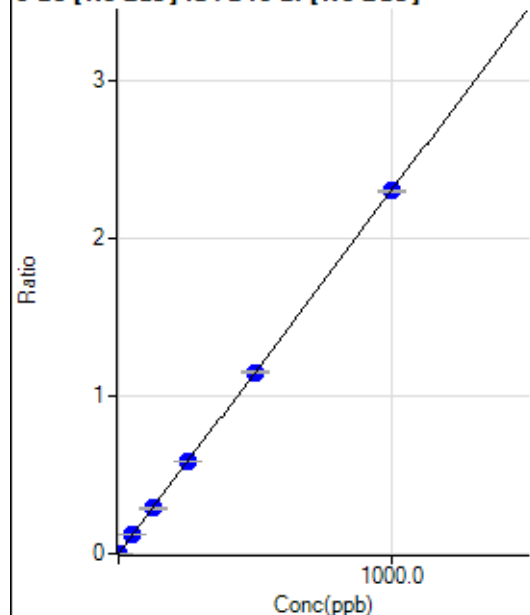


Calibration for 010CAL.S.d

Batch Folder: D:\ICP-MS Data\P7031017 .b\
 Analysis File: P7031017 .batch.bin
 DA Date-Time: 2017-03-10 16:07:55
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-03-10 14:43:55
2			
3	004CAL.S.d	S02	2017-03-10 14:52:21
4	005CAL.S.d	S03	2017-03-10 14:56:11
5	006CAL.S.d	S04	2017-03-10 15:00:17
6	007CAL.S.d	S05	2017-03-10 15:04:01
7	008CAL.S.d	S06	2017-03-10 15:07:39
8	009CAL.S.d	S07	2017-03-10 15:11:14
9	010CAL.S.d	S08	2017-03-10 15:14:44

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.52	0.0000	P	46.6
2	☐	0.100					
3	☐	1.000	0.981	1670.51	0.0023	P	4.5
4	☐	50.000	50.765	85097.10	0.1168	P	0.4
5	☐	125.000	124.957	206820.24	0.2876	P	0.9
6	☐	250.000	253.003	413918.63	0.5822	P	0.6
7	☐	500.000	500.382	786964.82	1.1514	P	0.7
8	☐	1000.000	999.025	1515936.19	2.2988	P	0.6
9	☐			246.31	0.0004	P	12.3

$$y = 0.0023 * x + 2.5199E-005$$

$$R = 1.0000$$

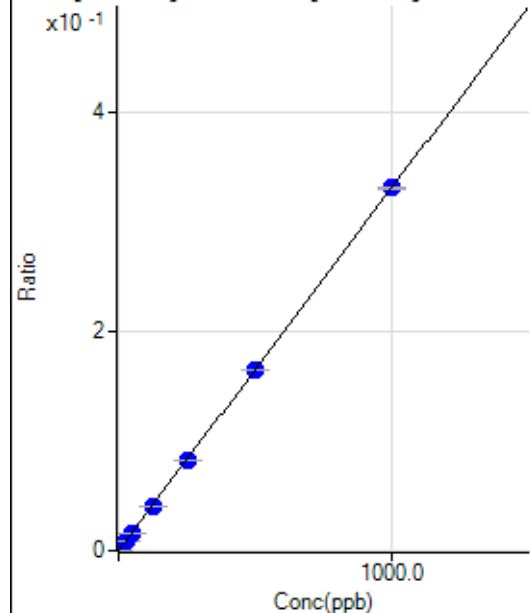
$$DL = 0.01531$$

$$BEC = 0.01095$$

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	83.34	0.0001	P	10.3
2	☐	2.500					
3	☐	25.000	27.317	6682.31	0.0091	P	2.7
4	☐	50.000	48.293	11696.62	0.0161	P	2.2
5	☐	125.000	122.446	29162.30	0.0405	P	1.5
6	☐	250.000	249.485	58653.11	0.0825	P	0.9
7	☐	500.000	498.884	112675.89	0.1649	P	0.4
8	☐	1000.000	1001.034	218064.17	0.3307	P	0.7
9	☐			4067.38	0.0066	P	10.2

$$y = 3.3022E-004 * x + 1.1319E-004$$

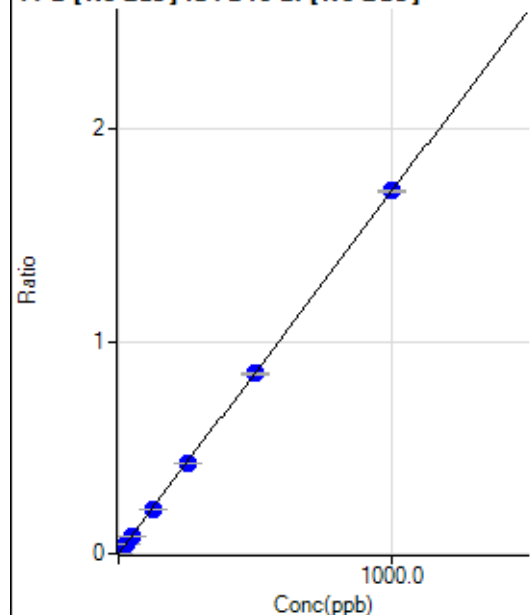
$$R = 1.0000$$

$$DL = 0.1058$$

$$BEC = 0.3428$$

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	494.47	0.0007	P	17.0
2	☐	2.500					
3	☐	25.000	26.877	34042.00	0.0465	P	2.3
4	☐	50.000	48.885	61238.99	0.0841	P	1.6
5	☐	125.000	123.518	152068.77	0.2114	P	0.7
6	☐	250.000	250.621	304508.76	0.4283	P	0.7
7	☐	500.000	496.588	579599.53	0.8480	P	0.5
8	☐	1000.000	1001.745	1127626.92	1.7100	P	0.5
9	☐			20286.66	0.0329	P	10.8

$$y = 0.0017 * x + 6.7206E-004$$

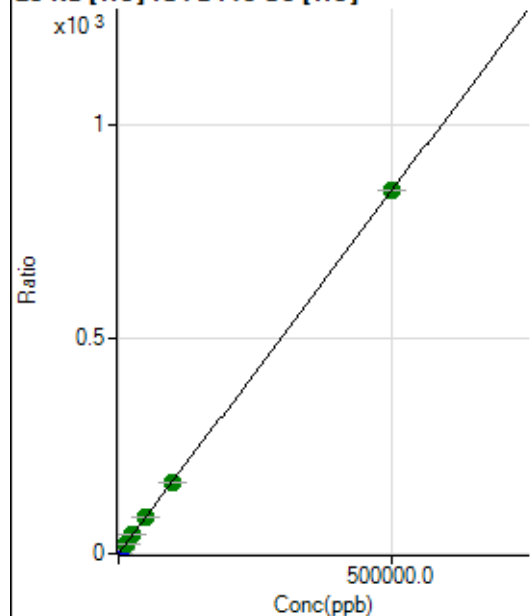
$$R = 1.0000$$

$$DL = 0.2006$$

$$BEC = 0.3939$$

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	26282.30	0.0716	P	1.0
2	☐	50.000					
3	☐	500.000	546.447	358961.64	0.9955	P	0.4
4	☐	5000.000	5352.619	3303496.45	9.1216	P	0.9
5	☐	12500.000	13147.889	8091195.75	22.3015	A	0.2
6	☐	25000.000	25836.076	15757014.24	43.7542	A	0.8
7	☐	50000.000	50749.432	30861131.25	85.8767	A	1.1
8	☐	100000.00	99081.222	61377400.68	167.5941	A	0.3
9	☐	500000.00	500047.23	308612101.34	845.5310	A	0.1

$$y = 0.0017 * x + 0.0716$$

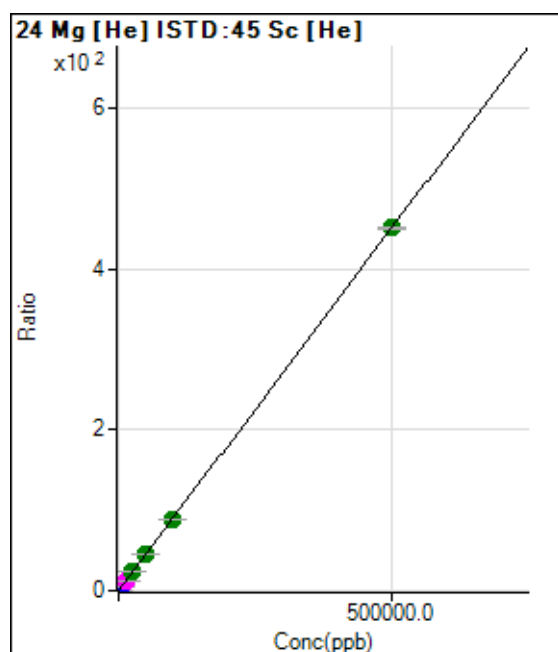
$$R = 1.0000$$

$$DL = 1.307$$

$$BEC = 42.35$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0004	P	20.4
2	☐	50.000					
3	☐	500.000	534.826	173772.91	0.4819	P	0.6
4	☐	5000.000	5277.147	1721004.94	4.7520	P	0.8
5	☐	12500.000	12998.625	4246135.73	11.7047	M	1.1
6	☐	25000.000	25506.126	8270910.43	22.9667	A	0.6
7	☐	50000.000	50055.486	16197152.97	45.0716	A	0.5
8	☐	100000.00	97320.165	32092126.07	87.6300	A	0.5
9	☐	500000.00	500489.84	164485202.29	450.6544	A	0.3

$$y = 9.0043\text{E-}004 * x + 3.5558\text{E-}004$$

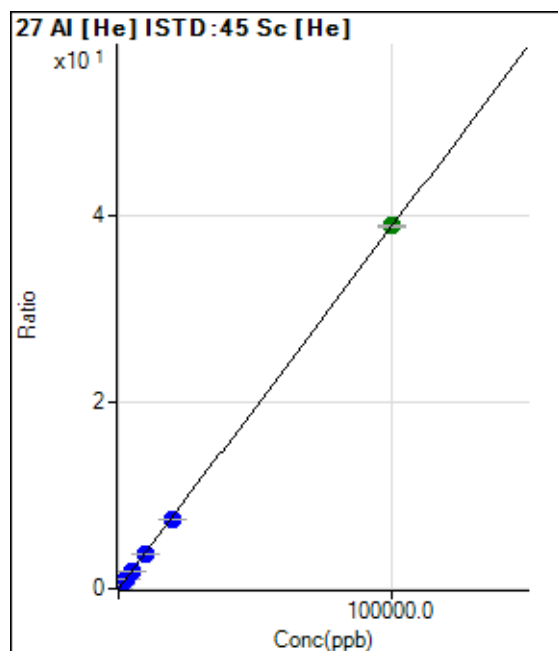
$$R = 1.0000$$

$$DL = 0.2413$$

$$BEC = 0.3949$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0001	P	32.8
2	☐	2.000					
3	☐	20.000	22.127	3133.81	0.0087	P	4.5
4	☐	1000.000	1001.711	140801.20	0.3888	P	0.3
5	☐	2500.000	2516.286	354232.91	0.9764	P	0.8
6	☐	5000.000	4910.608	686193.44	1.9054	P	0.5
7	☐	10000.000	9695.065	1351858.86	3.7618	P	0.5
8	☐	20000.000	18976.721	2696547.13	7.3630	P	0.3
9	☐	100000.00	100239.19	14195543.89	38.8928	A	0.5

$$y = 3.8800\text{E-}004 * x + 1.0597\text{E-}004$$

$$R = 0.9999$$

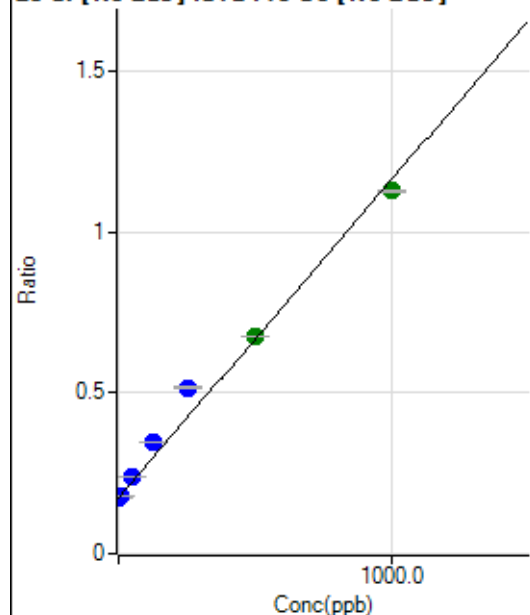
$$DL = 0.2691$$

$$BEC = 0.2731$$

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	1046341.22	0.1731	P	0.2
2	☐	1.000					
3	☐	10.000	5.289	1087789.92	0.1784	P	0.2
4	☐	50.000	68.938	1469353.91	0.2413	P	0.3
5	☐	125.000	173.156	2107418.30	0.3444	P	0.2
6	☐	250.000	346.559	3177462.51	0.5160	P	0.5
7	☐	500.000	508.675	4103481.78	0.6763	A	0.1
8	☐	1000.000	964.603	6901553.63	1.1274	A	0.3
9	☐			1172603.88	0.1943	P	0.4

$$y = 9.8925E-004 * x + 0.1731$$

$$R = 0.9937$$

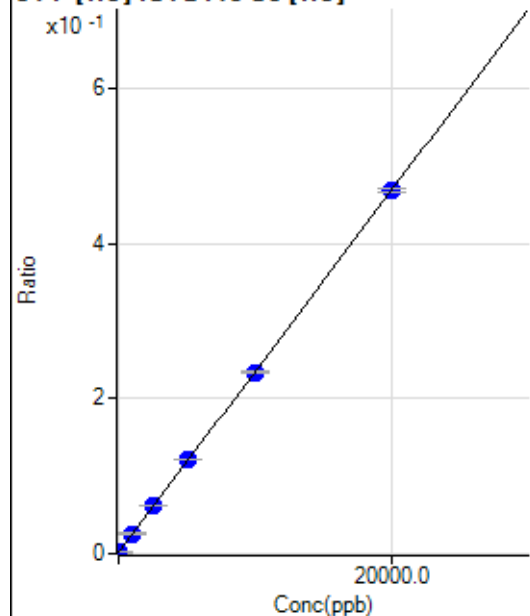
$$DL = 1.166$$

$$BEC = 175$$

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	-8.664	391.69	0.0011	P	13.1
2	☐	0.000					
3	☐	0.000	8.664	530.59	0.0015	P	13.9
4	☐	1000.000	1041.655	9267.15	0.0256	P	6.0
5	☐	2500.000	2611.977	22576.30	0.0622	P	2.5
6	☐	5000.000	5129.634	43572.97	0.1210	P	1.0
7	☐	10000.000	9963.124	84016.96	0.2338	P	1.3
8	☐	20000.000	19969.950	171151.86	0.4673	P	0.9
9	☐			472.25	0.0013	P	15.2

$$y = 2.3339E-005 * x + 0.0013$$

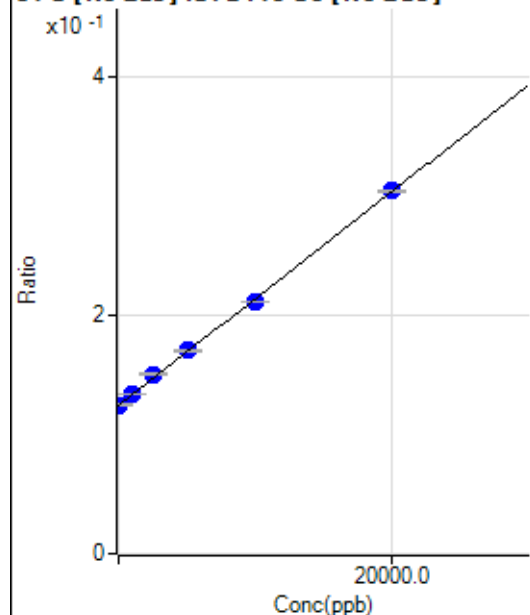
$$R = 1.0000$$

$$DL = 22.11$$

$$BEC = 54.37$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-23.982	749810.22	0.1241	P	0.3
2	☐	0.000					
3	☐	0.000	23.982	759270.36	0.1245	P	0.5
4	☐	1000.000	1053.448	814037.65	0.1337	P	0.5
5	☐	2500.000	2925.927	920456.13	0.1504	P	0.5
6	☐	5000.000	5134.669	1048023.31	0.1702	P	1.0
7	☐	10000.000	9658.105	1277831.77	0.2106	P	0.4
8	☐	20000.000	20081.367	1859696.46	0.3038	P	0.4
9	☐			648854.70	0.1075	P	1.0

$$y = 8.9385E-006 * x + 0.1243$$

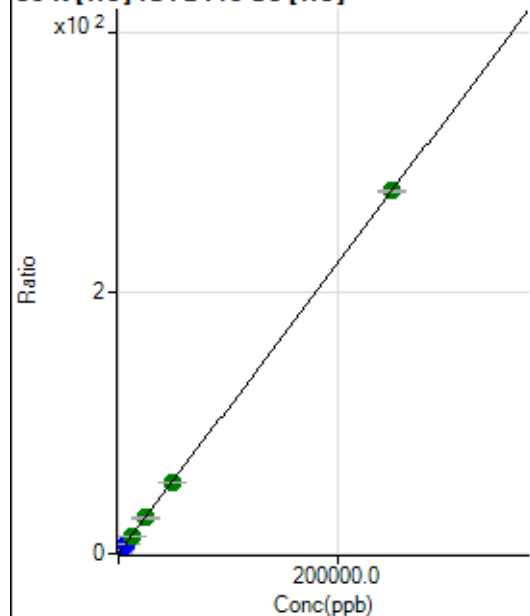
$$R = 0.9995$$

$$DL = 159.8$$

$$BEC = 1.39E+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74130.09	0.2019	P	0.7
2	☐	50.000					
3	☐	500.000	506.441	275790.15	0.7649	P	0.9
4	☐	2500.000	2521.257	1088064.42	3.0043	P	0.7
5	☐	6250.000	6298.510	2613188.17	7.2028	P	0.4
6	☐	12500.000	12268.229	4983464.13	13.8382	A	0.7
7	☐	25000.000	24455.140	9840933.81	27.3841	A	0.7
8	☐	50000.000	48587.366	19851581.35	54.2072	A	1.1
9	☐	250000.00	250347.16	101637827.97	278.4651	A	0.2

$$y = 0.0011 * x + 0.2019$$

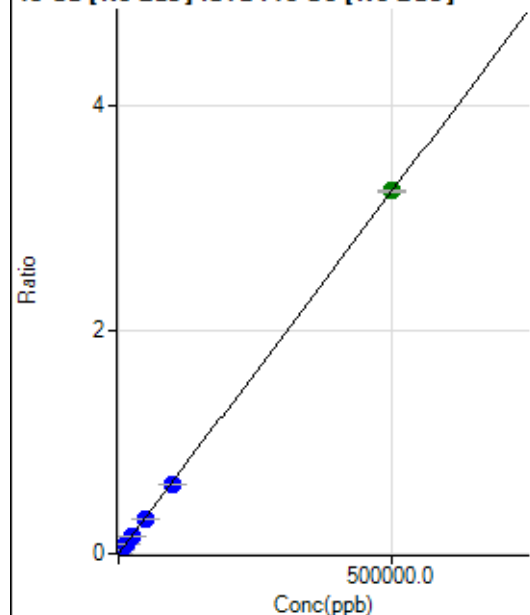
$$R = 1.0000$$

$$DL = 3.91$$

$$BEC = 181.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1036.19	0.0002	P	6.4
2	☐	50.000					
3	☐	500.000	489.944	20362.00	0.0033	P	1.3
4	☐	5000.000	4856.797	192216.59	0.0316	P	1.3
5	☐	12500.000	12133.804	481005.44	0.0786	P	0.5
6	☐	25000.000	24210.787	964938.00	0.1567	P	0.8
7	☐	50000.000	47942.174	1881498.41	0.3101	P	0.6
8	☐	100000.00	94711.614	3749450.26	0.6125	P	0.3
9	☐	500000.00	501313.51	19564864.85	3.2411	A	0.3

$$y = 6.4649\text{E-}006 * x + 1.7148\text{E-}004$$

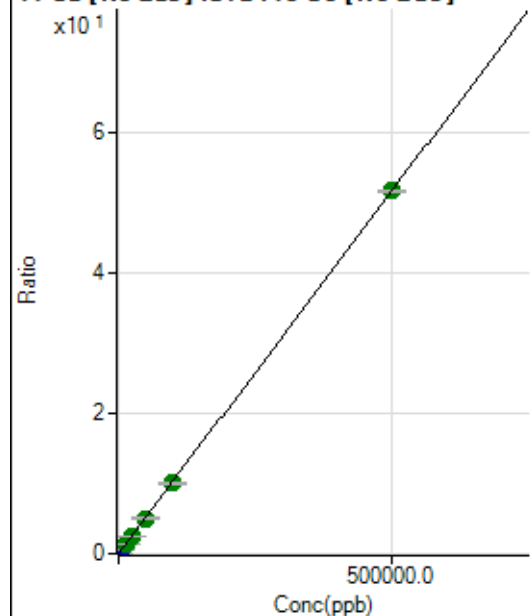
$$R = 0.9999$$

$$DL = 5.132$$

$$BEC = 26.53$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28703.74	0.0047	P	1.1
2	☐	50.000					
3	☐	500.000	492.807	338540.83	0.0555	P	0.2
4	☐	5000.000	4945.397	3130425.44	0.5142	P	0.4
5	☐	12500.000	12204.721	7721064.58	1.2619	A	0.8
6	☐	25000.000	24427.147	15524568.23	2.5209	A	0.9
7	☐	50000.000	48735.841	30487046.51	5.0249	A	1.4
8	☐	100000.00	96918.863	61144808.31	9.9881	A	0.6
9	☐	500000.00	500779.22	311420137.52	51.5885	A	0.5

$$y = 1.0301\text{E-}004 * x + 0.0047$$

$$R = 1.0000$$

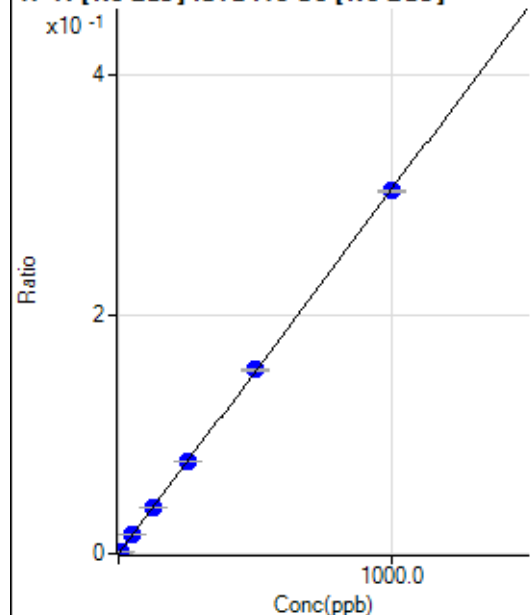
$$DL = 1.549$$

$$BEC = 46.11$$

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	172.23	0.0000	P	49.2
2	☐	0.500					
3	☐	5.000	4.961	9386.68	0.0015	P	2.2
4	☐	50.000	51.209	95119.71	0.0156	P	0.4
5	☐	125.000	127.327	237414.74	0.0388	P	0.5
6	☐	250.000	253.647	475855.10	0.0773	P	0.8
7	☐	500.000	504.970	933164.64	0.1538	P	0.3
8	☐	1000.000	996.252	1857432.59	0.3034	P	0.3
9	☐			1325.12	0.0002	P	14.7

