	245.983	3783951.56	0.9367	P	1.2
7	☐	500.000	491.608	7540992.88	1.8721	A	0.1
8	☐	1000.000	1005.400	15105446.17	3.8285	A	0.4
9	☐			7032.74	0.0020	P	1.6

$$y = 0.0038 * x + 6.0381E-005$$

$$R = 0.9999$$

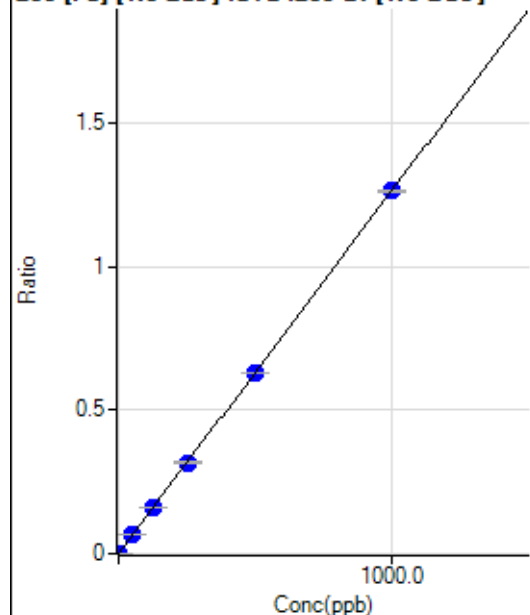
$$DL = 0.008138$$

$$BEC = 0.01586$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	514.84	0.0001	P	5.7
2	☐	0.100					
3	☐	1.000	0.958	5427.20	0.0013	P	3.0
4	☐	50.000	50.487	258040.81	0.0638	P	0.3
5	☐	125.000	126.927	655103.76	0.1603	P	0.9
6	☐	250.000	251.635	1282934.98	0.3176	P	1.2
7	☐	500.000	497.348	2528073.58	0.6276	P	0.3
8	☐	1000.000	1000.652	4981504.97	1.2626	P	0.7
9	☐			11833.35	0.0033	P	1.5

$$y = 0.0013 * x + 1.2721E-004$$

$$R = 1.0000$$

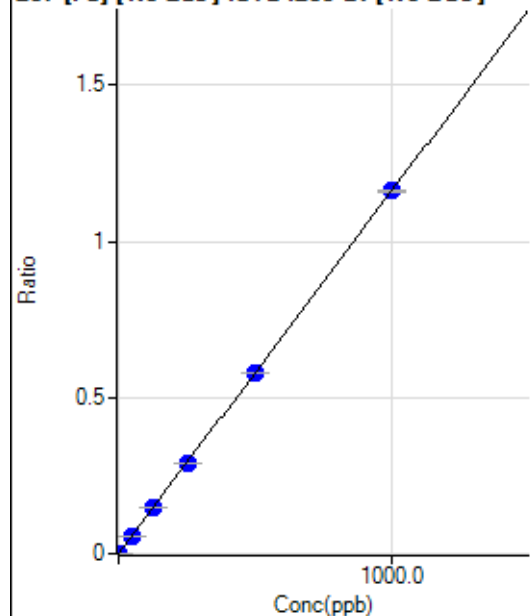
$$DL = 0.01737$$

$$BEC = 0.1008$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	446.32	0.0001	P	9.4
2	☐	0.100					
3	☐	1.000	0.993	5128.93	0.0013	P	4.2
4	☐	50.000	50.091	235435.46	0.0582	P	0.6
5	☐	125.000	125.566	596007.20	0.1458	P	0.2
6	☐	250.000	250.196	1173160.21	0.2904	P	0.4
7	☐	500.000	497.726	2326827.31	0.5776	P	0.2
8	☐	1000.000	1001.013	4583178.86	1.1616	P	0.2
9	☐			10217.18	0.0028	P	5.9

$$y = 0.0012 * x + 1.1032E-004$$

$$R = 1.0000$$

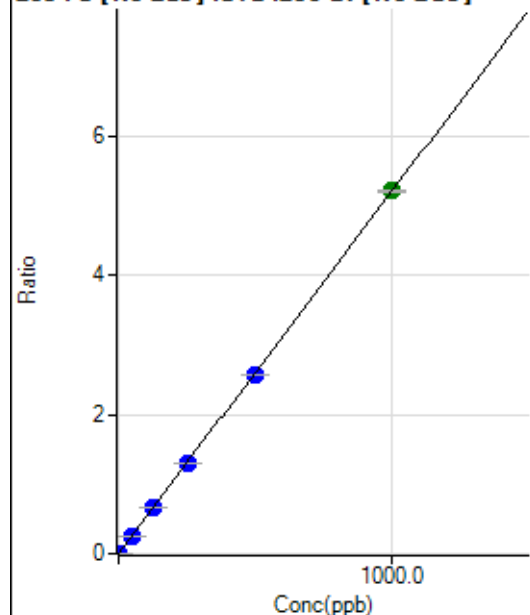
$$DL = 0.02668$$

$$BEC = 0.09508$$

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	1950.11	0.0005	P	1.3
2	☐	0.100					
3	☐	1.000	0.964	22313.49	0.0055	P	0.8
4	☐	50.000	50.027	1054050.27	0.2607	P	0.4
5	☐	125.000	125.165	2663345.95	0.6516	P	0.4
6	☐	250.000	249.059	5235322.80	1.2960	P	0.6
7	☐	500.000	494.939	10372696.85	2.5750	P	0.2
8	☐	1000.000	1002.744	20581771.47	5.2165	A	0.5
9	☐			47282.38	0.0132	P	1.4

$$y = 0.0052 * x + 4.8190E-004$$

$$R = 1.0000$$

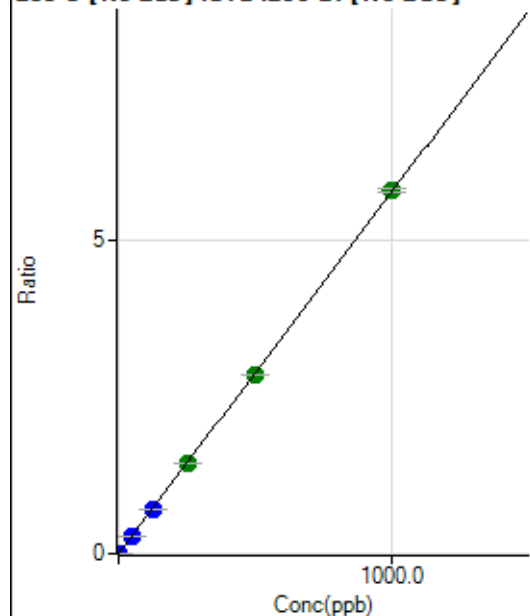
$$DL = 0.003562$$

$$BEC = 0.09264$$

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	347.24	0.0001	P	28.6
2	☐	0.100					
3	☐	1.000	0.964	22923.73	0.0056	P	2.5
4	☐	50.000	48.985	1141803.16	0.2824	P	0.6
5	☐	125.000	123.060	2899490.45	0.7093	P	0.4
6	☐	250.000	248.066	5775832.77	1.4298	A	0.4
7	☐	500.000	494.352	11477562.41	2.8493	A	0.3
8	☐	1000.000	1003.601	22822431.93	5.7844	A	0.9
9	☐			5487.52	0.0015	P	4.4

$$y = 0.0058 * x + 8.5720E-005$$

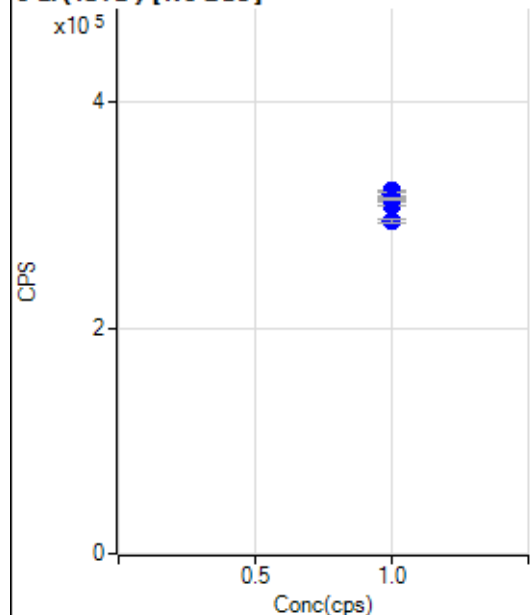
$$R = 1.0000$$

$$DL = 0.01277$$

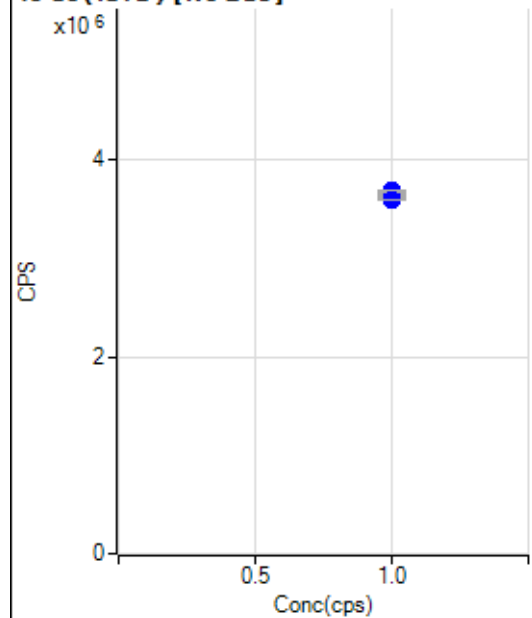
$$BEC = 0.01487$$

Weight: <None>

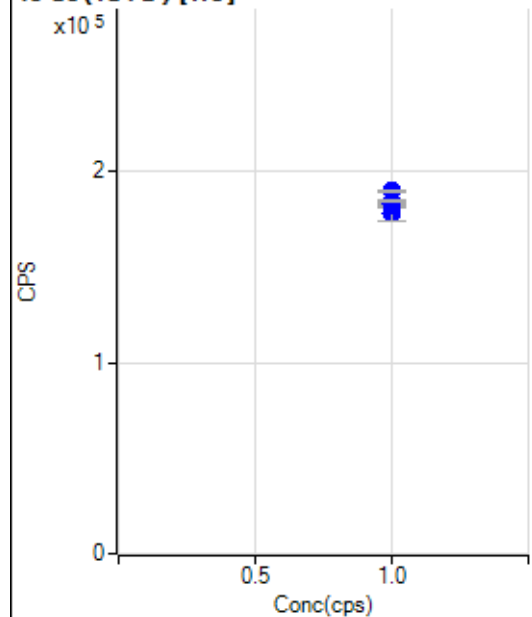
Min Conc: 0

6 Li (ISTD) [No Gas]

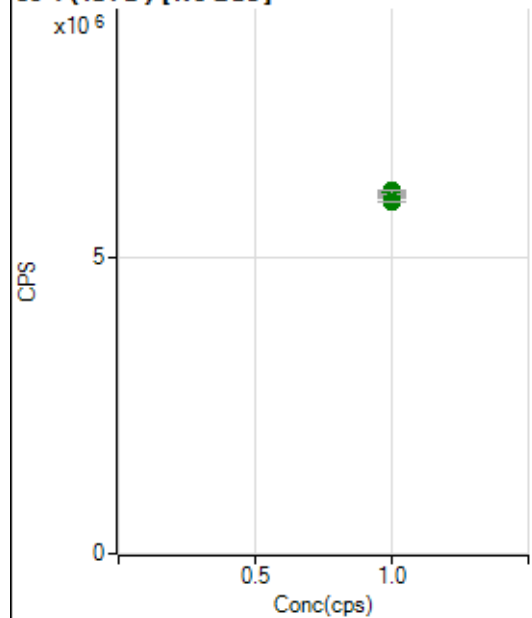
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		308167.22		P	0.5
2	☐	1.000					
3	☐	1.000		314363.96		P	0.5
4	☐	1.000		313830.25		P	1.3
5	☐	1.000		321138.21		P	0.5
6	☐	1.000		317941.09		P	1.1
7	☐	1.000		318595.82		P	1.2
8	☐	1.000		313353.81		P	0.6
9	☐	1.000		294593.07		P	1.3

45 Sc (ISTD) [No Gas]

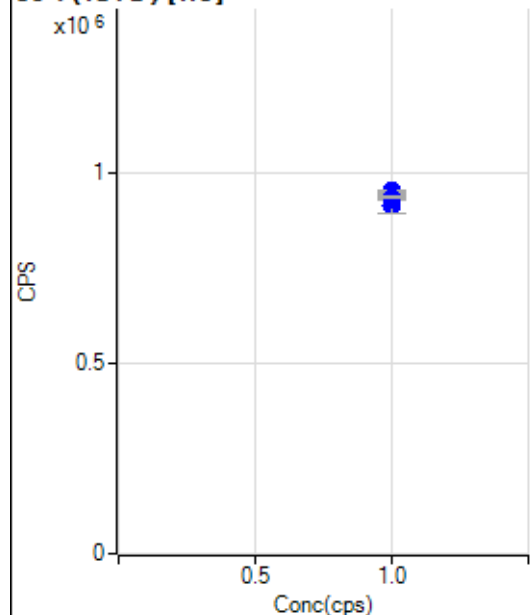
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3630421.35		P	0.3
2	☐	1.000					
3	☐	1.000		3651098.17		P	0.8
4	☐	1.000		3637979.90		P	0.3
5	☐	1.000		3671218.96		P	1.0
6	☐	1.000		3660921.61		P	0.5
7	☐	1.000		3689501.95		P	0.6
8	☐	1.000		3683310.93		P	0.4
9	☐	1.000		3601096.43		P	0.2

45 Sc (ISTD) [He]

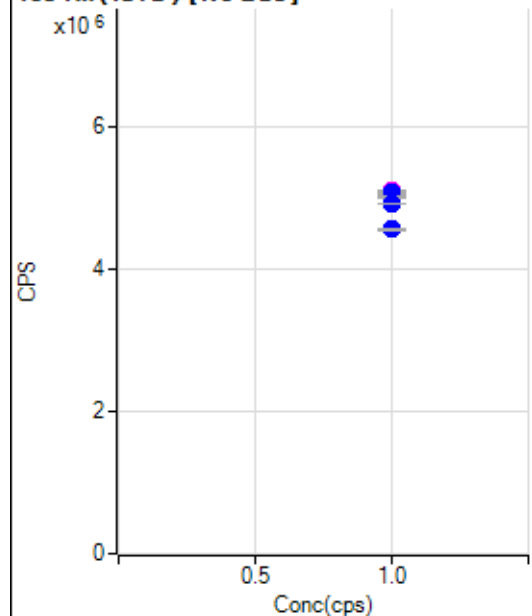
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		182989.79		P	1.2
2	☐	1.000					
3	☐	1.000		181408.91		P	0.6
4	☐	1.000		178596.65		P	5.3
5	☐	1.000		184285.02		P	0.2
6	☐	1.000		182827.17		P	0.3
7	☐	1.000		183393.79		P	0.7
8	☐	1.000		190080.01		P	0.5
9	☐	1.000		184800.21		P	0.5

89 Y (ISTD) [No Gas]

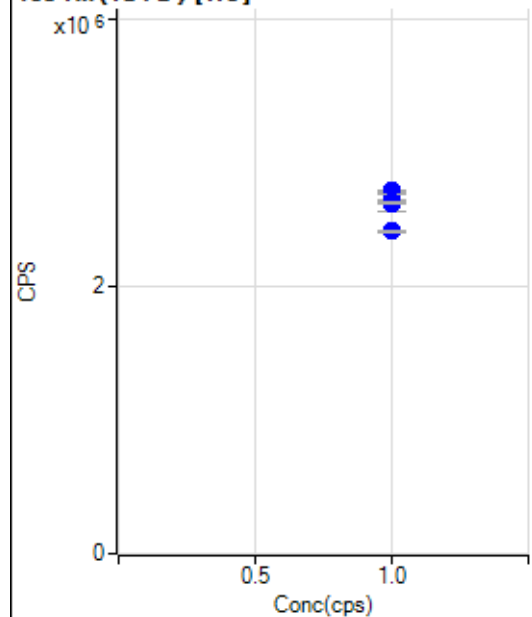
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6064796.37		A	0.9
2	☐	1.000					
3	☐	1.000		6120779.01		A	0.4
4	☐	1.000		6028484.84		A	0.9
5	☐	1.000		6075993.66		A	0.7
6	☐	1.000		6104812.48		A	1.2
7	☐	1.000		6048366.16		A	0.3
8	☐	1.000		6111341.30		A	1.2
9	☐	1.000		5927349.36		A	0.2

89 Y(ISTD) [He]

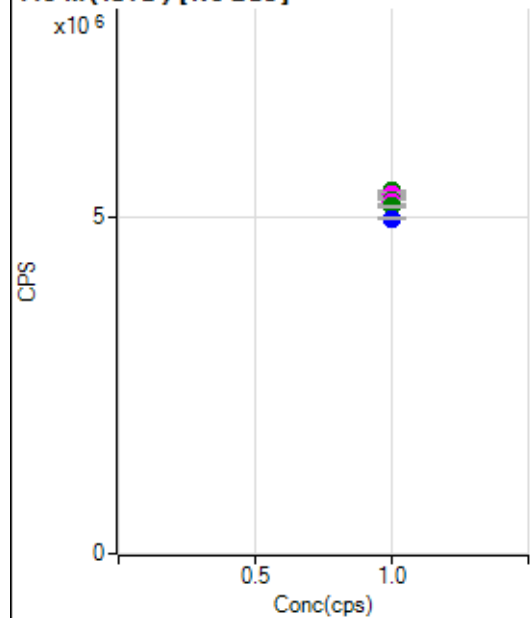
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		940989.83		P	1.1
2	☐	1.000					
3	☐	1.000		941728.90		P	0.2
4	☐	1.000		916049.66		P	5.1
5	☐	1.000		949302.67		P	0.5
6	☐	1.000		931797.22		P	0.3
7	☐	1.000		941693.93		P	0.2
8	☐	1.000		953914.23		P	0.7
9	☐	1.000		937416.27		P	1.0

103 Rh(ISTD) [No Gas]

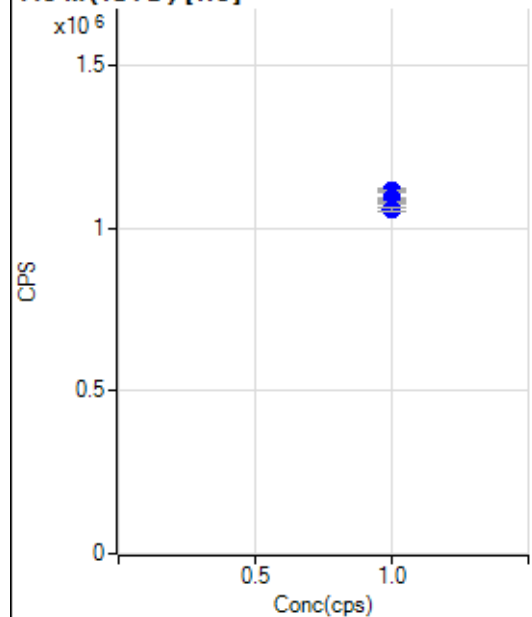
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5100849.68		M	0.4
2	☐	1.000					
3	☐	1.000		5106340.39		M	0.1
4	☐	1.000		5051780.76		P	0.2
5	☐	1.000		5084006.89		P	0.5
6	☐	1.000		5027690.57		P	0.8
7	☐	1.000		5009795.82		P	0.6
8	☐	1.000		4919318.86		P	0.2
9	☐	1.000		4562167.25		P	0.3

103 Rh (ISTD) [He]

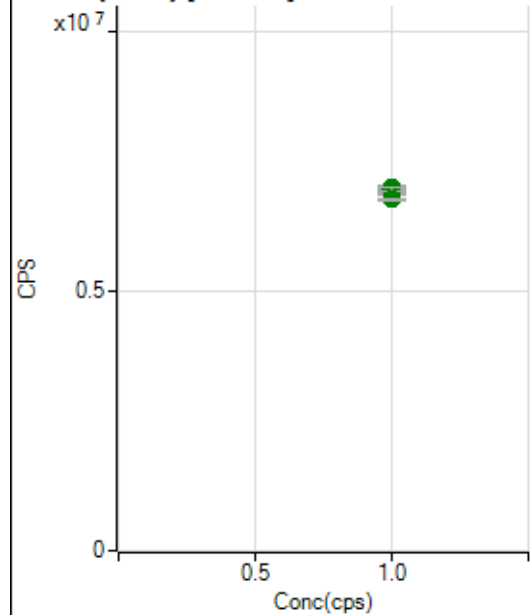
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2693219.06		P	0.8
2	☐	1.000					
3	☐	1.000		2710234.58		P	0.5
4	☐	1.000		2622030.20		P	5.5
5	☐	1.000		2686166.70		P	0.5
6	☐	1.000		2635864.86		P	0.5
7	☐	1.000		2619271.87		P	0.3
8	☐	1.000		2622851.31		P	0.4
9	☐	1.000		2411260.52		P	0.6

115 In (ISTD) [No Gas]

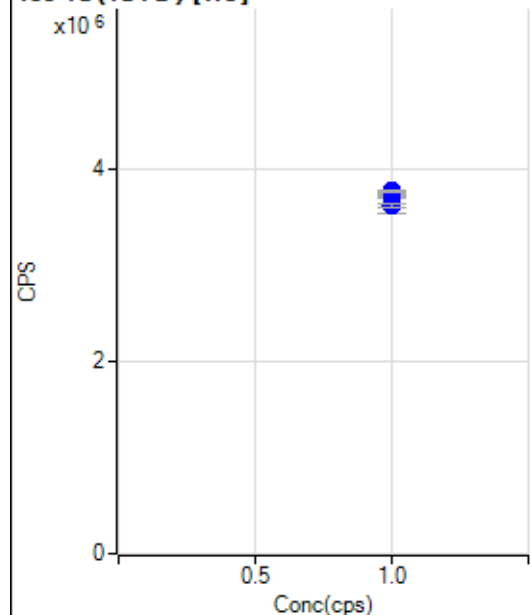
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5337802.89		A	0.4
2	☐	1.000					
3	☐	1.000		5394571.89		A	0.6
4	☐	1.000		5305981.29		M	0.2
5	☐	1.000		5335559.52		M	1.2
6	☐	1.000		5270295.50		A	0.3
7	☐	1.000		5233253.55		M	1.0
8	☐	1.000		5164447.20		A	0.4
9	☐	1.000		4986412.48		P	0.3

115 In (ISTD) [He]

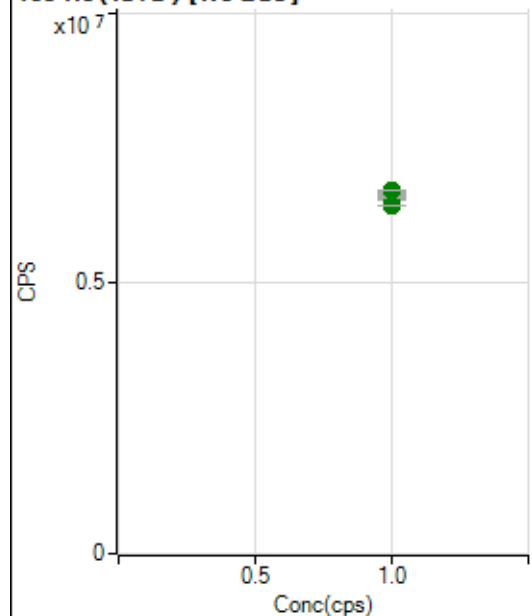
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1113636.53		P	1.2
2	☐	1.000					
3	☐	1.000		1113088.86		P	0.9
4	☐	1.000		1081130.10		P	5.5
5	☐	1.000		1112151.18		P	0.5
6	☐	1.000		1089188.91		P	0.5
7	☐	1.000		1083765.38		P	0.2
8	☐	1.000		1074825.72		P	0.5
9	☐	1.000		1056937.11		P	1.0

159 Tb (ISTD) [No Gas]

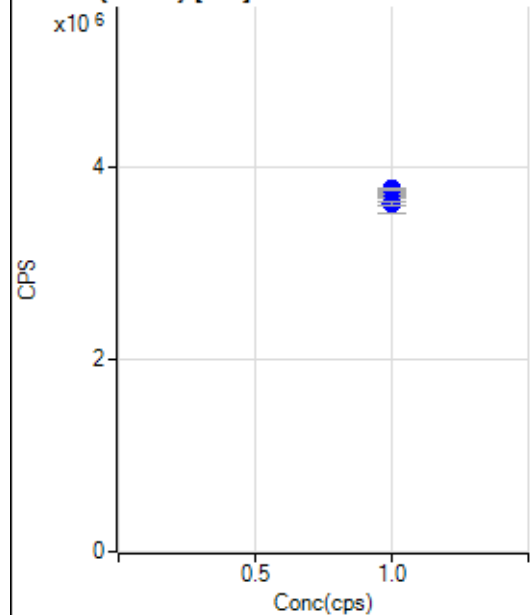
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6980451.22		A	0.5
2	☐	1.000					
3	☐	1.000		6957962.81		A	0.3
4	☐	1.000		6883985.80		A	0.3
5	☐	1.000		6994063.51		A	1.0
6	☐	1.000		6959199.06		A	0.9
7	☐	1.000		6936739.20		A	0.5
8	☐	1.000		6973382.54		A	0.7
9	☐	1.000		6768066.77		A	0.6