$$y = 3.0453\text{E-}004 * x + 2.8568\text{E-}005$$

$$R = 1.0000$$

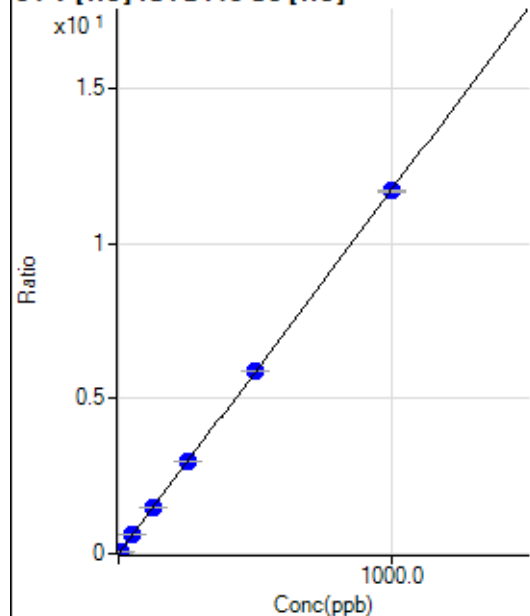
$$DL = 0.1385$$

$$BEC = 0.09381$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15.55	0.0000	P	24.5
2	☐	0.500					
3	☐	5.000	5.030	21296.67	0.0591	P	1.9
4	☐	50.000	50.739	215632.34	0.5954	P	0.6
5	☐	125.000	127.124	541164.29	1.4917	P	0.7
6	☐	250.000	252.234	1065877.92	2.9597	P	0.3
7	☐	500.000	502.659	2119558.49	5.8981	P	0.1
8	☐	1000.000	997.809	4287728.38	11.7080	P	0.6
9	☐			1332.30	0.0037	P	4.9

$$y = 0.0117 * x + 4.2357\text{E-}005$$

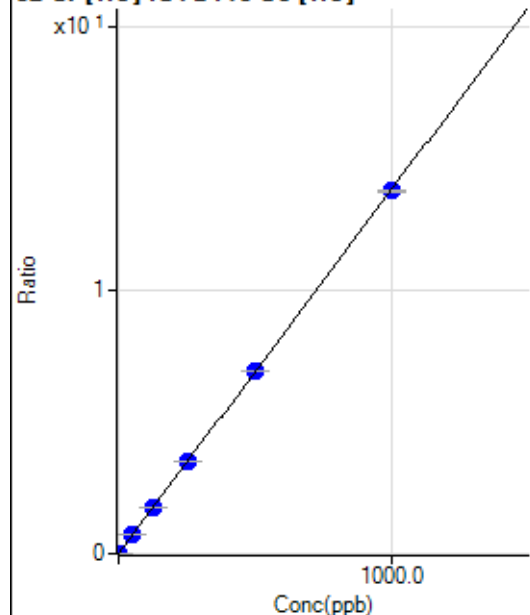
$$R = 1.0000$$

$$DL = 0.002657$$

$$BEC = 0.00361$$

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	1504.55	0.0041	P	6.5
2	☐	0.200					
3	☐	2.000	2.124	12061.76	0.0335	P	2.2
4	☐	50.000	51.559	259480.88	0.7165	P	0.9
5	☐	125.000	128.667	646444.54	1.7818	P	0.7
6	☐	250.000	254.609	1268351.55	3.5219	P	0.5
7	☐	500.000	503.654	2502209.15	6.9629	P	0.2
8	☐	1000.000	996.484	5043697.15	13.7721	P	0.4
9	☐			124512.19	0.3411	P	0.7

$$y = 0.0138 * x + 0.0041$$

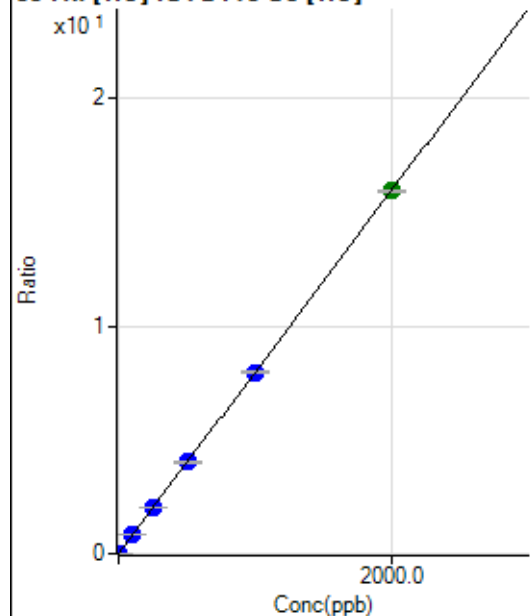
$$R = 1.0000$$

$$DL = 0.05743$$

$$BEC = 0.2967$$

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	54.44	0.0001	P	34.9
2	☐	0.100					
3	☐	1.000	1.051	3077.04	0.0085	P	1.1
4	☐	100.000	101.753	294067.49	0.8120	P	0.9
5	☐	250.000	255.238	738880.21	2.0366	P	0.2
6	☐	500.000	503.993	1448168.01	4.0213	P	0.5
7	☐	1000.000	1000.393	2868382.39	7.9818	P	0.4
8	☐	2000.000	1998.063	5838308.24	15.9417	A	0.5
9	☐			18567.48	0.0509	P	2.0

$$y = 0.0080 * x + 1.4837E-004$$

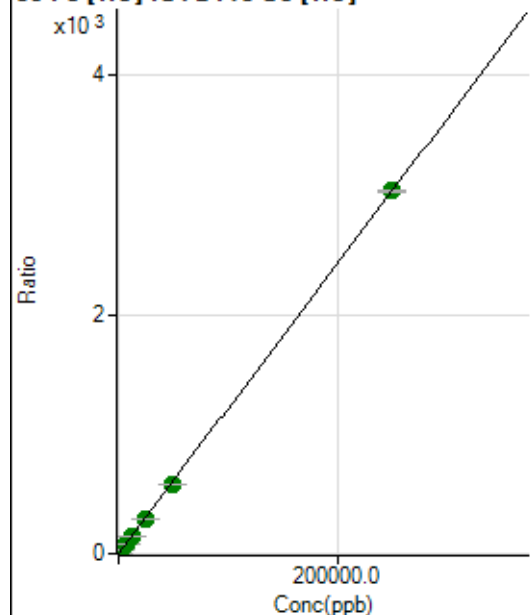
$$R = 1.0000$$

$$DL = 0.01948$$

$$BEC = 0.0186$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7255.72	0.0198	P	2.1
2	☐	5.000					
3	☐	50.000	49.272	222221.45	0.6163	P	0.3
4	☐	2500.000	2431.827	10670041.67	29.4615	A	0.6
5	☐	6250.000	6116.556	26872077.45	74.0720	A	1.1
6	☐	12500.000	12158.985	53019660.44	147.2268	A	0.8
7	☐	25000.000	24084.123	104792327.34	291.6027	A	0.4
8	☐	50000.000	47750.087	211720295.47	578.1231	A	0.8
9	☐	250000.00	250562.63	1107225069.1	3,033.545	A	0.4

$$y = 0.0121 * x + 0.0198$$

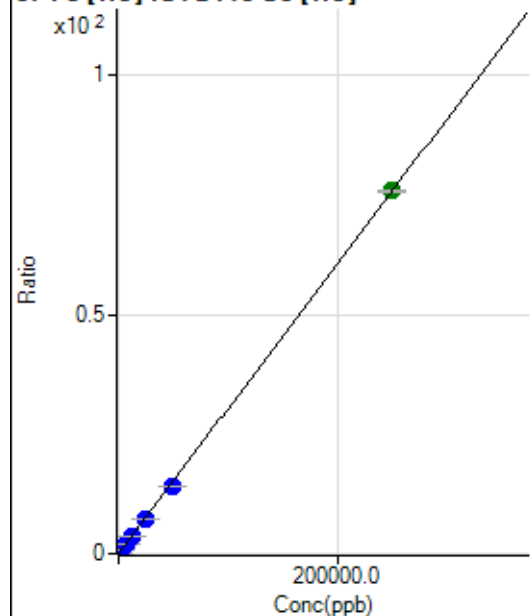
$$R = 1.0000$$

$$DL = 0.1043$$

$$BEC = 1.633$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	179.64	0.0005	P	6.4
2	☐	5.000					
3	☐	50.000	48.089	5423.38	0.0150	P	4.8
4	☐	2500.000	2402.055	263432.86	0.7274	P	0.9
5	☐	6250.000	6044.422	663770.25	1.8296	P	0.9
6	☐	12500.000	11933.180	1300604.05	3.6116	P	0.8
7	☐	25000.000	23660.759	2573189.32	7.1604	P	0.1
8	☐	50000.000	46649.135	5169920.19	14.1169	P	0.7
9	☐	250000.00	250838.55	27705238.82	75.9062	A	0.3

$$y = 3.0261E-004 * x + 4.8936E-004$$

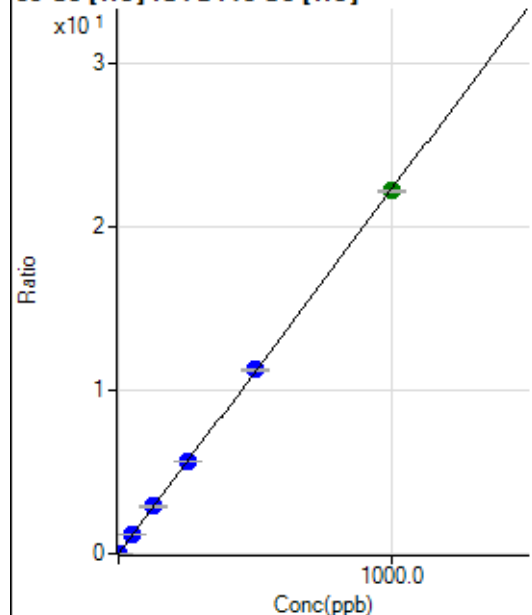
$$R = 0.9999$$

$$DL = 0.3099$$

$$BEC = 1.617$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.67	0.0003	P	21.5
2	☐	0.100					
3	☐	1.000	1.045	8504.79	0.0236	P	0.5
4	☐	50.000	51.888	419616.60	1.1586	P	0.1
5	☐	125.000	129.506	1048932.43	2.8913	P	0.9
6	☐	250.000	254.117	2043037.38	5.6731	P	0.9
7	☐	500.000	504.441	4046912.37	11.2613	P	0.1
8	☐	1000.000	996.092	8144024.05	22.2368	A	0.4
9	☐			10400.51	0.0285	P	2.8

$$y = 0.0223 * x + 2.6332E-004$$

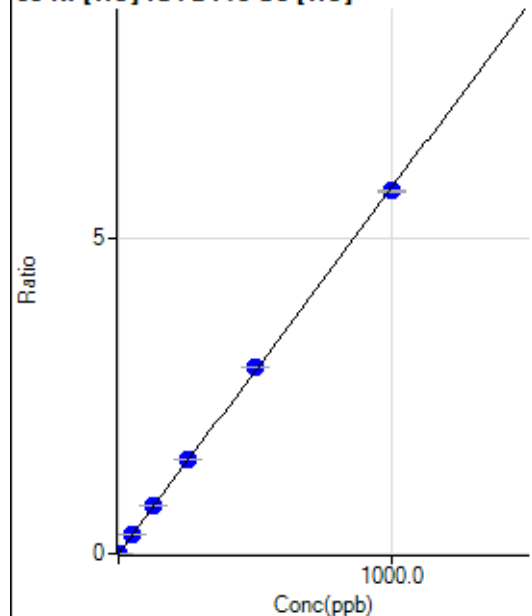
$$R = 1.0000$$

$$DL = 0.007604$$

$$BEC = 0.0118$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0002	P	29.0
2	☐	0.100					
3	☐	1.000	1.079	2334.67	0.0065	P	4.6
4	☐	50.000	52.639	110717.39	0.3057	P	0.9
5	☐	125.000	131.842	277679.63	0.7654	P	0.3
6	☐	250.000	257.209	537663.04	1.4930	P	0.1
7	☐	500.000	510.502	1064779.21	2.9630	P	0.6
8	☐	1000.000	991.960	2108406.18	5.7572	P	0.5
9	☐			31447.16	0.0862	P	0.2

$$y = 0.0058 * x + 2.1501E-004$$

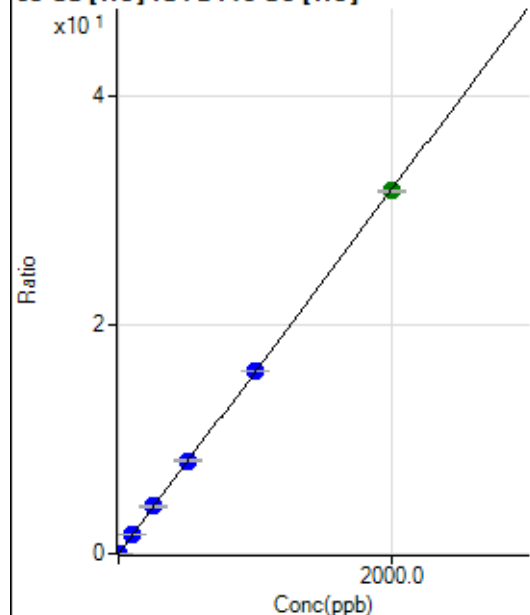
$$R = 0.9999$$

$$DL = 0.03219$$

$$BEC = 0.03705$$

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	642.25	0.0017	P	13.6
2	☐	0.200					
3	☐	2.000	2.190	13159.43	0.0365	P	2.8
4	☐	100.000	104.324	600167.95	1.6572	P	0.8
5	☐	250.000	259.240	1493048.14	4.1154	P	0.5
6	☐	500.000	511.710	2924921.14	8.1216	P	0.4
7	☐	1000.000	1003.461	5722790.33	15.9248	P	0.5
8	☐	2000.000	1993.971	11588547.19	31.6422	A	0.3
9	☐			19366.43	0.0531	P	1.4

$$y = 0.0159 * x + 0.0017$$

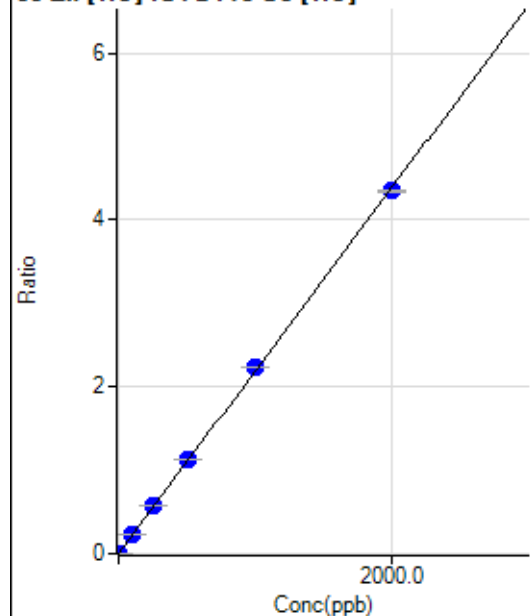
$$R = 1.0000$$

$$DL = 0.04504$$

$$BEC = 0.1103$$

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	84.45	0.0002	P	36.9
2	☐	0.200					
3	☐	2.000	2.249	1859.04	0.0052	P	2.2
4	☐	100.000	104.945	83339.42	0.2301	P	0.6
5	☐	250.000	261.130	207594.92	0.5722	P	0.9
6	☐	500.000	513.098	404850.39	1.1242	P	0.2
7	☐	1000.000	1019.946	802959.60	2.2344	P	0.3
8	☐	2000.000	1985.114	1592564.37	4.3486	P	0.4
9	☐			6543.82	0.0179	P	1.7

$$y = 0.0022 * x + 2.3018E-004$$

$$R = 0.9999$$

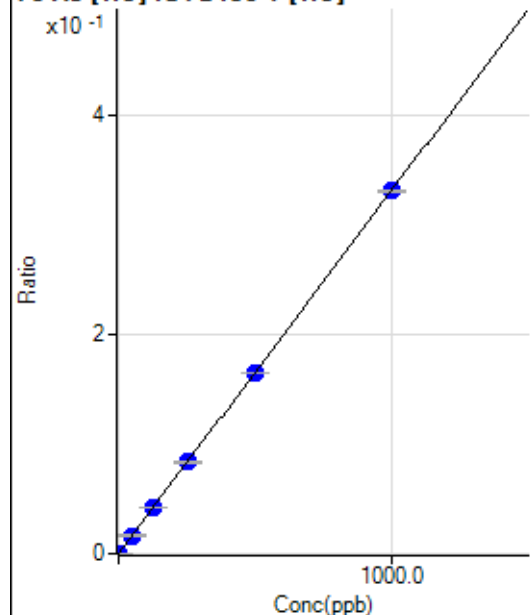
$$DL = 0.1164$$

$$BEC = 0.1051$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.96	0.0000	P	24.5
2	☐	0.100					
3	☐	1.000	1.033	656.81	0.0003	P	3.4
4	☐	50.000	50.285	31490.24	0.0167	P	0.3
5	☐	125.000	127.502	80188.36	0.0423	P	1.0
6	☐	250.000	251.712	157463.85	0.0835	P	0.7
7	☐	500.000	499.613	316057.89	0.1657	P	0.1
8	☐	1000.000	999.438	644810.08	0.3314	P	0.8
9	☐			953.74	0.0005	P	2.4

$$y = 3.3157\text{E-}004 * x + 6.8293\text{E-}006$$

$$R = 1.0000$$

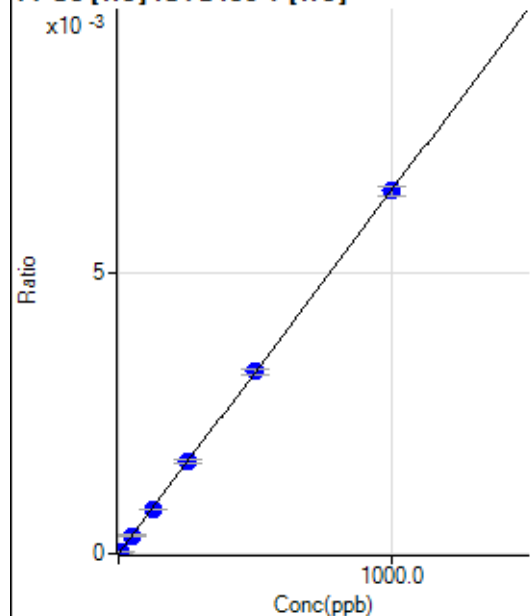
$$DL = 0.01514$$

$$BEC = 0.0206$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.851	61.11	0.0000	P	8.1
4	☐	50.000	49.727	608.91	0.0003	P	10.9
5	☐	125.000	121.420	1490.10	0.0008	P	0.4
6	☐	250.000	254.138	3100.38	0.0016	P	4.4
7	☐	500.000	500.537	6172.53	0.0032	P	3.0
8	☐	1000.000	999.159	12562.28	0.0065	P	2.5
9	☐			36.67	0.0000	P	41.9

$$y = 6.4611\text{E-}006 * x + 1.1721\text{E-}006$$

$$R = 1.0000$$

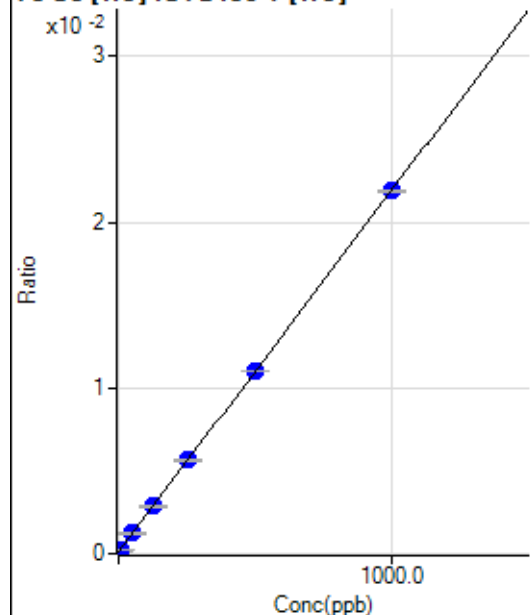
$$DL = 0.9426$$

$$BEC = 0.1814$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	229.02	0.0001	P	11.2
2	☐	0.500					
3	☐	5.000	5.208	440.13	0.0002	P	11.2
4	☐	50.000	50.626	2309.46	0.0012	P	1.3
5	☐	125.000	125.621	5419.58	0.0029	P	3.8
6	☐	250.000	254.049	10665.73	0.0057	P	1.1
7	☐	500.000	499.180	20972.01	0.0110	P	0.6
8	☐	1000.000	999.288	42583.25	0.0219	P	0.2
9	☐			343.22	0.0002	P	11.1

$$y = 2.1779\text{E-}005 * x + 1.2072\text{E-}004$$

R = 1.0000

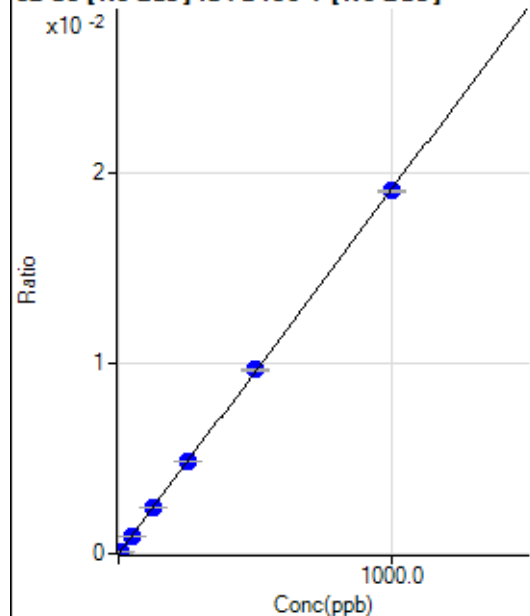
DL = 1.864

BEC = 5.543

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-20.04	0.0000	P	-298.
2	☐	0.500					
3	☐	5.000	4.769	949.35	0.0001	P	23.2
4	☐	50.000	49.398	10025.82	0.0009	P	1.9
5	☐	125.000	126.053	25744.10	0.0024	P	1.5
6	☐	250.000	253.323	52576.79	0.0049	P	1.3
7	☐	500.000	505.180	103691.13	0.0097	P	0.8
8	☐	1000.000	996.479	208370.98	0.0191	P	0.7
9	☐			295.59	0.0000	P	13.6