159 Tb (ISTD) [He]

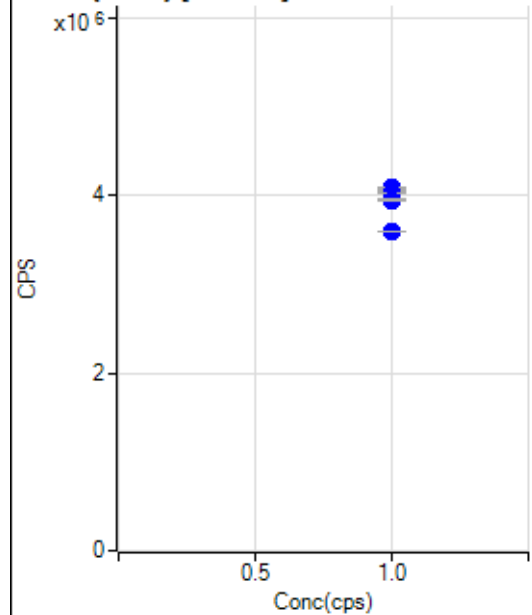
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3720009.84		P	1.1
2	☐	1.000					
3	☐	1.000		3715917.44		P	0.5
4	☐	1.000		3630893.52		P	5.5
5	☐	1.000		3762328.59		P	0.1
6	☐	1.000		3705402.72		P	0.5
7	☐	1.000		3740373.52		P	0.2
8	☐	1.000		3768169.91		P	0.6
9	☐	1.000		3611455.88		P	1.2

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6637867.81		A	1.2
2	☐	1.000					
3	☐	1.000		6586636.43		A	1.1
4	☐	1.000		6552100.75		A	0.4
5	☐	1.000		6597713.56		A	1.0
6	☐	1.000		6626128.27		A	0.7
7	☐	1.000		6599868.51		A	0.6
8	☐	1.000		6706033.35		A	0.1
9	☐	1.000		6430839.12		A	0.1

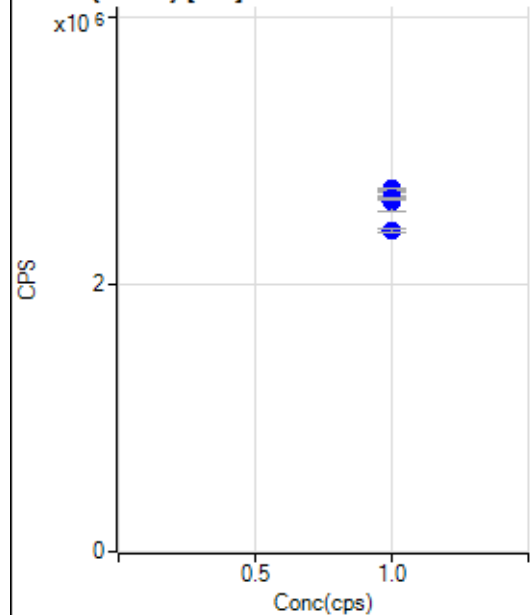
165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3702767.79		P	0.6
2	☐	1.000					
3	☐	1.000		3708052.93		P	0.6
4	☐	1.000		3606496.16		P	5.4
5	☐	1.000		3759415.29		P	0.4
6	☐	1.000		3689512.13		P	0.4
7	☐	1.000		3727934.08		P	0.3
8	☐	1.000		3769353.41		P	0.2
9	☐	1.000		3614307.48		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4046893.27		P	0.5
2	☐	1.000					
3	☐	1.000		4061564.42		P	0.5
4	☐	1.000		4043040.15		P	0.5
5	☐	1.000		4087606.22		P	0.6
6	☐	1.000		4039542.72		P	0.2
7	☐	1.000		4028181.57		P	0.2
8	☐	1.000		3945537.02		P	0.5
9	☐	1.000		3593210.99		P	0.4

209 Bi (ISTD) [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2706828.05		P	0.8
2	☐	1.000					
3	☐	1.000		2702883.43		P	0.3
4	☐	1.000		2624671.14		P	5.6
5	☐	1.000		2714484.82		P	0.8
6	☐	1.000		2647287.60		P	0.6
7	☐	1.000		2644130.43		P	0.5
8	☐	1.000		2634440.07		P	0.5
9	☐	1.000		2400189.57		P	1.0

US EPA Tune Check Sample Report

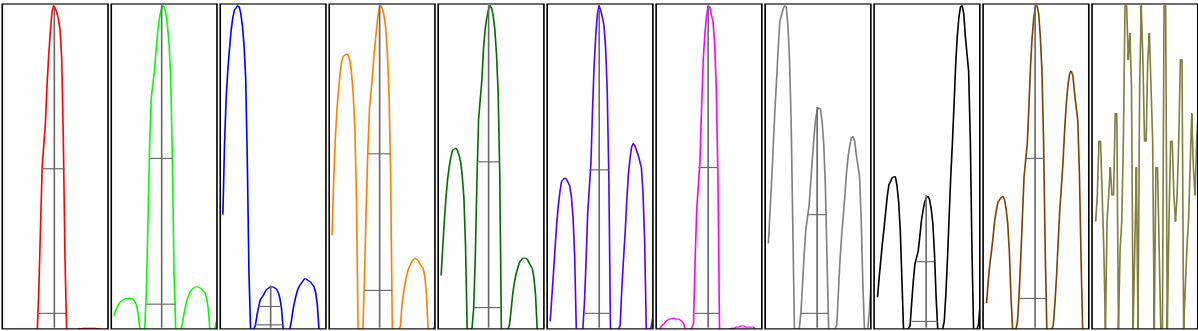
Batch Folder D:\ICP-MS Data\P7012717.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	21632	1.22	5.00	
24	3994867	0.83	5.00	
25	527986	0.75	5.00	
26	610736	0.47	5.00	
59	381001	0.83	5.00	
113	83729	0.84	5.00	
115	1437653	0.94	5.00	
206	127409	1.03	5.00	
207	112895	1.09	5.00	
208	269203	1.02	5.00	
220	4	29.24		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	21340	21406	21643	21806	21966
24	3961382	3978837	3983348	4047921	4002849
25	523443	524494	529352	532964	529677
26	608203	608147	610246	615013	612070
59	376381	379096	382367	383186	383974
113	82581	83553	84268	84203	84040
115	1417049	1432159	1440505	1450060	1448490
206	125157	127390	127971	128354	128173
207	111020	112444	113170	113686	114157
208	264788	268440	270310	271652	270823
220	2	5	5	4	4

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	3691	9.00	8.9 - 9.1		0.820	0.900	
24	638908	23.95	23.9 - 24.1		0.845	0.900	
25	84545	24.95	24.9 - 25.1		0.795	0.900	
26	99353	25.95	25.9 - 26.1		0.803	0.900	
59	63417	58.95	58.9 - 59.1		0.794	0.900	
113	15461	113.00	112.9 - 113.1		0.764	0.900	
115	266241	115.00	114.9 - 115.1		0.736	0.900	
206	23900	206.00	205.9 - 206.1		0.792	0.900	
207	20787	207.00	206.9 - 207.1		0.777	0.900	
208	50554	208.00	207.9 - 208.1		0.790	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	7.9	V			
Extract 2	-185.0	V	Cell Entrance	-30	V			
Omega Bias	-75	V	Cell Exit	-50	V			
Deflect	14.2	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	170	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	115470	0.16	
89	7316	1.10	
205	123217	0.59	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	115687	115206	115477	115419	115564
89	7354	7270	7303	7430	7221
205	123799	122552	123086	124137	122510

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	7.9	V			
Extract 2	-195.0	V	Cell Entrance	-40	V			
Omega Bias	-90	V	Cell Exit	-60	V			
Deflect	2.6	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 : LB85545 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 11:33:36 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.15	-0.08	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	0.11	-0.02	-0.09	0.00	N/A	ppb
Boron	11-1	-0.04	0.01	0.02	0.00	N/A	ppb
Cadmium	106-1	0.55	-0.44	-0.11	0.00	N/A	ppb
Cadmium	108-1	0.11	-0.06	-0.06	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.03	0.00	0.00	N/A	ppb
Calcium	43-1	-0.22	-0.61	0.84	0.00	N/A	ppb
Calcium	44-1	0.12	0.62	-0.75	0.00	N/A	ppb
Chromium	52-2	0.00	0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	-0.02	-0.09	0.11	0.00	N/A	ppb
Iron	57-2	-0.20	0.32	-0.12	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.09	-0.11	0.21	0.00	N/A	ppb
Manganese	55-2	0.00	0.03	-0.02	0.00	N/A	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:33:36	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.01	0.02	-0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.01	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-22.53	-2.73	-17.44	-14.23		ppb
Potassium	39-2	2.18	0.79	-2.97	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	0.68	0.19	-0.88	0.00	N/A	ppb
Selenium	77-2	0.45	-0.22	-0.22	0.00	N/A	ppb
Selenium	78-2	0.52	0.04	-0.56	0.00	N/A	ppb
Silicon	28-1	1.67	-1.77	0.10	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.78	-0.21	-0.56	0.00	N/A	ppb
Strontium	86-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	47.64	10.34	-79.07	-7.03		ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	0.03	-0.05	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.01	0.03	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:33:36	DataFile Name :	003CALB.d

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

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 11:41:23 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.11	22.29	20.54	20.32	10.33	ppb
Antimony	121-1	1.88	1.84	1.97	1.90	3.46	ppb
Arsenic	75-2	1.03	0.93	1.02	1.00	5.45	ppb
Barium	135-1	9.48	9.63	9.24	9.45	2.07	ppb
Barium	137-1	9.86	9.72	9.68	9.75	0.99	ppb
Beryllium	9-1	0.98	0.96	0.91	0.95	3.66	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	23.57	24.08	22.29	23.31	3.97	ppb
Boron	11-1	24.02	23.22	22.71	23.32	2.84	ppb
Cadmium	111-1	1.08	1.04	1.05	1.06	2.20	ppb
Cadmium	106-1	0.99	1.24	0.98	1.07	14.06	ppb
Cadmium	108-1	0.87	0.71	0.77	0.78	10.73	ppb
Calcium	43-1	487.17	459.13	449.99	465.43	4.16	ppb
Calcium	44-1	466.23	468.06	460.99	465.09	0.79	ppb
Chromium	52-2	2.09	2.09	2.02	2.07	1.96	ppb
Cobalt	59-2	1.00	1.00	1.04	1.01	2.23	ppb
Copper	63-2	2.14	2.19	2.20	2.18	1.63	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	50.82	49.69	51.32	50.61	1.65	ppb
Iron	57-2	52.19	46.73	49.03	49.32	5.56	ppb
Lead	206-1	0.99	0.95	0.93	0.96	3.35	ppb
Lead	207-1	1.05	0.97	0.97	0.99	4.65	ppb
Lead	208-1	0.97	0.96	0.95	0.96	0.92	ppb
Lithium	6-1						%
Magnesium	24-2	511.33	505.67	511.15	509.38	0.63	ppb
Manganese	55-2	0.97	1.10	0.98	1.02	7.33	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:41:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.82	1.84	1.81	1.82	0.82	ppb
Molybdenum	95-1	4.67	4.71	4.40	4.59	3.67	ppb
Molybdenum	96-1	3.86	3.85	3.96	3.89	1.50	ppb
Molybdenum	97-1	4.47	4.40	4.62	4.50	2.58	ppb
Molybdenum	98-1	4.49	4.44	4.61	4.52	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.15	1.02	1.07	6.86	ppb
Phosphorus	31-2	19.37	-2.29	25.63	14.23	102.92	ppb
Potassium	39-2	487.96	488.60	483.66	486.74	0.55	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.46	5.77	1.78	4.00	50.86	ppb
Selenium	78-2	5.07	6.57	3.64	5.09	28.78	ppb
Selenium	82-1	4.42	5.09	4.81	4.77	7.10	ppb
Silicon	28-1	6.98	5.93	4.55	5.82	20.96	ppb
Silver	109-1	0.93	0.95	0.99	0.96	3.21	ppb
Silver	107-1	0.93	1.02	0.94	0.96	5.15	ppb
Sodium	23-2	495.62	482.07	492.85	490.18	1.46	ppb
Strontium	86-1	0.94	0.81	0.83	0.86	8.15	ppb
Strontium	88-1	0.91	0.90	0.89	0.90	1.01	ppb
Sulfur	34-1	182.50	-44.55	-116.85	7.03	2221.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	1.01	0.92	0.95	6.03	ppb
Thallium	205-1	0.97	0.97	0.91	0.95	3.57	ppb
Tin	118-1	4.74	4.59	4.82	4.72	2.46	ppb
Titanium	47-1	4.73	4.84	4.67	4.75	1.81	ppb
Uranium	238-1	0.99	0.94	0.97	0.96	2.49	ppb
Vanadium	51-2	4.99	4.79	4.93	4.90	2.09	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1.96	2.19	2.32	2.16	8.38	ppb
Zirconium	90-1	0.76	0.70	0.67	0.71	6.17	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:41:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.68	0.64	0.67	0.66	3.36	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:45:17	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1112.14	1039.84	1022.85	1058.28	4.48	ppb
Antimony	121-1	41.10	40.42	39.82	40.45	1.59	ppb
Arsenic	75-2	55.37	50.58	49.94	51.97	5.71	ppb
Barium	135-1	250.46	248.35	249.65	249.49	0.43	ppb
Barium	137-1	255.85	252.60	254.13	254.20	0.64	ppb
Beryllium	9-1	51.90	51.64	49.99	51.18	2.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.90	50.91	49.17	49.99	1.75	ppb
Boron	11-1	50.24	49.55	49.59	49.79	0.78	ppb
Cadmium	106-1	51.19	49.60	51.89	50.89	2.31	ppb
Cadmium	108-1	51.14	52.71	51.17	51.67	1.73	ppb
Cadmium	111-1	51.52	50.99	51.87	51.46	0.86	ppb
Calcium	43-1	4884.34	4808.97	4862.26	4851.86	0.80	ppb
Calcium	44-1	4938.87	4903.27	4901.10	4914.41	0.43	ppb
Chromium	52-2	56.51	52.23	51.42	53.39	5.13	ppb
Cobalt	59-2	57.99	52.85	53.11	54.65	5.30	ppb
Copper	63-2	118.13	107.16	107.79	111.03	5.55	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	2762.21	2544.15	2521.76	2609.37	5.09	ppb
Iron	57-2	2761.02	2513.94	2507.24	2594.07	5.58	ppb
Lead	206-1	50.65	50.36	50.45	50.49	0.30	ppb
Lead	207-1	49.88	50.41	49.99	50.09	0.56	ppb
Lead	208-1	49.85	50.25	49.98	50.03	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	5696.51	5192.81	5219.43	5369.59	5.28	ppb
Manganese	55-2	113.71	103.80	104.57	107.36	5.14	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:45:17	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.29	48.81	49.11	49.07	0.49	ppb
Molybdenum	95-1	49.79	48.82	49.70	49.44	1.08	ppb
Molybdenum	96-1	48.99	48.93	48.84	48.92	0.15	ppb
Molybdenum	97-1	49.38	49.12	48.95	49.15	0.43	ppb
Molybdenum	98-1	49.05	48.38	48.75	48.73	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.53	52.47	52.74	54.58	6.27	ppb
Phosphorus	31-2	1053.31	1039.77	995.46	1029.52	2.94	ppb
Potassium	39-2	2783.75	2523.40	2510.78	2605.98	5.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	50.47	49.54	50.11	50.04	0.93	ppb
Selenium	77-2	52.27	33.21	52.32	45.93	23.99	ppb
Selenium	78-2	51.02	47.20	51.06	49.76	4.45	ppb
Silicon	28-1	60.56	59.91	62.66	61.04	2.35	ppb
Silver	109-1	52.07	51.65	51.94	51.88	0.42	ppb
Silver	107-1	51.98	52.28	52.08	52.11	0.29	ppb
Sodium	23-2	5654.35	5159.24	5134.38	5315.99	5.52	ppb
Strontium	86-1	50.71	50.60	51.49	50.93	0.95	ppb
Strontium	88-1	50.54	50.30	51.02	50.62	0.72	ppb
Sulfur	34-1	1050.12	1042.93	1042.64	1045.23	0.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.87	49.09	49.45	49.14	0.60	ppb
Thallium	205-1	49.37	49.52	49.18	49.36	0.34	ppb
Tin	118-1	50.04	49.53	50.11	49.89	0.63	ppb
Titanium	47-1	51.57	49.14	51.32	50.67	2.64	ppb
Uranium	238-1	49.08	48.64	49.23	48.98	0.64	ppb
Vanadium	51-2	55.41	51.43	50.77	52.54	4.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	101.98	93.75	93.12	96.28	5.13	ppb
Zirconium	90-1	49.11	48.41	49.18	48.90	0.87	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:45:17	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.28	49.87	49.55	49.57	0.59	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:49:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2496.26	2557.75	2563.65	2539.22	1.47	ppb
Antimony	121-1	117.87	118.40	117.01	117.76	0.59	ppb
Arsenic	75-2	125.19	124.73	122.39	124.11	1.21	ppb
Barium	135-1	618.81	626.46	623.39	622.89	0.62	ppb
Barium	137-1	631.74	635.19	629.14	632.02	0.48	ppb
Beryllium	9-1	127.04	125.20	125.71	125.98	0.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	123.33	127.20	125.64	125.39	1.55	ppb
Boron	11-1	123.81	123.04	124.34	123.73	0.53	ppb
Cadmium	106-1	130.93	125.98	121.00	125.97	3.94	ppb
Cadmium	108-1	127.61	128.21	131.54	129.12	1.64	ppb
Cadmium	111-1	130.00	128.81	126.34	128.39	1.45	ppb
Calcium	43-1	12100.92	12133.29	12247.02	12160.41	0.63	ppb
Calcium	44-1	12175.74	12359.51	12371.65	12302.30	0.89	ppb
Chromium	52-2	128.43	130.39	130.07	129.63	0.81	ppb
Cobalt	59-2	130.90	131.94	131.19	131.35	0.41	ppb
Copper	63-2	268.11	270.68	266.65	268.48	0.76	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6235.17	6309.15	6233.74	6259.35	0.69	ppb
Iron	57-2	6252.75	6282.57	6239.87	6258.40	0.35	ppb
Lead	206-1	128.21	126.05	126.52	126.93	0.89	ppb
Lead	207-1	125.73	125.61	125.36	125.57	0.15	ppb
Lead	208-1	125.78	124.84	124.87	125.17	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	12903.10	12929.86	12953.24	12928.73	0.19	ppb
Manganese	55-2	260.43	260.49	261.12	260.68	0.15	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:49:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	126.55	125.90	125.89	126.11	0.30	ppb
Molybdenum	95-1	127.38	125.19	126.27	126.28	0.87	ppb
Molybdenum	96-1	125.37	125.66	123.87	124.96	0.77	ppb
Molybdenum	97-1	124.71	124.48	124.24	124.48	0.19	ppb
Molybdenum	98-1	124.89	125.39	124.06	124.78	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.54	131.68	132.61	132.28	0.39	ppb
Phosphorus	31-2	2430.10	2611.73	2642.46	2561.43	4.48	ppb
Potassium	39-2	6306.80	6315.33	6321.97	6314.70	0.12	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	127.60	108.38	132.94	122.97	10.50	ppb
Selenium	78-2	120.96	130.04	124.90	125.30	3.64	ppb
Selenium	82-1	127.21	127.74	125.26	126.74	1.03	ppb
Silicon	28-1	149.13	155.43	152.93	152.50	2.08	ppb
Silver	109-1	130.01	131.59	129.77	130.46	0.76	ppb
Silver	107-1	129.52	130.85	129.42	129.93	0.61	ppb
Sodium	23-2	12685.54	12751.96	12722.49	12720.00	0.26	ppb
Strontium	86-1	127.31	126.22	127.02	126.85	0.45	ppb
Strontium	88-1	127.75	126.93	127.37	127.35	0.32	ppb
Sulfur	34-1	2121.14	2295.31	2226.39	2214.28	3.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	123.21	123.02	123.18	123.14	0.08	ppb
Thallium	205-1	124.63	123.15	123.20	123.66	0.68	ppb
Tin	118-1	124.88	127.31	124.83	125.67	1.13	ppb
Titanium	47-1	125.24	124.43	125.79	125.15	0.55	ppb
Uranium	238-1	122.72	123.69	122.77	123.06	0.45	ppb
Vanadium	51-2	127.41	126.91	128.03	127.45	0.44	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	232.79	236.40	235.43	234.87	0.80	ppb
Zirconium	90-1	124.25	124.94	124.75	124.65	0.29	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:49:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	126.22	127.33	127.82	127.12	0.65	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:53:02	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5060.89	5079.25	5032.73	5057.62	0.46	ppb
Antimony	121-1	244.84	243.88	242.58	243.77	0.47	ppb
Arsenic	75-2	250.73	250.30	251.20	250.74	0.18	ppb
Barium	135-1	1237.16	1232.41	1240.82	1236.80	0.34	ppb
Barium	137-1	1256.38	1254.56	1272.16	1261.03	0.77	ppb
Beryllium	9-1	251.49	256.03	252.11	253.21	0.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	247.68	247.53	247.84	247.68	0.06	ppb
Boron	11-1	245.75	253.41	247.43	248.86	1.62	ppb
Cadmium	106-1	248.89	255.83	254.56	253.09	1.46	ppb
Cadmium	108-1	252.04	259.51	252.73	254.76	1.62	ppb
Cadmium	111-1	256.23	254.97	257.53	256.24	0.50	ppb
Calcium	43-1	24044.01	24140.14	24308.40	24164.19	0.55	ppb
Calcium	44-1	24189.36	24437.59	24530.65	24385.87	0.72	ppb
Chromium	52-2	255.61	253.20	256.77	255.20	0.71	ppb
Cobalt	59-2	259.68	259.10	260.45	259.74	0.26	ppb
Copper	63-2	528.66	526.69	528.84	528.07	0.23	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	12548.80	12337.50	12377.53	12421.28	0.90	ppb
Iron	57-2	12417.52	12345.12	12365.61	12376.09	0.30	ppb
Lead	206-1	248.65	254.50	251.75	251.64	1.16	ppb
Lead	207-1	249.11	251.03	250.44	250.20	0.39	ppb
Lead	208-1	247.55	250.50	249.12	249.06	0.59	ppb
Lithium	6-1						%
Magnesium	24-2	25558.16	25504.40	25839.92	25634.16	0.70	ppb
Manganese	55-2	513.49	512.42	512.85	512.92	0.11	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:53:02	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	251.86	246.68	249.07	249.20	1.04	ppb
Molybdenum	95-1	254.13	245.93	248.51	249.52	1.68	ppb
Molybdenum	96-1	250.93	244.74	247.56	247.74	1.25	ppb
Molybdenum	97-1	252.85	246.35	246.05	248.41	1.55	ppb
Molybdenum	98-1	248.34	247.07	244.64	246.69	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.09	260.07	263.10	260.75	0.80	ppb
Phosphorus	31-2	4945.89	5101.28	4953.93	5000.37	1.75	ppb
Potassium	39-2	12437.86	12563.51	12546.86	12516.08	0.55	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	260.36	252.07	242.78	251.74	3.49	ppb
Selenium	78-2	250.32	255.88	257.09	254.43	1.42	ppb
Selenium	82-1	248.85	249.23	246.77	248.28	0.53	ppb
Silicon	28-1	302.81	300.99	307.02	303.61	1.02	ppb
Silver	109-1	257.23	255.32	259.34	257.30	0.78	ppb
Silver	107-1	256.51	254.03	258.54	256.36	0.88	ppb
Sodium	23-2	25372.17	25127.92	25588.13	25362.74	0.91	ppb
Strontium	86-1	252.78	248.51	248.28	249.86	1.02	ppb
Strontium	88-1	253.57	250.49	249.29	251.11	0.88	ppb
Sulfur	34-1	4459.73	4661.18	4683.77	4601.56	2.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	244.87	247.61	245.07	245.85	0.62	ppb
Thallium	205-1	243.20	249.03	245.71	245.98	1.19	ppb
Tin	118-1	249.25	247.13	250.67	249.02	0.72	ppb
Titanium	47-1	247.78	250.59	251.95	250.10	0.85	ppb
Uranium	238-1	246.99	248.24	248.97	248.07	0.40	ppb
Vanadium	51-2	253.57	252.81	253.72	253.37	0.19	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	461.80	455.70	462.24	459.91	0.79	ppb
Zirconium	90-1	247.98	245.91	244.25	246.05	0.76	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:53:02	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	252.78	250.44	249.40	250.87	0.69	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:56:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10154.99	10003.47	9963.87	10040.78	1.00	ppb
Antimony	121-1	503.40	494.45	490.81	496.22	1.31	ppb
Arsenic	75-2	495.53	498.04	498.25	497.27	0.30	ppb
Barium	135-1	2499.27	2470.59	2480.19	2483.35	0.59	ppb
Barium	137-1	2522.55	2478.98	2520.78	2507.44	0.98	ppb
Beryllium	9-1	499.63	502.71	509.54	503.96	1.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	484.40	481.07	513.72	493.06	3.64	ppb
Boron	11-1	486.30	499.64	515.87	500.60	2.96	ppb
Cadmium	106-1	508.36	503.94	504.38	505.56	0.48	ppb
Cadmium	108-1	513.96	505.57	516.96	512.16	1.15	ppb
Cadmium	111-1	508.29	508.41	508.82	508.50	0.05	ppb
Calcium	43-1	48105.72	48019.96	48038.82	48054.84	0.09	ppb
Calcium	44-1	47964.96	48310.71	48364.93	48213.53	0.45	ppb
Chromium	52-2	510.90	512.63	509.75	511.09	0.28	ppb
Cobalt	59-2	514.18	519.81	514.12	516.04	0.63	ppb
Copper	63-2	1036.79	1036.99	1031.71	1035.17	0.29	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	24595.71	24678.06	24406.85	24560.21	0.57	ppb
Iron	57-2	24474.59	24730.61	24395.00	24533.40	0.71	ppb
Lead	206-1	496.08	499.11	496.85	497.35	0.32	ppb
Lead	207-1	496.92	499.10	497.16	497.73	0.24	ppb
Lead	208-1	494.13	496.16	494.52	494.94	0.22	ppb
Lithium	6-1						%
Magnesium	24-2	50949.31	49807.99	50584.36	50447.22	1.16	ppb
Manganese	55-2	1022.98	1026.49	1017.05	1022.17	0.47	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:56:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.96	500.76	506.14	503.95	0.56	ppb
Molybdenum	95-1	507.43	500.83	506.28	504.84	0.70	ppb
Molybdenum	96-1	504.16	497.59	501.19	500.98	0.66	ppb
Molybdenum	97-1	502.17	496.18	501.87	500.08	0.68	ppb
Molybdenum	98-1	500.74	498.21	499.39	499.45	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.49	518.67	512.03	515.06	0.65	ppb
Phosphorus	31-2	10221.09	10183.54	10421.98	10275.54	1.25	ppb
Potassium	39-2	25189.81	25172.01	24748.11	25036.64	1.00	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	504.49	520.11	508.63	511.08	1.58	ppb
Selenium	78-2	499.83	505.67	502.95	502.82	0.58	ppb
Selenium	82-1	506.52	505.85	505.25	505.87	0.13	ppb
Silicon	28-1	598.85	611.03	606.73	605.54	1.02	ppb
Silver	109-1	509.00	504.58	508.01	507.20	0.46	ppb
Silver	107-1	508.74	499.93	509.64	506.10	1.06	ppb
Sodium	23-2	50287.27	50743.07	50276.50	50435.62	0.53	ppb
Strontium	86-1	502.95	502.93	509.30	505.06	0.73	ppb
Strontium	88-1	503.30	503.43	507.26	504.66	0.45	ppb
Sulfur	34-1	9625.92	9844.92	9664.69	9711.84	1.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	486.75	490.87	491.02	489.55	0.49	ppb
Thallium	205-1	491.21	491.49	492.13	491.61	0.10	ppb
Tin	118-1	500.29	497.56	496.25	498.04	0.41	ppb
Titanium	47-1	498.03	493.93	504.01	498.66	1.02	ppb
Uranium	238-1	494.36	495.74	492.96	494.35	0.28	ppb
Vanadium	51-2	506.86	512.14	507.70	508.90	0.56	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	909.31	915.39	903.95	909.55	0.63	ppb
Zirconium	90-1	497.71	496.85	501.61	498.72	0.51	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:56:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.56	504.75	505.46	505.26	0.09	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:00:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19721.40	19676.35	19647.01	19681.59	0.19	ppb
Antimony	121-1	1000.79	1006.34	1007.36	1004.83	0.35	ppb
Arsenic	75-2	997.85	998.03	1007.70	1001.19	0.56	ppb
Barium	135-1	4999.97	4991.62	5044.16	5011.92	0.56	ppb
Barium	137-1	4974.13	4984.66	5018.51	4992.44	0.46	ppb
Beryllium	9-1	999.02	1003.93	988.15	997.04	0.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	997.95	1011.82	1002.36	1004.04	0.71	ppb
Boron	11-1	986.16	1011.76	1002.67	1000.20	1.30	ppb
Cadmium	106-1	988.29	999.79	1000.76	996.28	0.70	ppb
Cadmium	108-1	994.96	988.69	992.74	992.13	0.32	ppb
Cadmium	111-1	988.14	993.99	998.94	993.69	0.54	ppb
Calcium	43-1	95847.25	96282.35	95842.47	95990.69	0.26	ppb
Calcium	44-1	96644.27	95979.91	96227.28	96283.82	0.35	ppb
Chromium	52-2	991.11	994.97	991.15	992.41	0.22	ppb
Cobalt	59-2	987.27	990.83	987.46	988.52	0.20	ppb
Copper	63-2	1975.17	1962.10	1980.35	1972.54	0.48	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	47865.98	47519.16	47345.21	47576.78	0.56	ppb
Iron	57-2	47638.62	47747.15	47547.09	47644.29	0.21	ppb
Lead	206-1	1004.11	1004.92	992.92	1000.65	0.67	ppb
Lead	207-1	1001.20	1003.26	998.58	1001.01	0.23	ppb
Lead	208-1	1005.10	1006.23	996.90	1002.74	0.51	ppb
Lithium	6-1						%
Magnesium	24-2	99065.65	98386.80	98114.75	98522.40	0.50	ppb
Manganese	55-2	1984.71	1985.16	1982.07	1983.98	0.08	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:00:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	983.86	1005.10	1005.48	998.15	1.24	ppb
Molybdenum	95-1	982.42	1003.18	1007.11	997.57	1.33	ppb
Molybdenum	96-1	990.54	1003.66	1006.22	1000.14	0.84	ppb
Molybdenum	97-1	991.87	1010.62	998.92	1000.47	0.95	ppb
Molybdenum	98-1	983.50	1007.84	1012.26	1001.20	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.45	991.23	988.24	988.64	0.24	ppb
Phosphorus	31-2	19829.34	20072.20	19657.42	19852.99	1.05	ppb
Potassium	39-2	49312.58	48847.72	48281.26	48813.85	1.06	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	966.82	988.78	1027.86	994.49	3.11	ppb
Selenium	78-2	984.27	992.83	1015.28	997.46	1.61	ppb
Selenium	82-1	987.24	1003.77	1000.81	997.28	0.88	ppb
Silicon	28-1	919.77	935.89	934.00	929.88	0.95	ppb
Silver	109-1	993.38	985.66	1002.36	993.80	0.84	ppb
Silver	107-1	994.61	994.80	994.50	994.64	0.02	ppb
Sodium	23-2	99247.98	97926.28	98057.86	98410.71	0.74	ppb
Strontium	86-1	985.04	1002.98	1003.66	997.23	1.06	ppb
Strontium	88-1	987.18	1001.07	1002.94	997.07	0.86	ppb
Sulfur	34-1	20129.77	20327.99	20373.67	20277.14	0.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1011.05	1008.92	999.65	1006.54	0.60	ppb
Thallium	205-1	1006.23	1009.11	1000.87	1005.40	0.42	ppb
Tin	118-1	995.93	1005.46	1002.06	1001.15	0.48	ppb
Titanium	47-1	1000.16	997.86	1003.76	1000.59	0.30	ppb
Uranium	238-1	1012.05	1005.00	993.75	1003.60	0.92	ppb
Vanadium	51-2	993.89	997.44	991.49	994.28	0.30	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	2055.01	2061.35	2055.61	2057.32	0.17	ppb
Zirconium	90-1	988.86	1006.18	1010.14	1001.73	1.13	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:00:36	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	982.44	1002.31	1005.97	996.91	1.27	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:04:13	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99857.34	99293.84	101014.30	100055.16	0.88	ppb
Antimony	121-1	4.21	4.80	4.99	4.67	8.66	ppb
Arsenic	75-2	1.94	1.82	1.93	1.90	3.50	ppb
Barium	135-1	1.91	1.79	1.62	1.78	8.23	ppb
Barium	137-1	1.91	1.86	1.83	1.87	1.99	ppb
Beryllium	9-1	0.16	0.21	0.20	0.19	13.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.80	17.53	15.20	17.51	13.14	ppb
Boron	11-1	18.93	16.96	16.91	17.60	6.56	ppb
Cadmium	106-1	-0.46	1.87	-0.03	0.46	270.30	ppb
Cadmium	108-1	0.29	0.49	0.22	0.33	43.09	ppb
Cadmium	111-1	0.24	0.37	0.23	0.28	29.07	ppb
Calcium	43-1	493430.66	506539.56	503174.30	501048.17	1.36	ppb
Calcium	44-1	497861.05	506624.31	498389.91	500958.42	0.98	ppb
Chromium	52-2	29.96	29.87	29.78	29.87	0.30	ppb
Cobalt	59-2	1.41	1.36	1.35	1.37	2.47	ppb
Copper	63-2	3.08	3.15	3.01	3.08	2.34	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	249361.13	249417.06	252815.50	250531.23	0.79	ppb
Iron	57-2	251597.40	248597.56	251373.59	250522.85	0.67	ppb
Lead	206-1	2.55	2.51	2.47	2.51	1.60	ppb
Lead	207-1	2.21	2.37	2.49	2.36	6.13	ppb
Lead	208-1	2.40	2.43	2.47	2.44	1.46	ppb
Lithium	6-1						%
Magnesium	24-2	499886.11	497525.31	503202.58	500204.67	0.57	ppb
Manganese	55-2	7.56	7.39	7.55	7.50	1.29	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:04:13	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.33	2.45	2.61	2.46	5.71	ppb
Molybdenum	95-1	6.79	7.30	7.59	7.23	5.61	ppb
Molybdenum	96-1	6.59	6.79	7.57	6.98	7.37	ppb
Molybdenum	97-1	6.89	7.50	7.90	7.43	6.83	ppb
Molybdenum	98-1	6.68	7.36	7.80	7.28	7.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.01	18.07	17.70	17.93	1.10	ppb
Phosphorus	31-2	22.05	2.75	-19.62	1.72	1209.44	ppb
Potassium	39-2	247760.74	250749.37	252180.22	250230.11	0.90	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.80	2.46	3.76	2.68	37.15	ppb
Selenium	78-2	3.41	3.03	3.26	3.23	5.89	ppb
Selenium	82-1	1.68	2.12	3.26	2.35	34.63	ppb
Silicon	28-1	68.96	70.89	71.89	70.58	2.11	ppb
Silver	109-1	0.11	0.15	0.15	0.14	14.12	ppb
Silver	107-1	0.15	0.14	0.13	0.14	8.15	ppb
Sodium	23-2	497210.56	496887.54	506644.43	500247.51	1.11	ppb
Strontium	86-1	30.76	30.77	30.36	30.63	0.77	ppb
Strontium	88-1	30.88	31.06	31.07	31.00	0.36	ppb
Sulfur	34-1	-608.37	-340.33	-416.00	-454.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.51	0.52	0.47	0.50	5.07	ppb
Thallium	205-1	0.50	0.49	0.51	0.50	1.70	ppb
Tin	118-1	1.16	1.30	1.45	1.30	11.07	ppb
Titanium	47-1	0.84	0.71	0.81	0.78	8.54	ppb
Uranium	238-1	0.24	0.26	0.25	0.25	4.71	ppb
Vanadium	51-2	0.39	0.35	0.33	0.35	7.75	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	23.69	23.46	23.73	23.63	0.62	ppb
Zirconium	90-1	0.26	0.26	0.26	0.26	1.79	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:04:13	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.20	0.30	0.24	23.23	ppb

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 12:18:01 DataFile Name : 014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	519.16	504.43	495.12	506.24	2.39	ppb
Antimony	121-1	193.68	190.42	191.85	191.98	0.85	ppb
Arsenic	75-2	198.98	197.25	195.98	197.40	0.76	ppb
Barium	135-1	99.92	99.30	98.75	99.33	0.59	ppb
Barium	137-1	101.72	99.91	100.57	100.73	0.91	ppb
Beryllium	9-1	99.41	99.97	99.32	99.57	0.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	522.04	518.58	534.06	524.89	1.55	ppb
Boron	11-1	516.14	524.21	529.77	523.37	1.31	ppb
Cadmium	106-1	182.07	182.92	183.78	182.92	0.47	ppb
Cadmium	108-1	147.04	148.65	146.22	147.30	0.84	ppb
Cadmium	111-1	105.61	105.54	107.33	106.16	0.95	ppb
Calcium	43-1	2213.72	2146.65	2117.71	2159.36	2.28	ppb
Calcium	44-1	2051.71	2059.59	2075.64	2062.31	0.59	ppb
Chromium	52-2	97.59	95.89	98.98	97.49	1.59	ppb
Cobalt	59-2	102.10	100.85	103.06	102.00	1.09	ppb
Copper	63-2	103.54	102.80	104.17	103.50	0.66	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	995.02	980.49	1003.93	993.14	1.19	ppb
Iron	57-2	954.47	957.50	968.42	960.13	0.76	ppb
Lead	206-1	202.27	202.24	205.59	203.37	0.95	ppb
Lead	207-1	192.20	193.26	195.18	193.55	0.78	ppb
Lead	208-1	196.57	196.90	198.42	197.29	0.50	ppb
Lithium	6-1						%
Magnesium	24-2	1205.24	1201.92	1239.21	1215.46	1.70	ppb
Manganese	55-2	98.88	98.43	101.09	99.47	1.43	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:18:01	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	497.41	491.57	498.87	495.95	0.78	ppb
Molybdenum	95-1	503.87	495.95	500.84	500.22	0.80	ppb
Molybdenum	96-1	496.95	490.55	497.49	495.00	0.78	ppb
Molybdenum	97-1	501.59	491.83	495.59	496.34	0.99	ppb
Molybdenum	98-1	497.17	482.02	489.23	489.47	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.95	102.31	104.44	103.23	1.06	ppb
Phosphorus	31-2	-9.62	-20.36	2.98	-9.00		ppb
Potassium	39-2	1950.33	1948.98	1990.87	1963.39	1.21	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	208.71	192.75	186.07	195.84	5.94	ppb
Selenium	78-2	194.64	201.57	195.43	197.22	1.92	ppb
Selenium	82-1	197.84	197.96	196.51	197.44	0.41	ppb
Silicon	28-1	591.00	592.39	590.92	591.44	0.14	ppb
Silver	109-1	102.65	102.27	103.05	102.65	0.38	ppb
Silver	107-1	103.76	103.64	104.10	103.84	0.23	ppb
Sodium	23-2	2021.38	1984.56	2023.00	2009.65	1.08	ppb
Strontium	86-1	469.23	456.64	462.22	462.70	1.36	ppb
Strontium	88-1	473.81	460.55	465.44	466.60	1.44	ppb
Sulfur	34-1	-746.91	-907.56	-1094.31	-916.26		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	196.95	196.03	197.27	196.75	0.33	ppb
Thallium	205-1	196.05	196.66	198.59	197.10	0.67	ppb
Tin	118-1	504.62	497.53	503.27	501.80	0.75	ppb
Titanium	47-1	493.67	500.53	491.93	495.38	0.92	ppb
Uranium	238-1	478.05	484.86	493.46	485.46	1.59	ppb
Vanadium	51-2	98.18	96.72	98.78	97.89	1.08	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	193.61	191.43	194.39	193.15	0.80	ppb
Zirconium	90-1	504.15	496.60	500.69	500.48	0.75	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:18:01	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.81	493.08	497.88	496.92	0.70	ppb

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 12:26:43 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.38	0.25	0.22	79.70	ppb
Antimony	121-1	0.98	1.27	1.44	1.23	18.92	ppb
Arsenic	75-2	0.18	0.19	0.23	0.20	12.70	ppb
Barium	135-1	-0.01	-0.01	0.01	0.00		ppb
Barium	137-1	-0.01	0.02	0.01	0.01	246.84	ppb
Beryllium	9-1	0.05	0.02	0.05	0.04	45.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.92	5.07	6.31	5.77	11.01	ppb
Boron	11-1	5.90	5.67	5.86	5.81	2.17	ppb
Cadmium	106-1	-0.45	-0.07	-1.38	-0.63		ppb
Cadmium	108-1	-0.06	0.01	-0.06	-0.03		ppb
Cadmium	111-1	-0.04	-0.01	-0.11	-0.05		ppb
Calcium	43-1	0.41	3.15	-1.08	0.83	259.63	ppb
Calcium	44-1	1.19	2.33	0.62	1.38	62.93	ppb
Chromium	52-2	-0.04	-0.03	-0.04	-0.04		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.16	-0.18	-0.18	-0.17		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	0.42	0.41	0.52	0.45	13.29	ppb
Iron	57-2	0.49	0.63	0.80	0.64	23.99	ppb
Lead	206-1	0.01	0.02	0.04	0.02	66.26	ppb
Lead	207-1	0.02	0.01	0.03	0.02	47.16	ppb
Lead	208-1	0.02	0.03	0.04	0.03	30.33	ppb
Lithium	6-1						%
Magnesium	24-2	0.28	0.07	0.18	0.18	59.58	ppb
Manganese	55-2	0.00	-0.02	-0.01	-0.01		ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:26:43	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.17	0.18	0.16	19.17	ppb
Molybdenum	95-1	0.34	0.43	0.59	0.45	28.14	ppb
Molybdenum	96-1	0.29	0.33	0.45	0.36	23.90	ppb
Molybdenum	97-1	0.41	0.41	0.50	0.44	12.32	ppb
Molybdenum	98-1	0.34	0.50	0.53	0.46	22.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-18.19	-23.58	-10.32	-17.36		ppb
Potassium	39-2	1.43	6.44	3.85	3.91	64.15	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.43	2.43	-0.22	0.88	157.38	ppb
Selenium	78-2	0.38	-0.75	0.78	0.14	579.13	ppb
Selenium	82-1	0.01	0.20	0.19	0.13	82.69	ppb
Silicon	28-1	-10.58	-12.39	-12.71	-11.90		ppb
Silver	109-1	0.02	0.01	0.02	0.02	15.43	ppb
Silver	107-1	0.02	0.03	0.01	0.02	36.11	ppb
Sodium	23-2	20.97	22.12	20.01	21.03	5.02	ppb
Strontium	86-1	-0.02	-0.03	-0.04	-0.03		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	15.07	ppb
Sulfur	34-1	-536.42	-619.31	-496.43	-550.72		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.18	0.23	0.31	0.24	26.63	ppb
Titanium	47-1	-0.02	0.03	0.06	0.03	162.24	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.18	0.09	0.29	0.19	53.75	ppb
Zirconium	90-1	0.03	0.05	0.05	0.04	22.52	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:26:43	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.03	0.03	50.64	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:30:17	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90707.56	91751.84	91940.55	91466.65	0.73	ppb
Antimony	121-1	1.64	1.82	1.83	1.76	6.05	ppb
Arsenic	75-2	0.36	0.50	0.38	0.41	18.50	ppb
Barium	135-1	1.49	1.47	1.43	1.46	2.10	ppb
Barium	137-1	1.47	1.39	1.49	1.45	3.63	ppb
Beryllium	9-1	0.32	0.44	0.28	0.34	24.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.58	6.81	5.22	6.54	18.42	ppb
Boron	11-1	6.48	6.43	6.03	6.31	3.94	ppb
Cadmium	106-1	0.80	0.21	-0.27	0.25	214.43	ppb
Cadmium	108-1	12.13	11.75	11.06	11.65	4.63	ppb
Cadmium	111-1	0.49	0.44	0.38	0.44	12.52	ppb
Calcium	43-1	92546.61	92515.87	91655.85	92239.44	0.55	ppb
Calcium	44-1	93041.51	93740.73	92114.80	92965.68	0.88	ppb
Chromium	52-2	18.77	19.03	19.06	18.95	0.83	ppb
Cobalt	59-2	1.06	1.11	1.16	1.11	4.61	ppb
Copper	63-2	8.58	8.57	8.95	8.70	2.47	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	91907.12	92262.48	92717.43	92295.68	0.44	ppb
Iron	57-2	91094.55	92513.30	92186.65	91931.50	0.81	ppb
Lead	206-1	4.73	4.67	4.75	4.72	0.92	ppb
Lead	207-1	4.15	4.13	4.17	4.15	0.44	ppb
Lead	208-1	4.37	4.41	4.36	4.38	0.55	ppb
Lithium	6-1						%
Magnesium	24-2	94662.90	96116.25	95814.08	95531.08	0.80	ppb
Manganese	55-2	7.73	7.85	7.88	7.82	0.99	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:30:17	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	573.02	567.45	562.86	567.77	0.90	ppb
Molybdenum	95-1	1929.47	1891.26	1896.93	1905.89	1.08	ppb
Molybdenum	96-1	1588.63	1561.57	1535.22	1561.81	1.71	ppb
Molybdenum	97-1	1862.29	1846.52	1823.11	1843.97	1.07	ppb
Molybdenum	98-1	1869.75	1861.41	1836.80	1855.99	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.28	5.34	5.32	5.31	0.62	ppb
Phosphorus	31-2	95215.10	97034.10	95956.69	96068.63	0.95	ppb
Potassium	39-2	94893.03	95124.35	94939.86	94985.75	0.13	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.43	-0.22	1.07	0.42	152.83	ppb
Selenium	78-2	0.56	0.09	0.00	0.21	139.41	ppb
Selenium	82-1	-0.11	0.03	-0.12	-0.07		ppb
Silicon	28-1	12.29	14.13	9.33	11.92	20.31	ppb
Silver	109-1	0.47	0.42	0.35	0.41	14.61	ppb
Silver	107-1	0.52	0.41	0.32	0.42	23.83	ppb
Sodium	23-2	94669.23	94871.99	95790.34	95110.52	0.63	ppb
Strontium	86-1	30.04	30.25	29.47	29.92	1.35	ppb
Strontium	88-1	30.31	30.30	30.09	30.23	0.41	ppb
Sulfur	34-1	101243.01	101432.06	99365.11	100680.06	1.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.02	0.04	49.91	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	32.39	ppb
Tin	118-1	0.25	0.28	0.35	0.30	16.11	ppb
Titanium	47-1	1900.27	1902.26	1882.85	1895.12	0.56	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	49.98	ppb
Vanadium	51-2	0.16	0.16	0.12	0.15	16.79	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	11.18	11.09	10.87	11.04	1.44	ppb
Zirconium	90-1	0.13	0.14	0.14	0.14	6.59	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:30:17	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.14	0.13	0.12	11.82	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:33:51	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96600.45	95636.84	96449.14	96228.81	0.54	ppb
Antimony	121-1	20.28	20.03	19.60	19.97	1.72	ppb
Arsenic	75-2	20.12	19.47	20.17	19.92	1.95	ppb
Barium	135-1	22.09	21.63	21.43	21.72	1.55	ppb
Barium	137-1	22.30	22.11	22.27	22.23	0.46	ppb
Beryllium	9-1	20.24	19.73	20.36	20.11	1.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	59.71	55.19	56.73	57.21	4.02	ppb
Boron	11-1	57.83	56.43	58.83	57.70	2.08	ppb
Cadmium	106-1	24.66	24.50	25.68	24.95	2.57	ppb
Cadmium	108-1	35.00	37.51	33.47	35.33	5.77	ppb
Cadmium	111-1	20.75	19.95	20.54	20.41	2.02	ppb
Calcium	43-1	95586.22	95714.71	96502.72	95934.55	0.52	ppb
Calcium	44-1	96817.87	97211.58	96671.28	96900.24	0.29	ppb
Chromium	52-2	39.14	39.65	40.20	39.66	1.35	ppb
Cobalt	59-2	21.56	21.31	21.81	21.56	1.17	ppb
Copper	63-2	29.54	29.65	29.77	29.65	0.38	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	95726.33	95811.84	96366.78	95968.32	0.36	ppb
Iron	57-2	96342.62	95591.28	96907.67	96280.52	0.69	ppb
Lead	206-1	26.07	25.75	25.87	25.90	0.61	ppb
Lead	207-1	24.05	23.76	23.73	23.85	0.74	ppb
Lead	208-1	24.59	24.35	24.45	24.46	0.49	ppb
Lithium	6-1						%
Magnesium	24-2	99290.82	98131.54	99572.04	98998.13	0.77	ppb
Manganese	55-2	28.34	28.43	28.81	28.53	0.86	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:33:51	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	641.33	635.86	646.93	641.37	0.86	ppb
Molybdenum	95-1	2037.24	2028.36	2063.27	2042.95	0.89	ppb
Molybdenum	96-1	1667.50	1676.15	1708.10	1683.92	1.27	ppb
Molybdenum	97-1	1971.23	1969.11	1987.49	1975.95	0.51	ppb
Molybdenum	98-1	1987.86	1973.91	1994.80	1985.52	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.47	25.12	26.05	25.55	1.85	ppb
Phosphorus	31-2	99877.87	100274.63	101274.03	100475.51	0.72	ppb
Potassium	39-2	100894.85	98876.36	100333.02	100034.74	1.04	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	18.80	17.30	23.81	19.97	17.08	ppb
Selenium	78-2	17.56	17.11	19.47	18.04	6.94	ppb
Selenium	82-1	19.90	20.30	20.60	20.27	1.73	ppb
Silicon	28-1	79.00	79.13	80.38	79.50	0.96	ppb
Silver	109-1	19.51	19.34	19.40	19.42	0.44	ppb
Silver	107-1	19.61	19.44	19.11	19.39	1.29	ppb
Sodium	23-2	98366.55	98613.17	99390.18	98789.97	0.54	ppb
Strontium	86-1	76.99	77.34	78.55	77.63	1.05	ppb
Strontium	88-1	77.73	77.87	78.24	77.95	0.34	ppb
Sulfur	34-1	103882.18	103800.20	104552.15	104078.18	0.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.34	20.44	20.56	20.45	0.54	ppb
Thallium	205-1	20.48	20.35	20.57	20.46	0.54	ppb
Tin	118-1	51.30	50.21	50.09	50.53	1.32	ppb
Titanium	47-1	2006.45	1997.79	2009.41	2004.55	0.30	ppb
Uranium	238-1	50.76	50.49	50.50	50.58	0.29	ppb
Vanadium	51-2	20.08	20.21	20.79	20.36	1.85	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	28.44	28.69	29.01	28.72	0.99	ppb
Zirconium	90-1	49.84	49.25	50.12	49.73	0.90	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:33:51	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.17	51.30	50.59	51.02	0.74	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:37:25	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9693.97	9745.53	9807.11	9748.87	0.58	ppb
Antimony	121-1	493.29	498.15	489.82	493.75	0.85	ppb
Arsenic	75-2	491.29	491.38	492.34	491.67	0.12	ppb
Barium	135-1	2452.38	2478.38	2445.60	2458.79	0.70	ppb
Barium	137-1	2435.23	2495.13	2471.20	2467.19	1.22	ppb
Beryllium	9-1	498.37	491.86	497.75	495.99	0.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	473.31	483.72	498.29	485.11	2.59	ppb
Boron	11-1	480.93	487.68	498.75	489.12	1.84	ppb
Cadmium	106-1	497.02	506.73	494.37	499.37	1.30	ppb
Cadmium	108-1	510.80	496.20	493.89	500.30	1.83	ppb
Cadmium	111-1	497.57	501.25	500.52	499.78	0.39	ppb
Calcium	43-1	47510.27	47788.99	47499.50	47599.59	0.34	ppb
Calcium	44-1	47491.48	47441.21	47572.78	47501.82	0.14	ppb
Chromium	52-2	492.09	498.19	501.57	497.29	0.97	ppb
Cobalt	59-2	490.59	500.41	501.80	497.60	1.23	ppb
Copper	63-2	988.96	1010.98	1008.03	1002.66	1.19	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	23865.87	24158.92	24280.83	24101.88	0.88	ppb
Iron	57-2	23703.01	24062.15	24323.28	24029.48	1.30	ppb
Lead	206-1	496.58	488.09	489.52	491.40	0.93	ppb
Lead	207-1	491.48	487.77	492.30	490.52	0.49	ppb
Lead	208-1	490.28	484.75	487.73	487.59	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	48596.75	49277.22	49634.24	49169.41	1.07	ppb
Manganese	55-2	990.94	997.69	1012.05	1000.23	1.08	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:37:25	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	490.27	489.34	484.62	488.08	0.62	ppb
Molybdenum	95-1	494.20	493.69	488.43	492.10	0.65	ppb
Molybdenum	96-1	489.64	488.84	482.91	487.13	0.75	ppb
Molybdenum	97-1	489.79	487.70	488.37	488.62	0.22	ppb
Molybdenum	98-1	486.58	485.20	480.42	484.07	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.44	499.23	507.04	499.90	1.37	ppb
Phosphorus	31-2	9781.50	9949.43	10153.77	9961.57	1.87	ppb
Potassium	39-2	24354.45	24623.10	24995.01	24657.52	1.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	496.01	491.46	484.79	490.75	1.15	ppb
Selenium	77-2	495.91	504.94	471.20	490.68	3.56	ppb
Selenium	78-2	493.24	483.35	502.98	493.19	1.99	ppb
Silicon	28-1	605.02	615.69	612.05	610.92	0.89	ppb
Silver	109-1	495.57	505.20	497.97	499.58	1.00	ppb
Silver	107-1	496.76	503.74	498.78	499.76	0.72	ppb
Sodium	23-2	48949.15	49341.17	49416.53	49235.62	0.51	ppb
Strontium	86-1	490.76	490.98	484.99	488.91	0.69	ppb
Strontium	88-1	490.32	490.71	494.70	491.91	0.49	ppb
Sulfur	34-1	8540.83	8543.77	8509.06	8531.22	0.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	487.31	479.21	484.02	483.51	0.84	ppb
Thallium	205-1	487.48	480.09	487.30	484.96	0.87	ppb
Tin	118-1	488.11	496.93	491.40	492.15	0.91	ppb
Titanium	47-1	492.27	490.88	489.57	490.91	0.27	ppb
Uranium	238-1	480.87	473.56	480.30	478.24	0.85	ppb
Vanadium	51-2	491.93	499.61	499.22	496.92	0.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	924.79	940.43	940.56	935.26	0.97	ppb
Zirconium	90-1	490.27	486.92	489.66	488.95	0.36	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:37:25	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.80	486.76	487.24	488.60	0.57	ppb