$$y = 1.9165\text{E-}005 * x - 1.9160\text{E-}006$$

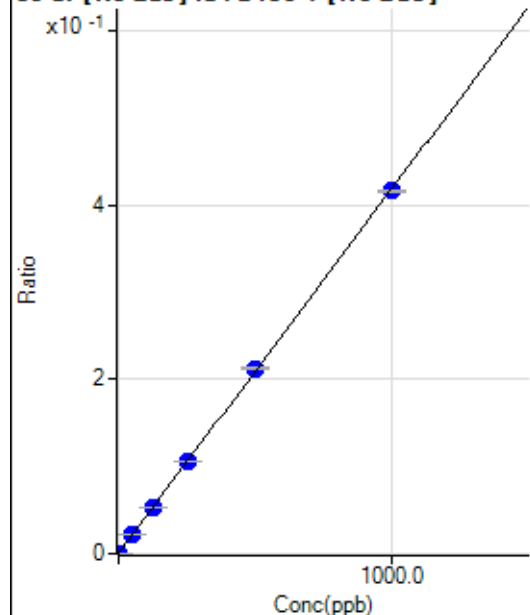
R = 1.0000

DL = 0.8959

BEC = -0.09997

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4906.61	0.0005	P	6.9
2	☐	0.100					
3	☐	1.000	1.003	9359.01	0.0009	P	3.1
4	☐	50.000	50.697	229406.83	0.0216	P	0.4
5	☐	125.000	126.934	569851.85	0.0534	P	0.3
6	☐	250.000	253.303	1150131.51	0.1062	P	0.6
7	☐	500.000	507.059	2271412.18	0.2120	P	1.0
8	☐	1000.000	995.368	4537168.03	0.4158	P	0.7
9	☐			149052.09	0.0141	P	1.4

$$y = 4.1727\text{E-}004 * x + 4.6423\text{E-}004$$

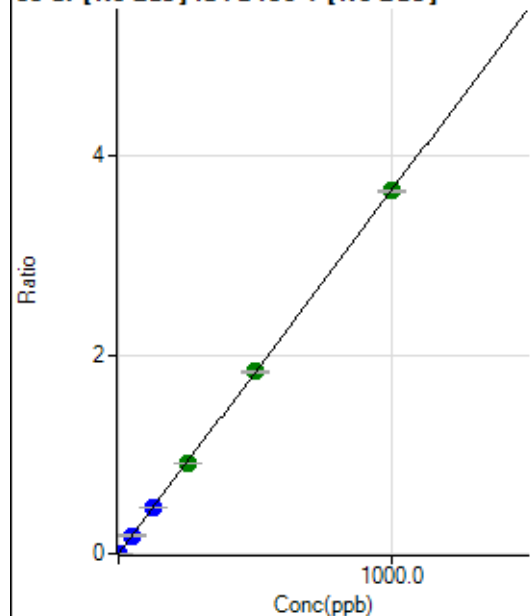
$$R = 1.0000$$

$$DL = 0.2318$$

$$BEC = 1.113$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.91	0.0000	P	32.2
2	☐	0.100					
3	☐	1.000	1.033	40332.75	0.0038	P	2.1
4	☐	50.000	50.290	1950782.44	0.1838	P	0.8
5	☐	125.000	125.741	4901903.32	0.4596	P	0.5
6	☐	250.000	250.211	9908249.87	0.9146	A	0.3
7	☐	500.000	501.542	19637023.70	1.8332	A	0.9
8	☐	1000.000	999.069	39846087.70	3.6516	A	0.7
9	☐			1248157.21	0.1180	P	0.5

$$y = 0.0037 * x + 2.7382\text{E-}005$$

$$R = 1.0000$$

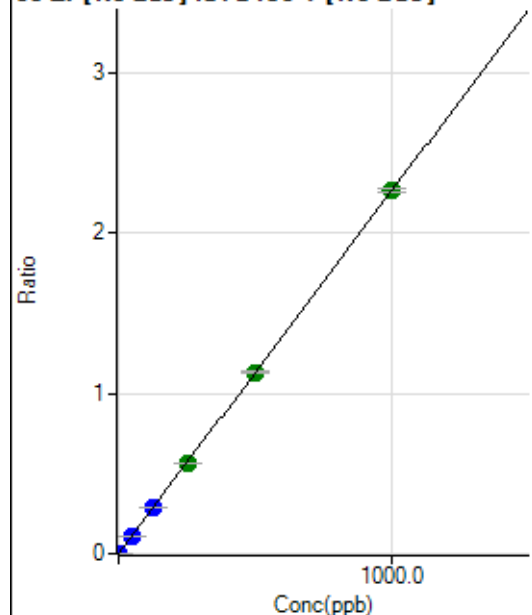
$$DL = 0.00724$$

$$BEC = 0.007492$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1072.31	0.0001	P	15.7
2	☐	0.100					
3	☐	1.000	0.822	20765.80	0.0020	P	2.9
4	☐	50.000	49.283	1182564.50	0.1114	P	0.3
5	☐	125.000	125.281	3019709.83	0.2831	P	0.4
6	☐	250.000	249.911	6117851.26	0.5647	A	0.5
7	☐	500.000	498.827	12072682.22	1.1270	A	1.1
8	☐	1000.000	1000.610	24667513.40	2.2607	A	1.2
9	☐			5637.42	0.0005	P	0.4

$$y = 0.0023 * x + 1.0148E-004$$

$$R = 1.0000$$

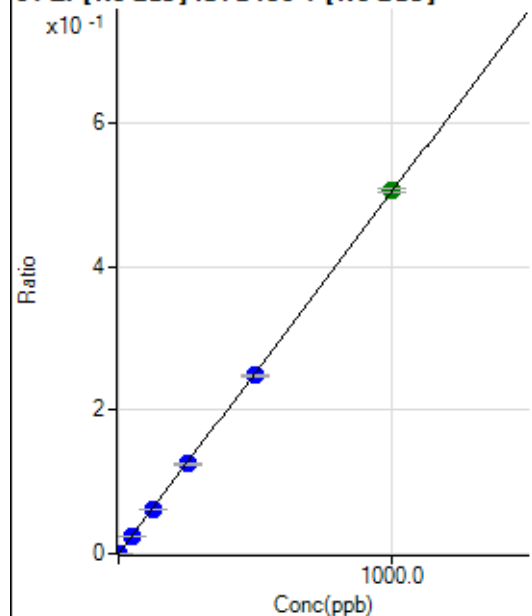
$$DL = 0.02114$$

$$BEC = 0.04492$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	31.5
2	☐	0.100					
3	☐	1.000	0.834	4625.97	0.0004	P	1.6
4	☐	50.000	49.138	262489.97	0.0247	P	0.4
5	☐	125.000	124.070	665859.23	0.0624	P	1.1
6	☐	250.000	247.802	1350747.75	0.1247	P	0.4
7	☐	500.000	494.121	2662884.74	0.2486	P	1.2
8	☐	1000.000	1003.649	5509529.46	0.5049	A	1.0
9	☐			1152.88	0.0001	P	3.3

$$y = 5.0307E-004 * x + 1.6820E-005$$

$$R = 1.0000$$

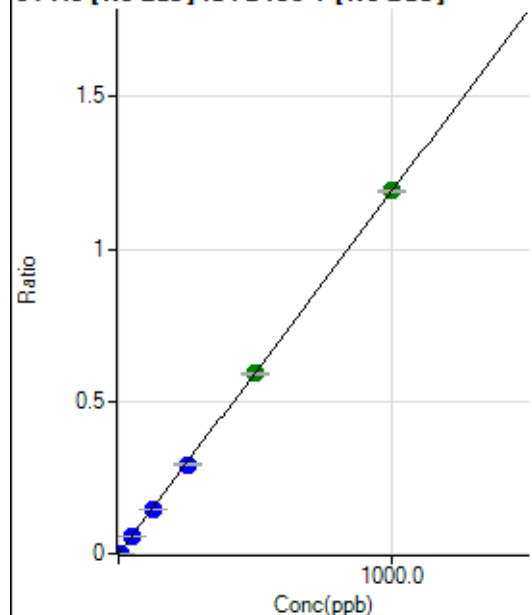
$$DL = 0.03157$$

$$BEC = 0.03344$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	447.25	0.0000	P	23.0
2	☐	0.500					
3	☐	5.000	2.055	26336.31	0.0025	P	1.2
4	☐	50.000	48.777	615277.87	0.0580	P	0.7
5	☐	125.000	123.166	1560768.73	0.1463	P	1.0
6	☐	250.000	246.358	3170801.13	0.2927	P	0.7
7	☐	500.000	498.246	6340143.41	0.5919	A	1.0
8	☐	1000.000	1002.093	12988927.63	1.1904	A	0.8
9	☐			27291.16	0.0026	P	9.1

$$y = 0.0012 * x + 4.2326E-005$$

$$R = 1.0000$$

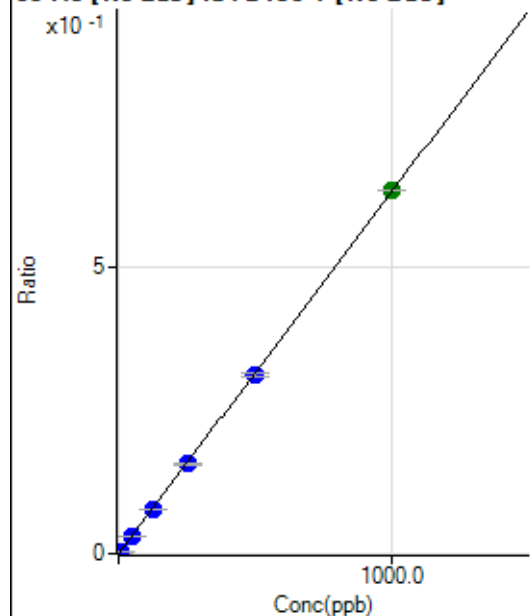
$$DL = 0.0246$$

$$BEC = 0.03563$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.24	0.0000	P	31.5
2	☐	0.500					
3	☐	5.000	4.850	32705.16	0.0031	P	1.3
4	☐	50.000	48.859	327970.13	0.0309	P	0.5
5	☐	125.000	123.566	833340.99	0.0781	P	0.4
6	☐	250.000	247.839	1697670.02	0.1567	P	1.1
7	☐	500.000	494.751	3350601.20	0.3128	P	1.3
8	☐	1000.000	1003.402	6922286.61	0.6344	A	0.2
9	☐			44083.22	0.0042	P	8.1

$$y = 6.3219E-004 * x + 1.8643E-005$$

$$R = 1.0000$$

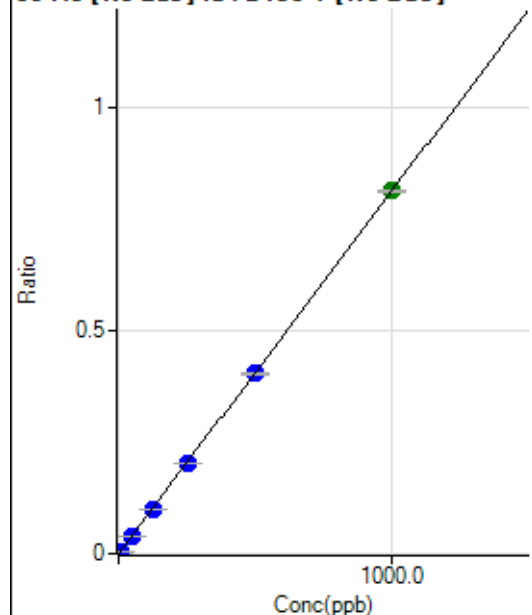
$$DL = 0.02791$$

$$BEC = 0.02949$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.57	0.0000	P	23.3
2	☐	0.500					
3	☐	5.000	4.215	36586.83	0.0035	P	0.7
4	☐	50.000	49.381	425645.62	0.0401	P	0.3
5	☐	125.000	124.330	1076636.16	0.1009	P	0.2
6	☐	250.000	249.751	2196581.45	0.2028	P	0.6
7	☐	500.000	497.377	4324994.76	0.4037	P	0.8
8	☐	1000.000	1001.493	8870636.05	0.8129	A	0.7
9	☐			54457.95	0.0051	P	6.8

$$y = 8.1170\text{E-}004 * x + 2.8897\text{E-}005$$

$$R = 1.0000$$

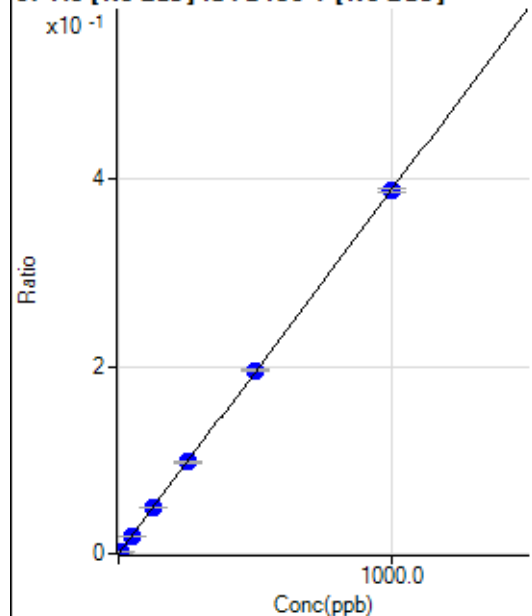
$$DL = 0.02487$$

$$BEC = 0.0356$$

Weight: <None>

Min Conc: 0

97 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	25.4
2	☐	0.500					
3	☐	5.000	4.998	20752.09	0.0020	P	2.4
4	☐	50.000	49.445	204047.14	0.0192	P	1.3
5	☐	125.000	126.194	523164.47	0.0491	P	0.4
6	☐	250.000	251.351	1058325.74	0.0977	P	0.8
7	☐	500.000	503.439	2095780.41	0.1956	P	0.8
8	☐	1000.000	997.821	4231050.53	0.3878	P	0.9
9	☐			27833.79	0.0026	P	6.7

$$y = 3.8859\text{E-}004 * x + 1.5210\text{E-}005$$

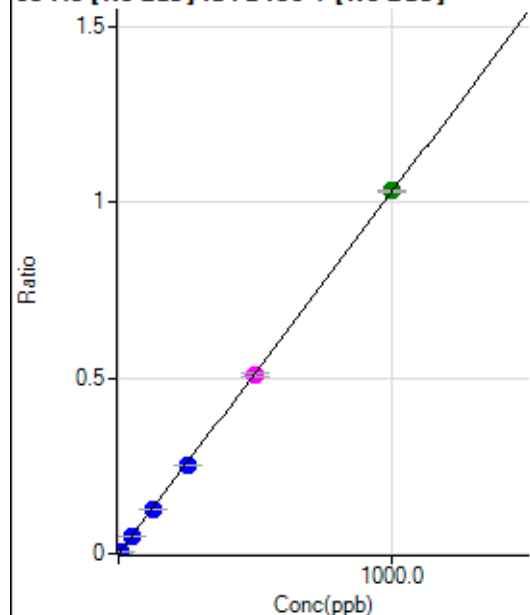
$$R = 1.0000$$

$$DL = 0.02979$$

$$BEC = 0.03914$$

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	338.91	0.0000	P	33.2
2	☐	0.500					
3	☐	5.000	4.881	53495.99	0.0050	P	1.2
4	☐	50.000	48.584	529847.23	0.0499	P	0.6
5	☐	125.000	122.425	1341388.76	0.1258	P	0.7
6	☐	250.000	245.199	2728734.67	0.2519	P	0.2
7	☐	500.000	495.461	5450897.30	0.5089	M	2.3
8	☐	1000.000	1003.863	11250882.46	1.0311	A	0.7
9	☐			69816.63	0.0066	P	7.7

$$y = 0.0010 * x + 3.2023E-005$$

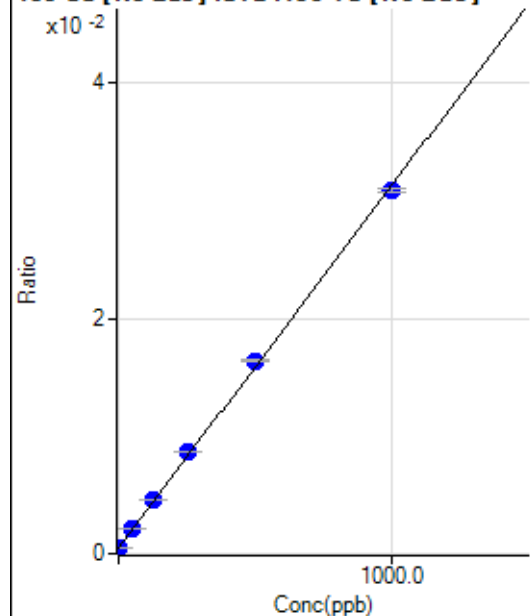
$$R = 1.0000$$

$$DL = 0.03108$$

$$BEC = 0.03118$$

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	5384.62	0.0005	P	5.2
2	☐	0.100					
3	☐	1.000	1.588	6146.04	0.0005	P	1.0
4	☐	50.000	54.024	24747.42	0.0021	P	0.4
5	☐	125.000	134.945	54291.07	0.0046	P	0.3
6	☐	250.000	266.045	103768.05	0.0087	P	0.3
7	☐	500.000	517.427	200102.26	0.0164	P	0.5
8	☐	1000.000	985.830	386939.14	0.0309	P	1.0
9	☐			5848.73	0.0005	P	3.6

$$y = 3.0814E-005 * x + 4.8305E-004$$

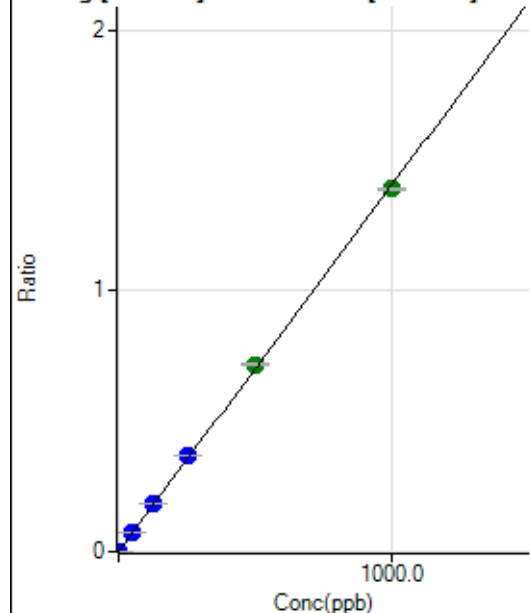
$$R = 0.9996$$

$$DL = 2.441$$

$$BEC = 15.68$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	30.0
2	☐	0.100					
3	☐	1.000	0.784	12809.15	0.0011	P	2.7
4	☐	50.000	53.958	872987.64	0.0758	P	0.7
5	☐	125.000	132.732	2179984.71	0.1864	P	0.4
6	☐	250.000	261.036	4381004.66	0.3665	P	0.7
7	☐	500.000	510.503	8731037.78	0.7168	A	1.0
8	☐	1000.000	990.825	17442690.67	1.3911	A	0.7
9	☐			1883.54	0.0002	P	2.6

$$y = 0.0014 * x + 7.7118E-006$$

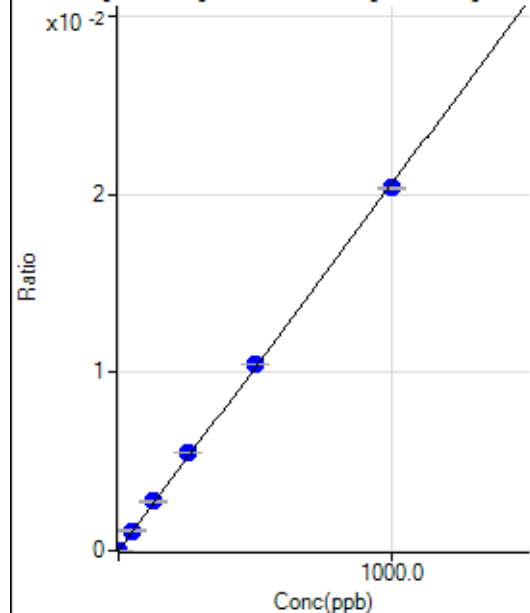
$$R = 0.9998$$

$$DL = 0.00494$$

$$BEC = 0.005493$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.61	0.0000	P	45.3
2	☐	0.100					
3	☐	1.000	1.036	270.84	0.0000	P	8.0
4	☐	50.000	54.372	12914.47	0.0011	P	3.2
5	☐	125.000	133.807	32227.15	0.0028	P	2.0
6	☐	250.000	265.347	65281.71	0.0055	P	0.3
7	☐	500.000	509.549	127725.93	0.0105	P	0.3
8	☐	1000.000	990.069	255427.02	0.0204	P	0.5
9	☐			65.28	0.0000	P	22.3

$$y = 2.0574E-005 * x + 2.1260E-006$$

$$R = 0.9998$$

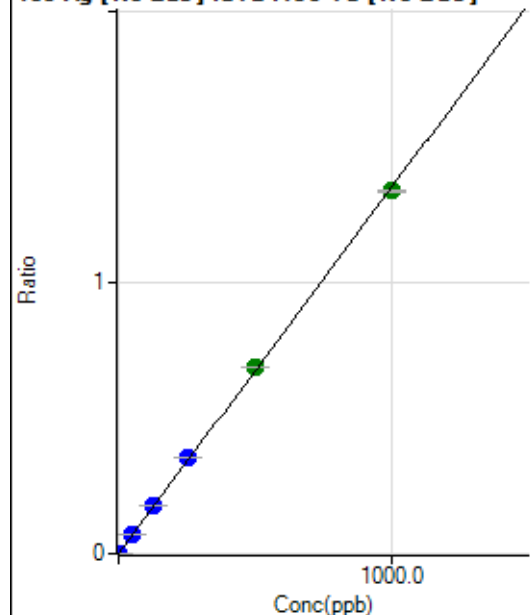
$$DL = 0.1404$$

$$BEC = 0.1033$$

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	69.45	0.0000	P	36.2
2	☐	0.100					
3	☐	1.000	0.785	12314.17	0.0011	P	3.4
4	☐	50.000	53.926	838251.38	0.0728	P	0.8
5	☐	125.000	133.236	2102472.62	0.1797	P	0.3
6	☐	250.000	262.189	4227839.81	0.3537	P	0.7
7	☐	500.000	509.576	8373539.60	0.6874	A	0.3
8	☐	1000.000	990.939	16760794.82	1.3368	A	0.6
9	☐			1775.19	0.0002	P	4.7

$$y = 0.0013 * x + 6.2265E-006$$

$$R = 0.9998$$

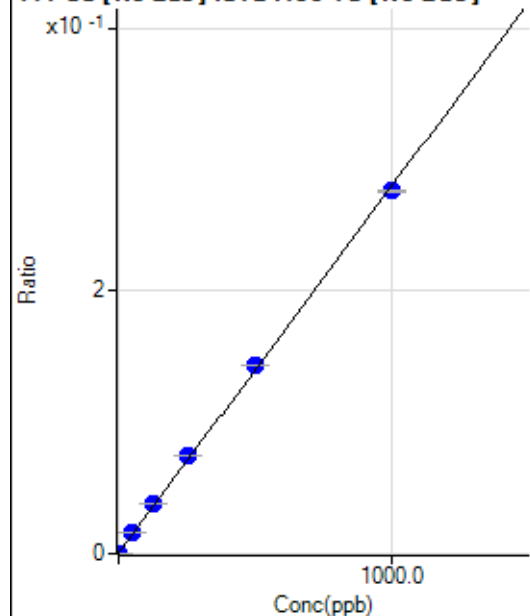
$$DL = 0.005007$$

$$BEC = 0.004616$$

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	3759.65	0.0003	P	5.3
2	☐	0.100					
3	☐	1.000	1.162	7643.72	0.0007	P	2.0
4	☐	50.000	54.677	179698.11	0.0156	P	0.3
5	☐	125.000	135.558	446457.77	0.0382	P	0.4
6	☐	250.000	267.367	895902.69	0.0750	P	0.8
7	☐	500.000	512.464	1746157.23	0.1433	P	0.7
8	☐	1000.000	987.872	3460840.07	0.2760	P	0.5
9	☐			4670.67	0.0004	P	3.0