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P7
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 12:47:52 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.46	0.90	0.65	35.18	ppb
Antimony	121-1	1.24	1.41	1.69	1.45	15.99	ppb
Arsenic	75-2	0.06	0.12	0.19	0.12	51.12	ppb
Barium	135-1	0.01	0.01	-0.01	0.00	223.44	ppb
Barium	137-1	0.02	0.00	0.00	0.01	221.13	ppb
Beryllium	9-1	0.00	0.02	0.05	0.02	111.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.82	4.07	3.16	3.35	19.35	ppb
Boron	11-1	3.56	3.44	3.62	3.54	2.63	ppb
Cadmium	106-1	-1.07	-1.00	-0.53	-0.87		ppb
Cadmium	108-1	-0.02	-0.09	-0.06	-0.06		ppb
Cadmium	111-1	-0.08	-0.08	-0.04	-0.07		ppb
Calcium	43-1	-0.36	-2.14	-3.19	-1.90		ppb
Calcium	44-1	0.73	0.38	0.21	0.44	60.08	ppb
Chromium	52-2	-0.03	-0.01	-0.01	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.07	-0.03	-0.06	-0.05		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	1.15	1.08	0.96	1.06	9.02	ppb
Iron	57-2	1.94	1.17	2.00	1.70	27.28	ppb
Lead	206-1	0.05	0.05	0.02	0.04	47.18	ppb
Lead	207-1	0.04	0.04	0.03	0.04	17.40	ppb
Lead	208-1	0.04	0.04	0.04	0.04	10.25	ppb
Lithium	6-1						%
Magnesium	24-2	0.23	0.07	0.30	0.20	58.49	ppb
Manganese	55-2	-0.02	-0.03	-0.02	-0.02		ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:47:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.15	0.18	0.15	14.55	ppb
Molybdenum	95-1	0.42	0.41	0.59	0.47	21.13	ppb
Molybdenum	96-1	0.33	0.38	0.46	0.39	17.29	ppb
Molybdenum	97-1	0.37	0.44	0.61	0.47	25.61	ppb
Molybdenum	98-1	0.38	0.43	0.61	0.47	25.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-24.51	-23.29	-17.09	-21.63		ppb
Potassium	39-2	13.11	12.34	10.04	11.83	13.50	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.22	-0.22	0.42	-0.01		ppb
Selenium	78-2	-1.15	-0.23	-0.74	-0.71		ppb
Selenium	82-1	0.35	-0.08	0.11	0.13	167.71	ppb
Silicon	28-1	-10.97	-11.52	-9.43	-10.64		ppb
Silver	109-1	0.01	0.02	0.01	0.01	64.40	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.83	ppb
Sodium	23-2	21.82	19.02	21.93	20.92	7.90	ppb
Strontium	86-1	-0.06	-0.04	-0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	15.10	ppb
Sulfur	34-1	-1470.05	-1461.59	-1499.90	-1477.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	-0.01		ppb
Tin	118-1	0.07	0.13	0.15	0.12	37.36	ppb
Titanium	47-1	0.01	-0.02	0.00	0.00		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.19	0.07	0.07	0.11	60.21	ppb
Zirconium	90-1	0.02	0.04	0.03	0.03	19.15	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:47:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	51.69	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:51:26	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.23	22.14	22.02	21.46	4.98	ppb
Antimony	121-1	2.22	2.34	2.27	2.27	2.60	ppb
Arsenic	75-2	1.06	1.17	1.04	1.09	6.49	ppb
Barium	135-1	9.27	9.29	9.01	9.19	1.68	ppb
Barium	137-1	9.14	9.40	9.25	9.27	1.40	ppb
Beryllium	9-1	0.97	0.96	0.91	0.95	3.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.60	13.47	12.76	12.94	3.58	ppb
Boron	11-1	13.47	13.84	14.22	13.84	2.73	ppb
Cadmium	106-1	-0.02	0.81	-0.75	0.01	5937.61	ppb
Cadmium	108-1	0.84	0.98	0.98	0.93	8.49	ppb
Cadmium	111-1	0.88	0.86	0.86	0.87	1.02	ppb
Calcium	43-1	451.18	467.26	417.90	445.45	5.65	ppb
Calcium	44-1	465.14	455.60	451.14	457.29	1.56	ppb
Chromium	52-2	1.96	1.93	1.99	1.96	1.43	ppb
Cobalt	59-2	0.98	0.95	0.93	0.95	2.84	ppb
Copper	63-2	2.01	1.87	1.98	1.96	3.74	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	48.37	47.82	48.61	48.27	0.85	ppb
Iron	57-2	43.64	45.45	48.30	45.80	5.13	ppb
Lead	206-1	0.96	0.98	0.94	0.96	2.46	ppb
Lead	207-1	0.99	0.97	1.00	0.99	1.53	ppb
Lead	208-1	0.99	0.97	0.97	0.97	1.19	ppb
Lithium	6-1						%
Magnesium	24-2	470.61	484.59	480.03	478.41	1.49	ppb
Manganese	55-2	1.03	1.09	1.06	1.06	2.75	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:51:26	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.97	2.04	2.05	2.02	2.15	ppb
Molybdenum	95-1	4.79	4.76	4.87	4.80	1.19	ppb
Molybdenum	96-1	4.00	3.91	4.12	4.01	2.52	ppb
Molybdenum	97-1	4.66	4.46	5.03	4.72	6.13	ppb
Molybdenum	98-1	4.69	4.78	4.90	4.79	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.04	1.01	1.03	1.68	ppb
Phosphorus	31-2	12.68	12.43	0.50	8.54	81.58	ppb
Potassium	39-2	468.28	476.76	474.44	473.16	0.93	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.96	5.57	4.29	4.94	12.91	ppb
Selenium	78-2	5.30	3.45	4.96	4.57	21.48	ppb
Selenium	82-1	4.03	4.80	4.88	4.57	10.26	ppb
Silicon	28-1	-5.16	-4.20	-5.30	-4.89		ppb
Silver	109-1	0.88	0.95	0.84	0.89	6.16	ppb
Silver	107-1	0.89	0.88	0.92	0.90	2.65	ppb
Sodium	23-2	488.63	490.57	491.32	490.17	0.28	ppb
Strontium	86-1	0.86	0.83	0.91	0.87	4.41	ppb
Strontium	88-1	0.89	0.87	0.89	0.88	1.37	ppb
Sulfur	34-1	-1330.57	-1282.24	-1615.12	-1409.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.88	0.90	0.89	0.89	1.17	ppb
Thallium	205-1	0.92	0.90	0.92	0.91	1.33	ppb
Tin	118-1	4.61	4.65	4.60	4.62	0.52	ppb
Titanium	47-1	4.66	4.70	4.59	4.65	1.16	ppb
Uranium	238-1	0.91	0.94	0.93	0.92	1.73	ppb
Vanadium	51-2	4.70	4.72	4.56	4.66	1.79	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	2.28	2.29	2.26	2.28	0.72	ppb
Zirconium	90-1	0.79	0.78	0.83	0.80	3.47	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:51:26	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.81	0.86	0.85	3.61	ppb

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : I1448-05 Instrumnet Name : P7
 Client Sample ID : CHA-FB012417 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 12:58:13 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.09	15.90	8.48	12.16	30.51	ppb
Antimony	121-1	0.18	0.21	0.26	0.22	18.25	ppb
Arsenic	75-2	0.06	0.04	0.09	0.07	36.86	ppb
Barium	135-1	0.19	0.26	0.27	0.24	17.96	ppb
Barium	137-1	0.20	0.27	0.19	0.22	20.30	ppb
Beryllium	9-1	0.03	0.02	0.03	0.02	27.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.01	5.18	4.11	4.44	14.60	ppb
Boron	11-1	3.58	4.05	3.53	3.72	7.78	ppb
Cadmium	106-1	0.07	-2.59	-1.44	-1.32		ppb
Cadmium	108-1	-0.03	-0.02	-0.03	-0.02		ppb
Cadmium	111-1	0.00	-0.21	-0.12	-0.11		ppb
Calcium	43-1	83.72	79.96	81.15	81.61	2.35	ppb
Calcium	44-1	80.69	88.20	80.68	83.19	5.21	ppb
Chromium	52-2	0.19	0.24	0.23	0.22	12.37	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	60.50	ppb
Copper	63-2	0.82	0.79	0.84	0.82	3.10	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	28.05	29.05	28.34	28.48	1.81	ppb
Iron	57-2	28.55	26.53	27.16	27.41	3.78	ppb
Lead	206-1	0.02	0.01	0.04	0.02	58.26	ppb
Lead	207-1	0.03	0.03	0.02	0.03	20.78	ppb
Lead	208-1	0.03	0.03	0.03	0.03	7.75	ppb
Lithium	6-1						%
Magnesium	24-2	11.91	12.86	11.09	11.95	7.42	ppb
Manganese	55-2	0.43	0.39	0.41	0.41	5.18	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1448-05	Instrumnet Name :	P7
Client Sample ID :	CHA-FB012417	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:58:13	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.15	0.15	0.14	13.80	ppb
Molybdenum	95-1	0.31	0.37	0.37	0.35	9.73	ppb
Molybdenum	96-1	0.25	0.33	0.30	0.29	14.34	ppb
Molybdenum	97-1	0.32	0.42	0.40	0.38	14.86	ppb
Molybdenum	98-1	0.31	0.43	0.40	0.38	16.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.06	0.09	0.08	27.80	ppb
Phosphorus	31-2	-20.99	-2.86	-24.83	-16.23		ppb
Potassium	39-2	5.27	14.19	10.28	9.91	45.11	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.40	0.40	-0.22	0.19	188.76	ppb
Selenium	78-2	-0.68	0.05	-0.04	-0.22		ppb
Selenium	82-1	0.27	0.09	-0.02	0.11	131.68	ppb
Silicon	28-1	68.49	85.11	77.67	77.09	10.80	ppb
Silver	109-1	0.02	0.02	0.03	0.02	34.80	ppb
Silver	107-1	0.01	0.02	0.01	0.01	38.05	ppb
Sodium	23-2	339.02	335.59	333.27	335.96	0.86	ppb
Strontium	86-1	0.11	0.15	0.09	0.12	27.40	ppb
Strontium	88-1	0.19	0.16	0.15	0.17	10.19	ppb
Sulfur	34-1	-1884.95	-905.52	-1647.84	-1479.44		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.32	0.33	0.30	0.32	5.85	ppb
Titanium	47-1	0.17	6.21	2.21	2.86	107.12	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.06	0.04	0.05	17.00	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	3.55	3.68	3.51	3.58	2.49	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	45.25	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1448-05	Instrumnet Name :	P7
Client Sample ID :	CHA-FB012417	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:58:13	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.01	0.02	55.04	ppb

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : I1219-02 Instrumnet Name : P7
 Client Sample ID : WC011217-LIQUID-TOD Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 13:01:46 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14383.92	14314.68	14083.76	14260.79	1.10	ppb
Antimony	121-1	4.04	4.07	4.20	4.10	2.08	ppb
Arsenic	75-2	6.81	7.42	7.32	7.18	4.55	ppb
Barium	135-1	178.72	176.75	176.28	177.25	0.73	ppb
Barium	137-1	182.52	179.05	178.86	180.14	1.14	ppb
Beryllium	9-1	0.77	0.83	0.72	0.77	7.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	30.14	27.59	26.77	28.17	6.24	ppb
Boron	11-1	27.88	27.32	26.48	27.22	2.59	ppb
Cadmium	106-1	0.27	-0.48	0.90	0.23	298.71	ppb
Cadmium	108-1	1.36	1.01	0.83	1.07	24.97	ppb
Cadmium	111-1	0.24	0.26	0.35	0.28	20.42	ppb
Calcium	43-1	27500.65	27654.31	27689.19	27614.72	0.36	ppb
Calcium	44-1	28333.27	28125.60	28478.41	28312.43	0.63	ppb
Chromium	52-2	42.88	43.06	41.74	42.56	1.69	ppb
Cobalt	59-2	15.01	15.46	15.26	15.24	1.49	ppb
Copper	63-2	58.34	59.17	58.32	58.61	0.82	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	22812.65	22883.13	22400.84	22698.87	1.15	ppb
Iron	57-2	22476.35	22783.51	22352.86	22537.57	0.98	ppb
Lead	206-1	46.75	46.52	46.75	46.67	0.29	ppb
Lead	207-1	42.96	42.82	42.41	42.73	0.67	ppb
Lead	208-1	44.41	44.20	44.27	44.29	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	12986.00	13037.91	12931.86	12985.26	0.41	ppb
Manganese	55-2	681.04	685.87	681.30	682.74	0.40	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1219-02	Instrumnet Name :	P7
Client Sample ID :	WC011217-LIQUID-TOD	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:01:46	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	11.45	11.55	11.57	11.52	0.57	ppb
Molybdenum	95-1	25.00	25.29	24.66	24.98	1.26	ppb
Molybdenum	96-1	21.95	21.92	21.95	21.94	0.09	ppb
Molybdenum	97-1	25.48	25.01	24.91	25.13	1.20	ppb
Molybdenum	98-1	25.52	25.26	24.66	25.15	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.51	65.28	66.47	65.75	0.96	ppb
Phosphorus	31-2	422.33	380.64	437.95	413.64	7.16	ppb
Potassium	39-2	7426.81	7388.53	7310.21	7375.18	0.81	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	18.23	26.32	22.56	22.37	18.11	ppb
Selenium	78-2	4.49	4.01	5.49	4.66	16.13	ppb
Selenium	82-1	1.24	2.31	1.51	1.69	33.06	ppb
Silicon	28-1	22940.73	23001.09	22946.38	22962.73	0.15	ppb
Silver	109-1	1.07	0.97	0.85	0.96	11.20	ppb
Silver	107-1	1.02	0.95	0.90	0.96	6.43	ppb
Sodium	23-2	51821.97	52137.41	51652.56	51870.64	0.47	ppb
Strontium	86-1	103.65	102.98	102.52	103.05	0.55	ppb
Strontium	88-1	102.40	102.42	100.87	101.90	0.87	ppb
Sulfur	34-1	5718.56	5494.39	5248.71	5487.22	4.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.32	0.35	0.31	0.33	7.04	ppb
Thallium	205-1	0.31	0.34	0.33	0.33	4.99	ppb
Tin	118-1	4.37	4.42	4.32	4.37	1.10	ppb
Titanium	47-1	596.54	597.52	617.81	603.96	1.99	ppb
Uranium	238-1	1.49	1.46	1.46	1.47	1.09	ppb
Vanadium	51-2	34.66	34.70	34.70	34.69	0.06	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	122.52	122.32	121.46	122.10	0.46	ppb
Zirconium	90-1	5.55	5.51	5.65	5.57	1.28	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1219-02	Instrumnet Name :	P7
Client Sample ID :	WC011217-LIQUID-TOD	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:01:46	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.52	5.78	5.83	5.71	2.91	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1219-02DLX20	Instrumnet Name :	P7
Client Sample ID :	WC011217-LIQUID-TOD	Dilution Factor :	20
Date & Time Acquired ::	2017-01-27 13:05:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	707.39	711.82	719.46	712.89	0.86	ppb
Antimony	121-1	0.18	0.19	0.22	0.19	9.59	ppb
Arsenic	75-2	0.36	0.53	0.37	0.42	22.07	ppb
Barium	135-1	8.94	8.75	8.34	8.68	3.50	ppb
Barium	137-1	8.65	8.92	8.63	8.73	1.87	ppb
Beryllium	9-1	0.05	0.07	0.05	0.06	19.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.10	4.12	2.64	3.62	23.46	ppb
Boron	11-1	3.67	3.15	3.21	3.34	8.45	ppb
Cadmium	106-1	-0.94	-1.20	-0.81	-0.98		ppb
Cadmium	108-1	-0.02	-0.02	-0.02	-0.02		ppb
Cadmium	111-1	-0.06	-0.09	-0.04	-0.06		ppb
Calcium	43-1	1348.79	1380.56	1341.06	1356.80	1.54	ppb
Calcium	44-1	1421.13	1411.95	1397.09	1410.06	0.86	ppb
Chromium	52-2	2.06	2.05	2.02	2.04	0.89	ppb
Cobalt	59-2	0.74	0.70	0.75	0.73	3.31	ppb
Copper	63-2	5.48	5.51	5.57	5.52	0.82	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	1142.25	1147.32	1159.39	1149.65	0.77	ppb
Iron	57-2	1089.44	1109.61	1148.42	1115.82	2.69	ppb
Lead	206-1	2.24	2.17	2.24	2.22	1.86	ppb
Lead	207-1	2.04	2.08	2.07	2.07	1.04	ppb
Lead	208-1	2.09	2.11	2.12	2.11	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	638.28	637.72	634.78	636.93	0.30	ppb
Manganese	55-2	33.48	33.64	34.01	33.71	0.80	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1219-02DLX20	Instrumnet Name :	P7
Client Sample ID :	WC011217-LIQUID-TOD	Dilution Factor :	20
Date & Time Acquired ::	2017-01-27 13:05:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.64	0.62	0.56	0.61	6.58	ppb
Molybdenum	95-1	1.28	1.45	1.32	1.35	6.34	ppb
Molybdenum	96-1	1.19	1.21	1.26	1.22	2.95	ppb
Molybdenum	97-1	1.36	1.24	1.37	1.32	5.33	ppb
Molybdenum	98-1	1.32	1.36	1.38	1.35	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.00	3.17	3.30	3.16	4.66	ppb
Phosphorus	31-2	2.90	-9.98	-13.76	-6.95		ppb
Potassium	39-2	359.58	350.81	357.62	356.00	1.29	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.83	0.45	0.45	0.91	87.21	ppb
Selenium	78-2	-0.19	-1.24	0.11	-0.44		ppb
Selenium	82-1	-0.08	0.19	-0.21	-0.03		ppb
Silicon	28-1	1159.57	1164.97	1148.27	1157.60	0.74	ppb
Silver	109-1	0.10	0.08	0.09	0.09	10.64	ppb
Silver	107-1	0.08	0.09	0.06	0.07	15.91	ppb
Sodium	23-2	2584.90	2603.01	2603.26	2597.06	0.41	ppb
Strontium	86-1	5.17	5.11	5.06	5.11	1.06	ppb
Strontium	88-1	5.21	5.16	5.04	5.14	1.63	ppb
Sulfur	34-1	-1939.97	-1973.87	-1985.15	-1966.33		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	99.81	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	58.14	ppb
Tin	118-1	0.19	0.17	0.20	0.18	8.67	ppb
Titanium	47-1	28.64	28.49	28.92	28.69	0.76	ppb
Uranium	238-1	0.05	0.06	0.06	0.06	6.74	ppb
Vanadium	51-2	1.78	1.74	1.72	1.75	1.87	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	6.53	6.15	6.37	6.35	2.97	ppb
Zirconium	90-1	0.27	0.28	0.27	0.28	2.66	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1219-02DLX20	Instrumnet Name :	P7
Client Sample ID :	WC011217-LIQUID-TOD	Dilution Factor :	20
Date & Time Acquired ::	2017-01-27 13:05:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.29	0.24	0.27	8.85	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:08:53	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9944.93	9914.77	9796.64	9885.45	0.79	ppb
Antimony	121-1	492.45	486.09	485.74	488.09	0.77	ppb
Arsenic	75-2	491.67	496.85	500.21	496.25	0.87	ppb
Barium	135-1	2460.45	2445.16	2445.66	2450.42	0.35	ppb
Barium	137-1	2480.59	2461.51	2470.22	2470.77	0.39	ppb
Beryllium	9-1	496.10	492.96	499.03	496.03	0.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	474.18	480.81	495.94	483.64	2.31	ppb
Boron	11-1	475.72	489.30	491.08	485.37	1.73	ppb
Cadmium	106-1	495.86	494.86	488.54	493.08	0.81	ppb
Cadmium	108-1	493.39	490.56	497.09	493.68	0.66	ppb
Cadmium	111-1	498.27	496.04	496.92	497.07	0.23	ppb
Calcium	43-1	48095.15	48106.65	47998.69	48066.83	0.12	ppb
Calcium	44-1	47878.22	48031.84	48160.31	48023.46	0.29	ppb
Chromium	52-2	509.93	511.74	500.12	507.26	1.23	ppb
Cobalt	59-2	516.07	515.31	505.29	512.22	1.17	ppb
Copper	63-2	1040.35	1047.85	1021.28	1036.50	1.32	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	25915.08	25460.39	25238.65	25538.04	1.35	ppb
Iron	57-2	25805.46	25809.59	25109.76	25574.94	1.58	ppb
Lead	206-1	498.42	499.11	492.94	496.83	0.68	ppb
Lead	207-1	497.92	500.46	496.22	498.20	0.43	ppb
Lead	208-1	493.26	496.41	490.08	493.25	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	50503.76	50523.76	49257.78	50095.10	1.45	ppb
Manganese	55-2	1008.98	1005.46	988.26	1000.90	1.11	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:08:53	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	495.37	498.97	492.34	495.56	0.67	ppb
Molybdenum	95-1	495.64	501.22	491.80	496.22	0.95	ppb
Molybdenum	96-1	495.14	496.20	491.39	494.24	0.51	ppb
Molybdenum	97-1	494.55	497.74	493.08	495.12	0.48	ppb
Molybdenum	98-1	491.00	493.85	491.38	492.08	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.62	517.33	506.07	513.34	1.23	ppb
Phosphorus	31-2	10047.43	9827.93	10097.96	9991.11	1.44	ppb
Potassium	39-2	25530.53	25692.77	25426.31	25549.87	0.53	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	536.82	497.54	506.47	513.61	4.01	ppb
Selenium	78-2	498.04	502.35	488.21	496.20	1.46	ppb
Selenium	82-1	492.08	499.71	494.07	495.29	0.80	ppb
Silicon	28-1	614.69	624.05	623.34	620.69	0.84	ppb
Silver	109-1	500.16	497.83	503.75	500.58	0.59	ppb
Silver	107-1	500.15	497.45	495.47	497.69	0.47	ppb
Sodium	23-2	49933.46	49864.38	48585.16	49461.00	1.54	ppb
Strontium	86-1	475.68	479.48	477.27	477.48	0.40	ppb
Strontium	88-1	473.37	476.06	476.81	475.41	0.38	ppb
Sulfur	34-1	8899.29	9219.33	9087.71	9068.77	1.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	487.44	477.18	480.51	481.71	1.09	ppb
Thallium	205-1	489.77	479.48	487.47	485.57	1.11	ppb
Tin	118-1	493.17	487.72	485.92	488.94	0.77	ppb
Titanium	47-1	497.67	499.06	498.39	498.37	0.14	ppb
Uranium	238-1	485.83	489.55	487.73	487.70	0.38	ppb
Vanadium	51-2	507.70	509.86	494.62	504.06	1.64	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	958.45	963.88	941.28	954.53	1.24	ppb
Zirconium	90-1	489.84	497.09	494.58	493.84	0.75	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:08:53	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.25	499.99	493.33	496.19	0.69	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:14:39	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.16	0.16	0.16	1.47	ppb
Antimony	121-1	1.36	1.57	1.79	1.57	13.82	ppb
Arsenic	75-2	0.27	0.23	0.33	0.28	17.78	ppb
Barium	135-1	0.03	0.03	0.01	0.02	57.12	ppb
Barium	137-1	0.04	0.04	0.04	0.04	7.33	ppb
Beryllium	9-1	0.01	0.04	0.01	0.02	90.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.03	3.39	4.52	3.98	14.24	ppb
Boron	11-1	4.32	4.17	3.96	4.15	4.43	ppb
Cadmium	106-1	0.23	-0.83	-0.94	-0.51		ppb
Cadmium	108-1	-0.02	-0.09	-0.06	-0.06		ppb
Cadmium	111-1	0.02	-0.06	-0.07	-0.04		ppb
Calcium	43-1	-0.59	-0.63	-0.23	-0.49		ppb
Calcium	44-1	-2.81	-4.11	-2.10	-3.01		ppb
Chromium	52-2	0.00	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	1.03	1.00	0.98	1.01	2.31	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	1.23	1.20	1.20	1.21	1.41	ppb
Iron	57-2	0.91	1.01	0.89	0.93	7.18	ppb
Lead	206-1	0.04	0.06	0.05	0.05	16.40	ppb
Lead	207-1	0.03	0.04	0.05	0.04	31.89	ppb
Lead	208-1	0.05	0.05	0.05	0.05	8.31	ppb
Lithium	6-1						%
Magnesium	24-2	-0.04	0.48	-0.05	0.13	230.99	ppb
Manganese	55-2	-0.01	0.02	-0.01	0.00	4471.26	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:14:39	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.18	0.22	0.18	22.10	ppb
Molybdenum	95-1	0.35	0.49	0.58	0.47	24.02	ppb
Molybdenum	96-1	0.30	0.41	0.47	0.39	21.85	ppb
Molybdenum	97-1	0.31	0.44	0.50	0.42	22.74	ppb
Molybdenum	98-1	0.38	0.45	0.53	0.45	16.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	-24.24	-15.91	-18.40	-19.52		ppb
Potassium	39-2	-0.14	0.05	3.73	1.21	179.91	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.81	0.45	1.13	1.13	60.21	ppb
Selenium	78-2	-0.45	0.64	-0.47	-0.09		ppb
Selenium	82-1	0.01	0.43	0.34	0.26	84.90	ppb
Silicon	28-1	-12.31	-14.40	-12.70	-13.14		ppb
Silver	109-1	0.03	0.02	0.02	0.02	14.05	ppb
Silver	107-1	0.02	0.02	0.01	0.02	29.54	ppb
Sodium	23-2	20.23	18.55	16.78	18.52	9.30	ppb
Strontium	86-1	0.00	-0.02	-0.06	-0.02		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	48.90	ppb
Sulfur	34-1	-1434.09	-1533.06	-1419.73	-1462.30		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.01	0.02	27.93	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	33.28	ppb
Tin	118-1	0.18	0.24	0.24	0.22	15.40	ppb
Titanium	47-1	-0.02	0.04	0.08	0.03	150.67	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.10	0.10	0.11	0.10	3.26	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	16.26	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:14:39	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.08	0.06	34.21	ppb