$$y = 2.7907E-004 * x + 3.3727E-004$$

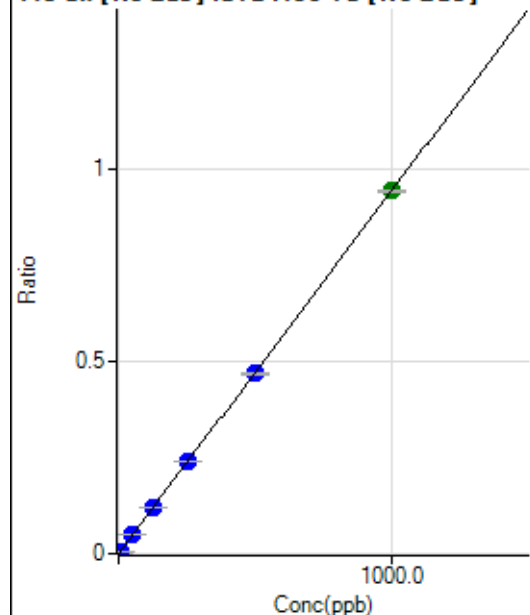
$$R = 0.9997$$

$$DL = 0.1921$$

$$BEC = 1.209$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	933.41	0.0001	P	13.0
2	☐	0.500					
3	☐	5.000	5.305	58793.40	0.0051	P	1.4
4	☐	50.000	51.730	563345.05	0.0489	P	0.4
5	☐	125.000	128.732	1421748.16	0.1215	P	0.6
6	☐	250.000	255.157	2878748.18	0.2408	P	0.2
7	☐	500.000	495.751	5698762.11	0.4678	P	0.6
8	☐	1000.000	1000.281	11834547.66	0.9439	A	0.4
9	☐			13070.51	0.0011	P	11.1

$$y = 9.4352\text{E-}004 * x + 8.3729\text{E-}005$$

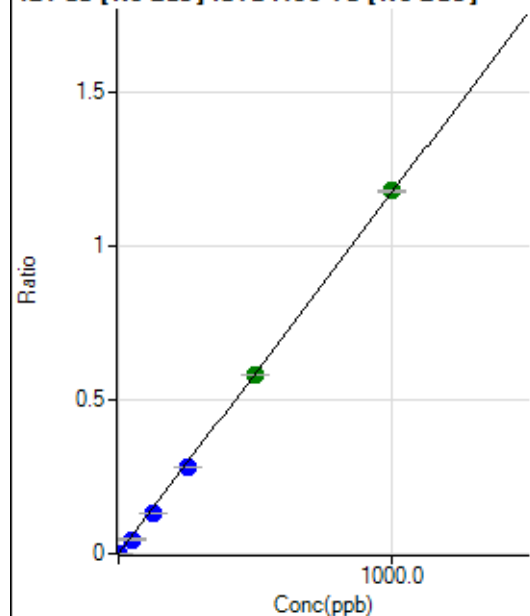
$$R = 1.0000$$

$$DL = 0.0346$$

$$BEC = 0.08874$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2316.97	0.0002	P	10.7
2	☐	0.200					
3	☐	2.000	1.978	29228.60	0.0025	P	2.5
4	☐	50.000	39.718	539546.45	0.0468	P	1.6
5	☐	125.000	113.563	1561511.42	0.1335	P	1.1
6	☐	250.000	238.812	3352931.93	0.2805	P	0.4
7	☐	500.000	496.777	7104841.74	0.5833	A	0.5
8	☐	1000.000	1006.352	14811894.95	1.1813	A	0.8
9	☐			74423.22	0.0063	P	6.6

$$y = 0.0012 * x + 2.0793\text{E-}004$$

$$R = 0.9999$$

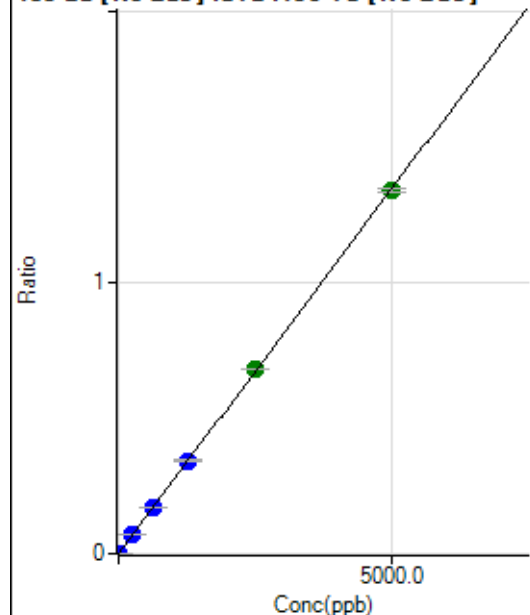
$$DL = 0.05705$$

$$BEC = 0.1772$$

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	44.45	0.0000	P	9.8
2	☐	1.000					
3	☐	10.000	10.509	32725.64	0.0028	P	2.4
4	☐	250.000	257.851	799765.34	0.0694	P	0.1
5	☐	625.000	641.114	2018651.00	0.1726	P	0.2
6	☐	1250.000	1273.919	4098903.56	0.3429	P	0.8
7	☐	2500.000	2532.978	8305309.56	0.6818	A	0.7
8	☐	5000.000	4975.123	16790756.10	1.3392	A	0.9
9	☐			5442.98	0.0005	P	7.9

$$y = 2.6917\text{E-}004 * x + 3.9863\text{E-}006$$

$$R = 1.0000$$

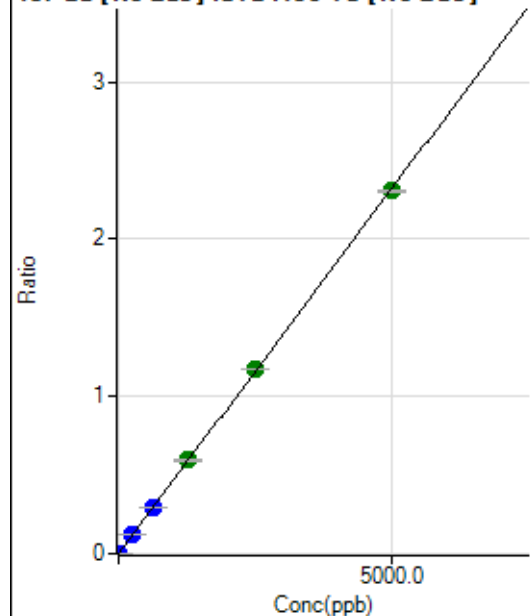
$$DL = 0.004348$$

$$BEC = 0.01481$$

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	44.45	0.0000	P	71.2
2	☐	1.000					
3	☐	10.000	10.414	55824.36	0.0048	P	0.6
4	☐	250.000	257.046	1373110.72	0.1192	P	0.6
5	☐	625.000	641.524	3478979.59	0.2974	P	0.3
6	☐	1250.000	1280.823	7097787.23	0.5938	A	1.1
7	☐	2500.000	2530.483	14290303.09	1.1731	A	0.1
8	☐	5000.000	4974.634	28916564.88	2.3063	A	0.6
9	☐			8764.21	0.0007	P	2.6

$$y = 4.6360\text{E-}004 * x + 4.0064\text{E-}006$$

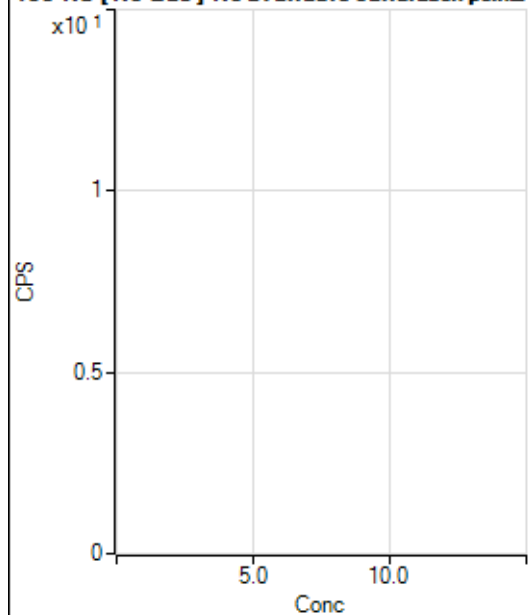
$$R = 0.9999$$

$$DL = 0.01845$$

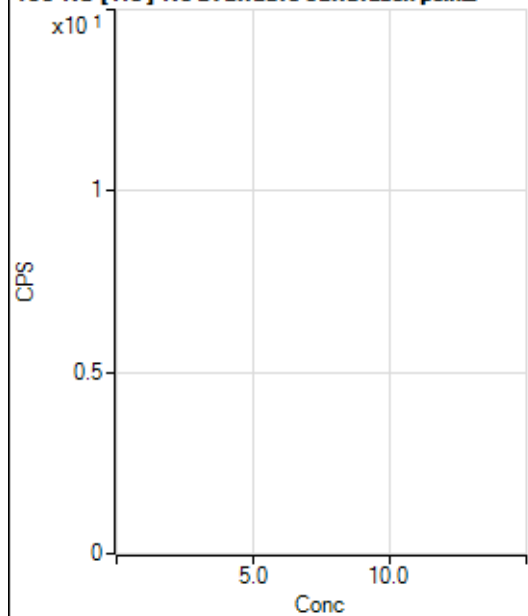
$$BEC = 0.008642$$

Weight: <None>

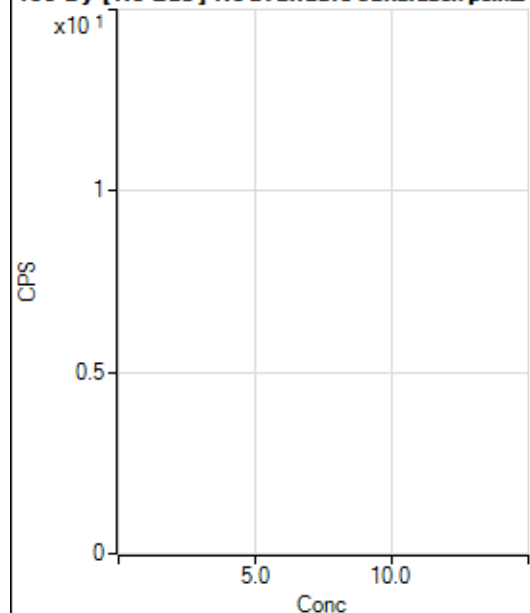
Min Conc: 0

150 Nd [No Gas] No available calibration points

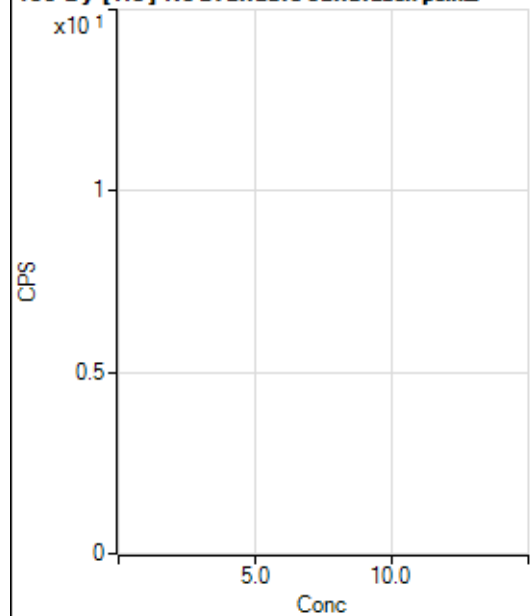
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			6.67		P	100.0
4	☐			31.11		P	32.7
5	☐			95.56		P	42.6
6	☐			262.24		P	3.9
7	☐			444.47		P	23.9
8	☐			902.29		P	1.5
9	☐			191.12		P	20.4

150 Nd [He] No available calibration points

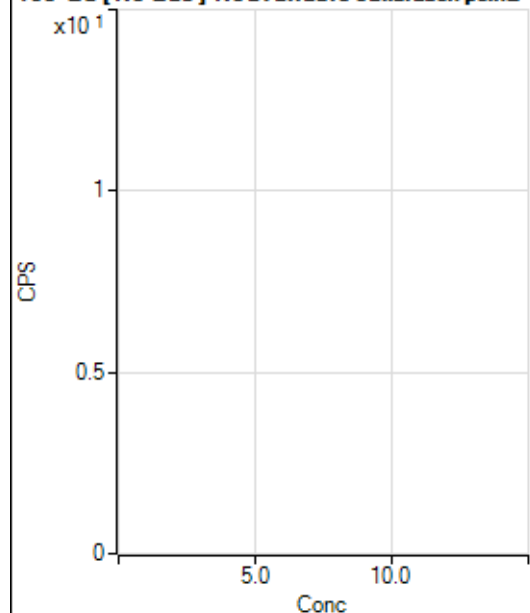
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			4.44		P	43.4
4	☐			5.56		P	91.6
5	☐			16.67		P	34.6
6	☐			34.44		P	24.3
7	☐			67.78		P	23.2
8	☐			115.56		P	21.7
9	☐			81.11		P	6.3

156 Dy [No Gas] No available calibration points

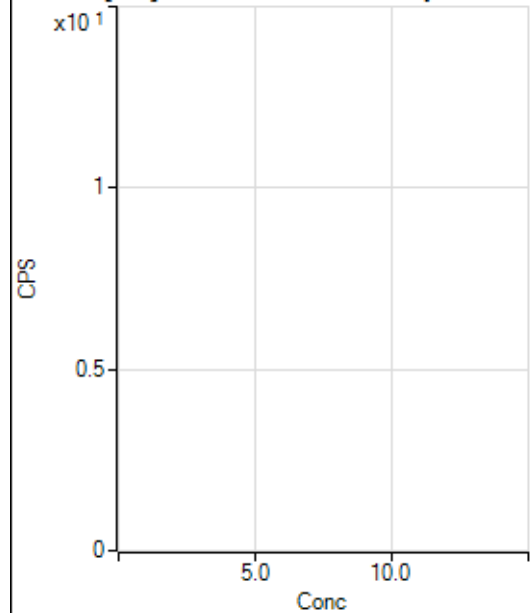
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			16.67		P	50.0
4	☐			25.00		P	57.7
5	☐			38.89		P	24.7
6	☐			80.56		P	15.8
7	☐			141.67		P	27.0
8	☐			291.69		P	27.6
9	☐			205.57		P	24.8

156 Dy [He] No available calibration points

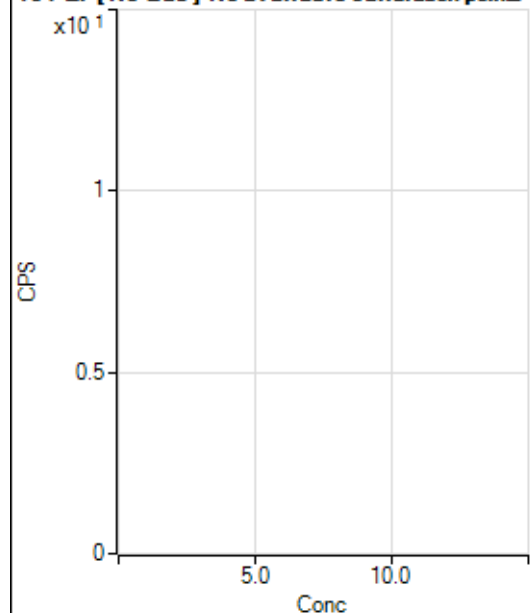
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	100.1
5	☐			13.33		P	NaN
6	☐			22.22		P	8.7
7	☐			40.00		P	22.0
8	☐			55.55		P	43.4
9	☐			97.78		P	5.2

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

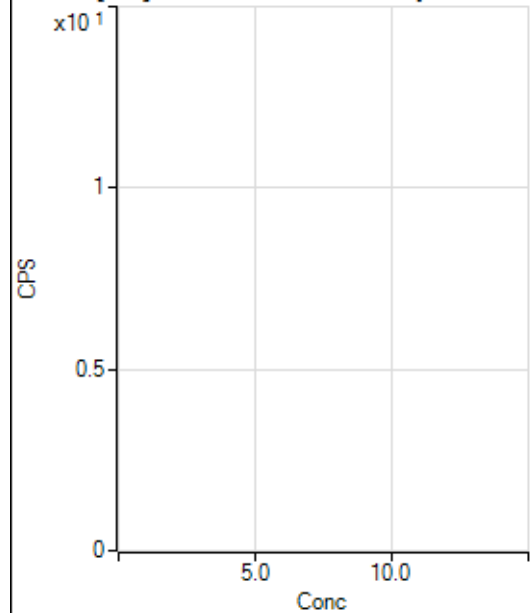
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	26.2
2	☐						
3	☐			94.45		P	35.7
4	☐			83.34		P	40.0
5	☐			105.56		P	27.7
6	☐			191.68		P	26.1
7	☐			130.56		P	16.1
8	☐			119.45		P	8.1
9	☐			247.24		P	20.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	34.6
2	☐						
3	☐			44.44		P	11.5
4	☐			38.89		P	27.5
5	☐			45.56		P	18.4
6	☐			58.89		P	17.3
7	☐			64.44		P	21.5
8	☐			72.22		P	11.6
9	☐			130.00		P	2.6

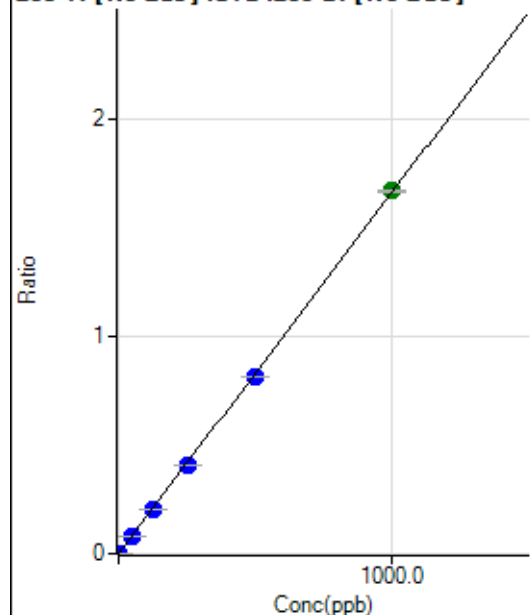
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	72.1
2	☐						
3	☐			75.00		P	44.4
4	☐			19.45		P	65.5
5	☐			27.78		P	69.3
6	☐			52.78		P	55.5
7	☐			72.23		P	17.6
8	☐			33.33		P	25.0
9	☐			83.34		P	36.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	50.0
2	☐						
3	☐			33.33		P	17.3
4	☐			16.67		P	60.0
5	☐			20.00		P	44.1
6	☐			24.45		P	15.8
7	☐			35.56		P	14.3
8	☐			31.11		P	22.3
9	☐			38.89		P	19.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	26.0
2	☐	0.100					
3	☐	1.000	0.965	11344.19	0.0016	P	4.5
4	☐	50.000	48.498	564310.09	0.0806	P	0.1
5	☐	125.000	123.884	1437546.16	0.2058	P	0.2
6	☐	250.000	245.272	2941520.23	0.4074	P	0.5
7	☐	500.000	490.845	5968243.62	0.8154	P	0.2
8	☐	1000.000	1005.974	12283586.39	1.6710	A	0.3
9	☐			5298.54	0.0008	P	9.0

$$y = 0.0017 * x + 1.5272E-005$$

$$R = 0.9999$$

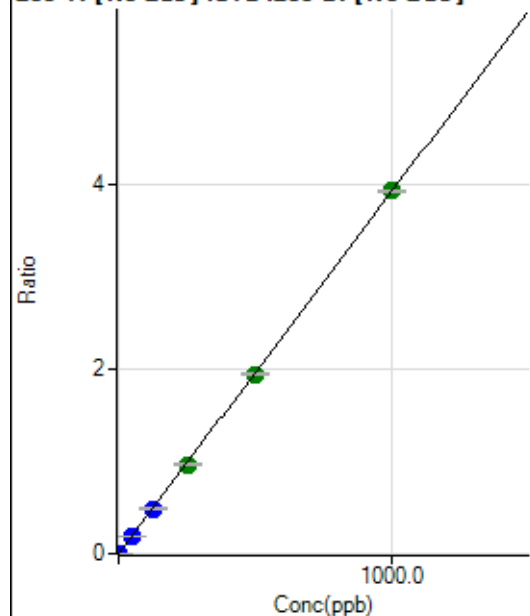
$$DL = 0.007165$$

$$BEC = 0.009194$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.79	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	1.005	27927.51	0.0040	P	0.3
4	☐	50.000	49.079	1348102.41	0.1925	P	0.6
5	☐	125.000	124.477	3409645.17	0.4881	P	0.9
6	☐	250.000	246.883	6989104.84	0.9681	A	0.6
7	☐	500.000	495.622	14225493.72	1.9435	A	1.0
8	☐	1000.000	1003.080	28913516.62	3.9334	A	0.5
9	☐			12186.70	0.0019	P	8.7

$$y = 0.0039 * x + 4.1167E-005$$

$$R = 1.0000$$

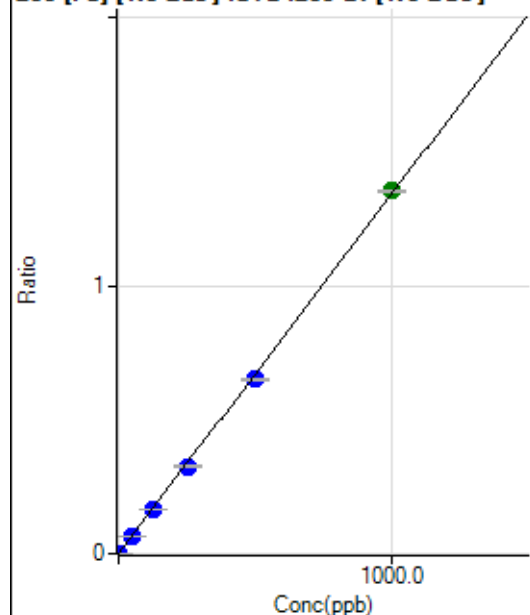
$$DL = 0.004649$$

$$BEC = 0.0105$$

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	970.44	0.0001	P	9.3
2	☐	0.100					
3	☐	1.000	1.008	10480.39	0.0015	P	1.7
4	☐	50.000	48.146	452959.42	0.0647	P	0.5
5	☐	125.000	122.344	1146412.70	0.1641	P	1.0
6	☐	250.000	243.179	2354166.14	0.3261	P	0.6
7	☐	500.000	485.949	4768627.31	0.6515	P	1.3
8	☐	1000.000	1009.155	9943987.26	1.3528	A	0.4
9	☐			13842.84	0.0022	P	0.8