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:33:36	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	17	22	43.28	cps
Antimony	121-1	42	33	33	36	13.33	cps
Arsenic	75-2	2	15	7	8	81.04	cps
Barium	135-1	33	33	42	36	13.33	cps
Barium	137-1	25	58	92	58	57.14	cps
Beryllium	9-1	11	22	17	17	33.33	cps
Bismuth	209-1	4022057	4059867	4058756	4046893	0.53	cps
Bismuth	209-2	2685235	2705343	2729906	2706828	0.83	cps
Boron	10-1	50	33	25	36	35.25	cps
Boron	11-1	217	250	258	242	9.12	cps
Cadmium	106-1	1875	1700	1767	1781	4.96	cps
Cadmium	108-1	25	4	4	11	108.21	cps
Cadmium	111-1	1299	1204	1246	1250	3.83	cps
Calcium	43-1	150	142	175	156	11.15	cps
Calcium	44-1	14182	14433	13924	14180	1.79	cps
Chromium	52-2	523	573	497	531	7.33	cps
Cobalt	59-2	123	127	110	120	7.35	cps
Copper	63-2	1677	1757	1647	1693	3.36	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	23	10	7	13	66.12	cps
Gadolinium	160-2	17	17	13	16	12.40	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Holmium	165-1	6549619	6660866	6703119	6637868	1.19	cps
Holmium	165-2	3682836	3701685	3723782	3702768	0.55	cps
Indium	115-2	1099809	1115706	1125395	1113637	1.16	cps
Indium	115-1	5341183	5315151	5357075	5337803	0.40	cps
Iron	56-2	3056	2984	3406	3149	7.17	cps
Iron	57-2	61	89	67	72	20.35	cps
Lead	206-1	500	494	550	515	5.94	cps
Lead	207-1	489	411	439	446	8.83	cps
Lead	208-1	1967	1945	1939	1950	0.75	cps
Lithium	6-1	308588	306522	309391	308167	0.48	cps
Magnesium	24-2	175	175	233	194	17.32	cps
Manganese	55-2	90	130	63	94	35.53	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:33:36	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	117	142	50	103	46.11	cps
Molybdenum	98-1	158	150	175	161	7.90	cps
Molybdenum	94-1	217	150	200	189	18.37	cps
Molybdenum	95-1	108	125	92	108	15.39	cps
Molybdenum	96-1	158	200	125	161	23.32	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	63	63	60	9.62	cps
Phosphorus	31-2	192	275	217	228	18.77	cps
Potassium	39-2	29806	30090	29563	29820	0.88	cps
Rhodium	103-1	5098486	5082982	5121081	5100850	0.38	cps
Rhodium	103-2	2671904	2695394	2712359	2693219	0.75	cps
Scandium	45-2	180539	183765	184666	182990	1.19	cps
Scandium	45-1	3619498	3636564	3635202	3630421	0.26	cps
Selenium	82-1	71	17	-100	-4	-2237.90	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	81	74	65	73	11.36	cps
Silicon	28-1	723036	713677	720343	719019	0.67	cps
Silver	107-1	42	50	67	53	24.12	cps
Silver	109-1	17	25	17	19	24.73	cps
Sodium	23-2	16593	16543	16501	16546	0.28	cps
Strontium	86-1	783	850	792	808	4.49	cps
Strontium	88-1	100	125	133	119	14.52	cps
Sulfur	34-1	415087	415868	412892	414616	0.37	cps
Terbium	159-1	6941580	6992272	7007501	6980451	0.49	cps
Terbium	159-2	3675691	3726243	3758096	3720010	1.12	cps
Thallium	203-1	75	83	83	81	5.98	cps
Thallium	205-1	208	292	233	244	17.49	cps
Tin	118-1	917	808	792	839	8.09	cps
Titanium	47-1	142	150	67	119	38.42	cps
Uranium	238-1	233	383	425	347	29.03	cps
Vanadium	51-2	20	7	30	19	61.96	cps
Yttrium	89-2	932157	938706	952106	940990	1.08	cps
Yttrium	89-1	6048481	6021836	6124072	6064796	0.87	cps
Zinc	66-2	87	97	73	86	13.69	cps
Zirconium	90-1	358	417	292	356	17.59	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:33:36	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	100	100	97	4.95	cps

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 11:41:23 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1642	1500	1489	10.65	cps
Antimony	121-1	13632	13382	14366	13793	3.71	cps
Arsenic	75-2	304	276	300	293	5.14	cps
Barium	135-1	17103	17386	16761	17083	1.83	cps
Barium	137-1	30493	30067	30084	30214	0.80	cps
Beryllium	9-1	783	778	739	767	3.16	cps
Bismuth	209-2	2692956	2708946	2706749	2702883	0.32	cps
Bismuth	209-1	4047589	4053937	4083168	4061564	0.47	cps
Boron	10-1	2934	3009	2800	2914	3.62	cps
Boron	11-1	16193	15725	15458	15792	2.35	cps
Cadmium	111-1	3078	3003	3043	3041	1.24	cps
Cadmium	106-1	1959	2009	1967	1978	1.35	cps
Cadmium	108-1	121	100	108	110	9.56	cps
Calcium	43-1	11305	10796	10621	10907	3.26	cps
Calcium	44-1	184396	187374	185398	185723	0.82	cps
Chromium	52-2	5848	5905	5671	5808	2.10	cps
Cobalt	59-2	4101	4161	4267	4176	2.02	cps
Copper	63-2	7555	7785	7739	7693	1.58	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Erbium	164-1	42	58	58	53	18.23	cps
Erbium	164-2	17	23	20	20	16.65	cps
Gadolinium	160-2	17	17	13	16	12.40	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Holmium	165-1	6536459	6551843	6671607	6586636	1.12	cps
Holmium	165-2	3686997	3732246	3704916	3708053	0.61	cps
Indium	115-2	1105776	1124372	1109118	1113089	0.89	cps
Indium	115-1	5424099	5360575	5399041	5394572	0.59	cps
Iron	56-2	105046	103792	106092	104976	1.10	cps
Iron	57-2	2745	2489	2584	2606	4.96	cps
Lead	206-1	5585	5390	5307	5427	2.63	cps
Lead	207-1	5362	5001	5023	5129	3.95	cps
Lead	208-1	22408	22303	22230	22313	0.40	cps
Lithium	6-1	312981	314301	315810	314364	0.45	cps
Magnesium	24-2	90765	90649	90766	90727	0.07	cps
Manganese	55-2	1383	1580	1403	1456	7.44	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:41:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12981	13198	12956	13045	1.02	cps
Molybdenum	95-1	17470	17753	16560	17261	3.61	cps
Molybdenum	96-1	18679	18821	19272	18924	1.64	cps
Molybdenum	97-1	10563	10488	10996	10682	2.57	cps
Molybdenum	98-1	27202	27127	28087	27472	1.94	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1150	1280	1123	1185	7.08	cps
Phosphorus	31-2	358	275	383	339	16.74	cps
Potassium	39-2	115169	116420	114455	115348	0.86	cps
Rhodium	103-2	2701358	2725344	2704002	2710235	0.49	cps
Rhodium	103-1	5106420	5109801	5102801	5106340	0.07	cps
Scandium	45-1	3616796	3661955	3674543	3651098	0.83	cps
Scandium	45-2	180792	182577	180858	181409	0.56	cps
Selenium	77-2	23	30	10	21	48.24	cps
Selenium	78-2	159	185	135	160	15.64	cps
Selenium	82-1	481	560	527	523	7.56	cps
Silicon	28-1	742122	747436	744844	744801	0.36	cps
Silver	109-1	7452	7636	7978	7689	3.47	cps
Silver	107-1	7852	8611	7961	8142	5.04	cps
Sodium	23-2	187114	184244	186226	185861	0.79	cps
Strontium	86-1	3334	3009	3059	3134	5.59	cps
Strontium	88-1	21175	21175	20883	21077	0.80	cps
Sulfur	34-1	419008	417028	416157	417397	0.35	cps
Terbium	159-1	6944481	6949691	6979716	6957963	0.27	cps
Terbium	159-2	3694126	3731843	3721783	3715917	0.53	cps
Thallium	203-1	5918	6619	6093	6210	5.87	cps
Thallium	205-1	15234	15218	14433	14962	3.06	cps
Tin	118-1	28789	27954	29432	28725	2.58	cps
Titanium	47-1	5193	5376	5209	5259	1.93	cps
Uranium	238-1	23388	22303	23080	22924	2.44	cps
Vanadium	51-2	10694	10370	10577	10547	1.55	cps
Yttrium	89-2	940277	943358	941551	941729	0.16	cps
Yttrium	89-1	6091180	6142712	6128445	6120779	0.43	cps
Zinc	66-2	870	970	1013	951	7.73	cps
Zirconium	90-1	10588	9920	9478	9996	5.59	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:41:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2109	2009	2117	2078	2.90	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:45:17	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74243	76061	75030	75111	1.21	cps
Antimony	121-1	295878	290039	285000	290306	1.88	cps
Arsenic	75-2	14528	14470	14365	14454	0.57	cps
Barium	135-1	448527	443365	444522	445472	0.61	cps
Barium	137-1	785036	772647	775277	777653	0.84	cps
Beryllium	9-1	40839	40209	39914	40321	1.17	cps
Bismuth	209-1	4064274	4036280	4028566	4043040	0.46	cps
Bismuth	209-2	2456401	2707912	2709700	2624671	5.55	cps
Boron	10-1	6176	6235	6177	6196	0.54	cps
Boron	11-1	33638	32828	33697	33388	1.45	cps
Cadmium	106-1	11405	11071	11472	11316	1.90	cps
Cadmium	108-1	6402	6577	6368	6449	1.74	cps
Cadmium	111-1	88146	86968	88220	87778	0.80	cps
Calcium	43-1	112358	111308	111879	111848	0.47	cps
Calcium	44-1	1824574	1822692	1811194	1819487	0.40	cps
Chromium	52-2	133717	135452	133733	134300	0.74	cps
Cobalt	59-2	214787	214507	216157	215150	0.41	cps
Copper	63-2	303484	301802	304417	303234	0.44	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	13	13	27	18	43.33	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Gadolinium	160-1	25	42	58	42	40.00	cps
Holmium	165-1	6566620	6525154	6564528	6552101	0.36	cps
Holmium	165-2	3383490	3708028	3727971	3606496	5.36	cps
Indium	115-2	1012102	1114976	1116312	1081130	5.53	cps
Indium	115-1	5311056	5291415	5315473	5305981	0.24	cps
Iron	56-2	5143181	5190765	5159680	5164542	0.47	cps
Iron	57-2	131270	130969	130989	131076	0.13	cps
Lead	206-1	260244	256967	256911	258041	0.74	cps
Lead	207-1	235667	236532	234108	235435	0.52	cps
Lead	208-1	1055817	1057062	1049272	1054050	0.40	cps
Lithium	6-1	313381	310091	318019	313830	1.27	cps
Magnesium	24-2	936271	935183	942637	938030	0.43	cps
Manganese	55-2	140775	140810	142256	141280	0.60	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:45:17	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	343367	341193	337388	340649	0.89	cps
Molybdenum	95-1	184001	181027	181083	182037	0.93	cps
Molybdenum	96-1	233735	234254	229771	232587	1.05	cps
Molybdenum	97-1	114910	114692	112333	113978	1.25	cps
Molybdenum	98-1	293354	290301	287469	290374	1.01	cps
Neodymium	150-1	40	33	27	33	20.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	56907	55903	56351	56387	0.89	cps
Phosphorus	31-2	4142	4484	4317	4315	3.96	cps
Potassium	39-2	480919	480465	479565	480316	0.14	cps
Rhodium	103-1	5047995	5063007	5044340	5051781	0.20	cps
Rhodium	103-2	2455822	2703147	2707122	2622030	5.49	cps
Scandium	45-1	3630212	3652589	3631139	3637980	0.35	cps
Scandium	45-2	167722	183774	184294	178597	5.28	cps
Selenium	82-1	5498	5415	5382	5431	1.10	cps
Selenium	77-2	240	167	263	223	22.59	cps
Selenium	78-2	859	872	943	891	5.03	cps
Silicon	28-1	943522	946906	951539	947322	0.42	cps
Silver	109-1	414800	410163	411417	412127	0.58	cps
Silver	107-1	433825	434947	432091	433621	0.33	cps
Sodium	23-2	1822517	1823539	1819969	1822008	0.10	cps
Strontium	86-1	135241	135417	135384	135347	0.07	cps
Strontium	88-1	1160222	1158518	1154792	1157844	0.24	cps
Sulfur	34-1	447881	450414	447760	448685	0.33	cps
Terbium	159-1	6904365	6882813	6864780	6883986	0.29	cps
Terbium	159-2	3400752	3746689	3745239	3630894	5.49	cps
Thallium	203-1	316967	316176	317928	317024	0.28	cps
Thallium	205-1	764357	761394	754756	760169	0.65	cps
Tin	118-1	294364	290505	293128	292666	0.67	cps
Titanium	47-1	55606	53314	55347	54756	2.29	cps
Uranium	238-1	1150134	1131780	1143495	1141803	0.81	cps
Vanadium	51-2	110003	111873	110734	110870	0.85	cps
Yttrium	89-1	6049936	6070266	5965253	6028485	0.92	cps
Yttrium	89-2	862429	940312	945409	916050	5.08	cps
Zinc	66-2	37919	38203	38056	38060	0.37	cps
Zirconium	90-1	659451	652270	651171	654297	0.69	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:45:17	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	145634	147856	144370	145954	1.21	cps