$$y = 0.0013 * x + 1.4376E-004$$

$$R = 0.9998$$

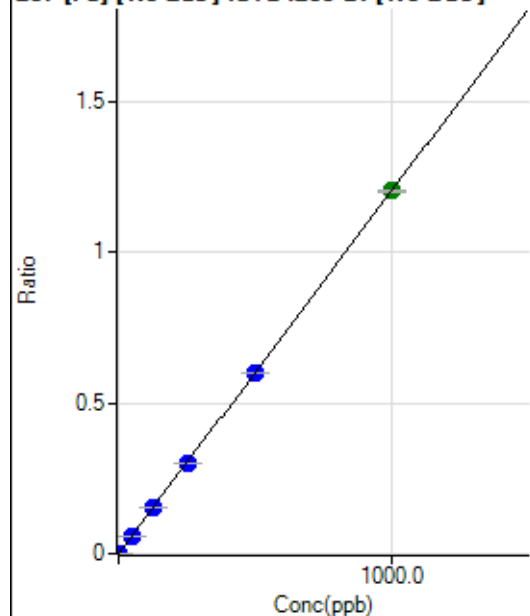
$$DL = 0.02983$$

$$BEC = 0.1073$$

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	892.65	0.0001	P	4.2
2	☐	0.100					
3	☐	1.000	1.024	9564.81	0.0014	P	3.1
4	☐	50.000	50.152	423544.78	0.0605	P	0.1
5	☐	125.000	126.741	1066125.48	0.1526	P	0.6
6	☐	250.000	250.590	2177684.72	0.3016	P	0.4
7	☐	500.000	498.512	4391560.26	0.6000	P	0.5
8	☐	1000.000	1000.371	8848987.35	1.2038	A	0.5
9	☐			11992.73	0.0019	P	3.3

$$y = 0.0012 * x + 1.3230E-004$$

$$R = 1.0000$$

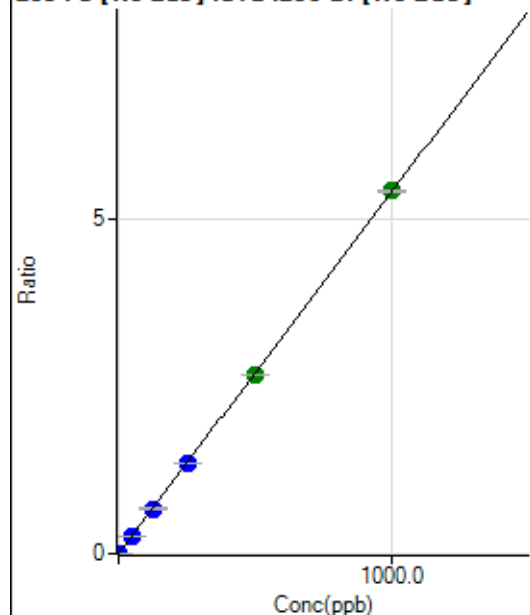
$$DL = 0.01371$$

$$BEC = 0.11$$

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	3907.75	0.0006	P	0.6
2	☐	0.100					
3	☐	1.000	1.016	42663.14	0.0061	P	0.5
4	☐	50.000	49.496	1881664.52	0.2687	P	0.3
5	☐	125.000	124.739	4723478.77	0.6762	P	0.8
6	☐	250.000	247.701	9690351.50	1.3423	P	0.2
7	☐	500.000	494.351	19604169.16	2.6783	A	0.7
8	☐	1000.000	1003.457	39958222.07	5.4358	A	0.2
9	☐			54778.81	0.0087	P	0.5

$$y = 0.0054 * x + 5.7939E-004$$

$$R = 1.0000$$

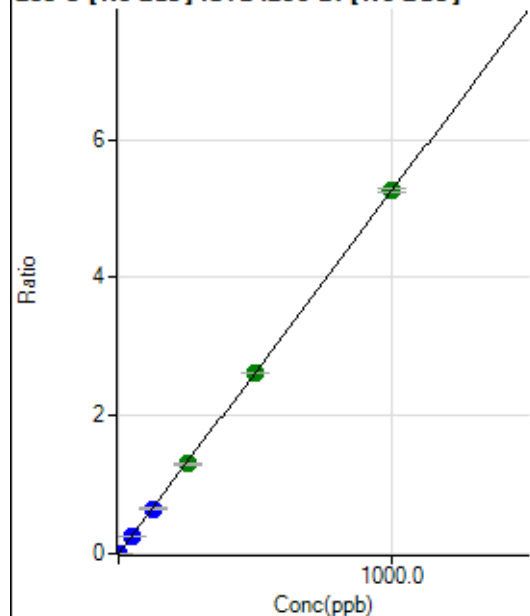
$$DL = 0.001973$$

$$BEC = 0.107$$

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	94.45	0.0000	P	23.5
2	☐	0.100					
3	☐	1.000	1.037	38268.46	0.0055	P	2.0
4	☐	50.000	49.171	1808526.71	0.2582	P	0.3
5	☐	125.000	124.137	4553522.24	0.6519	P	1.1
6	☐	250.000	247.023	9365558.63	1.2972	A	0.4
7	☐	500.000	499.611	19205340.71	2.6237	A	0.7
8	☐	1000.000	1001.088	38645183.15	5.2572	A	0.9
9	☐			4885.20	0.0008	P	36.1

$$y = 0.0053 * x + 1.4030E-005$$

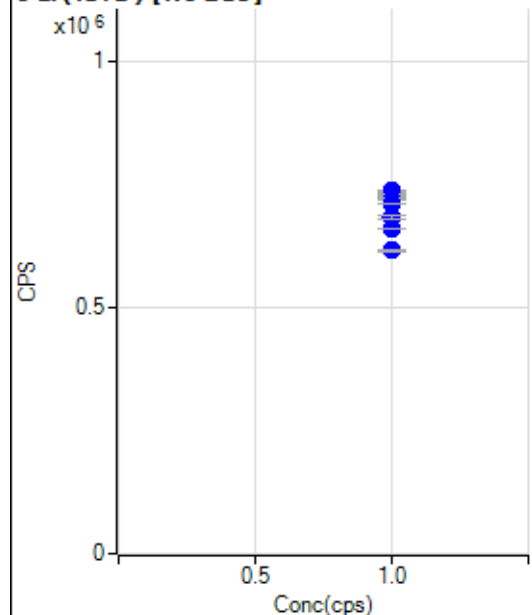
$$R = 1.0000$$

$$DL = 0.001886$$

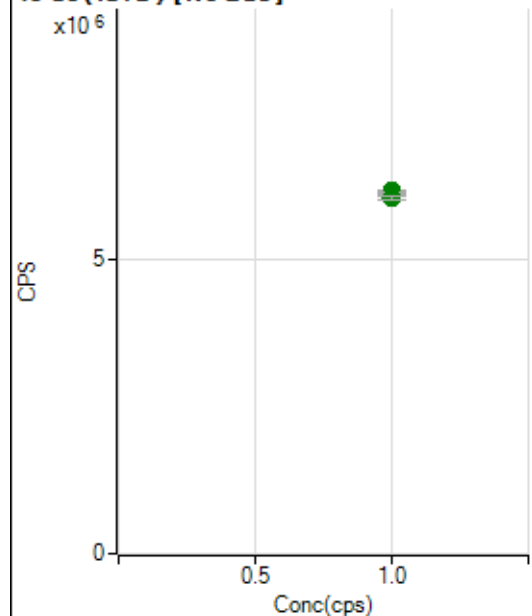
$$BEC = 0.002672$$

Weight: <None>

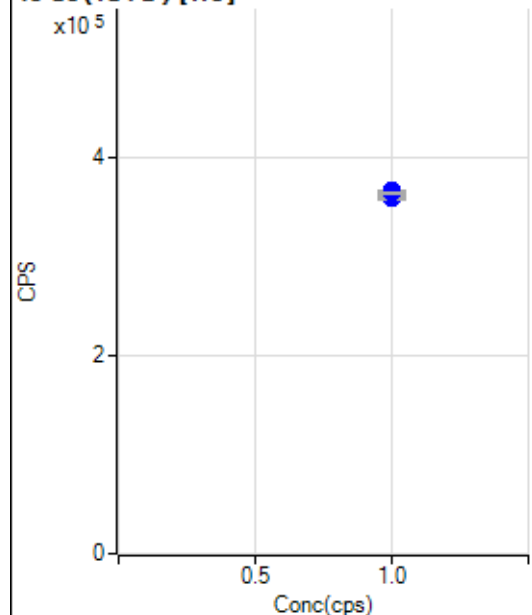
Min Conc: 0

6 Li (ISTD) [No Gas]

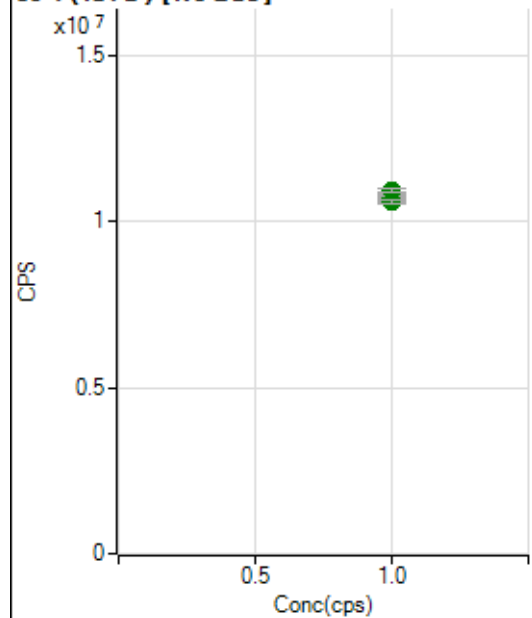
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		736433.99		P	0.8
2	☐	1.000					
3	☐	1.000		731531.71		P	0.6
4	☐	1.000		728346.33		P	0.6
5	☐	1.000		719241.73		P	0.5
6	☐	1.000		710955.56		P	0.3
7	☐	1.000		683491.05		P	0.7
8	☐	1.000		659441.47		P	0.2
9	☐	1.000		616150.97		P	0.6

45 Sc (ISTD) [No Gas]

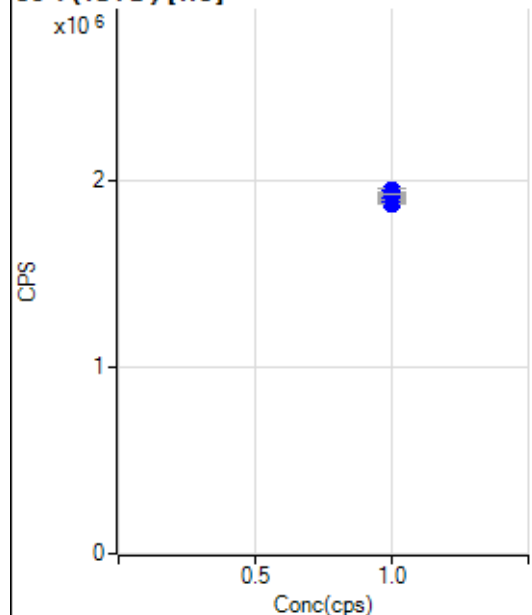
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6043446.23		A	0.8
2	☐	1.000					
3	☐	1.000		6098504.13		A	0.2
4	☐	1.000		6088472.96		A	0.3
5	☐	1.000		6118572.88		A	0.6
6	☐	1.000		6158255.30		A	0.2
7	☐	1.000		6067167.37		A	0.1
8	☐	1.000		6121802.09		A	0.3
9	☐	1.000		6036499.96		A	0.6

45 Sc (ISTD) [He]

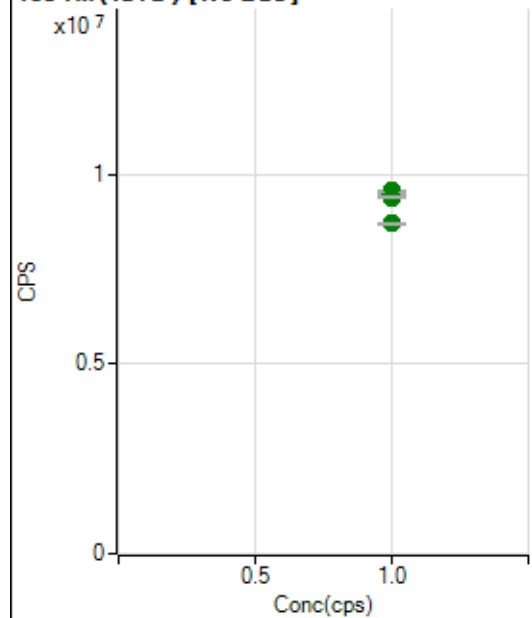
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		367075.99		P	0.2
2	☐	1.000					
3	☐	1.000		360579.28		P	0.2
4	☐	1.000		362175.42		P	0.8
5	☐	1.000		362815.37		P	1.6
6	☐	1.000		360136.29		P	0.8
7	☐	1.000		359363.59		P	0.3
8	☐	1.000		366231.92		P	0.8
9	☐	1.000		364991.51		P	0.3

89 Y (ISTD) [No Gas]

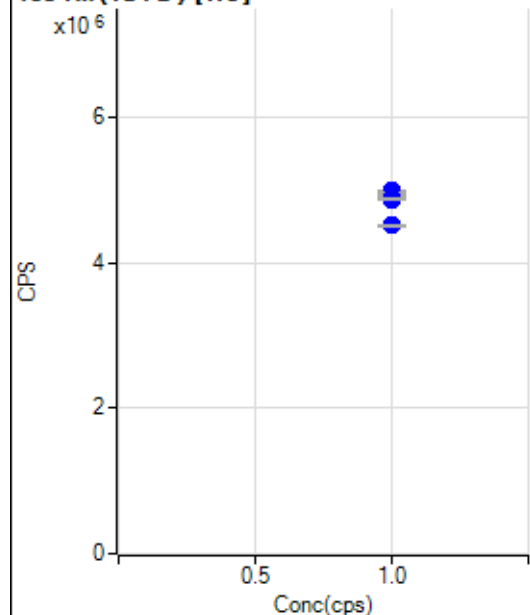
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10574874.15		A	1.3
2	☐	1.000					
3	☐	1.000		10603128.31		A	0.4
4	☐	1.000		10611637.97		A	0.4
5	☐	1.000		10665402.06		A	0.5
6	☐	1.000		10833936.23		A	0.2
7	☐	1.000		10712600.74		A	1.0
8	☐	1.000		10912281.64		A	1.0
9	☐	1.000		10579691.92		A	0.8

89 Y(ISTD) [He]

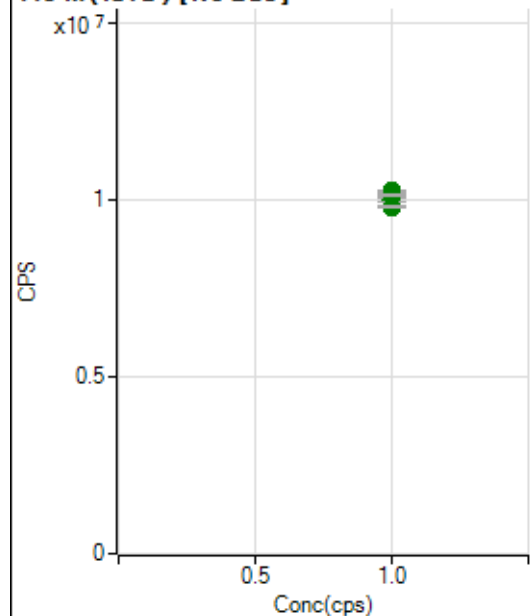
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1897464.76		P	0.3
2	☐	1.000					
3	☐	1.000		1879526.09		P	0.2
4	☐	1.000		1887912.14		P	0.3
5	☐	1.000		1896631.00		P	1.3
6	☐	1.000		1886624.76		P	1.1
7	☐	1.000		1907825.54		P	0.6
8	☐	1.000		1945844.48		P	1.0
9	☐	1.000		1928148.03		P	0.4

103 Rh(ISTD) [No Gas]

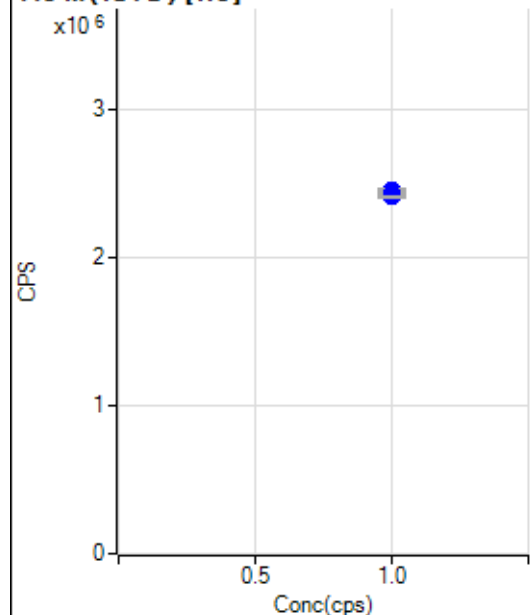
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9498998.22		A	0.7
2	☐	1.000					
3	☐	1.000		9558054.90		A	0.2
4	☐	1.000		9551109.24		A	0.8
5	☐	1.000		9536671.22		A	0.3
6	☐	1.000		9541487.28		A	0.7
7	☐	1.000		9474872.78		A	1.0
8	☐	1.000		9388092.49		A	0.6
9	☐	1.000		8711362.43		A	0.6

103 Rh (ISTD) [He]

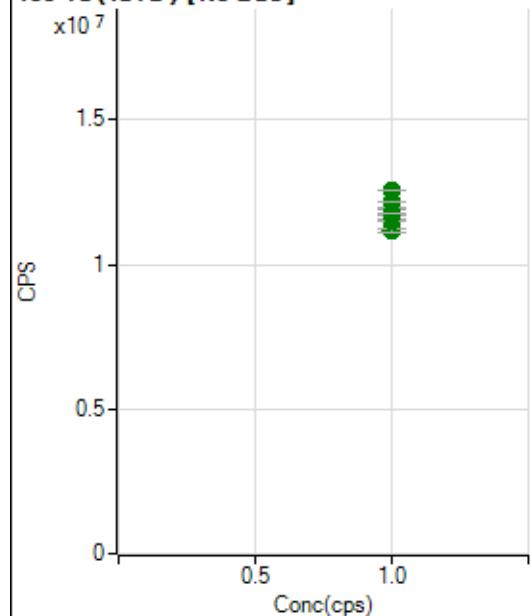
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4989483.08		P	0.5
2	☐	1.000					
3	☐	1.000		4942679.79		P	0.5
4	☐	1.000		4955244.34		P	0.3
5	☐	1.000		4931197.46		P	1.4
6	☐	1.000		4894051.84		P	1.0
7	☐	1.000		4877294.83		P	0.2
8	☐	1.000		4881029.16		P	0.8
9	☐	1.000		4511048.19		P	0.2

115 In (ISTD) [No Gas]

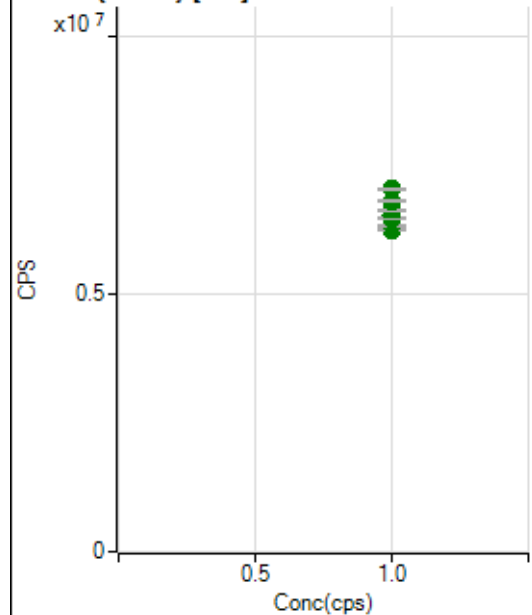
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10020487.42		A	1.1
2	☐	1.000					
3	☐	1.000		10179982.33		A	0.5
4	☐	1.000		10171446.88		A	0.2
5	☐	1.000		10183445.89		A	0.6
6	☐	1.000		10266429.28		A	0.8
7	☐	1.000		10204570.89		A	0.5
8	☐	1.000		10164571.82		A	0.5
9	☐	1.000		9821694.49		A	0.7

115 In (ISTD) [He]

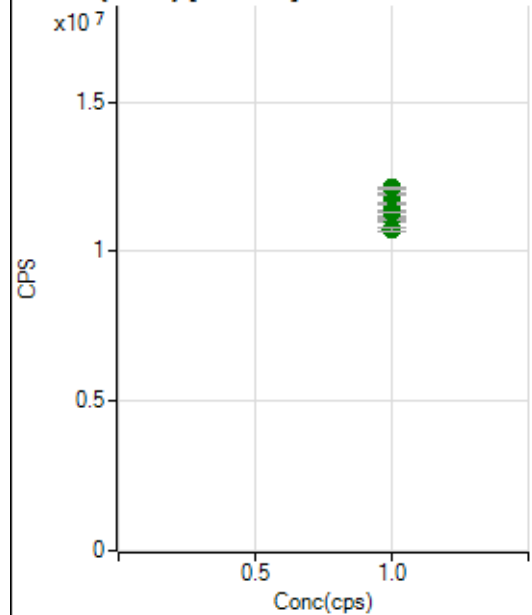
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2455002.92		P	0.1
2	☐	1.000					
3	☐	1.000		2433465.95		P	0.2
4	☐	1.000		2448376.08		P	0.2
5	☐	1.000		2447894.15		P	1.6
6	☐	1.000		2433154.91		P	1.0
7	☐	1.000		2430075.39		P	0.4
8	☐	1.000		2438516.68		P	0.2
9	☐	1.000		2414731.09		P	0.4

159 Tb (ISTD) [No Gas]

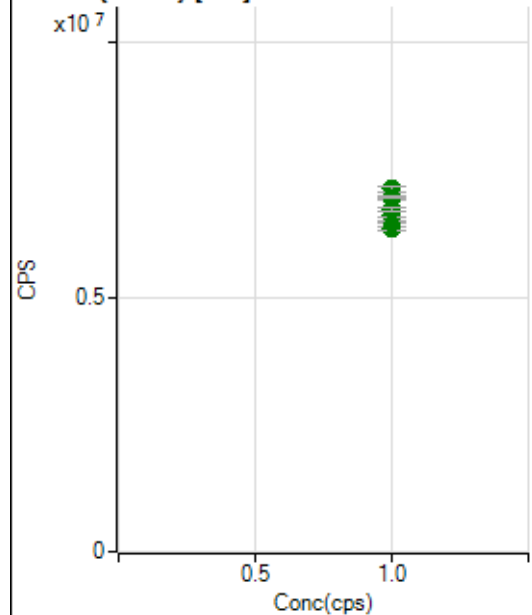
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11142862.13		A	1.1
2	☐	1.000					
3	☐	1.000		11553292.74		A	0.1
4	☐	1.000		11522372.19		A	0.4
5	☐	1.000		11697381.63		A	0.2
6	☐	1.000		11953531.21		A	0.4
7	☐	1.000		12181217.46		A	0.2
8	☐	1.000		12538371.76		A	0.2
9	☐	1.000		11780594.96		A	0.2

159 Tb (ISTD) [He]

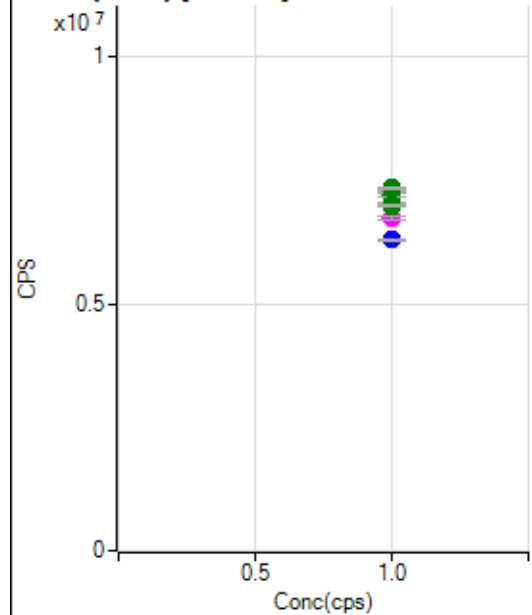
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6237692.82		A	0.6
2	☐	1.000					
3	☐	1.000		6325761.16		A	0.5
4	☐	1.000		6449915.25		A	0.7
5	☐	1.000		6517807.26		A	1.8
6	☐	1.000		6628458.65		A	0.6
7	☐	1.000		6791260.59		A	0.7
8	☐	1.000		7029619.96		A	0.8
9	☐	1.000		6794105.94		A	0.5