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 11:49:11 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183428	187317	187907	186217	1.31	cps
Antimony	121-1	864457	853453	857976	858629	0.64	cps
Arsenic	75-2	35961	36020	35504	35829	0.79	cps
Barium	135-1	1129057	1123425	1137139	1129874	0.61	cps
Barium	137-1	1974921	1951627	1966321	1964290	0.60	cps
Beryllium	9-1	102812	100352	101522	101562	1.21	cps
Bismuth	209-1	4097347	4059962	4105509	4087606	0.59	cps
Bismuth	209-2	2692969	2734970	2715515	2714485	0.77	cps
Boron	10-1	15650	15984	15909	15848	1.10	cps
Boron	11-1	84905	83573	85091	84523	0.98	cps
Cadmium	106-1	26927	25532	25015	25824	3.83	cps
Cadmium	108-1	16260	16055	16756	16357	2.20	cps
Cadmium	111-1	224689	218828	218352	220623	1.60	cps
Calcium	43-1	284482	279426	284055	282654	0.99	cps
Calcium	44-1	4579501	4553604	4590574	4574560	0.41	cps
Chromium	52-2	333847	337799	337277	336307	0.64	cps
Cobalt	59-2	533640	536072	533469	534394	0.27	cps
Copper	63-2	756112	760765	750115	755664	0.71	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Dysprosium	156-1	50	42	0	31	87.67	cps
Erbium	164-1	42	8	8	19	99.00	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-2	30	20	37	29	29.04	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Holmium	165-2	3743329	3764676	3770241	3759415	0.38	cps
Holmium	165-1	6674083	6569859	6549199	6597714	1.01	cps
Indium	115-1	5379008	5264453	5363217	5335560	1.16	cps
Indium	115-2	1106193	1112356	1117905	1112151	0.53	cps
Iron	56-2	12777175	12885468	12742270	12801638	0.58	cps
Iron	57-2	327186	327645	325694	326842	0.31	cps
Lead	206-1	663285	646182	655845	655104	1.31	cps
Lead	207-1	598208	592198	597616	596007	0.56	cps
Lead	208-1	2682877	2638538	2668623	2663346	0.85	cps
Lithium	6-1	322398	319301	321716	321138	0.51	cps
Magnesium	24-2	2334467	2331480	2337673	2334540	0.13	cps
Manganese	55-2	354830	353720	354878	354476	0.18	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:49:11	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	889516	873345	883470	882110	0.93	cps
Molybdenum	95-1	474925	460644	469994	468521	1.55	cps
Molybdenum	96-1	603463	596911	595263	598546	0.72	cps
Molybdenum	97-1	292779	288387	291173	290780	0.76	cps
Molybdenum	98-1	753587	746689	747362	749213	0.51	cps
Neodymium	150-1	60	53	60	58	6.65	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	141791	140394	141501	141228	0.52	cps
Phosphorus	31-2	10146	10846	10979	10657	4.20	cps
Potassium	39-2	1161411	1159050	1161220	1160560	0.11	cps
Rhodium	103-2	2671871	2688314	2698315	2686167	0.50	cps
Rhodium	103-1	5112902	5058795	5080323	5084007	0.54	cps
Scandium	45-1	3713052	3637330	3663275	3671219	1.05	cps
Scandium	45-2	184645	184027	184183	184285	0.17	cps
Selenium	77-2	640	547	673	620	10.59	cps
Selenium	78-2	2130	2297	2219	2215	3.77	cps
Selenium	82-1	13991	13865	13754	13870	0.86	cps
Silicon	28-1	1300943	1297833	1297719	1298832	0.14	cps
Silver	109-1	1055308	1049783	1053097	1052729	0.26	cps
Silver	107-1	1101211	1093425	1100129	1098255	0.38	cps
Sodium	23-2	4480615	4488917	4482370	4483967	0.10	cps
Strontium	86-1	341486	334100	340143	338576	1.16	cps
Strontium	88-1	2959716	2902067	2945984	2935922	1.03	cps
Sulfur	34-1	492594	488044	489335	489991	0.48	cps
Terbium	159-1	7034856	6914193	7033142	6994064	0.99	cps
Terbium	159-2	3756323	3766487	3764175	3762329	0.14	cps
Thallium	203-1	805490	796932	806906	803109	0.67	cps
Thallium	205-1	1944704	1904168	1926273	1925049	1.05	cps
Tin	118-1	747315	748764	746831	747636	0.13	cps
Titanium	47-1	137947	134257	136694	136299	1.38	cps
Uranium	238-1	2898324	2894743	2905404	2899490	0.19	cps
Vanadium	51-2	278415	276390	279071	277959	0.50	cps
Yttrium	89-2	944489	949544	953875	949303	0.49	cps
Yttrium	89-1	6106088	6025915	6095979	6075994	0.72	cps
Zinc	66-2	95184	96335	96023	95847	0.62	cps
Zirconium	90-1	1683494	1670635	1687470	1680533	0.52	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:49:11	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	376273	374599	380432	377102	0.80	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:53:02	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367070	370545	366260	367958	0.62	cps
Antimony	121-1	1775423	1786490	1743823	1768579	1.25	cps
Arsenic	75-2	70836	70949	71357	71047	0.39	cps
Barium	135-1	2231811	2245929	2219092	2232277	0.60	cps
Barium	137-1	3883305	3917242	3898131	3899559	0.44	cps
Beryllium	9-1	199733	202630	203829	202064	1.04	cps
Bismuth	209-1	4049870	4033437	4035321	4039543	0.22	cps
Bismuth	209-2	2645019	2632218	2664626	2647288	0.62	cps
Boron	10-1	30807	30682	31384	30958	1.21	cps
Boron	11-1	165152	169709	169280	168047	1.50	cps
Cadmium	106-1	49011	50842	49655	49836	1.86	cps
Cadmium	108-1	31740	33014	31552	32102	2.48	cps
Cadmium	111-1	436657	438957	435077	436897	0.45	cps
Calcium	43-1	559846	559947	560016	559936	0.02	cps
Calcium	44-1	8999295	9056942	9029588	9028608	0.32	cps
Chromium	52-2	655392	652996	660579	656322	0.59	cps
Cobalt	59-2	1044860	1048595	1051495	1048317	0.32	cps
Copper	63-2	1470061	1473102	1475521	1472895	0.19	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Dysprosium	156-1	50	33	8	31	68.64	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-2	23	20	13	19	26.96	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Holmium	165-2	3682711	3677581	3708244	3689512	0.45	cps
Holmium	165-1	6678930	6606558	6592898	6626128	0.70	cps
Indium	115-1	5273575	5286528	5250783	5270296	0.34	cps
Indium	115-2	1085173	1086977	1095417	1089189	0.50	cps
Iron	56-2	25381012	25098837	25119120	25199656	0.62	cps
Iron	57-2	641334	641304	640808	641149	0.05	cps
Lead	206-1	1271001	1295593	1282210	1282935	0.96	cps
Lead	207-1	1171083	1175299	1173098	1173160	0.18	cps
Lead	208-1	5217040	5257676	5231252	5235323	0.39	cps
Lithium	6-1	316403	315313	322108	317941	1.15	cps
Magnesium	24-2	4564359	4581254	4630247	4591953	0.75	cps
Manganese	55-2	690521	693088	691990	691866	0.19	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:53:02	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1744767	1747045	1761171	1750994	0.51	cps
Molybdenum	95-1	933789	923877	932049	929905	0.57	cps
Molybdenum	96-1	1190353	1186949	1198697	1192000	0.51	cps
Molybdenum	97-1	584962	582669	581018	582883	0.34	cps
Molybdenum	98-1	1476855	1502104	1484976	1487978	0.87	cps
Neodymium	150-1	147	120	133	133	10.00	cps
Neodymium	150-2	0	20	13	11	91.66	cps
Nickel	60-2	273538	276177	278707	276141	0.94	cps
Phosphorus	31-2	20089	20832	20189	20370	1.98	cps
Potassium	39-2	2232106	2267469	2259004	2252860	0.82	cps
Rhodium	103-2	2624662	2632862	2650071	2635865	0.49	cps
Rhodium	103-1	4989690	5066329	5027052	5027691	0.76	cps
Scandium	45-1	3678545	3664563	3639657	3660922	0.54	cps
Scandium	45-2	182269	183329	182884	182827	0.29	cps
Selenium	77-2	1283	1247	1203	1245	3.22	cps
Selenium	78-2	4258	4366	4395	4340	1.66	cps
Selenium	82-1	26980	27625	27308	27304	1.18	cps
Silicon	28-1	1866247	1852337	1862150	1860245	0.38	cps
Silver	109-1	2064410	2069956	2063340	2065902	0.17	cps
Silver	107-1	2156301	2157228	2154577	2156035	0.06	cps
Sodium	23-2	8829801	8795825	8934863	8853496	0.82	cps
Strontium	86-1	667506	670889	669185	669193	0.25	cps
Strontium	88-1	5790084	5847524	5810229	5815946	0.50	cps
Sulfur	34-1	562633	566898	563758	564429	0.39	cps
Terbium	159-1	6955561	7026522	6895514	6959199	0.94	cps
Terbium	159-2	3696814	3691316	3728078	3705403	0.54	cps
Thallium	203-1	1582226	1593462	1577805	1584498	0.51	cps
Thallium	205-1	3750812	3825154	3775889	3783952	1.00	cps
Tin	118-1	1473899	1476266	1469540	1473235	0.23	cps
Titanium	47-1	270266	272287	271904	271486	0.40	cps
Uranium	238-1	5765536	5771078	5790884	5775833	0.23	cps
Vanadium	51-2	546964	548480	549135	548193	0.20	cps
Yttrium	89-2	929071	932165	934155	931797	0.27	cps
Yttrium	89-1	6018475	6152945	6143017	6104812	1.23	cps
Zinc	66-2	186308	184918	187115	186114	0.60	cps
Zirconium	90-1	3311356	3357200	3329095	3332550	0.69	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:53:02	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	742691	752241	747907	747613	0.64	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:56:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	739857	725874	732446	732726	0.95	cps
Antimony	121-1	3627831	3595879	3541557	3588423	1.22	cps
Arsenic	75-2	142115	142759	142295	142390	0.23	cps
Barium	135-1	4480857	4469916	4452271	4467681	0.32	cps
Barium	137-1	7748834	7684583	7753201	7728873	0.50	cps
Beryllium	9-1	404642	400964	403287	402965	0.46	cps
Bismuth	209-1	4035960	4019402	4029183	4028182	0.21	cps
Bismuth	209-2	2629868	2649860	2652662	2644130	0.47	cps
Boron	10-1	61410	60062	63643	61705	2.93	cps
Boron	11-1	333041	336982	345248	338424	1.84	cps
Cadmium	106-1	97652	97703	97023	97459	0.39	cps
Cadmium	108-1	64316	63843	64772	64310	0.72	cps
Cadmium	111-1	859658	867718	861640	863006	0.49	cps
Calcium	43-1	1129937	1115566	1120788	1122097	0.65	cps
Calcium	44-1	17989613	17920683	18017680	17975992	0.28	cps
Chromium	52-2	1315341	1314454	1324159	1317984	0.41	cps
Cobalt	59-2	2078122	2092359	2096508	2088996	0.46	cps
Copper	63-2	2894430	2883293	2906086	2894603	0.39	cps
Dysprosium	156-2	20	17	27	21	24.12	cps
Dysprosium	156-1	83	100	58	81	26.03	cps
Erbium	164-1	25	33	17	25	33.34	cps
Erbium	164-2	10	7	20	12	56.76	cps
Gadolinium	160-2	13	23	30	22	37.76	cps
Gadolinium	160-1	83	17	42	47	71.32	cps
Holmium	165-2	3722327	3721342	3740134	3727934	0.28	cps
Holmium	165-1	6614064	6632003	6553539	6599869	0.62	cps
Indium	115-1	5182829	5288835	5228097	5233254	1.02	cps
Indium	115-2	1083883	1086087	1081326	1083765	0.22	cps
Iron	56-2	49968807	49933558	50029943	49977436	0.10	cps
Iron	57-2	1269697	1277795	1276921	1274804	0.35	cps
Lead	206-1	2526507	2531510	2526203	2528074	0.12	cps
Lead	207-1	2327566	2328170	2324746	2326827	0.08	cps
Lead	208-1	10375845	10375676	10366570	10372697	0.05	cps
Lithium	6-1	322672	317777	315338	318596	1.17	cps
Magnesium	24-2	9139842	8899006	9155775	9064874	1.59	cps
Manganese	55-2	1381785	1380929	1386097	1382937	0.20	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:56:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3519652	3494284	3510945	3508294	0.37	cps
Molybdenum	95-1	1876007	1853675	1862770	1864151	0.60	cps
Molybdenum	96-1	2406297	2377606	2380674	2388192	0.66	cps
Molybdenum	97-1	1168887	1156232	1162579	1162566	0.54	cps
Molybdenum	98-1	2996154	2984338	2973689	2984727	0.38	cps
Neodymium	150-1	233	287	273	264	10.50	cps
Neodymium	150-2	23	13	13	17	34.65	cps
Nickel	60-2	545583	547790	547849	547074	0.24	cps
Phosphorus	31-2	41400	41082	42587	41690	1.90	cps
Potassium	39-2	4510427	4489052	4471616	4490365	0.43	cps
Rhodium	103-2	2610383	2626621	2620812	2619272	0.31	cps
Rhodium	103-1	5028672	4976836	5023879	5009796	0.57	cps
Scandium	45-1	3711363	3670704	3686438	3689502	0.56	cps
Scandium	45-2	183093	182353	184735	183394	0.66	cps
Selenium	77-2	2524	2600	2534	2552	1.63	cps
Selenium	78-2	8558	8653	8575	8595	0.59	cps
Selenium	82-1	55261	55250	54857	55122	0.42	cps
Silicon	28-1	3005063	3017810	3014541	3012471	0.22	cps
Silver	109-1	4059754	4061295	4057023	4059357	0.05	cps
Silver	107-1	4250301	4214869	4263130	4242767	0.59	cps
Sodium	23-2	17563404	17650852	17717165	17643807	0.44	cps
Strontium	86-1	1335526	1336978	1345900	1339468	0.42	cps
Strontium	88-1	11563747	11579776	11598834	11580786	0.15	cps
Sulfur	34-1	733958	732890	730269	732372	0.26	cps
Terbium	159-1	6912773	6975938	6921507	6936739	0.49	cps
Terbium	159-2	3734213	3741542	3745366	3740374	0.15	cps
Thallium	203-1	3134256	3147810	3156416	3146161	0.36	cps
Thallium	205-1	7549439	7522690	7550850	7540993	0.21	cps
Tin	118-1	2939382	2950085	2919337	2936268	0.53	cps
Titanium	47-1	547949	537488	550803	545413	1.29	cps
Uranium	238-1	11499911	11484770	11448006	11477562	0.23	cps
Vanadium	51-2	1098227	1105184	1109929	1104447	0.53	cps
Yttrium	89-2	943185	942675	939222	941694	0.23	cps
Yttrium	89-1	6055792	6062579	6026727	6048366	0.31	cps
Zinc	66-2	368430	369395	369544	369123	0.16	cps
Zirconium	90-1	6687023	6682989	6707092	6692368	0.19	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 11:56:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1494483	1493758	1487015	1491752	0.28	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:00:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1482655	1493302	1489912	1488623	0.37	cps
Antimony	121-1	7332219	7292804	7289330	7304784	0.33	cps
Arsenic	75-2	288871	291774	290525	290390	0.50	cps
Barium	135-1	9113356	8999236	9080425	9064339	0.65	cps
Barium	137-1	15533788	15397480	15478971	15470079	0.44	cps
Beryllium	9-1	784907	785252	782205	784121	0.21	cps
Bismuth	209-1	3953354	3924144	3959113	3945537	0.48	cps
Bismuth	209-2	2620482	2643799	2639039	2634440	0.47	cps
Boron	10-1	122695	123846	124164	123568	0.63	cps
Boron	11-1	654945	668951	670919	664939	1.31	cps
Cadmium	106-1	191307	191410	191308	191341	0.03	cps
Cadmium	108-1	126567	124403	124726	125232	0.93	cps
Cadmium	111-1	1697844	1689312	1695205	1694120	0.26	cps
Calcium	43-1	2245393	2240858	2226203	2237485	0.45	cps
Calcium	44-1	36139588	35656900	35677969	35824819	0.76	cps
Chromium	52-2	2632565	2667886	2655573	2652008	0.68	cps
Cobalt	59-2	4117341	4171389	4153954	4147561	0.67	cps
Copper	63-2	5688461	5704434	5752988	5715294	0.59	cps
Dysprosium	156-2	13	20	23	19	26.96	cps
Dysprosium	156-1	133	158	108	133	18.75	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	20	20	20	20	0.00	cps
Gadolinium	160-2	50	37	13	33	55.68	cps
Gadolinium	160-1	42	75	83	67	33.07	cps
Holmium	165-2	3763720	3764808	3779532	3769353	0.23	cps
Holmium	165-1	6702755	6700996	6714350	6706033	0.11	cps
Indium	115-1	5183132	5164053	5146156	5164447	0.36	cps
Indium	115-2	1068741	1075592	1080144	1074826	0.53	cps
Iron	56-2	100344472	100562469	100116244	100341062	0.22	cps
Iron	57-2	2550187	2580244	2567430	2565954	0.59	cps
Lead	206-1	5008714	4975693	4960108	4981505	0.50	cps
Lead	207-1	4593170	4568576	4587791	4583179	0.28	cps
Lead	208-1	20671324	20541473	20532518	20581771	0.38	cps
Lithium	6-1	313033	311639	315389	313354	0.60	cps
Magnesium	24-2	18338306	18385419	18320286	18348004	0.18	cps
Manganese	55-2	2766284	2793155	2786642	2782027	0.50	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:00:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7013897	7018685	7027961	7020181	0.10	cps
Molybdenum	95-1	3714836	3715715	3733784	3721445	0.29	cps
Molybdenum	96-1	4835439	4799278	4816021	4816913	0.38	cps
Molybdenum	97-1	2361274	2356692	2331611	2349859	0.68	cps
Molybdenum	98-1	6018712	6041486	6073716	6044638	0.46	cps
Neodymium	150-1	407	453	480	447	8.31	cps
Neodymium	150-2	63	33	40	46	34.59	cps
Nickel	60-2	1079379	1094906	1090751	1088345	0.74	cps
Phosphorus	31-2	82604	84405	82603	83204	1.25	cps
Potassium	39-2	9082030	9082054	8970094	9044726	0.71	cps
Rhodium	103-2	2616582	2634500	2617472	2622851	0.38	cps
Rhodium	103-1	4928684	4909144	4920128	4919319	0.20	cps
Scandium	45-1	3701853	3677681	3670398	3683311	0.45	cps
Scandium	45-2	188935	190727	190578	190080	0.52	cps
Selenium	77-2	4881	5041	5168	5030	2.86	cps
Selenium	78-2	16940	17255	17399	17198	1.37	cps
Selenium	82-1	110167	109720	109500	109796	0.31	cps
Silicon	28-1	4210717	4243772	4228276	4227588	0.39	cps
Silver	109-1	8054932	7905520	8027491	7995981	0.99	cps
Silver	107-1	8447666	8357401	8342450	8382506	0.68	cps
Sodium	23-2	35752838	35611600	35631622	35665353	0.21	cps
Strontium	86-1	2674548	2667522	2671839	2671303	0.13	cps
Strontium	88-1	23198665	23043752	23108517	23116978	0.34	cps
Sulfur	34-1	1069342	1068683	1068021	1068682	0.06	cps
Terbium	159-1	7027754	6951370	6941023	6973383	0.68	cps
Terbium	159-2	3759103	3793182	3752225	3768170	0.58	cps
Thallium	203-1	6376944	6316507	6314266	6335906	0.56	cps
Thallium	205-1	15147995	15079097	15089246	15105446	0.25	cps
Tin	118-1	5947945	5939598	5910650	5932731	0.33	cps
Titanium	47-1	1097474	1087797	1092058	1092443	0.44	cps
Uranium	238-1	23060311	22730579	22676406	22822432	0.91	cps
Vanadium	51-2	2222198	2251290	2236111	2236533	0.65	cps
Yttrium	89-2	952087	961474	948181	953914	0.72	cps
Yttrium	89-1	6193914	6067196	6072914	6111341	1.17	cps
Zinc	66-2	859092	869919	866821	865277	0.64	cps
Zirconium	90-1	13588655	13543841	13609891	13580796	0.25	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:00:36	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2970307	2968380	2982039	2973575	0.25	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:04:13	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7300780	7330781	7440767	7357443	1.00	cps
Antimony	121-1	29632	33859	35462	32984	9.13	cps
Arsenic	75-2	557	526	563	549	3.64	cps
Barium	135-1	3376	3175	2900	3150	7.57	cps
Barium	137-1	5760	5643	5601	5668	1.45	cps
Beryllium	9-1	133	172	167	157	13.36	cps
Bismuth	209-1	3577475	3602382	3599776	3593211	0.38	cps
Bismuth	209-2	2375645	2401672	2423252	2400190	0.99	cps
Boron	10-1	2292	2084	1800	2059	11.99	cps
Boron	11-1	11889	10938	10838	11221	5.17	cps
Cadmium	106-1	1634	2067	1734	1811	12.53	cps
Cadmium	108-1	46	71	38	51	33.76	cps
Cadmium	111-1	1599	1826	1600	1675	7.83	cps
Calcium	43-1	11223999	11545153	11484708	11417953	1.49	cps
Calcium	44-1	180721012	184268433	181530608	182173351	1.02	cps
Chromium	52-2	77915	78450	78029	78131	0.36	cps
Cobalt	59-2	5838	5685	5621	5715	1.95	cps
Copper	63-2	10334	10624	10194	10384	2.11	cps
Dysprosium	156-2	43	63	50	52	19.50	cps
Dysprosium	156-1	117	183	92	131	36.30	cps
Erbium	164-1	100	25	25	50	86.60	cps
Erbium	164-2	23	33	23	27	21.65	cps
Gadolinium	160-2	60	53	70	61	13.73	cps
Gadolinium	160-1	83	100	83	89	10.83	cps
Holmium	165-2	3588183	3612353	3642386	3614307	0.75	cps
Holmium	165-1	6420444	6432930	6439143	6430839	0.15	cps
Indium	115-1	4978339	4976595	5004303	4986412	0.31	cps
Indium	115-2	1054414	1048111	1068287	1056937	0.98	cps
Iron	56-2	508365600	513466611	519274112	513702108	1.06	cps
Iron	57-2	13097877	13068637	13184390	13116968	0.46	cps
Lead	206-1	11956	11878	11667	11833	1.26	cps
Lead	207-1	9548	10293	10810	10217	6.21	cps
Lead	208-1	46444	47340	48063	47282	1.71	cps
Lithium	6-1	290397	297572	295810	294593	1.27	cps
Magnesium	24-2	89990283	90443715	91266840	90566946	0.71	cps
Manganese	55-2	10340	10207	10407	10318	0.99	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:04:13	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16084	16927	17954	16988	5.51	cps
Molybdenum	95-1	24680	26592	27511	26261	5.50	cps
Molybdenum	96-1	30959	31945	35428	32778	7.16	cps
Molybdenum	97-1	15801	17211	18054	17022	6.69	cps
Molybdenum	98-1	39263	43333	45708	42768	7.62	cps
Neodymium	150-1	107	73	73	84	22.79	cps
Neodymium	150-2	43	37	43	41	9.35	cps
Nickel	60-2	19226	19476	19039	19247	1.14	cps
Phosphorus	31-2	375	300	208	294	28.35	cps
Potassium	39-2	44255673	45228425	45382451	44955516	1.36	cps
Rhodium	103-2	2403066	2401816	2428900	2411261	0.63	cps
Rhodium	103-1	4551101	4575433	4559967	4562167	0.27	cps
Scandium	45-1	3594617	3601784	3606889	3601096	0.17	cps
Scandium	45-2	183740	185542	185118	184800	0.51	cps
Selenium	77-2	10	13	20	14	35.26	cps
Selenium	78-2	130	124	130	128	2.51	cps
Selenium	82-1	176	223	344	248	34.92	cps
Silicon	28-1	965124	974122	979215	972821	0.73	cps
Silver	109-1	908	1183	1167	1086	14.20	cps
Silver	107-1	1300	1200	1125	1208	7.27	cps
Sodium	23-2	174122658	175716175	178757004	176198612	1.34	cps
Strontium	86-1	80710	80885	79470	80355	0.96	cps
Strontium	88-1	694567	700079	697350	697332	0.40	cps
Sulfur	34-1	391780	400935	399136	397284	1.22	cps
Terbium	159-1	6737152	6753478	6813571	6768067	0.59	cps
Terbium	159-2	3573326	3602883	3658159	3611456	1.19	cps
Thallium	203-1	2959	3034	2759	2917	4.87	cps
Thallium	205-1	7019	6927	7152	7033	1.61	cps
Tin	118-1	7452	8244	9203	8300	10.57	cps
Titanium	47-1	1009	875	983	956	7.43	cps
Uranium	238-1	5251	5768	5443	5488	4.76	cps
Vanadium	51-2	857	780	747	794	7.10	cps
Yttrium	89-2	929622	935398	947229	937416	0.96	cps
Yttrium	89-1	5928269	5939439	5914340	5927349	0.21	cps
Zinc	66-2	9717	9717	9807	9747	0.53	cps
Zirconium	90-1	3826	3809	3701	3778	1.80	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:04:13	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	742	667	975	795	20.24	cps

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 12:18:01 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39696	39227	37473	38799	3.02	cps
Antimony	121-1	1412873	1394668	1396382	1401308	0.72	cps
Arsenic	75-2	58458	58638	57533	58210	1.02	cps
Barium	135-1	181367	180971	178847	180395	0.75	cps
Barium	137-1	316341	311954	312069	313455	0.80	cps
Beryllium	9-1	81401	81848	80318	81189	0.97	cps
Bismuth	209-1	4127199	4121204	4105519	4117974	0.27	cps
Bismuth	209-2	2723353	2749867	2724060	2732427	0.55	cps
Boron	10-1	66898	66447	67585	66977	0.86	cps
Boron	11-1	357308	362849	362173	360777	0.84	cps
Cadmium	106-1	36548	36857	36790	36732	0.44	cps
Cadmium	108-1	18633	18913	18487	18678	1.16	cps
Cadmium	111-1	181792	182404	184316	182837	0.72	cps
Calcium	43-1	52770	51198	50947	51638	1.91	cps
Calcium	44-1	792710	796045	809074	799276	1.08	cps
Chromium	52-2	263996	263811	265021	264276	0.25	cps
Cobalt	59-2	432937	434895	432560	433464	0.29	cps
Copper	63-2	304780	307782	303523	305361	0.72	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Erbium	164-1	75	67	50	64	19.92	cps
Erbium	164-2	40	33	40	38	10.19	cps
Gadolinium	160-2	17	27	13	19	36.75	cps
Gadolinium	160-1	50	42	92	61	43.83	cps
Holmium	165-2	3740498	3776053	3774434	3763662	0.53	cps
Holmium	165-1	6708890	6669557	6653395	6677280	0.43	cps
Indium	115-1	5414202	5307977	5328591	5350257	1.05	cps
Indium	115-2	1105754	1123554	1115859	1115055	0.80	cps
Iron	56-2	2123476	2128161	2120692	2124110	0.18	cps
Iron	57-2	52010	53063	52232	52435	1.06	cps
Lead	206-1	1053723	1052065	1065422	1057070	0.69	cps
Lead	207-1	920895	924637	930229	925254	0.51	cps
Lead	208-1	4222002	4222952	4239413	4228122	0.23	cps
Lithium	6-1	326182	326146	322124	324817	0.72	cps
Magnesium	24-2	226978	230209	230997	229395	0.93	cps
Manganese	55-2	140180	141923	141862	141321	0.70	cps

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 12:18:01 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3525811	3540837	3572140	3546262	0.67	cps
Molybdenum	95-1	1894436	1894854	1902218	1897169	0.23	cps
Molybdenum	96-1	2412130	2419612	2439339	2423694	0.58	cps
Molybdenum	97-1	1187322	1183076	1185053	1185150	0.18	cps
Molybdenum	98-1	3025186	2980514	3007191	3004297	0.75	cps
Neodymium	150-1	27	20	7	18	57.27	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	114563	115786	115037	115129	0.54	cps
Phosphorus	31-2	258	217	308	261	17.58	cps
Potassium	39-2	395169	401644	398639	398484	0.81	cps
Rhodium	103-2	2740885	2760499	2746492	2749292	0.37	cps
Rhodium	103-1	5170917	5115042	5132385	5139448	0.56	cps
Scandium	45-1	3755540	3757178	3789696	3767471	0.51	cps
Scandium	45-2	192044	195315	190092	192484	1.37	cps
Selenium	77-2	1070	1000	953	1008	5.83	cps
Selenium	78-2	3460	3623	3471	3518	2.59	cps
Selenium	82-1	21948	22317	22022	22096	0.88	cps
Silicon	28-1	3010720	3017372	3037782	3021958	0.47	cps
Silver	109-1	828784	828968	830085	829279	0.08	cps
Silver	107-1	877529	880019	878433	878660	0.14	cps
Sodium	23-2	757172	756364	750063	754533	0.52	cps
Strontium	86-1	1267179	1253143	1260960	1260427	0.56	cps
Strontium	88-1	11070861	10935058	10985871	10997263	0.62	cps
Sulfur	34-1	404807	399748	397069	400541	0.98	cps
Terbium	159-1	6997348	7025258	6981569	7001392	0.32	cps
Terbium	159-2	3760154	3778515	3768459	3769043	0.24	cps
Thallium	203-1	1296897	1288969	1292163	1292677	0.31	cps
Thallium	205-1	3081295	3086488	3104844	3090875	0.40	cps
Tin	118-1	3001067	2970710	2986301	2986026	0.51	cps
Titanium	47-1	549616	557503	552659	553259	0.72	cps
Uranium	238-1	11372024	11517155	11676859	11522013	1.32	cps
Vanadium	51-2	223141	223577	222235	222984	0.31	cps
Yttrium	89-2	966105	977567	965352	969675	0.71	cps
Yttrium	89-1	6158483	6258148	6221157	6212596	0.81	cps
Zinc	66-2	82354	82813	81844	82337	0.59	cps
Zirconium	90-1	6888445	6895155	6910843	6898148	0.17	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:18:01	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1502528	1506279	1511949	1506919	0.31	cps

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 12:26:43 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	50	42	39	32.73	cps
Antimony	121-1	7202	9295	10471	8989	18.42	cps
Arsenic	75-2	61	63	74	66	10.61	cps
Barium	135-1	17	25	50	31	56.77	cps
Barium	137-1	33	117	75	75	55.56	cps
Beryllium	9-1	56	33	61	50	29.40	cps
Bismuth	209-1	4091714	4052999	4059625	4068113	0.51	cps
Bismuth	209-2	2682787	2681714	2673705	2679402	0.19	cps
Boron	10-1	783	683	833	767	9.96	cps
Boron	11-1	4267	4151	4242	4220	1.46	cps
Cadmium	106-1	1700	1767	1508	1658	8.09	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Cadmium	111-1	1187	1236	1053	1159	8.19	cps
Calcium	43-1	167	233	133	178	28.64	cps
Calcium	44-1	14775	15384	14691	14950	2.53	cps
Chromium	52-2	440	453	430	441	2.65	cps
Cobalt	59-2	80	90	120	97	21.53	cps
Copper	63-2	1280	1213	1230	1241	2.80	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-2	20	17	10	16	32.73	cps
Gadolinium	160-1	75	67	33	58	37.80	cps
Holmium	165-2	3705799	3644969	3650517	3667095	0.92	cps
Holmium	165-1	6599665	6493557	6673746	6588989	1.37	cps
Indium	115-1	5329166	5306421	5397235	5344274	0.88	cps
Indium	115-2	1113850	1103559	1105492	1107634	0.49	cps
Iron	56-2	4090	4023	4317	4143	3.73	cps
Iron	57-2	100	106	117	107	7.90	cps
Lead	206-1	578	611	728	639	12.33	cps
Lead	207-1	528	494	572	532	7.34	cps
Lead	208-1	2406	2484	2728	2539	6.62	cps
Lithium	6-1	320714	324189	321079	321994	0.59	cps
Magnesium	24-2	250	208	233	231	9.10	cps
Manganese	55-2	97	73	77	82	15.35	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:26:43	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1083	1400	1500	1328	16.38	cps
Molybdenum	95-1	1375	1717	2334	1809	26.86	cps
Molybdenum	96-1	1558	1767	2375	1900	22.34	cps
Molybdenum	97-1	1083	1050	1300	1145	11.86	cps
Molybdenum	98-1	2242	3167	3392	2934	20.78	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	40	47	43	7.70	cps
Phosphorus	31-2	217	192	250	219	13.33	cps
Potassium	39-2	30783	31234	31342	31120	0.95	cps
Rhodium	103-2	2709694	2714967	2703070	2709244	0.22	cps
Rhodium	103-1	5115137	5101747	5074598	5097161	0.41	cps
Scandium	45-1	3669725	3715017	3701880	3695541	0.63	cps
Scandium	45-2	187287	184566	187997	186617	0.97	cps
Selenium	77-2	3	13	0	6	124.93	cps
Selenium	78-2	81	61	87	77	17.84	cps
Selenium	82-1	-3	19	17	11	109.03	cps
Silicon	28-1	687146	688756	685110	687004	0.27	cps
Silver	109-1	175	133	150	153	13.73	cps
Silver	107-1	192	267	158	206	26.99	cps
Sodium	23-2	24421	24471	24170	24354	0.66	cps
Strontium	86-1	775	742	725	747	3.41	cps
Strontium	88-1	500	617	617	578	11.66	cps
Sulfur	34-1	402256	404550	407065	404624	0.59	cps
Terbium	159-1	7001253	6975127	6937212	6971197	0.46	cps
Terbium	159-2	3714555	3694041	3673758	3694118	0.55	cps
Thallium	203-1	75	100	58	78	26.96	cps
Thallium	205-1	225	267	175	222	20.65	cps
Tin	118-1	1909	2200	2634	2248	16.24	cps
Titanium	47-1	100	158	192	150	30.94	cps
Uranium	238-1	158	292	183	211	33.57	cps
Vanadium	51-2	7	17	20	14	48.02	cps
Yttrium	89-2	958162	945544	944804	949503	0.79	cps
Yttrium	89-1	6156711	6081037	6180417	6139389	0.85	cps
Zinc	66-2	163	123	210	166	26.20	cps
Zirconium	90-1	792	1025	992	936	13.48	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:26:43	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	133	200	183	24.05	cps

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 12:30:17 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6913613	6915383	6970166	6933054	0.46	cps
Antimony	121-1	12022	13215	13524	12920	6.14	cps
Arsenic	75-2	115	157	120	131	17.69	cps
Barium	135-1	2742	2684	2650	2692	1.72	cps
Barium	137-1	4643	4368	4743	4584	4.24	cps
Beryllium	9-1	261	350	233	281	21.65	cps
Bismuth	209-1	3925459	3904828	3921447	3917245	0.28	cps
Bismuth	209-2	2569767	2582063	2613537	2588456	0.87	cps
Boron	10-1	950	850	675	825	16.87	cps
Boron	11-1	4459	4392	4226	4359	2.76	cps
Cadmium	106-1	1942	1817	1750	1836	5.30	cps
Cadmium	108-1	1550	1492	1425	1489	4.20	cps
Cadmium	111-1	2087	2003	1915	2002	4.29	cps
Calcium	43-1	2163207	2147329	2167391	2159309	0.49	cps
Calcium	44-1	34714771	34730362	34770264	34738466	0.08	cps
Chromium	52-2	51102	51219	51587	51302	0.49	cps
Cobalt	59-2	4607	4784	5014	4802	4.25	cps
Copper	63-2	26805	26501	27740	27015	2.39	cps
Dysprosium	156-2	27	13	17	19	36.75	cps
Dysprosium	156-1	33	17	50	33	50.00	cps
Erbium	164-1	25	75	58	53	48.24	cps
Erbium	164-2	33	23	27	28	18.33	cps
Gadolinium	160-2	37	20	13	23	51.52	cps
Gadolinium	160-1	50	75	25	50	50.00	cps
Holmium	165-2	3752208	3778083	3792894	3774395	0.55	cps
Holmium	165-1	6566256	6594810	6808188	6656418	1.99	cps
Indium	115-1	5295666	5263868	5321258	5293597	0.54	cps
Indium	115-2	1103048	1118370	1110281	1110566	0.69	cps
Iron	56-2	195331954	193905077	196001771	195079601	0.55	cps
Iron	57-2	4943830	4964953	4976381	4961721	0.33	cps
Lead	206-1	23922	23504	24022	23816	1.15	cps
Lead	207-1	19326	19164	19409	19300	0.65	cps
Lead	208-1	91167	91380	90821	91123	0.31	cps
Lithium	6-1	306964	304457	311441	307621	1.15	cps
Magnesium	24-2	17765625	17837641	17885641	17829635	0.34	cps
Manganese	55-2	11028	11064	11178	11090	0.71	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:30:17	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4035693	4025712	4049009	4036805	0.29	cps
Molybdenum	95-1	7207556	7116592	7237755	7187301	0.88	cps
Molybdenum	96-1	7661193	7585865	7562193	7603084	0.68	cps
Molybdenum	97-1	4379696	4374433	4379406	4377845	0.07	cps
Molybdenum	98-1	11303756	11335795	11342357	11327303	0.18	cps
Neodymium	150-1	27	53	60	47	37.79	cps
Neodymium	150-2	13	20	27	20	33.35	cps
Nickel	60-2	5915	5918	5935	5922	0.18	cps
Phosphorus	31-2	400993	404100	401955	402349	0.40	cps
Potassium	39-2	17689520	17535231	17603721	17609491	0.44	cps
Rhodium	103-2	2616686	2639177	2636909	2630924	0.47	cps
Rhodium	103-1	4888367	4861745	4911607	4887240	0.51	cps
Scandium	45-1	3693541	3667648	3736647	3699279	0.94	cps
Scandium	45-2	191547	189416	190524	190496	0.56	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	85	78	76	80	6.15	cps
Selenium	82-1	-16	0	-17	-11	-84.03	cps
Silicon	28-1	777900	779332	775686	777640	0.24	cps
Silver	109-1	3784	3392	2842	3339	14.17	cps
Silver	107-1	4493	3534	2817	3615	23.26	cps
Sodium	23-2	34575789	34264211	34798213	34546071	0.78	cps
Strontium	86-1	81372	82520	81547	81813	0.76	cps
Strontium	88-1	703714	708596	713583	708631	0.70	cps
Sulfur	34-1	3665532	3645850	3647448	3652944	0.30	cps
Terbium	159-1	7011142	6962583	7060430	7011385	0.70	cps
Terbium	159-2	3734901	3780318	3783826	3766348	0.72	cps
Thallium	203-1	417	300	192	303	37.16	cps
Thallium	205-1	892	708	575	725	21.93	cps
Tin	118-1	2359	2517	2934	2603	11.41	cps
Titanium	47-1	2080361	2067938	2085348	2077882	0.43	cps
Uranium	238-1	583	508	792	628	23.39	cps
Vanadium	51-2	380	377	283	347	15.83	cps
Yttrium	89-2	966532	974808	972672	971337	0.44	cps
Yttrium	89-1	6118976	6163810	6250033	6177606	1.08	cps
Zinc	66-2	4828	4734	4671	4744	1.66	cps
Zirconium	90-1	2075	2217	2367	2220	6.57	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:30:17	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	517	483	475	9.77	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:33:51	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7222108	7211937	7233461	7222502	0.15	cps
Antimony	121-1	148342	146447	144024	146271	1.48	cps
Arsenic	75-2	5872	5746	5946	5854	1.73	cps
Barium	135-1	40226	39382	39206	39605	1.38	cps
Barium	137-1	69583	68955	69784	69441	0.62	cps
Beryllium	9-1	15636	15530	15942	15703	1.36	cps
Bismuth	209-1	3914469	3916154	3913770	3914798	0.03	cps
Bismuth	209-2	2537595	2546400	2549494	2544496	0.24	cps
Boron	10-1	7244	6827	6977	7016	3.01	cps
Boron	11-1	37949	37748	39118	38271	1.93	cps
Cadmium	106-1	6510	6477	6735	6574	2.14	cps
Cadmium	108-1	4455	4772	4280	4502	5.54	cps
Cadmium	111-1	36812	35439	36624	36292	2.05	cps
Calcium	43-1	2256165	2260786	2269315	2262089	0.29	cps
Calcium	44-1	36477497	36651535	36286673	36471902	0.50	cps
Chromium	52-2	103899	106159	107052	105703	1.54	cps
Cobalt	59-2	89534	89252	90859	89882	0.95	cps
Copper	63-2	86313	87389	87234	86979	0.67	cps
Dysprosium	156-2	20	10	17	16	32.73	cps
Dysprosium	156-1	33	33	42	36	13.33	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	10	47	23	27	69.60	cps
Gadolinium	160-2	23	33	20	26	27.15	cps
Gadolinium	160-1	58	67	83	69	18.33	cps
Holmium	165-2	3700814	3723998	3734003	3719605	0.46	cps
Holmium	165-1	6703023	6743645	6744580	6730416	0.35	cps
Indium	115-1	5322872	5315260	5299684	5312606	0.22	cps
Indium	115-2	1091250	1095403	1100481	1095711	0.42	cps
Iron	56-2	199562360	201469016	201528982	200853453	0.56	cps
Iron	57-2	5128762	5132800	5175058	5145540	0.50	cps
Lead	206-1	129226	127729	128233	128396	0.59	cps
Lead	207-1	109687	108404	108214	108768	0.74	cps
Lead	208-1	502630	497968	499654	500084	0.47	cps
Lithium	6-1	307422	313340	311587	310783	0.98	cps
Magnesium	24-2	18278179	18221091	18387564	18295611	0.46	cps
Manganese	55-2	39383	39841	40148	39790	0.97	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:33:51	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4609072	4569422	4590318	4589604	0.43	cps
Molybdenum	95-1	7765603	7731213	7765103	7753973	0.25	cps
Molybdenum	96-1	8205855	8247817	8299039	8250904	0.57	cps
Molybdenum	97-1	4730639	4725218	4709173	4721677	0.24	cps
Molybdenum	98-1	12263324	12176409	12150078	12196604	0.49	cps
Neodymium	150-1	0	27	27	18	86.60	cps
Neodymium	150-2	23	10	20	18	39.03	cps
Nickel	60-2	27777	27626	28498	27967	1.67	cps
Phosphorus	31-2	412580	417802	419658	416680	0.88	cps
Potassium	39-2	18447116	18235117	18402227	18361487	0.61	cps
Rhodium	103-2	2599130	2625602	2603967	2609566	0.54	cps
Rhodium	103-1	4991975	4924600	4908550	4941708	0.90	cps
Scandium	45-1	3729768	3732392	3715881	3726014	0.24	cps
Scandium	45-2	187888	189514	188479	188627	0.44	cps
Selenium	77-2	97	90	123	103	17.07	cps
Selenium	78-2	378	374	415	389	5.79	cps
Selenium	82-1	2235	2280	2284	2266	1.21	cps
Silicon	28-1	1039664	1040856	1041009	1040510	0.07	cps
Silver	109-1	157948	156526	157755	157410	0.49	cps
Silver	107-1	166274	164774	162817	164622	1.05	cps
Sodium	23-2	35239188	35633189	35717639	35530006	0.72	cps
Strontium	86-1	211510	212441	213040	212330	0.36	cps
Strontium	88-1	1841579	1844610	1830097	1838762	0.42	cps
Sulfur	34-1	3786865	3786874	3794358	3789366	0.11	cps
Terbium	159-1	7014848	7012217	7046091	7024385	0.27	cps
Terbium	159-2	3713435	3736198	3746366	3731999	0.45	cps
Thallium	203-1	127119	127800	128466	127795	0.53	cps
Thallium	205-1	305509	303653	306741	305301	0.51	cps
Tin	118-1	306605	299978	300752	302445	1.20	cps
Titanium	47-1	2218148	2210120	2213144	2213804	0.18	cps
Uranium	238-1	1145445	1140033	1139588	1141688	0.29	cps
Vanadium	51-2	44657	45350	46383	45463	1.91	cps
Yttrium	89-2	958565	969014	968085	965221	0.60	cps
Yttrium	89-1	6244003	6243567	6164832	6217467	0.73	cps
Zinc	66-2	11912	12119	12185	12072	1.18	cps
Zirconium	90-1	690736	682505	685851	686364	0.60	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:33:51	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	156067	156430	152326	154941	1.47	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:37:25	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	755051	752687	752320	753353	0.20	cps
Antimony	121-1	3679847	3667912	3629254	3659004	0.72	cps
Arsenic	75-2	148638	148241	148378	148419	0.14	cps
Barium	135-1	4551281	4539863	4507942	4533029	0.50	cps
Barium	137-1	7743447	7830980	7804581	7793003	0.58	cps
Beryllium	9-1	387473	381406	384085	384321	0.79	cps
Bismuth	209-1	4059679	4104929	4068547	4077718	0.59	cps
Bismuth	209-2	2652408	2678529	2682612	2671183	0.61	cps
Boron	10-1	57602	58715	60187	58835	2.20	cps
Boron	11-1	316188	319783	325439	320470	1.46	cps
Cadmium	106-1	98868	99457	97686	98670	0.91	cps
Cadmium	108-1	66166	63441	63542	64383	2.40	cps
Cadmium	111-1	871130	866181	870352	869221	0.31	cps
Calcium	43-1	1144642	1152822	1150674	1149379	0.37	cps
Calcium	44-1	18270098	18274007	18401961	18315355	0.41	cps
Chromium	52-2	1354453	1359698	1359665	1357939	0.22	cps
Cobalt	59-2	2119722	2143969	2135381	2133024	0.58	cps
Copper	63-2	2951665	2991974	2963096	2968912	0.70	cps
Dysprosium	156-2	23	10	3	12	83.33	cps
Dysprosium	156-1	83	83	58	75	19.24	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	17	20	30	22	31.22	cps
Gadolinium	160-2	20	50	17	29	63.54	cps
Gadolinium	160-1	83	58	75	72	17.62	cps
Holmium	165-1	6735654	6743887	6752629	6744057	0.13	cps
Holmium	165-2	3791831	3832561	3838978	3821123	0.67	cps
Indium	115-2	1127039	1130836	1128965	1128947	0.17	cps
Indium	115-1	5348111	5335062	5376791	5353321	0.40	cps
Iron	56-2	51835043	52030433	51939269	51934915	0.19	cps
Iron	57-2	1314603	1323303	1328616	1322174	0.54	cps
Lead	206-1	2543932	2528312	2513258	2528501	0.61	cps
Lead	207-1	2315582	2323751	2324527	2321286	0.21	cps
Lead	208-1	10355561	10352801	10324095	10344152	0.17	cps
Lithium	6-1	309761	308950	307438	308716	0.38	cps
Magnesium	24-2	9319954	9371016	9375068	9355346	0.33	cps
Manganese	55-2	1430961	1428597	1439358	1432972	0.39	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:37:25	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3565934	3570671	3548218	3561608	0.33	cps
Molybdenum	95-1	1906573	1910782	1896811	1904722	0.38	cps
Molybdenum	96-1	2438683	2442575	2421143	2434133	0.47	cps
Molybdenum	97-1	1189648	1188407	1194078	1190711	0.25	cps
Molybdenum	98-1	3038028	3039231	3019502	3032253	0.36	cps
Neodymium	150-1	207	240	187	211	12.76	cps
Neodymium	150-2	10	20	17	16	32.73	cps
Nickel	60-2	559405	561204	566138	562249	0.62	cps
Phosphorus	31-2	42369	42729	43305	42801	1.10	cps
Potassium	39-2	4663106	4674566	4712602	4683425	0.55	cps
Rhodium	103-1	5108187	5182298	5124347	5138277	0.76	cps
Rhodium	103-2	2712234	2720007	2725909	2719383	0.25	cps
Scandium	45-1	3806777	3811623	3827705	3815368	0.29	cps
Scandium	45-2	195739	194094	192781	194204	0.76	cps
Selenium	82-1	56468	56131	55556	56052	0.82	cps
Selenium	77-2	2617	2657	2477	2584	3.66	cps
Selenium	78-2	8910	8708	9049	8889	1.93	cps
Silicon	28-1	3106306	3151783	3150877	3136322	0.83	cps
Silver	109-1	4091534	4116902	4083465	4097300	0.43	cps
Silver	107-1	4295995	4299864	4284261	4293373	0.19	cps
Sodium	23-2	18277328	18268701	18172827	18239619	0.32	cps
Strontium	86-1	1359857	1364878	1352811	1359182	0.45	cps
Strontium	88-1	11755502	11803196	11939390	11832696	0.81	cps
Sulfur	34-1	716999	718009	719886	718298	0.20	cps
Terbium	159-1	7155661	7062824	7107165	7108550	0.65	cps
Terbium	159-2	3818084	3845812	3843643	3835846	0.40	cps
Thallium	203-1	3156278	3138426	3141839	3145514	0.30	cps
Thallium	205-1	7536187	7504558	7549895	7530213	0.31	cps
Tin	118-1	2968577	2983043	2968376	2973332	0.28	cps
Titanium	47-1	555537	554673	555535	555248	0.09	cps
Uranium	238-1	11251879	11204383	11263111	11239791	0.28	cps
Vanadium	51-2	1139505	1147573	1138924	1142001	0.42	cps
Yttrium	89-1	6319196	6339694	6361135	6340008	0.33	cps
Yttrium	89-2	994989	992152	991113	992751	0.20	cps
Zinc	66-2	400578	403931	401254	401921	0.44	cps
Zirconium	90-1	6873609	6848806	6910578	6877664	0.45	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:37:25	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1517030	1506355	1512940	1512108	0.36	cps

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P7
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 12:47:52 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	92	72	24.02	cps
Antimony	121-1	9162	10479	12581	10741	16.06	cps
Arsenic	75-2	26	44	63	44	41.66	cps
Barium	135-1	50	58	25	44	39.04	cps
Barium	137-1	125	50	58	78	52.85	cps
Beryllium	9-1	17	28	50	31	53.90	cps
Bismuth	209-1	4026325	4022059	4004562	4017649	0.29	cps
Bismuth	209-2	2666488	2696386	2667126	2676667	0.64	cps
Boron	10-1	367	508	400	425	17.43	cps
Boron	11-1	2500	2392	2492	2461	2.45	cps
Cadmium	106-1	1600	1617	1709	1642	3.55	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Cadmium	111-1	1123	1136	1197	1152	3.45	cps
Calcium	43-1	150	108	83	114	29.57	cps
Calcium	44-1	14716	14574	14441	14577	0.94	cps
Chromium	52-2	480	537	517	511	5.62	cps
Cobalt	59-2	80	100	137	106	27.23	cps
Copper	63-2	1543	1690	1590	1608	4.66	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	3	23	23	17	69.30	cps
Gadolinium	160-2	23	13	20	19	26.96	cps
Gadolinium	160-1	42	25	50	39	32.73	cps
Holmium	165-2	3686162	3715185	3707546	3702965	0.41	cps
Holmium	165-1	6706394	6729178	6655721	6697098	0.56	cps
Indium	115-1	5471379	5537092	5465861	5491444	0.72	cps
Indium	115-2	1116717	1138067	1123885	1126223	0.96	cps
Iron	56-2	5640	5590	5307	5512	3.26	cps
Iron	57-2	178	139	183	167	14.53	cps
Lead	206-1	744	756	594	698	12.89	cps
Lead	207-1	644	633	583	620	5.25	cps
Lead	208-1	2878	2806	2689	2791	3.42	cps
Lithium	6-1	299626	296217	294570	296804	0.87	cps
Magnesium	24-2	242	217	258	239	8.78	cps
Manganese	55-2	67	57	67	63	9.12	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:47:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1150	1250	1458	1286	12.23	cps
Molybdenum	95-1	1709	1675	2342	1909	19.69	cps
Molybdenum	96-1	1775	2025	2425	2075	15.80	cps
Molybdenum	97-1	992	1175	1558	1242	23.29	cps
Molybdenum	98-1	2517	2809	3934	3087	24.24	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	33	60	41	40.00	cps
Phosphorus	31-2	192	200	225	206	8.44	cps
Potassium	39-2	33079	33489	32904	33157	0.90	cps
Rhodium	103-2	2716454	2766256	2743001	2741904	0.91	cps
Rhodium	103-1	5193458	5127427	5190410	5170432	0.72	cps
Scandium	45-1	3697645	3695260	3676995	3689967	0.31	cps
Scandium	45-2	188264	191403	190497	190055	0.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	56	72	63	64	13.13	cps
Selenium	82-1	36	-12	9	11	224.45	cps
Silicon	28-1	690908	688408	692823	690713	0.32	cps
Silver	109-1	67	150	67	94	50.94	cps
Silver	107-1	142	125	158	142	11.76	cps
Sodium	23-2	24855	24245	25189	24763	1.93	cps
Strontium	86-1	675	733	800	736	8.50	cps
Strontium	88-1	200	225	225	217	6.66	cps
Sulfur	34-1	375373	375402	372325	374367	0.47	cps
Terbium	159-1	7083181	7093898	7101195	7092758	0.13	cps
Terbium	159-2	3685582	3720591	3713647	3706607	0.50	cps
Thallium	203-1	67	92	75	78	16.37	cps
Thallium	205-1	175	108	175	153	25.19	cps
Tin	118-1	1267	1658	1784	1570	17.18	cps
Titanium	47-1	133	100	117	117	14.29	cps
Uranium	238-1	100	150	108	119	22.43	cps
Vanadium	51-2	20	10	17	16	32.73	cps
Yttrium	89-2	966690	976820	970530	971347	0.53	cps
Yttrium	89-1	6220357	6251545	6215478	6229127	0.31	cps
Zinc	66-2	167	120	120	136	19.88	cps
Zirconium	90-1	700	858	758	772	10.37	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:47:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	167	133	142	15.56	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:51:26	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1558	1709	1700	1656	5.09	cps
Antimony	121-1	16644	17395	16811	16950	2.33	cps
Arsenic	75-2	322	356	315	331	6.56	cps
Barium	135-1	17278	17203	16644	17042	2.03	cps
Barium	137-1	29207	29816	29265	29429	1.14	cps
Beryllium	9-1	739	739	694	724	3.54	cps
Bismuth	209-1	4119048	4071498	4064755	4085100	0.72	cps
Bismuth	209-2	2682352	2695560	2695227	2691046	0.28	cps
Boron	10-1	1508	1617	1525	1550	3.76	cps
Boron	11-1	8745	9011	9203	8986	2.56	cps
Cadmium	106-1	1825	1975	1667	1822	8.46	cps
Cadmium	108-1	121	138	138	132	7.29	cps
Cadmium	111-1	2818	2770	2767	2785	1.04	cps
Calcium	43-1	10813	11105	10046	10654	5.13	cps
Calcium	44-1	189820	184765	184885	186490	1.55	cps
Chromium	52-2	5805	5755	5908	5822	1.34	cps
Cobalt	59-2	4264	4117	4057	4146	2.56	cps
Copper	63-2	7605	7229	7559	7464	2.75	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Erbium	164-1	25	50	67	47	44.41	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-2	20	3	27	17	72.13	cps
Gadolinium	160-1	58	17	50	42	52.91	cps
Holmium	165-2	3692943	3738218	3730545	3720569	0.65	cps
Holmium	165-1	6790291	6757870	6736173	6761445	0.40	cps
Indium	115-1	5519563	5460555	5475174	5485097	0.56	cps
Indium	115-2	1130425	1141875	1131066	1134455	0.57	cps
Iron	56-2	105638	104788	106529	105652	0.82	cps
Iron	57-2	2434	2539	2695	2556	5.14	cps
Lead	206-1	5490	5562	5312	5455	2.36	cps
Lead	207-1	5168	5029	5162	5120	1.54	cps
Lead	208-1	23142	22447	22414	22667	1.81	cps
Lithium	6-1	297955	299075	297364	298131	0.29	cps
Magnesium	24-2	88142	91035	90221	89799	1.66	cps
Manganese	55-2	1543	1630	1590	1588	2.73	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:51:26	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14475	14958	14950	14794	1.87	cps
Molybdenum	95-1	18496	18371	18654	18507	0.77	cps
Molybdenum	96-1	20015	19564	20407	19995	2.11	cps
Molybdenum	97-1	11372	10888	12172	11477	5.65	cps
Molybdenum	98-1	29289	29857	30392	29846	1.85	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1190	1220	1183	1198	1.63	cps
Phosphorus	31-2	350	350	300	333	8.66	cps
Potassium	39-2	117847	119788	119411	119016	0.86	cps
Rhodium	103-2	2750814	2762113	2748945	2753957	0.26	cps
Rhodium	103-1	5262717	5239032	5194228	5231992	0.66	cps
Scandium	45-1	3731202	3701958	3738105	3723755	0.52	cps
Scandium	45-2	190720	191311	191398	191143	0.19	cps
Selenium	77-2	27	30	23	27	12.51	cps
Selenium	78-2	169	137	163	156	10.76	cps
Selenium	82-1	453	540	545	513	10.10	cps
Silicon	28-1	719327	717321	720132	718927	0.20	cps
Silver	109-1	7302	7794	6885	7327	6.21	cps
Silver	107-1	7802	7602	7986	7797	2.46	cps
Sodium	23-2	194847	196159	196521	195842	0.45	cps
Strontium	86-1	3209	3125	3309	3214	2.86	cps
Strontium	88-1	21342	20866	21225	21144	1.17	cps
Sulfur	34-1	383294	381841	374777	379971	1.20	cps
Terbium	159-1	7172570	7121186	7103144	7132300	0.51	cps
Terbium	159-2	3742440	3749801	3748712	3746984	0.11	cps
Thallium	203-1	5860	5927	5860	5882	0.65	cps
Thallium	205-1	14617	14141	14458	14406	1.68	cps
Tin	118-1	28956	28973	28630	28853	0.67	cps
Titanium	47-1	5276	5276	5209	5254	0.73	cps
Uranium	238-1	21869	22353	22078	22100	1.10	cps
Vanadium	51-2	10617	10697	10354	10556	1.70	cps
Yttrium	89-2	971178	976810	974017	974001	0.29	cps
Yttrium	89-1	6288623	6288352	6240514	6272497	0.44	cps
Zinc	66-2	1050	1060	1047	1052	0.66	cps
Zirconium	90-1	11388	11263	11897	11516	2.91	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:51:26	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2767	2592	2717	2692	3.35	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1448-05	Instrumnet Name :	P7
Client Sample ID :	CHA-FB012417	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:58:13	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975	1259	692	975	29.09	cps
Antimony	121-1	1450	1525	2042	1672	19.26	cps
Arsenic	75-2	28	22	37	29	25.80	cps
Barium	135-1	408	500	558	489	15.47	cps
Barium	137-1	717	892	700	770	13.80	cps
Beryllium	9-1	39	28	39	35	18.23	cps
Bismuth	209-1	4224368	3935136	4242692	4134065	4.17	cps
Bismuth	209-2	2787667	2765298	2779805	2777590	0.41	cps
Boron	10-1	533	625	542	567	8.95	cps
Boron	11-1	2642	2725	2584	2650	2.69	cps
Cadmium	106-1	1917	1267	1600	1595	20.39	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	1336	881	1118	1112	20.47	cps
Calcium	43-1	2200	1975	2159	2111	5.67	cps
Calcium	44-1	46315	46106	46758	46393	0.72	cps
Chromium	52-2	1093	1220	1203	1172	5.87	cps
Cobalt	59-2	140	173	163	159	10.77	cps
Copper	63-2	4287	4164	4371	4274	2.43	cps
Dysprosium	156-2	13	43	17	24	67.26	cps
Dysprosium	156-1	67	42	50	53	24.12	cps
Erbium	164-1	58	0	67	42	87.18	cps
Erbium	164-2	20	27	23	23	14.29	cps
Gadolinium	160-2	43	43	30	39	19.79	cps
Gadolinium	160-1	92	75	250	139	69.57	cps
Holmium	165-2	3834691	3819258	3835652	3829867	0.24	cps
Holmium	165-1	7097322	6562246	7066402	6908656	4.35	cps
Indium	115-1	5702285	5304510	5741446	5582747	4.33	cps
Indium	115-2	1173707	1169215	1163681	1168868	0.43	cps
Iron	56-2	64966	66309	65597	65624	1.02	cps
Iron	57-2	1678	1545	1600	1608	4.17	cps
Lead	206-1	633	561	739	644	13.87	cps
Lead	207-1	628	583	578	596	4.60	cps
Lead	208-1	2667	2500	2606	2591	3.25	cps
Lithium	6-1	315047	290458	312707	306071	4.43	cps
Magnesium	24-2	2517	2667	2359	2514	6.14	cps
Manganese	55-2	730	660	707	699	5.10	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1448-05	Instrumnet Name :	P7
Client Sample ID :	CHA-FB012417	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:58:13	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1092	1217	1342	1217	10.28	cps
Molybdenum	95-1	1383	1467	1625	1492	8.23	cps
Molybdenum	96-1	1475	1734	1759	1656	9.48	cps
Molybdenum	97-1	917	1083	1117	1039	10.31	cps
Molybdenum	98-1	2234	2725	2817	2592	12.10	cps
Neodymium	150-1	73	33	87	64	43.07	cps
Neodymium	150-2	27	27	17	23	24.74	cps
Nickel	60-2	173	127	173	158	17.08	cps
Phosphorus	31-2	217	292	200	236	20.68	cps
Potassium	39-2	33247	34516	34216	33993	1.95	cps
Rhodium	103-2	2865716	2851734	2858257	2858569	0.24	cps
Rhodium	103-1	5485166	5064622	5427146	5325645	4.28	cps
Scandium	45-1	3842501	3598823	3879660	3773661	4.04	cps
Scandium	45-2	197788	195272	197818	196959	0.74	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	67	80	78	75	9.38	cps
Selenium	82-1	28	6	-7	9	189.33	cps
Silicon	28-1	1029825	1025615	1076142	1043861	2.69	cps
Silver	109-1	208	150	300	219	34.47	cps
Silver	107-1	133	183	133	150	19.25	cps
Sodium	23-2	145676	142547	143531	143918	1.11	cps
Strontium	86-1	1208	1200	1133	1181	3.48	cps
Strontium	88-1	4805	3792	3976	4191	12.88	cps
Sulfur	34-1	376250	382963	387868	382360	1.53	cps
Terbium	159-1	7455412	6865139	7411463	7244005	4.54	cps
Terbium	159-2	3862865	3842811	3863974	3856550	0.31	cps
Thallium	203-1	33	92	33	53	63.82	cps
Thallium	205-1	150	108	125	128	16.41	cps
Tin	118-1	2942	2775	2767	2828	3.49	cps
Titanium	47-1	325	6739	2672	3245	99.99	cps
Uranium	238-1	58	92	83	78	22.30	cps
Vanadium	51-2	117	150	123	130	13.57	cps
Yttrium	89-2	1010670	1007244	1005486	1007800	0.26	cps
Yttrium	89-1	6635043	6026552	6610128	6423908	5.36	cps
Zinc	66-2	1647	1680	1627	1651	1.63	cps
Zirconium	90-1	533	508	708	583	18.69	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1448-05	Instrumnet Name :	P7
Client Sample ID :	CHA-FB012417	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 12:58:13	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	183	133	175	21.82	cps