165 Ho (ISTD) [No Gas]

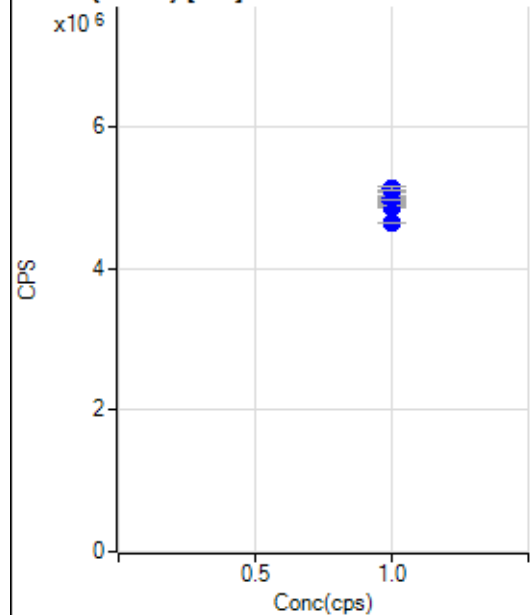
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10727915.60		A	1.2
2	☐	1.000					
3	☐	1.000		11085929.07		A	1.3
4	☐	1.000		11102544.69		A	0.8
5	☐	1.000		11354386.89		A	0.6
6	☐	1.000		11617548.26		A	0.6
7	☐	1.000		11896238.37		A	0.6
8	☐	1.000		12123692.63		A	0.7
9	☐	1.000		11313766.83		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6352137.82		A	0.7
2	☐	1.000					
3	☐	1.000		6467837.06		A	0.5
4	☐	1.000		6505943.44		A	0.2
5	☐	1.000		6633821.15		A	1.8
6	☐	1.000		6719221.91		A	1.0
7	☐	1.000		6949840.80		A	0.5
8	☐	1.000		7132557.60		A	1.6
9	☐	1.000		6973286.91		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6744888.37		M	1.4
2	☐	1.000					
3	☐	1.000		7011598.64		A	0.6
4	☐	1.000		7003479.41		A	0.3
5	☐	1.000		6985244.34		A	0.8
6	☐	1.000		7219464.62		A	0.9
7	☐	1.000		7319819.61		A	0.7
8	☐	1.000		7350882.11		A	0.2
9	☐	1.000		6296421.43		P	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4867942.88		P	0.3
2	☐	1.000					
3	☐	1.000		4922604.02		P	0.5
4	☐	1.000		4920269.09		P	0.6
5	☐	1.000		4946897.67		P	2.1
6	☐	1.000		5004720.00		P	1.1
7	☐	1.000		5092919.51		P	0.5
8	☐	1.000		5120636.87		P	0.9
9	☐	1.000		4634957.85		P	0.2

US EPA Tune Check Sample Report

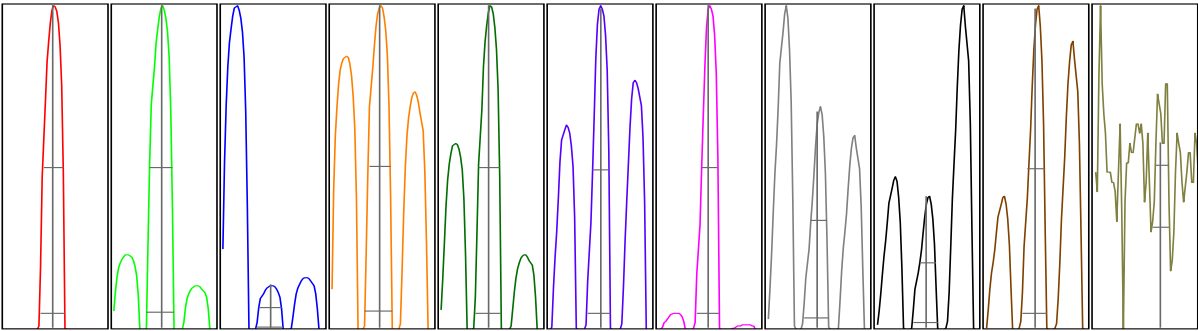
Batch Folder D:\ICP-MS Data\P7031017 .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	42930	0.93	5.00	
24	2048841	0.84	5.00	
25	282106	0.71	5.00	
26	327802	1.06	5.00	
59	703788	0.69	5.00	
113	112732	0.82	5.00	
115	1739151	0.37	5.00	
206	197755	1.42	5.00	
207	172501	1.40	5.00	
208	417460	1.50	5.00	
220	9	19.62		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	42507	42533	42987	43301	43323
24	2029635	2034531	2047462	2065931	2066646
25	280062	280338	281828	284646	283655
26	323403	325728	327298	331459	331122
59	700223	698339	702753	708062	709564
113	112048	111922	112274	113378	114038
115	1743243	1737672	1728790	1744761	1741288
206	195111	195433	196912	201568	199752
207	171486	169769	171312	175715	174226
208	411126	411638	417216	425462	421861
220	8	8	11	7	11

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	7634	8.95	8.9 - 9.1		0.734	0.900	
24	341808	23.95	23.9 - 24.1		0.784	0.900	
25	46169	24.95	24.9 - 25.1		0.778	0.900	
26	54699	25.95	25.9 - 26.1		0.784	0.900	
59	124162	58.95	58.9 - 59.1		0.770	0.900	
113	22694	113.05	112.9 - 113.1		0.683	0.900	
115	355095	115.00	114.9 - 115.1		0.686	0.900	
206	41586	206.00	205.9 - 206.1		0.733	0.900	
207	36824	207.00	206.9 - 207.1		0.727	0.900	
208	89442	208.00	207.9 - 208.1		0.727	0.900	
220	1	220.45	-		0.496		

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	8.6	V			
Extract 2	-200.0	V	Cell Entrance	-30	V			
Omega Bias	-90	V	Cell Exit	-50	V			
Deflect	13.0	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	200	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	218409	0.48	
89	176223	0.60	
205	207585	0.87	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	216685	218153	219024	218885	219298
89	176816	176583	177404	175574	174737
205	207679	208675	209104	207956	204510

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	9.4	V			
Extract 2	-200.0	V	Cell Entrance	-40	V			
Omega Bias	-85	V	Cell Exit	-60	V			
Deflect	2.2	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 :	LB86309	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:43:55	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.10	0.08	0.00	N/A	ppb
Antimony	121-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.03	-0.04	0.00	0.00	N/A	ppb
Boron	11-1	0.01	-0.07	0.06	0.00	N/A	ppb
Cadmium	106-1	-0.76	0.86	-0.10	0.00	N/A	ppb
Cadmium	108-1	0.04	-0.05	0.01	0.00	N/A	ppb
Cadmium	111-1	-0.06	0.07	-0.01	0.00	N/A	ppb
Calcium	43-1	1.64	0.14	-1.78	0.00	N/A	ppb
Calcium	44-1	0.44	0.13	-0.57	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	-0.02	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.04	0.03	0.01	0.00	N/A	ppb
Iron	57-2	0.08	-0.12	0.04	0.00	N/A	ppb
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.03	0.06	-0.09	0.00	N/A	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:43:55	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-3.91	-6.71	-15.37	-8.66		ppb
Potassium	39-2	-0.64	1.50	-0.86	0.00	N/A	ppb
Rhodium	103-2				100		%
Rhodium	103-1				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.36	-0.18	-0.18	0.00	N/A	ppb
Selenium	78-2	0.33	0.39	-0.72	0.00	N/A	ppb
Selenium	82-1	-0.34	0.23	0.10	0.00	N/A	ppb
Silicon	28-1	0.13	-0.44	0.31	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.25	0.25	-0.50	0.00	N/A	ppb
Strontium	86-1	0.06	-0.09	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	13.05	-56.54	-28.45	-23.98		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.05	-0.04	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-2				100		%
Yttrium	89-1				100		%
Zinc	66-2	-0.03	-0.02	0.04	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:43:55	DataFile Name :	002CALB.d

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

LB Number : LB86309 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-10 14:52:21 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.37	23.26	21.75	22.13	4.51	ppb
Antimony	121-1	1.99	1.92	2.02	1.98	2.67	ppb
Arsenic	75-2	0.99	1.04	1.06	1.03	3.50	ppb
Barium	135-1	10.73	10.23	10.57	10.51	2.44	ppb
Barium	137-1	10.42	10.36	10.47	10.41	0.55	ppb
Beryllium	9-1	0.93	0.99	1.02	0.98	4.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	26.75	27.04	28.16	27.32	2.73	ppb
Boron	11-1	26.50	26.52	27.61	26.88	2.35	ppb
Cadmium	106-1	1.42	1.78	1.57	1.59	11.41	ppb
Cadmium	108-1	1.14	0.98	0.98	1.04	8.80	ppb
Cadmium	111-1	1.11	1.20	1.17	1.16	4.01	ppb
Calcium	43-1	482.69	491.75	495.40	489.94	1.34	ppb
Calcium	44-1	491.90	493.91	492.60	492.81	0.21	ppb
Chromium	52-2	2.14	2.17	2.07	2.12	2.52	ppb
Cobalt	59-2	1.05	1.04	1.04	1.04	0.54	ppb
Copper	63-2	2.21	2.12	2.24	2.19	2.90	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				102		%
Holmium	165-1				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	49.27	49.13	49.41	49.27	0.28	ppb
Iron	57-2	45.35	49.41	49.52	48.09	4.94	ppb
Lead	206-1	1.01	0.99	1.02	1.01	1.85	ppb
Lead	207-1	0.99	1.01	1.06	1.02	3.45	ppb
Lead	208-1	1.01	1.02	1.01	1.02	0.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	537.00	530.89	536.59	534.83	0.64	ppb
Manganese	55-2	1.05	1.06	1.04	1.05	1.12	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:52:21	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.06	2.03	2.08	2.06	1.25	ppb
Molybdenum	95-1	4.92	4.80	4.83	4.85	1.32	ppb
Molybdenum	96-1	4.24	4.18	4.22	4.22	0.72	ppb
Molybdenum	97-1	5.12	4.98	4.89	5.00	2.38	ppb
Molybdenum	98-1	4.94	4.88	4.82	4.88	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.02	1.13	1.08	4.74	ppb
Phosphorus	31-2	18.77	3.06	4.17	8.66	101.17	ppb
Potassium	39-2	499.01	510.58	509.74	506.44	1.27	ppb
Rhodium	103-2				99		%
Rhodium	103-1				101		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	5.29	4.49	4.77	4.85	8.45	ppb
Selenium	78-2	6.24	5.50	3.89	5.21	23.07	ppb
Selenium	82-1	3.75	4.64	5.91	4.77	22.72	ppb
Silicon	28-1	4.94	5.18	5.75	5.29	7.85	ppb
Silver	109-1	0.78	0.81	0.76	0.79	3.40	ppb
Silver	107-1	0.76	0.80	0.80	0.78	2.68	ppb
Sodium	23-2	548.43	546.84	544.08	546.45	0.40	ppb
Strontium	86-1	0.95	1.08	0.98	1.00	6.58	ppb
Strontium	88-1	1.02	1.06	1.03	1.03	2.09	ppb
Sulfur	34-1	76.70	-57.41	52.65	23.98	298.16	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.02	0.94	0.94	0.96	4.57	ppb
Thallium	205-1	1.01	1.00	1.01	1.01	0.34	ppb
Tin	118-1	5.39	5.24	5.28	5.30	1.46	ppb
Titanium	47-1	4.89	5.09	4.90	4.96	2.27	ppb
Uranium	238-1	1.05	1.01	1.05	1.04	1.98	ppb
Vanadium	51-2	5.11	4.92	5.06	5.03	1.91	ppb
Yttrium	89-2				99		%
Yttrium	89-1				100		%
Zinc	66-2	2.19	2.30	2.25	2.25	2.26	ppb
Zirconium	90-1	0.85	0.80	0.82	0.82	3.02	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:52:21	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.84	0.82	0.83	1.66	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:56:11	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	999.60	1000.57	1004.97	1001.71	0.29	ppb
Antimony	121-1	40.21	39.92	39.02	39.72	1.57	ppb
Arsenic	75-2	50.12	50.41	50.33	50.28	0.30	ppb
Barium	135-1	257.76	257.52	258.27	257.85	0.15	ppb
Barium	137-1	255.81	256.45	258.87	257.05	0.63	ppb
Beryllium	9-1	50.89	50.85	50.56	50.76	0.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	49.49	47.37	48.02	48.29	2.25	ppb
Boron	11-1	49.77	48.34	48.54	48.88	1.59	ppb
Cadmium	106-1	53.90	54.31	53.86	54.02	0.45	ppb
Cadmium	108-1	53.92	56.27	52.92	54.37	3.16	ppb
Cadmium	111-1	54.48	54.71	54.83	54.68	0.33	ppb
Calcium	43-1	4858.69	4917.19	4794.51	4856.80	1.26	ppb
Calcium	44-1	4927.88	4942.39	4965.92	4945.40	0.39	ppb
Chromium	52-2	52.06	51.22	51.39	51.56	0.85	ppb
Cobalt	59-2	51.90	51.82	51.95	51.89	0.13	ppb
Copper	63-2	105.07	103.50	104.41	104.32	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				102		%
Holmium	165-1				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2448.92	2418.14	2428.41	2431.83	0.64	ppb
Iron	57-2	2427.56	2390.91	2387.69	2402.06	0.92	ppb
Lead	206-1	48.05	47.95	48.44	48.15	0.54	ppb
Lead	207-1	50.14	50.13	50.19	50.15	0.06	ppb
Lead	208-1	49.41	49.40	49.68	49.50	0.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	5308.65	5229.01	5293.78	5277.15	0.80	ppb
Manganese	55-2	102.38	100.70	102.18	101.75	0.90	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:56:11	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.40	49.00	48.93	48.78	0.67	ppb
Molybdenum	95-1	49.02	48.95	48.60	48.86	0.46	ppb
Molybdenum	96-1	49.56	49.37	49.22	49.38	0.34	ppb
Molybdenum	97-1	50.04	49.50	48.79	49.45	1.28	ppb
Molybdenum	98-1	48.73	48.75	48.27	48.58	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.42	52.31	53.18	52.64	0.90	ppb
Phosphorus	31-2	991.65	1115.96	1017.36	1041.66	6.30	ppb
Potassium	39-2	2531.21	2500.72	2531.83	2521.26	0.71	ppb
Rhodium	103-2				99		%
Rhodium	103-1				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	49.85	55.12	44.21	49.73	10.97	ppb
Selenium	78-2	51.06	49.77	51.05	50.63	1.46	ppb
Selenium	82-1	48.36	50.10	49.74	49.40	1.86	ppb
Silicon	28-1	68.00	69.52	69.30	68.94	1.19	ppb
Silver	109-1	53.42	54.18	54.18	53.93	0.81	ppb
Silver	107-1	53.50	54.16	54.22	53.96	0.74	ppb
Sodium	23-2	5397.15	5302.75	5357.95	5352.62	0.89	ppb
Strontium	86-1	50.65	50.92	50.52	50.70	0.40	ppb
Strontium	88-1	50.38	50.62	49.87	50.29	0.76	ppb
Sulfur	34-1	1048.03	988.92	1123.39	1053.45	6.40	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	48.42	48.54	48.53	48.50	0.13	ppb
Thallium	205-1	48.74	49.15	49.35	49.08	0.63	ppb
Tin	118-1	51.54	51.90	51.75	51.73	0.35	ppb
Titanium	47-1	51.10	51.10	51.43	51.21	0.37	ppb
Uranium	238-1	49.03	49.15	49.33	49.17	0.30	ppb
Vanadium	51-2	51.03	50.43	50.75	50.74	0.59	ppb
Yttrium	89-2				99		%
Yttrium	89-1				100		%
Zinc	66-2	104.31	104.92	105.61	104.94	0.62	ppb
Zirconium	90-1	49.43	49.20	49.22	49.28	0.26	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:56:11	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.00	49.38	49.03	49.14	0.42	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:00:17	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2539.83	2506.87	2502.16	2516.29	0.82	ppb
Antimony	121-1	114.93	113.10	112.66	113.56	1.06	ppb
Arsenic	75-2	128.98	127.06	126.47	127.50	1.03	ppb
Barium	135-1	642.68	639.84	640.82	641.11	0.23	ppb
Barium	137-1	643.55	640.67	640.36	641.52	0.27	ppb
Beryllium	9-1	124.14	126.18	124.56	124.96	0.86	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	120.62	122.31	124.41	122.45	1.55	ppb
Boron	11-1	122.55	124.31	123.69	123.52	0.72	ppb
Cadmium	106-1	134.85	135.48	134.50	134.95	0.37	ppb
Cadmium	108-1	133.40	136.62	131.41	133.81	1.96	ppb
Cadmium	111-1	134.89	135.84	135.94	135.56	0.43	ppb
Calcium	43-1	12081.44	12123.57	12196.41	12133.80	0.48	ppb
Calcium	44-1	12162.23	12320.80	12131.13	12204.72	0.83	ppb
Chromium	52-2	128.99	127.61	129.40	128.67	0.73	ppb
Cobalt	59-2	130.39	128.22	129.91	129.51	0.88	ppb
Copper	63-2	260.73	258.47	258.52	259.24	0.50	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	6152.39	6039.45	6157.83	6116.56	1.09	ppb
Iron	57-2	6051.05	5988.17	6094.05	6044.42	0.88	ppb
Lead	206-1	123.70	121.82	121.52	122.34	0.97	ppb
Lead	207-1	127.56	126.15	126.52	126.74	0.58	ppb
Lead	208-1	125.82	124.07	124.33	124.74	0.75	ppb
Lithium	6-1				98		%
Magnesium	24-2	13146.76	12871.63	12977.48	12998.62	1.07	ppb
Manganese	55-2	255.78	254.64	255.30	255.24	0.22	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:00:17	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	121.75	123.75	124.00	123.17	1.00	ppb
Molybdenum	95-1	123.23	124.06	123.41	123.57	0.36	ppb
Molybdenum	96-1	124.01	124.49	124.49	124.33	0.22	ppb
Molybdenum	97-1	126.40	126.50	125.68	126.19	0.36	ppb
Molybdenum	98-1	122.62	123.14	121.52	122.42	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.29	131.38	131.86	131.84	0.35	ppb
Phosphorus	31-2	2606.34	2549.12	2680.46	2611.98	2.52	ppb
Potassium	39-2	6319.38	6272.81	6303.35	6298.51	0.38	ppb
Rhodium	103-2				99		%
Rhodium	103-1				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	121.92	121.35	120.99	121.42	0.39	ppb
Selenium	78-2	121.13	131.05	124.68	125.62	4.00	ppb
Selenium	82-1	123.90	127.48	126.77	126.05	1.50	ppb
Silicon	28-1	172.60	173.15	173.72	173.16	0.32	ppb
Silver	109-1	133.69	132.91	133.11	133.24	0.30	ppb
Silver	107-1	133.19	132.18	132.82	132.73	0.38	ppb
Sodium	23-2	13173.68	13136.90	13133.09	13147.89	0.17	ppb
Strontium	86-1	126.54	127.37	126.89	126.93	0.33	ppb
Strontium	88-1	124.97	126.14	126.11	125.74	0.53	ppb
Sulfur	34-1	2833.41	3018.19	2926.18	2925.93	3.16	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	123.93	123.68	124.04	123.88	0.15	ppb
Thallium	205-1	125.80	123.56	124.08	124.48	0.94	ppb
Tin	118-1	129.58	128.57	128.04	128.73	0.61	ppb
Titanium	47-1	126.61	127.52	127.84	127.33	0.50	ppb
Uranium	238-1	124.87	122.50	125.04	124.14	1.15	ppb
Vanadium	51-2	128.18	126.57	126.62	127.12	0.72	ppb
Yttrium	89-2				100		%
Yttrium	89-1				101		%
Zinc	66-2	263.85	259.77	259.76	261.13	0.90	ppb
Zirconium	90-1	124.73	125.83	125.29	125.28	0.44	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:00:17	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.82	123.88	125.51	124.07	1.09	ppb