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : I1219-02 Instrumnet Name : P7
 Client Sample ID : WC011217-LIQUID-TOD Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 13:01:46 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	999353	985879	969351	984861	1.53	cps
Antimony	121-1	28881	29423	30693	29666	3.14	cps
Arsenic	75-2	1913	2093	2033	2013	4.55	cps
Barium	135-1	317869	317200	320248	318439	0.50	cps
Barium	137-1	556190	550543	556726	554486	0.62	cps
Beryllium	9-1	789	878	794	820	6.07	cps
Bismuth	209-1	3890571	3901635	3925988	3906065	0.46	cps
Bismuth	209-2	2483050	2495768	2492374	2490398	0.26	cps
Boron	10-1	4743	4493	4526	4587	2.96	cps
Boron	11-1	23770	24087	24245	24034	1.01	cps
Cadmium	106-1	1800	1675	1959	1811	7.84	cps
Cadmium	108-1	179	138	117	144	22.03	cps
Cadmium	111-1	1631	1672	1848	1717	6.71	cps
Calcium	43-1	616042	614432	623127	617867	0.75	cps
Calcium	44-1	10139142	9982848	10238037	10120009	1.27	cps
Chromium	52-2	105736	105269	101973	104326	1.97	cps
Cobalt	59-2	57957	59189	58386	58511	1.07	cps
Copper	63-2	156839	157651	155324	156605	0.75	cps
Dysprosium	156-2	13957	14278	14354	14196	1.48	cps
Dysprosium	156-1	28973	28580	29867	29140	2.26	cps
Erbium	164-1	23237	22594	23696	23176	2.39	cps
Erbium	164-2	11909	11779	11929	11872	0.69	cps
Gadolinium	160-2	15779	15559	15552	15630	0.83	cps
Gadolinium	160-1	26184	27579	26485	26749	2.74	cps
Holmium	165-2	3537453	3546654	3540743	3541617	0.13	cps
Holmium	165-1	6508649	6630610	6588569	6575942	0.94	cps
Indium	115-1	5331594	5335455	5331196	5332748	0.04	cps
Indium	115-2	1037914	1035231	1022782	1031976	0.78	cps
Iron	56-2	44197144	43947482	42993627	43712751	1.45	cps
Iron	57-2	1111961	1117336	1095513	1108270	1.03	cps
Lead	206-1	229982	229466	232050	230500	0.59	cps
Lead	207-1	194382	194275	193652	194103	0.20	cps
Lead	208-1	900644	898924	906017	901862	0.41	cps
Lithium	6-1	396800	410205	425835	410947	3.54	cps
Magnesium	24-2	2221670	2211119	2191725	2208171	0.69	cps
Manganese	55-2	877281	875808	869404	874164	0.48	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1219-02	Instrumnet Name :	P7
Client Sample ID :	WC011217-LIQUID-TOD	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:01:46	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	81290	81508	83771	82189	1.67	cps
Molybdenum	95-1	94085	94529	94620	94411	0.30	cps
Molybdenum	96-1	106688	105814	108780	107094	1.42	cps
Molybdenum	97-1	60387	58905	60211	59835	1.35	cps
Molybdenum	98-1	155397	152827	153131	153785	0.91	cps
Neodymium	150-1	46158	45669	45589	45806	0.67	cps
Neodymium	150-2	19187	19090	18740	19005	1.24	cps
Nickel	60-2	66296	65489	66644	66143	0.90	cps
Phosphorus	31-2	1892	1717	1934	1847	6.22	cps
Potassium	39-2	1288220	1270561	1256582	1271788	1.25	cps
Rhodium	103-2	2530213	2519903	2498331	2516149	0.65	cps
Rhodium	103-1	4811394	4804309	4817708	4811137	0.14	cps
Scandium	45-1	3539141	3510279	3555472	3534964	0.65	cps
Scandium	45-2	174602	173081	172969	173550	0.53	cps
Selenium	77-2	90	130	110	110	18.18	cps
Selenium	78-2	146	139	161	149	7.60	cps
Selenium	82-1	134	251	167	184	32.83	cps
Silicon	28-1	83624929	83159366	84031364	83605220	0.52	cps
Silver	109-1	8461	7744	6902	7702	10.13	cps
Silver	107-1	8495	8036	7636	8055	5.33	cps
Sodium	23-2	17259540	17213235	17042335	17171704	0.67	cps
Strontium	86-1	280466	276824	282891	280061	1.09	cps
Strontium	88-1	2391943	2376842	2402841	2390542	0.55	cps
Sulfur	34-1	579954	568399	568140	572164	1.18	cps
Terbium	159-1	6856914	6918891	7003849	6926552	1.06	cps
Terbium	159-2	3539201	3549403	3538109	3542238	0.18	cps
Thallium	203-1	2034	2267	2017	2106	6.64	cps
Thallium	205-1	4784	5251	5201	5079	5.05	cps
Tin	118-1	26276	26793	26551	26540	0.98	cps
Titanium	47-1	625855	621771	651158	632928	2.52	cps
Uranium	238-1	33720	33210	33385	33438	0.77	cps
Vanadium	51-2	71643	71100	71044	71262	0.46	cps
Yttrium	89-2	920122	923781	910720	918208	0.73	cps
Yttrium	89-1	6156602	6116329	6278075	6183668	1.36	cps
Zinc	66-2	47410	46922	46561	46964	0.91	cps
Zirconium	90-1	76177	75097	79024	76766	2.64	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1219-02	Instrumnet Name :	P7
Client Sample ID :	WC011217-LIQUID-TOD	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:01:46	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	16685	17353	17962	17334	3.68	cps

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : I1219-02DLX20 Instrumnet Name : P7
 Client Sample ID : WC011217-LIQUID-TOD Dilution Factor : 20
 Date & Time Acquired :: 2017-01-27 13:05:19 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50695	51205	51381	51094	0.70	cps
Antimony	121-1	1375	1442	1650	1489	9.64	cps
Arsenic	75-2	109	157	113	127	21.17	cps
Barium	135-1	16627	16277	15601	16168	3.23	cps
Barium	137-1	27570	28430	27637	27879	1.72	cps
Beryllium	9-1	61	78	61	67	14.44	cps
Bismuth	209-1	4195545	4153716	4109418	4152893	1.04	cps
Bismuth	209-2	2666679	2681753	2693655	2680696	0.50	cps
Boron	10-1	567	567	375	503	22.01	cps
Boron	11-1	2809	2442	2467	2573	7.96	cps
Cadmium	106-1	1642	1592	1675	1636	2.56	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	1185	1129	1225	1180	4.08	cps
Calcium	43-1	31125	31893	30983	31334	1.56	cps
Calcium	44-1	534864	532147	526658	531223	0.79	cps
Chromium	52-2	5735	5725	5624	5695	1.07	cps
Cobalt	59-2	3067	2927	3084	3026	2.84	cps
Copper	63-2	16706	16853	16893	16818	0.58	cps
Dysprosium	156-2	687	670	640	666	3.55	cps
Dysprosium	156-1	1467	1358	1483	1436	4.73	cps
Erbium	164-1	1300	1250	1150	1233	6.19	cps
Erbium	164-2	603	650	573	609	6.35	cps
Gadolinium	160-2	787	777	793	786	1.07	cps
Gadolinium	160-1	1442	1250	1142	1278	11.89	cps
Holmium	165-2	3637638	3704696	3682282	3674872	0.93	cps
Holmium	165-1	6856364	6849191	6816980	6840845	0.31	cps
Indium	115-1	5477114	5482436	5398305	5452618	0.86	cps
Indium	115-2	1083197	1093343	1090562	1089034	0.48	cps
Iron	56-2	2284689	2303498	2310858	2299682	0.59	cps
Iron	57-2	55639	56883	58444	56989	2.47	cps
Lead	206-1	12389	11900	12150	12147	2.01	cps
Lead	207-1	10404	10505	10327	10412	0.86	cps
Lead	208-1	47718	47607	47306	47543	0.45	cps
Lithium	6-1	328021	326817	325130	326656	0.44	cps
Magnesium	24-2	112773	113101	111766	112546	0.62	cps
Manganese	55-2	44551	44942	45096	44863	0.63	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1219-02DLX20	Instrumnet Name :	P7
Client Sample ID :	WC011217-LIQUID-TOD	Dilution Factor :	20
Date & Time Acquired ::	2017-01-27 13:05:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4718	4593	4209	4506	5.88	cps
Molybdenum	95-1	4934	5543	5109	5196	6.03	cps
Molybdenum	96-1	5968	6018	6343	6110	3.33	cps
Molybdenum	97-1	3326	3042	3367	3245	5.45	cps
Molybdenum	98-1	8203	8411	8620	8411	2.48	cps
Neodymium	150-1	2380	2174	2234	2262	4.70	cps
Neodymium	150-2	897	933	1003	944	5.74	cps
Nickel	60-2	3190	3380	3484	3352	4.44	cps
Phosphorus	31-2	292	242	225	253	13.73	cps
Potassium	39-2	92228	91037	91566	91610	0.65	cps
Rhodium	103-2	2660458	2695853	2689512	2681941	0.70	cps
Rhodium	103-1	5154011	5177202	5165137	5165450	0.22	cps
Scandium	45-1	3628558	3632957	3632697	3631404	0.07	cps
Scandium	45-2	180026	180708	179401	180045	0.36	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	69	52	74	65	17.84	cps
Selenium	82-1	-12	18	-27	-7	-312.48	cps
Silicon	28-1	5016048	5042172	4979842	5012688	0.62	cps
Silver	109-1	808	667	800	758	10.48	cps
Silver	107-1	717	792	592	700	14.43	cps
Sodium	23-2	903126	912782	906266	907392	0.54	cps
Strontium	86-1	14775	14616	14591	14661	0.68	cps
Strontium	88-1	121880	120713	118990	120528	1.21	cps
Sulfur	34-1	353570	352930	352550	353017	0.15	cps
Terbium	159-1	7156643	7155521	7191558	7167907	0.29	cps
Terbium	159-2	3653090	3698449	3699129	3683556	0.72	cps
Thallium	203-1	108	83	133	108	23.08	cps
Thallium	205-1	392	400	283	358	18.16	cps
Tin	118-1	1992	1867	2067	1975	5.12	cps
Titanium	47-1	30925	30800	31259	30995	0.77	cps
Uranium	238-1	1659	1784	1800	1747	4.43	cps
Vanadium	51-2	3821	3744	3671	3745	2.00	cps
Yttrium	89-2	916920	927824	925186	923310	0.62	cps
Yttrium	89-1	6163660	6158583	6210566	6177603	0.46	cps
Zinc	66-2	2684	2544	2614	2614	2.68	cps
Zirconium	90-1	4101	4242	4084	4142	2.10	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	I1219-02DLX20	Instrumnet Name :	P7
Client Sample ID :	WC011217-LIQUID-TOD	Dilution Factor :	20
Date & Time Acquired ::	2017-01-27 13:05:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	942	958	833	911	7.45	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:08:53	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	720629	719824	726772	722408	0.53	cps
Antimony	121-1	3590790	3571504	3557700	3573331	0.47	cps
Arsenic	75-2	140226	142003	142709	141646	0.90	cps
Barium	135-1	4463336	4469526	4456320	4463060	0.15	cps
Barium	137-1	7709898	7709131	7711951	7710327	0.02	cps
Beryllium	9-1	385838	386380	392121	388113	0.90	cps
Bismuth	209-1	4076079	4091246	4118542	4095289	0.53	cps
Bismuth	209-2	2650687	2671602	2671438	2664576	0.45	cps
Boron	10-1	57728	58991	60999	59239	2.79	cps
Boron	11-1	312871	324303	326302	321159	2.26	cps
Cadmium	106-1	96418	96964	95445	96276	0.80	cps
Cadmium	108-1	62470	62588	63220	62759	0.64	cps
Cadmium	111-1	852687	855376	854172	854078	0.16	cps
Calcium	43-1	1107641	1108832	1108219	1108231	0.05	cps
Calcium	44-1	17606645	17677849	17755148	17679880	0.42	cps
Chromium	52-2	1305732	1312876	1311099	1309902	0.28	cps
Cobalt	59-2	2074466	2075361	2079435	2076421	0.13	cps
Copper	63-2	2888630	2915036	2903161	2902276	0.46	cps
Dysprosium	156-2	13	30	17	20	44.10	cps
Dysprosium	156-1	75	50	92	72	29.04	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-2	30	20	23	24	20.83	cps
Gadolinium	160-1	58	83	33	58	42.85	cps
Holmium	165-2	3758129	3760835	3752377	3757114	0.11	cps
Holmium	165-1	6704178	6554716	6753800	6670898	1.55	cps
Indium	115-1	5219165	5222893	5230167	5224075	0.11	cps
Indium	115-2	1071338	1089106	1076868	1079104	0.84	cps
Iron	56-2	52363912	51544054	52210380	52039449	0.84	cps
Iron	57-2	1331485	1334256	1326412	1330718	0.30	cps
Lead	206-1	2563678	2576739	2561912	2567443	0.32	cps
Lead	207-1	2355411	2376220	2371811	2367814	0.46	cps
Lead	208-1	10460394	10566424	10501392	10509403	0.51	cps
Lithium	6-1	309864	312276	313066	311735	0.54	cps
Magnesium	24-2	9010843	9031729	8997614	9013396	0.19	cps
Manganese	55-2	1355490	1353358	1359248	1356032	0.22	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:08:53	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3484329	3490713	3472379	3482474	0.27	cps
Molybdenum	95-1	1849139	1859894	1839819	1849617	0.54	cps
Molybdenum	96-1	2384864	2377026	2373192	2378361	0.25	cps
Molybdenum	97-1	1161642	1162823	1161348	1161938	0.07	cps
Molybdenum	98-1	2964687	2965782	2974983	2968484	0.19	cps
Neodymium	150-1	180	240	167	196	19.98	cps
Neodymium	150-2	23	10	20	18	39.03	cps
Nickel	60-2	544873	546666	546445	545994	0.18	cps
Phosphorus	31-2	40481	39679	41651	40604	2.44	cps
Potassium	39-2	4546273	4583763	4635549	4588528	0.98	cps
Rhodium	103-2	2621575	2632283	2636718	2630192	0.30	cps
Rhodium	103-1	5026296	5058237	5055157	5046563	0.35	cps
Scandium	45-1	3638930	3641971	3648146	3643016	0.13	cps
Scandium	45-2	182101	182451	186433	183662	1.31	cps
Selenium	77-2	2670	2480	2520	2557	3.92	cps
Selenium	78-2	8480	8571	8317	8456	1.52	cps
Selenium	82-1	54176	54718	54542	54479	0.51	cps
Silicon	28-1	3005288	3042610	3045128	3031009	0.74	cps
Silver	109-1	4036373	4048334	4083463	4056057	0.60	cps
Silver	107-1	4227809	4237158	4206946	4223971	0.37	cps
Sodium	23-2	17345486	17354789	17279073	17326450	0.24	cps
Strontium	86-1	1274703	1277944	1282432	1278360	0.30	cps
Strontium	88-1	10975518	10978066	11085161	11012915	0.57	cps
Sulfur	34-1	696699	707391	704426	702839	0.79	cps
Terbium	159-1	6994378	7047882	7025608	7022623	0.38	cps
Terbium	159-2	3738994	3769595	3749998	3752862	0.41	cps
Thallium	203-1	3169867	3114752	3157411	3147343	0.92	cps
Thallium	205-1	7602110	7470148	7645310	7572523	1.21	cps
Tin	118-1	2931757	2921577	2901591	2918308	0.53	cps
Titanium	47-1	536873	538812	539005	538230	0.22	cps
Uranium	238-1	11413774	11544134	11577907	11511938	0.75	cps
Vanadium	51-2	1094084	1100868	1091269	1095407	0.45	cps
Yttrium	89-2	937938	939928	938258	938708	0.11	cps
Yttrium	89-1	6111070	6078077	6127647	6105598	0.41	cps
Zinc	66-2	386230	389164	388337	387910	0.39	cps
Zirconium	90-1	6641378	6703338	6723860	6689525	0.64	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:08:53	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1477368	1483449	1475624	1478814	0.28	cps

LB Number : LB85545 Operator : Jaswal
 Lab Sample ID : CCB50 Instrumnet Name : P7
 Client Sample ID : CCB50 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-27 13:14:39 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	33	33	0.00	cps
Antimony	121-1	9929	11622	13148	11566	13.92	cps
Arsenic	75-2	85	72	100	86	16.20	cps
Barium	135-1	92	83	50	75	29.40	cps
Barium	137-1	192	192	175	186	5.17	cps
Beryllium	9-1	22	50	28	33	44.10	cps
Bismuth	209-1	4130358	4107120	4106328	4114602	0.33	cps
Bismuth	209-2	2659860	2686195	2679375	2675144	0.51	cps
Boron	10-1	533	458	600	531	13.36	cps
Boron	11-1	3125	3042	2909	3025	3.61	cps
Cadmium	106-1	1825	1650	1608	1695	6.79	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Cadmium	111-1	1280	1159	1131	1190	6.64	cps
Calcium	43-1	142	142	150	144	3.33	cps
Calcium	44-1	13123	12731	13390	13081	2.53	cps
Chromium	52-2	513	470	503	496	4.58	cps
Cobalt	59-2	90	110	113	104	12.08	cps
Copper	63-2	4467	4404	4384	4419	0.98	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-2	20	13	20	18	21.66	cps
Gadolinium	160-1	17	33	58	36	58.07	cps
Holmium	165-2	3643078	3680416	3665645	3663046	0.51	cps
Holmium	165-1	6774136	6723202	6719833	6739057	0.45	cps
Indium	115-1	5356089	5400537	5359603	5372076	0.46	cps
Indium	115-2	1084718	1097093	1094041	1091951	0.59	cps
Iron	56-2	5529	5485	5523	5512	0.44	cps
Iron	57-2	117	122	117	119	2.71	cps
Lead	206-1	750	833	789	791	5.27	cps
Lead	207-1	583	644	700	643	9.08	cps
Lead	208-1	2995	3139	3134	3089	2.65	cps
Lithium	6-1	313927	316262	316916	315702	0.50	cps
Magnesium	24-2	183	275	183	214	24.74	cps
Manganese	55-2	77	120	83	93	25.00	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:14:39	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1183	1475	1750	1470	19.28	cps
Molybdenum	95-1	1417	1967	2259	1881	22.73	cps
Molybdenum	96-1	1600	2134	2417	2050	20.23	cps
Molybdenum	97-1	842	1133	1283	1086	20.68	cps
Molybdenum	98-1	2450	2925	3367	2914	15.73	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	37	67	44	43.95	cps
Phosphorus	31-2	183	217	208	203	8.56	cps
Potassium	39-2	29155	29263	30123	29514	1.80	cps
Rhodium	103-2	2665353	2690122	2687154	2680876	0.50	cps
Rhodium	103-1	5154114	5144810	5149598	5149507	0.09	cps
Scandium	45-1	3623109	3647216	3624714	3631679	0.37	cps
Scandium	45-2	179043	179499	180808	179783	0.51	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	65	83	65	71	15.05	cps
Selenium	82-1	-2	44	34	25	96.93	cps
Silicon	28-1	672023	668720	670883	670542	0.25	cps
Silver	109-1	225	208	175	203	12.55	cps
Silver	107-1	258	208	167	211	21.74	cps
Sodium	23-2	23093	22576	22134	22601	2.13	cps
Strontium	86-1	817	775	667	753	10.29	cps
Strontium	88-1	308	183	292	261	25.99	cps
Sulfur	34-1	368936	368260	369551	368916	0.18	cps
Terbium	159-1	6978844	7096058	7008938	7027947	0.87	cps
Terbium	159-2	3658964	3663680	3680877	3667840	0.31	cps
Thallium	203-1	250	225	175	217	17.62	cps
Thallium	205-1	525	483	383	464	15.70	cps
Tin	118-1	1934	2325	2300	2186	10.03	cps
Titanium	47-1	100	158	208	156	34.86	cps
Uranium	238-1	258	192	192	214	18.00	cps
Vanadium	51-2	17	20	13	17	20.01	cps
Yttrium	89-2	926274	929781	930300	928785	0.24	cps
Yttrium	89-1	6103940	6153144	6116199	6124428	0.42	cps
Zinc	66-2	123	123	127	124	1.54	cps
Zirconium	90-1	883	1050	1083	1006	10.66	cps

LB Number :	LB85545	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-01-27 13:14:39	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	283	342	281	22.29	cps