LB Number : LB86309 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P7
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-10 15:04:01 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4931.61	4918.51	4881.70	4910.61	0.53	ppb
Antimony	121-1	239.34	239.43	237.66	238.81	0.42	ppb
Arsenic	75-2	253.03	252.49	249.62	251.71	0.73	ppb
Barium	135-1	1264.58	1284.62	1272.56	1273.92	0.79	ppb
Barium	137-1	1264.94	1289.25	1288.27	1280.82	1.07	ppb
Beryllium	9-1	251.72	254.77	252.52	253.00	0.63	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	247.02	251.10	250.33	249.49	0.87	ppb
Boron	11-1	248.54	251.54	251.79	250.62	0.72	ppb
Cadmium	106-1	265.02	266.61	266.50	266.04	0.33	ppb
Cadmium	108-1	264.58	265.73	265.73	265.35	0.25	ppb
Cadmium	111-1	265.90	266.27	269.93	267.37	0.83	ppb
Calcium	43-1	24098.19	24444.52	24089.64	24210.79	0.84	ppb
Calcium	44-1	24685.60	24353.07	24242.76	24427.15	0.94	ppb
Chromium	52-2	255.88	253.24	254.71	254.61	0.52	ppb
Cobalt	59-2	255.38	255.51	251.46	254.12	0.91	ppb
Copper	63-2	510.61	510.51	514.01	511.71	0.39	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				108		%
Holmium	165-2				106		%
Indium	115-2				99		%
Indium	115-1				102		%
Iron	56-2	12269.26	12101.64	12106.05	12158.98	0.79	ppb
Iron	57-2	12033.40	11910.96	11855.18	11933.18	0.76	ppb
Lead	206-1	242.26	244.87	242.41	243.18	0.60	ppb
Lead	207-1	251.50	250.51	249.75	250.59	0.35	ppb
Lead	208-1	247.86	248.01	247.23	247.70	0.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	25651.02	25541.99	25325.36	25506.13	0.65	ppb
Manganese	55-2	506.81	501.34	503.83	503.99	0.54	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:04:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	247.57	247.21	244.29	246.36	0.73	ppb
Molybdenum	95-1	249.71	248.97	244.84	247.84	1.06	ppb
Molybdenum	96-1	251.18	249.74	248.33	249.75	0.57	ppb
Molybdenum	97-1	253.40	251.28	249.38	251.35	0.80	ppb
Molybdenum	98-1	245.31	245.71	244.58	245.20	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.60	256.97	257.05	257.21	0.13	ppb
Phosphorus	31-2	5138.63	5074.71	5175.56	5129.63	0.99	ppb
Potassium	39-2	12373.20	12196.52	12234.97	12268.23	0.76	ppb
Rhodium	103-2				98		%
Rhodium	103-1				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	245.58	266.96	249.88	254.14	4.45	ppb
Selenium	78-2	255.44	255.81	250.90	254.05	1.08	ppb
Selenium	82-1	256.99	251.43	251.55	253.32	1.25	ppb
Silicon	28-1	345.63	349.46	344.59	346.56	0.74	ppb
Silver	109-1	261.66	260.73	264.17	262.19	0.68	ppb
Silver	107-1	259.09	262.21	261.82	261.04	0.65	ppb
Sodium	23-2	25962.39	25943.83	25602.00	25836.08	0.79	ppb
Strontium	86-1	254.99	253.13	251.79	253.30	0.63	ppb
Strontium	88-1	249.30	250.47	250.87	250.21	0.33	ppb
Sulfur	34-1	5231.94	5256.10	4915.97	5134.67	3.70	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	244.01	246.17	245.64	245.27	0.46	ppb
Thallium	205-1	248.20	247.27	245.18	246.88	0.63	ppb
Tin	118-1	254.93	254.83	255.71	255.16	0.19	ppb
Titanium	47-1	255.83	253.10	252.00	253.65	0.78	ppb
Uranium	238-1	245.93	247.48	247.66	247.02	0.39	ppb
Vanadium	51-2	252.89	251.55	252.27	252.23	0.27	ppb
Yttrium	89-2				99		%
Yttrium	89-1				102		%
Zinc	66-2	513.88	511.84	513.57	513.10	0.21	ppb
Zirconium	90-1	251.29	249.54	248.91	249.91	0.49	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:04:01	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.29	248.47	246.66	247.80	0.40	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:07:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9745.86	9657.70	9681.63	9695.06	0.47	ppb
Antimony	121-1	497.93	498.55	493.86	496.78	0.51	ppb
Arsenic	75-2	499.31	500.26	499.27	499.61	0.11	ppb
Barium	135-1	2548.31	2515.40	2535.23	2532.98	0.65	ppb
Barium	137-1	2529.14	2530.46	2531.85	2530.48	0.05	ppb
Beryllium	9-1	503.18	501.55	496.42	500.38	0.70	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	500.74	499.35	496.56	498.88	0.43	ppb
Boron	11-1	496.05	499.13	494.58	496.59	0.47	ppb
Cadmium	106-1	515.32	516.52	520.44	517.43	0.52	ppb
Cadmium	108-1	508.28	511.12	509.25	509.55	0.28	ppb
Cadmium	111-1	510.26	510.44	516.68	512.46	0.71	ppb
Calcium	43-1	47969.54	47635.19	48221.79	47942.17	0.61	ppb
Calcium	44-1	48066.72	48667.31	49473.49	48735.84	1.45	ppb
Chromium	52-2	503.61	502.72	504.63	503.65	0.19	ppb
Cobalt	59-2	504.56	503.70	505.06	504.44	0.14	ppb
Copper	63-2	1001.35	999.66	1009.38	1003.46	0.52	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				109		%
Holmium	165-1				111		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	24157.03	23963.29	24132.05	24084.12	0.44	ppb
Iron	57-2	23637.03	23677.39	23667.86	23660.76	0.09	ppb
Lead	206-1	480.11	492.65	485.09	485.95	1.30	ppb
Lead	207-1	495.40	500.52	499.62	498.51	0.55	ppb
Lead	208-1	490.77	498.12	494.15	494.35	0.74	ppb
Lithium	6-1				93		%
Magnesium	24-2	50293.71	50104.56	49768.19	50055.49	0.53	ppb
Manganese	55-2	1004.73	997.05	999.40	1000.39	0.39	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:07:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	503.67	494.68	496.39	498.25	0.96	ppb
Molybdenum	95-1	501.62	488.69	493.94	494.75	1.31	ppb
Molybdenum	96-1	501.69	493.51	496.94	497.38	0.83	ppb
Molybdenum	97-1	507.34	499.15	503.83	503.44	0.82	ppb
Molybdenum	98-1	508.40	488.47	489.51	495.46	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.24	509.30	513.96	510.50	0.60	ppb
Phosphorus	31-2	9921.30	10112.63	9855.44	9963.12	1.34	ppb
Potassium	39-2	24488.02	24265.31	24612.10	24455.14	0.72	ppb
Rhodium	103-2				98		%
Rhodium	103-1				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	508.95	509.38	483.29	500.54	2.98	ppb
Selenium	78-2	501.77	496.22	499.55	499.18	0.56	ppb
Selenium	82-1	509.89	503.26	502.39	505.18	0.81	ppb
Silicon	28-1	509.78	507.76	508.48	508.68	0.20	ppb
Silver	109-1	508.06	510.95	509.71	509.58	0.28	ppb
Silver	107-1	508.85	506.39	516.26	510.50	1.01	ppb
Sodium	23-2	51237.12	50891.91	50119.27	50749.43	1.13	ppb
Strontium	86-1	512.96	504.07	504.14	507.06	1.01	ppb
Strontium	88-1	505.79	501.72	497.12	501.54	0.87	ppb
Sulfur	34-1	9749.10	9673.13	9552.08	9658.10	1.03	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	490.04	491.84	490.66	490.85	0.19	ppb
Thallium	205-1	494.09	501.24	491.53	495.62	1.02	ppb
Tin	118-1	493.15	495.08	499.02	495.75	0.60	ppb
Titanium	47-1	503.52	504.84	506.55	504.97	0.30	ppb
Uranium	238-1	501.00	495.79	502.04	499.61	0.67	ppb
Vanadium	51-2	503.20	502.81	501.97	502.66	0.13	ppb
Yttrium	89-2				101		%
Yttrium	89-1				101		%
Zinc	66-2	1018.14	1023.54	1018.16	1019.95	0.30	ppb
Zirconium	90-1	505.31	495.10	496.07	498.83	1.13	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:07:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.36	488.51	493.49	494.12	1.20	ppb

LB Number : LB86309 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-10 15:11:14 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18956.65	18927.55	19045.96	18976.72	0.33	ppb
Antimony	121-1	1014.19	997.69	1007.17	1006.35	0.82	ppb
Arsenic	75-2	997.70	992.40	1008.21	999.44	0.80	ppb
Barium	135-1	4992.90	4922.50	5009.97	4975.12	0.93	ppb
Barium	137-1	4961.15	4951.68	5011.07	4974.63	0.64	ppb
Beryllium	9-1	1003.67	1001.62	991.78	999.03	0.64	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	993.54	1001.76	1007.80	1001.03	0.72	ppb
Boron	11-1	996.77	1001.90	1006.57	1001.74	0.49	ppb
Cadmium	106-1	982.71	977.79	996.99	985.83	1.01	ppb
Cadmium	108-1	985.63	989.97	994.61	990.07	0.45	ppb
Cadmium	111-1	982.23	990.21	991.18	987.87	0.50	ppb
Calcium	43-1	94438.70	94981.87	94714.27	94711.61	0.29	ppb
Calcium	44-1	97179.18	97327.36	96250.05	96918.86	0.60	ppb
Chromium	52-2	991.75	998.63	999.07	996.48	0.41	ppb
Cobalt	59-2	999.75	997.40	991.13	996.09	0.45	ppb
Copper	63-2	1996.70	1998.01	1987.20	1993.97	0.30	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				112		%
Holmium	165-1				113		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	47631.17	47444.31	48174.78	47750.09	0.79	ppb
Iron	57-2	46250.23	46898.63	46798.55	46649.14	0.75	ppb
Lead	206-1	1004.17	1011.93	1011.37	1009.16	0.43	ppb
Lead	207-1	999.20	1005.41	996.51	1000.37	0.46	ppb
Lead	208-1	1003.09	1005.82	1001.45	1003.46	0.22	ppb
Lithium	6-1				90		%
Magnesium	24-2	96922.36	97211.62	97826.51	97320.16	0.47	ppb
Manganese	55-2	1989.26	2007.36	1997.57	1998.06	0.45	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:11:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1003.06	993.54	1009.67	1002.09	0.81	ppb
Molybdenum	95-1	1002.09	1002.82	1005.29	1003.40	0.17	ppb
Molybdenum	96-1	1002.85	993.84	1007.78	1001.49	0.71	ppb
Molybdenum	97-1	1003.29	987.12	1003.05	997.82	0.93	ppb
Molybdenum	98-1	1003.61	996.61	1011.37	1003.86	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.91	988.28	997.69	991.96	0.51	ppb
Phosphorus	31-2	19922.10	19819.40	20168.34	19969.95	0.90	ppb
Potassium	39-2	48442.33	48155.22	49164.55	48587.37	1.07	ppb
Rhodium	103-2				98		%
Rhodium	103-1				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	991.27	979.00	1027.20	999.16	2.51	ppb
Selenium	78-2	999.77	996.92	1001.17	999.29	0.22	ppb
Selenium	82-1	992.97	991.84	1004.63	996.48	0.71	ppb
Silicon	28-1	962.52	968.30	962.99	964.60	0.33	ppb
Silver	109-1	993.22	984.50	995.10	990.94	0.57	ppb
Silver	107-1	984.61	990.15	997.72	990.83	0.66	ppb
Sodium	23-2	98687.65	99240.49	99315.53	99081.22	0.35	ppb
Strontium	86-1	997.12	987.48	1001.50	995.37	0.72	ppb
Strontium	88-1	1001.99	991.51	1003.71	999.07	0.66	ppb
Sulfur	34-1	20119.73	20207.72	19916.66	20081.37	0.74	ppb
Terbium	159-1				113		%
Terbium	159-2				113		%
Thallium	203-1	1006.41	1003.08	1008.44	1005.97	0.27	ppb
Thallium	205-1	1008.43	997.44	1003.38	1003.08	0.55	ppb
Tin	118-1	999.26	997.25	1004.34	1000.28	0.37	ppb
Titanium	47-1	998.20	997.34	993.22	996.25	0.27	ppb
Uranium	238-1	990.56	1006.06	1006.64	1001.09	0.91	ppb
Vanadium	51-2	993.00	996.21	1004.21	997.81	0.58	ppb
Yttrium	89-2				103		%
Yttrium	89-1				103		%
Zinc	66-2	1975.91	1988.50	1990.93	1985.11	0.41	ppb
Zirconium	90-1	997.70	990.62	1013.50	1000.61	1.17	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:11:14	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1002.04	995.01	1013.90	1003.65	0.95	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:14:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100567.24	99643.85	100506.50	100239.19	0.52	ppb
Antimony	121-1	4.87	5.17	5.58	5.21	6.86	ppb
Arsenic	75-2	1.43	1.50	1.48	1.47	2.47	ppb
Barium	135-1	1.60	1.65	1.86	1.70	8.02	ppb
Barium	137-1	1.57	1.64	1.57	1.60	2.60	ppb
Beryllium	9-1	0.18	0.17	0.14	0.16	13.10	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	21.39	20.12	17.42	19.64	10.33	ppb
Boron	11-1	20.82	19.19	16.68	18.90	11.02	ppb
Cadmium	106-1	1.10	0.23	-0.02	0.44	134.66	ppb
Cadmium	108-1	0.10	0.17	0.22	0.17	36.22	ppb
Cadmium	111-1	0.26	0.19	0.18	0.21	20.30	ppb
Calcium	43-1	501313.98	499912.74	502713.83	501313.52	0.28	ppb
Calcium	44-1	503580.28	499663.88	499093.50	500779.22	0.49	ppb
Chromium	52-2	24.59	24.34	24.26	24.39	0.72	ppb
Cobalt	59-2	1.30	1.26	1.23	1.26	2.86	ppb
Copper	63-2	3.20	3.22	3.28	3.23	1.40	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				110		%
Holmium	165-1				105		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	250078.93	249989.73	251619.26	250562.64	0.37	ppb
Iron	57-2	250732.98	250025.94	251756.76	250838.56	0.35	ppb
Lead	206-1	1.52	1.53	1.55	1.53	0.88	ppb
Lead	207-1	1.53	1.43	1.46	1.47	3.56	ppb
Lead	208-1	1.50	1.49	1.50	1.50	0.56	ppb
Lithium	6-1				84		%
Magnesium	24-2	501312.16	498692.20	501465.16	500489.84	0.31	ppb
Manganese	55-2	6.39	6.22	6.46	6.36	2.00	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:14:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.96	2.11	2.35	2.14	9.21	ppb
Molybdenum	95-1	6.12	6.41	7.16	6.56	8.18	ppb
Molybdenum	96-1	5.88	6.30	6.74	6.31	6.85	ppb
Molybdenum	97-1	6.24	6.82	7.14	6.73	6.73	ppb
Molybdenum	98-1	5.93	6.34	6.92	6.40	7.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.79	14.79	14.84	14.81	0.21	ppb
Phosphorus	31-2	4.47	7.29	-8.53	1.08	783.42	ppb
Potassium	39-2	249942.89	250059.66	251038.94	250347.16	0.24	ppb
Rhodium	103-2				90		%
Rhodium	103-1				92		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	3.02	3.85	1.42	2.76	44.68	ppb
Selenium	78-2	1.59	3.14	3.17	2.63	34.37	ppb
Selenium	82-1	1.79	1.45	1.44	1.56	12.74	ppb
Silicon	28-1	20.45	21.66	21.94	21.35	3.72	ppb
Silver	109-1	0.11	0.11	0.10	0.11	4.90	ppb
Silver	107-1	0.11	0.11	0.11	0.11	2.73	ppb
Sodium	23-2	500057.54	499360.37	500723.81	500047.24	0.14	ppb
Strontium	86-1	32.76	32.14	33.05	32.65	1.43	ppb
Strontium	88-1	32.31	32.09	32.42	32.27	0.52	ppb
Sulfur	34-1	-2005.27	-1778.51	-1852.80	-1878.86		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.55	0.48	0.46	0.50	9.18	ppb
Thallium	205-1	0.52	0.49	0.44	0.48	8.84	ppb
Tin	118-1	0.94	1.12	1.20	1.09	12.05	ppb
Titanium	47-1	0.53	0.74	0.61	0.63	16.88	ppb
Uranium	238-1	0.21	0.12	0.11	0.15	36.76	ppb
Vanadium	51-2	0.30	0.33	0.30	0.31	4.95	ppb
Yttrium	89-2				102		%
Yttrium	89-1				100		%
Zinc	66-2	8.11	7.93	8.20	8.08	1.71	ppb
Zirconium	90-1	0.19	0.19	0.19	0.19	0.51	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:14:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.18	0.19	0.18	3.86	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:18:30	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	484.88	493.31	485.65	487.95	0.96	ppb
Antimony	121-1	180.79	178.33	177.13	178.75	1.04	ppb
Arsenic	75-2	195.32	195.32	194.27	194.97	0.31	ppb
Barium	135-1	100.90	100.65	99.67	100.40	0.65	ppb
Barium	137-1	102.01	99.59	102.08	101.22	1.40	ppb
Beryllium	9-1	96.31	94.11	96.33	95.58	1.33	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	498.24	501.00	504.32	501.19	0.61	ppb
Boron	11-1	501.69	498.42	503.13	501.08	0.48	ppb
Cadmium	106-1	175.41	177.82	179.42	177.55	1.14	ppb
Cadmium	108-1	147.30	146.22	146.47	146.66	0.39	ppb
Cadmium	111-1	106.08	106.30	106.61	106.33	0.25	ppb
Calcium	43-1	2027.85	2081.65	2106.21	2071.90	1.93	ppb
Calcium	44-1	2020.04	2043.41	2029.57	2031.01	0.58	ppb
Chromium	52-2	95.19	96.25	95.98	95.81	0.57	ppb
Cobalt	59-2	98.12	100.46	99.85	99.48	1.22	ppb
Copper	63-2	99.07	100.86	99.95	99.96	0.89	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				112		%
Holmium	165-1				110		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	922.86	939.86	932.00	931.57	0.91	ppb
Iron	57-2	923.31	940.22	934.99	932.84	0.93	ppb
Lead	206-1	191.74	193.12	194.44	193.10	0.70	ppb
Lead	207-1	187.57	190.06	188.95	188.86	0.66	ppb
Lead	208-1	190.29	191.92	190.19	190.80	0.51	ppb
Lithium	6-1				94		%
Magnesium	24-2	1155.06	1181.77	1175.79	1170.87	1.20	ppb
Manganese	55-2	97.26	99.58	99.03	98.63	1.23	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:18:30	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	466.15	464.87	466.77	465.93	0.21	ppb
Molybdenum	95-1	456.93	455.08	457.91	456.64	0.31	ppb
Molybdenum	96-1	463.15	457.32	461.15	460.54	0.64	ppb
Molybdenum	97-1	467.23	461.83	467.07	465.38	0.66	ppb
Molybdenum	98-1	455.19	448.39	448.81	450.79	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.18	101.65	101.65	101.16	0.84	ppb
Phosphorus	31-2	-9.39	-5.54	0.58	-4.78		ppb
Potassium	39-2	1928.47	1968.31	1949.88	1948.89	1.02	ppb
Rhodium	103-2				104		%
Rhodium	103-1				106		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	183.13	193.70	194.99	190.61	3.41	ppb
Selenium	78-2	195.03	203.66	195.21	197.97	2.49	ppb
Selenium	82-1	196.11	191.84	196.28	194.74	1.29	ppb
Silicon	28-1	454.04	460.29	455.11	456.48	0.73	ppb
Silver	109-1	101.07	100.06	101.21	100.78	0.62	ppb
Silver	107-1	101.59	100.61	100.94	101.05	0.49	ppb
Sodium	23-2	2043.19	2069.84	2067.62	2060.22	0.72	ppb
Strontium	86-1	476.37	468.17	473.48	472.67	0.88	ppb
Strontium	88-1	476.56	468.68	477.10	474.11	0.99	ppb
Sulfur	34-1	-2179.78	-2055.69	-2200.71	-2145.39		ppb
Terbium	159-1				111		%
Terbium	159-2				113		%
Thallium	203-1	193.06	191.53	193.43	192.68	0.52	ppb
Thallium	205-1	193.34	192.21	193.94	193.16	0.45	ppb
Tin	118-1	477.75	473.16	473.83	474.91	0.52	ppb
Titanium	47-1	464.71	466.94	461.77	464.47	0.56	ppb
Uranium	238-1	443.08	447.19	439.93	443.40	0.82	ppb
Vanadium	51-2	95.40	96.41	95.98	95.93	0.53	ppb
Yttrium	89-2				107		%
Yttrium	89-1				107		%
Zinc	66-2	201.61	202.90	203.06	202.52	0.39	ppb
Zirconium	90-1	475.80	469.61	469.63	471.68	0.76	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:18:30	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	458.69	457.30	459.21	458.40	0.22	ppb

LB Number : LB86309 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-03-10 15:22:00 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.18	1.00	1.17	1.12	9.01	ppb
Antimony	121-1	1.34	1.63	1.75	1.57	13.28	ppb
Arsenic	75-2	0.49	0.52	0.60	0.54	10.42	ppb
Barium	135-1	0.05	0.04	0.04	0.04	15.60	ppb
Barium	137-1	0.04	0.04	0.03	0.04	12.29	ppb
Beryllium	9-1	0.05	0.07	0.04	0.05	23.43	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	6.97	6.28	5.80	6.35	9.31	ppb
Boron	11-1	6.95	6.16	6.74	6.62	6.24	ppb
Cadmium	106-1	-1.46	0.33	-1.27	-0.80		ppb
Cadmium	108-1	-0.04	0.05	-0.07	-0.02		ppb
Cadmium	111-1	-0.10	0.05	-0.08	-0.04		ppb
Calcium	43-1	-2.33	0.08	-0.35	-0.87		ppb
Calcium	44-1	4.90	6.14	7.25	6.10	19.26	ppb
Chromium	52-2	0.03	0.00	0.03	0.02	102.78	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	50.04	ppb
Copper	63-2	0.04	0.04	0.03	0.04	18.29	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				114		%
Holmium	165-1				111		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	3.52	3.60	3.81	3.64	4.16	ppb
Iron	57-2	3.29	3.31	3.85	3.48	9.09	ppb
Lead	206-1	0.18	0.19	0.17	0.18	5.16	ppb
Lead	207-1	0.15	0.17	0.16	0.16	6.41	ppb
Lead	208-1	0.18	0.17	0.16	0.17	5.58	ppb
Lithium	6-1				93		%
Magnesium	24-2	4.89	3.85	4.13	4.29	12.54	ppb
Manganese	55-2	0.01	0.02	0.02	0.02	17.02	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:22:00	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.31	0.37	0.44	0.37	17.25	ppb
Molybdenum	95-1	0.88	1.11	1.49	1.16	26.54	ppb
Molybdenum	96-1	0.76	0.99	1.19	0.98	21.62	ppb
Molybdenum	97-1	0.93	1.18	1.38	1.16	19.26	ppb
Molybdenum	98-1	0.87	1.12	1.38	1.12	22.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.00	0.01	48.68	ppb
Phosphorus	31-2	-16.36	-20.32	-9.09	-15.26		ppb
Potassium	39-2	3.77	6.54	5.70	5.34	26.62	ppb
Rhodium	103-2				104		%
Rhodium	103-1				107		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	1.08	0.07	-0.18	0.32	206.39	ppb
Selenium	78-2	0.90	0.97	0.60	0.82	24.12	ppb
Selenium	82-1	-0.37	-0.93	-0.99	-0.76		ppb
Silicon	28-1	-20.74	-17.95	-20.41	-19.70		ppb
Silver	109-1	0.01	0.02	0.02	0.02	26.53	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.68	ppb
Sodium	23-2	50.81	47.52	48.98	49.10	3.35	ppb
Strontium	86-1	-0.07	-0.01	-0.07	-0.05		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	30.05	ppb
Sulfur	34-1	-2433.02	-2240.75	-2067.24	-2247.00		ppb
Terbium	159-1				110		%
Terbium	159-2				114		%
Thallium	203-1	0.14	0.13	0.11	0.13	12.07	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	2.03	ppb
Tin	118-1	0.36	0.43	0.59	0.46	25.21	ppb
Titanium	47-1	0.03	0.08	0.07	0.06	45.40	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.07	ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	30.22	ppb
Yttrium	89-2				108		%
Yttrium	89-1				107		%
Zinc	66-2	0.10	0.11	0.11	0.11	7.99	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	23.14	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:22:00	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.05	0.05	17.74	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:25:31	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92551.05	91073.77	91883.86	91836.23	0.81	ppb
Antimony	121-1	1.77	1.79	1.89	1.82	3.40	ppb
Arsenic	75-2	0.52	0.55	0.54	0.54	2.22	ppb
Barium	135-1	1.50	1.56	1.41	1.49	5.07	ppb
Barium	137-1	1.56	1.54	1.41	1.50	5.57	ppb
Beryllium	9-1	0.30	0.34	0.36	0.34	9.21	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	6.02	6.76	6.00	6.26	6.89	ppb
Boron	11-1	6.57	5.99	6.59	6.38	5.38	ppb
Cadmium	106-1	-0.36	-0.26	-0.80	-0.47		ppb
Cadmium	108-1	11.90	11.96	11.98	11.95	0.33	ppb
Cadmium	111-1	0.52	0.42	0.40	0.45	14.80	ppb
Calcium	43-1	92401.24	92488.77	92200.93	92363.64	0.16	ppb
Calcium	44-1	96263.72	96090.92	95115.70	95823.45	0.65	ppb
Chromium	52-2	19.46	19.23	19.62	19.44	1.03	ppb
Cobalt	59-2	1.17	1.13	1.18	1.16	1.99	ppb
Copper	63-2	8.09	8.02	8.19	8.10	1.07	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				113		%
Holmium	165-1				110		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	93311.01	93618.21	94258.56	93729.26	0.52	ppb
Iron	57-2	93420.06	93443.13	94033.90	93632.36	0.37	ppb
Lead	206-1	4.83	4.74	4.81	4.79	0.95	ppb
Lead	207-1	4.18	4.08	4.17	4.14	1.26	ppb
Lead	208-1	4.45	4.33	4.45	4.41	1.60	ppb
Lithium	6-1				89		%
Magnesium	24-2	95034.23	93278.11	94382.89	94231.74	0.94	ppb
Manganese	55-2	7.73	7.49	7.79	7.67	2.10	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:25:31	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	593.97	582.64	580.91	585.84	1.21	ppb
Molybdenum	95-1	1937.91	1924.77	1912.64	1925.11	0.66	ppb
Molybdenum	96-1	1599.96	1585.70	1587.08	1590.91	0.49	ppb
Molybdenum	97-1	2015.57	1987.87	1995.78	1999.74	0.71	ppb
Molybdenum	98-1	1954.42	1939.25	1937.50	1943.72	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.43	5.33	5.42	5.39	0.95	ppb
Phosphorus	31-2	97800.86	96697.00	97881.10	97459.66	0.68	ppb
Potassium	39-2	96962.79	95731.11	96223.41	96305.77	0.64	ppb
Rhodium	103-2				97		%
Rhodium	103-1				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	0.35	0.86	0.08	0.43	93.09	ppb
Selenium	78-2	0.76	0.79	1.04	0.86	18.06	ppb
Selenium	82-1	0.24	0.10	0.43	0.25	64.55	ppb
Silicon	28-1	15.08	8.69	9.58	11.12	31.11	ppb
Silver	109-1	0.16	0.16	0.18	0.17	5.94	ppb
Silver	107-1	0.16	0.17	0.19	0.17	8.51	ppb
Sodium	23-2	98670.45	97666.89	97556.58	97964.64	0.63	ppb
Strontium	86-1	33.04	32.94	32.77	32.92	0.41	ppb
Strontium	88-1	32.73	32.51	32.93	32.72	0.65	ppb
Sulfur	34-1	78894.78	78430.65	78487.43	78604.29	0.32	ppb
Terbium	159-1				110		%
Terbium	159-2				113		%
Thallium	203-1	0.29	0.30	0.29	0.29	2.24	ppb
Thallium	205-1	0.28	0.29	0.29	0.29	1.57	ppb
Tin	118-1	0.28	0.31	0.37	0.32	13.95	ppb
Titanium	47-1	1934.96	1931.61	1928.87	1931.81	0.16	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	11.53	ppb
Vanadium	51-2	0.15	0.17	0.16	0.16	4.97	ppb
Yttrium	89-2				104		%
Yttrium	89-1				106		%
Zinc	66-2	11.35	11.76	11.33	11.48	2.13	ppb
Zirconium	90-1	0.14	0.14	0.17	0.15	10.50	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:25:31	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.18	0.17	0.17	5.72	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:28:59	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92862.76	90692.63	91133.43	91562.94	1.25	ppb
Antimony	121-1	18.82	18.31	18.76	18.63	1.51	ppb
Arsenic	75-2	19.91	19.63	19.92	19.82	0.83	ppb
Barium	135-1	21.32	21.52	21.45	21.43	0.46	ppb
Barium	137-1	21.75	21.42	21.96	21.71	1.23	ppb
Beryllium	9-1	19.86	19.65	20.19	19.90	1.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	53.31	54.33	55.96	54.53	2.45	ppb
Boron	11-1	54.82	53.23	55.58	54.54	2.19	ppb
Cadmium	106-1	24.13	23.34	24.80	24.09	3.03	ppb
Cadmium	108-1	33.72	33.07	33.30	33.36	1.00	ppb
Cadmium	111-1	19.90	19.67	20.31	19.96	1.64	ppb
Calcium	43-1	92138.15	92579.65	93171.38	92629.73	0.56	ppb
Calcium	44-1	95505.68	95670.00	97030.05	96068.58	0.87	ppb
Chromium	52-2	39.23	39.08	38.90	39.07	0.43	ppb
Cobalt	59-2	21.10	20.79	20.96	20.95	0.75	ppb
Copper	63-2	28.07	28.22	28.20	28.16	0.30	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				114		%
Holmium	165-1				111		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	94618.04	94656.58	93771.28	94348.63	0.53	ppb
Iron	57-2	94606.64	93525.07	93789.58	93973.77	0.60	ppb
Lead	206-1	24.54	25.65	24.37	24.85	2.80	ppb
Lead	207-1	22.73	23.87	22.71	23.10	2.86	ppb
Lead	208-1	23.31	24.45	23.34	23.70	2.74	ppb
Lithium	6-1				89		%
Magnesium	24-2	94951.44	92668.15	93831.05	93816.88	1.22	ppb
Manganese	55-2	27.66	27.62	27.53	27.60	0.24	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:28:59	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	627.32	626.27	625.27	626.29	0.16	ppb
Molybdenum	95-1	1964.64	1963.06	1948.28	1958.66	0.46	ppb
Molybdenum	96-1	1612.04	1638.55	1623.89	1624.83	0.82	ppb
Molybdenum	97-1	2042.24	2031.95	2029.62	2034.61	0.33	ppb
Molybdenum	98-1	1983.77	1972.61	1977.57	1977.98	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.41	24.63	25.20	25.08	1.60	ppb
Phosphorus	31-2	97416.72	96743.87	97005.75	97055.45	0.35	ppb
Potassium	39-2	97246.33	96008.41	96469.79	96574.84	0.65	ppb
Rhodium	103-2				98		%
Rhodium	103-1				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	22.54	16.20	22.28	20.34	17.63	ppb
Selenium	78-2	21.23	19.23	18.72	19.73	6.73	ppb
Selenium	82-1	18.15	19.98	19.62	19.25	5.05	ppb
Silicon	28-1	78.81	79.79	79.99	79.53	0.80	ppb
Silver	109-1	18.26	18.18	18.73	18.39	1.61	ppb
Silver	107-1	18.23	18.33	18.82	18.46	1.71	ppb
Sodium	23-2	98394.76	98388.84	98605.22	98462.94	0.13	ppb
Strontium	86-1	80.37	80.63	81.70	80.90	0.87	ppb
Strontium	88-1	79.51	80.71	80.17	80.13	0.75	ppb
Sulfur	34-1	78231.30	77963.92	78869.75	78354.99	0.59	ppb
Terbium	159-1				113		%
Terbium	159-2				114		%
Thallium	203-1	19.68	21.02	19.84	20.18	3.64	ppb
Thallium	205-1	19.90	20.97	20.01	20.29	2.92	ppb
Tin	118-1	47.18	47.19	48.31	47.56	1.36	ppb
Titanium	47-1	1971.26	1975.47	1973.63	1973.45	0.11	ppb
Uranium	238-1	46.89	48.51	46.58	47.33	2.19	ppb
Vanadium	51-2	19.70	19.56	19.64	19.63	0.34	ppb
Yttrium	89-2				105		%
Yttrium	89-1				106		%
Zinc	66-2	31.57	32.30	32.47	32.11	1.48	ppb
Zirconium	90-1	47.15	48.22	47.60	47.66	1.13	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:28:59	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.10	48.02	47.35	47.49	0.99	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:32:27	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9456.42	9369.00	9387.72	9404.38	0.49	ppb
Antimony	121-1	507.60	500.00	499.40	502.34	0.91	ppb
Arsenic	75-2	499.50	501.30	499.29	500.03	0.22	ppb
Barium	135-1	2550.13	2549.84	2596.00	2565.32	1.04	ppb
Barium	137-1	2543.70	2548.85	2569.71	2554.09	0.54	ppb
Beryllium	9-1	498.54	500.09	497.55	498.73	0.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	486.08	494.94	495.63	492.22	1.08	ppb
Boron	11-1	491.66	495.50	499.38	495.51	0.78	ppb
Cadmium	106-1	507.85	512.69	512.66	511.07	0.54	ppb
Cadmium	108-1	509.53	507.44	513.82	510.26	0.64	ppb
Cadmium	111-1	511.57	510.66	515.60	512.61	0.51	ppb
Calcium	43-1	47195.50	47995.91	47411.11	47534.17	0.87	ppb
Calcium	44-1	48425.30	49608.34	48672.48	48902.04	1.28	ppb
Chromium	52-2	497.60	497.19	496.71	497.17	0.09	ppb
Cobalt	59-2	492.36	488.42	492.51	491.10	0.47	ppb
Copper	63-2	1007.30	997.24	1002.65	1002.40	0.50	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				114		%
Holmium	165-1				115		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	24220.78	23960.28	24075.96	24085.67	0.54	ppb
Iron	57-2	23396.53	23239.56	23400.39	23345.49	0.39	ppb
Lead	206-1	493.08	480.51	474.59	482.73	1.96	ppb
Lead	207-1	497.75	486.39	492.00	492.05	1.15	ppb
Lead	208-1	499.34	485.40	486.17	490.30	1.60	ppb
Lithium	6-1				90		%
Magnesium	24-2	49232.25	48688.72	48940.76	48953.91	0.56	ppb
Manganese	55-2	999.05	993.89	999.22	997.38	0.30	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:32:27	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	492.00	498.23	496.09	495.44	0.64	ppb
Molybdenum	95-1	491.60	491.67	479.88	487.72	1.39	ppb
Molybdenum	96-1	493.69	492.40	483.77	489.96	1.10	ppb
Molybdenum	97-1	498.08	501.07	487.61	495.59	1.43	ppb
Molybdenum	98-1	507.00	503.81	494.13	501.65	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.53	494.62	498.01	496.72	0.37	ppb
Phosphorus	31-2	9948.01	9880.94	9778.35	9869.10	0.87	ppb
Potassium	39-2	24715.62	24891.27	25072.96	24893.28	0.72	ppb
Rhodium	103-2				102		%
Rhodium	103-1				105		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	516.11	518.73	509.65	514.83	0.91	ppb
Selenium	78-2	500.74	504.18	516.30	507.07	1.61	ppb
Selenium	82-1	496.58	499.71	493.64	496.64	0.61	ppb
Silicon	28-1	485.30	498.82	490.97	491.70	1.38	ppb
Silver	109-1	512.72	512.14	521.09	515.32	0.97	ppb
Silver	107-1	522.54	518.12	522.93	521.20	0.51	ppb
Sodium	23-2	50040.83	49721.29	49426.20	49729.44	0.62	ppb
Strontium	86-1	498.35	497.85	495.95	497.38	0.25	ppb
Strontium	88-1	502.67	502.67	494.96	500.10	0.89	ppb
Sulfur	34-1	7795.78	8011.83	7752.81	7853.47	1.77	ppb
Terbium	159-1				113		%
Terbium	159-2				115		%
Thallium	203-1	499.67	488.26	479.21	489.05	2.10	ppb
Thallium	205-1	509.15	500.22	492.64	500.67	1.65	ppb
Tin	118-1	529.71	518.06	525.87	524.54	1.13	ppb
Titanium	47-1	496.69	498.86	492.55	496.03	0.65	ppb
Uranium	238-1	490.12	480.44	478.53	483.03	1.29	ppb
Vanadium	51-2	497.26	494.35	496.30	495.97	0.30	ppb
Yttrium	89-2				107		%
Yttrium	89-1				109		%
Zinc	66-2	1003.21	999.74	1004.59	1002.51	0.25	ppb
Zirconium	90-1	501.33	500.49	497.57	499.80	0.39	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:32:27	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.69	486.76	481.71	485.05	0.60	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:35:50	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	1.76	1.31	1.72	22.73	ppb
Antimony	121-1	1.87	2.13	2.37	2.12	11.62	ppb
Arsenic	75-2	0.61	0.67	0.70	0.66	6.70	ppb
Barium	135-1	0.10	0.07	0.08	0.08	22.64	ppb
Barium	137-1	0.10	0.06	0.07	0.08	27.86	ppb
Beryllium	9-1	0.07	0.04	0.10	0.07	36.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	9.74	9.39	7.28	8.80	15.14	ppb
Boron	11-1	9.25	8.73	8.08	8.69	6.73	ppb
Cadmium	106-1	-1.41	0.27	-0.03	-0.39		ppb
Cadmium	108-1	0.01	0.01	0.00	0.01	150.39	ppb
Cadmium	111-1	-0.06	0.05	0.03	0.00	1370.71	ppb
Calcium	43-1	-3.17	0.34	-3.50	-2.11		ppb
Calcium	44-1	5.57	4.96	4.86	5.13	7.47	ppb
Chromium	52-2	0.04	0.01	0.01	0.02	105.34	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	127.91	ppb
Copper	63-2	0.27	0.24	0.26	0.26	5.83	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				112		%
Holmium	165-1				111		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	3.74	3.67	3.67	3.69	1.09	ppb
Iron	57-2	3.00	3.69	3.79	3.49	12.25	ppb
Lead	206-1	0.07	0.06	0.04	0.06	32.45	ppb
Lead	207-1	0.06	0.06	0.04	0.05	19.49	ppb
Lead	208-1	0.06	0.06	0.05	0.06	14.01	ppb
Lithium	6-1				89		%
Magnesium	24-2	2.01	2.01	2.21	2.08	5.45	ppb
Manganese	55-2	0.01	0.02	0.02	0.02	24.06	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:35:50	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.41	0.55	0.66	0.54	23.42	ppb
Molybdenum	95-1	1.23	1.59	1.96	1.60	22.81	ppb
Molybdenum	96-1	1.02	1.41	1.64	1.35	23.04	ppb
Molybdenum	97-1	1.17	1.56	2.01	1.58	26.66	ppb
Molybdenum	98-1	1.22	1.62	1.94	1.60	22.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.00	0.00	237.25	ppb
Phosphorus	31-2	-8.50	-14.94	-14.03	-12.49		ppb
Potassium	39-2	9.65	5.26	4.26	6.39	44.85	ppb
Rhodium	103-2				104		%
Rhodium	103-1				107		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	0.59	1.09	0.33	0.67	57.82	ppb
Selenium	78-2	1.16	1.69	1.23	1.36	21.15	ppb
Selenium	82-1	-0.01	0.83	-0.31	0.17	350.27	ppb
Silicon	28-1	-19.97	-19.92	-18.90	-19.59		ppb
Silver	109-1	0.06	0.05	0.06	0.05	8.57	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.62	ppb
Sodium	23-2	34.41	33.56	32.91	33.63	2.25	ppb
Strontium	86-1	-0.04	0.16	-0.08	0.02	859.00	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	25.73	ppb
Sulfur	34-1	-3222.94	-3027.00	-3187.92	-3145.95		ppb
Terbium	159-1				110		%
Terbium	159-2				113		%
Thallium	203-1	0.13	0.10	0.10	0.11	19.66	ppb
Thallium	205-1	0.11	0.10	0.10	0.11	6.15	ppb
Tin	118-1	0.35	0.40	0.48	0.41	15.78	ppb
Titanium	47-1	0.13	0.05	0.10	0.10	42.68	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	4.52	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	16.38	ppb
Yttrium	89-2				107		%
Yttrium	89-1				108		%
Zinc	66-2	0.10	0.07	0.14	0.11	30.36	ppb
Zirconium	90-1	0.03	0.04	0.06	0.04	32.15	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:35:50	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.08	0.06	25.50	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:39:20	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.39	18.91	20.01	19.77	3.89	ppb
Antimony	121-1	2.43	2.61	2.60	2.55	4.03	ppb
Arsenic	75-2	1.22	1.27	1.20	1.23	3.07	ppb
Barium	135-1	9.61	9.90	9.52	9.68	2.08	ppb
Barium	137-1	9.79	9.78	9.60	9.72	1.09	ppb
Beryllium	9-1	1.08	1.07	1.08	1.07	0.68	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	29.41	30.23	30.34	29.99	1.70	ppb
Boron	11-1	30.74	30.82	30.93	30.83	0.31	ppb
Cadmium	106-1	0.58	0.06	0.59	0.41	74.36	ppb
Cadmium	108-1	0.88	1.14	0.95	0.99	13.75	ppb
Cadmium	111-1	1.04	1.06	0.97	1.03	4.72	ppb
Calcium	43-1	451.48	449.18	438.86	446.51	1.50	ppb
Calcium	44-1	470.83	459.98	453.45	461.42	1.90	ppb
Chromium	52-2	2.05	2.00	2.00	2.02	1.34	ppb
Cobalt	59-2	0.98	1.00	1.00	0.99	1.06	ppb
Copper	63-2	2.21	2.16	2.24	2.20	1.66	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				112		%
Holmium	165-1				109		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	48.29	48.84	47.89	48.34	0.98	ppb
Iron	57-2	44.15	47.92	47.92	46.66	4.66	ppb
Lead	206-1	0.97	1.01	0.98	0.98	2.47	ppb
Lead	207-1	1.01	1.02	0.92	0.98	5.49	ppb
Lead	208-1	0.99	0.99	0.96	0.98	2.14	ppb
Lithium	6-1				88		%
Magnesium	24-2	475.37	473.19	473.74	474.10	0.24	ppb
Manganese	55-2	1.08	1.02	1.02	1.04	3.50	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:39:20	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.12	2.16	2.10	2.13	1.61	ppb
Molybdenum	95-1	5.08	5.23	5.16	5.16	1.51	ppb
Molybdenum	96-1	4.40	4.56	4.46	4.47	1.87	ppb
Molybdenum	97-1	5.20	5.16	5.43	5.26	2.72	ppb
Molybdenum	98-1	4.95	5.22	5.23	5.13	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.07	1.03	1.02	6.56	ppb
Phosphorus	31-2	6.98	25.12	1.52	11.21	110.28	ppb
Potassium	39-2	478.03	482.29	471.82	477.38	1.10	ppb
Rhodium	103-2				104		%
Rhodium	103-1				106		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	3.17	3.89	6.16	4.40	35.36	ppb
Selenium	78-2	5.00	5.11	4.94	5.02	1.68	ppb
Selenium	82-1	4.80	4.18	5.21	4.73	10.91	ppb
Silicon	28-1	-11.58	-13.93	-13.15	-12.89		ppb
Silver	109-1	0.95	0.96	0.93	0.95	1.47	ppb
Silver	107-1	0.94	0.94	0.93	0.94	0.48	ppb
Sodium	23-2	514.41	506.74	510.58	510.58	0.75	ppb
Strontium	86-1	0.90	0.91	1.01	0.94	6.31	ppb
Strontium	88-1	0.94	0.98	0.98	0.97	1.95	ppb
Sulfur	34-1	-2666.77	-2860.93	-2966.94	-2831.55		ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	0.99	0.98	0.98	0.99	0.52	ppb
Thallium	205-1	0.95	0.97	0.98	0.97	1.74	ppb
Tin	118-1	4.88	5.03	5.07	4.99	1.99	ppb
Titanium	47-1	4.63	4.53	4.74	4.63	2.24	ppb
Uranium	238-1	0.93	0.93	0.94	0.93	0.24	ppb
Vanadium	51-2	4.83	4.78	4.69	4.76	1.53	ppb
Yttrium	89-2				107		%
Yttrium	89-1				107		%
Zinc	66-2	2.33	2.14	2.12	2.20	5.17	ppb
Zirconium	90-1	0.85	0.85	0.79	0.83	4.49	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:39:20	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.83	0.79	0.82	0.81	2.55	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2045-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAQ8	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:42:50	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	0.95	1.00	0.91	12.16	ppb
Antimony	121-1	0.17	0.19	0.27	0.21	26.20	ppb
Arsenic	75-2	0.19	0.24	0.18	0.20	15.07	ppb
Barium	135-1	0.82	0.77	0.76	0.78	3.86	ppb
Barium	137-1	0.73	0.73	0.74	0.73	0.76	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	6.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	8.38	8.24	8.34	8.32	0.89	ppb
Boron	11-1	9.07	8.45	8.70	8.74	3.58	ppb
Cadmium	106-1	-0.10	0.20	0.50	0.20	152.99	ppb
Cadmium	108-1	0.01	-0.07	-0.07	-0.04		ppb
Cadmium	111-1	0.01	0.03	0.05	0.03	71.08	ppb
Calcium	43-1	13855.05	14164.58	13907.00	13975.54	1.19	ppb
Calcium	44-1	14297.55	14348.06	14347.12	14330.91	0.20	ppb
Chromium	52-2	0.25	0.27	0.25	0.26	4.86	ppb
Cobalt	59-2	0.23	0.22	0.24	0.23	3.97	ppb
Copper	63-2	0.39	0.42	0.41	0.41	3.50	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				112		%
Holmium	165-1				110		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	4.55	4.64	4.63	4.61	1.02	ppb
Iron	57-2	5.91	6.72	7.12	6.58	9.38	ppb
Lead	206-1	0.12	0.15	0.16	0.14	16.30	ppb
Lead	207-1	0.12	0.13	0.16	0.14	15.33	ppb
Lead	208-1	0.13	0.14	0.16	0.14	11.54	ppb
Lithium	6-1				89		%
Magnesium	24-2	20914.15	20450.10	20731.54	20698.60	1.13	ppb
Manganese	55-2	145.12	144.82	145.20	145.05	0.14	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2045-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAQ8	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:42:50	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.15	0.20	0.15	26.05	ppb
Molybdenum	95-1	0.35	0.39	0.51	0.41	20.28	ppb
Molybdenum	96-1	0.30	0.34	0.41	0.35	15.33	ppb
Molybdenum	97-1	0.34	0.44	0.46	0.41	15.92	ppb
Molybdenum	98-1	0.29	0.36	0.52	0.39	30.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.28	0.33	0.31	7.75	ppb
Phosphorus	31-2	-7.14	-17.51	-9.38	-11.34		ppb
Potassium	39-2	186.19	186.68	187.52	186.79	0.36	ppb
Rhodium	103-2				103		%
Rhodium	103-1				108		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	0.07	0.32	-0.18	0.07	353.13	ppb
Selenium	78-2	1.70	1.61	0.02	1.11	85.49	ppb
Selenium	82-1	-0.71	-0.18	-0.79	-0.56		ppb
Silicon	28-1	360.77	366.03	361.77	362.86	0.77	ppb
Silver	109-1	0.03	0.03	0.04	0.03	21.04	ppb
Silver	107-1	0.03	0.02	0.04	0.03	26.77	ppb
Sodium	23-2	4769.73	4751.93	4712.05	4744.57	0.62	ppb
Strontium	86-1	181.57	178.82	179.77	180.05	0.78	ppb
Strontium	88-1	182.87	179.57	182.41	181.62	0.98	ppb
Sulfur	34-1	40302.74	40761.34	40727.87	40597.32	0.63	ppb
Terbium	159-1				111		%
Terbium	159-2				113		%
Thallium	203-1	0.04	0.02	0.05	0.04	40.02	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	4.04	ppb
Tin	118-1	0.05	0.10	0.11	0.08	37.39	ppb
Titanium	47-1	0.10	0.11	0.09	0.10	11.49	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	8.71	ppb
Vanadium	51-2	0.06	0.05	0.07	0.06	13.41	ppb
Yttrium	89-2				108		%
Yttrium	89-1				109		%
Zinc	66-2	0.33	0.32	0.35	0.33	4.76	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	9.10	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2045-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAQ8	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:42:50	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.06	0.05	33.27	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2048-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAS2	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:46:20	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	1.03	0.38	0.67	49.57	ppb
Antimony	121-1	0.06	0.05	0.11	0.08	42.21	ppb
Arsenic	75-2	0.19	0.16	0.21	0.19	12.19	ppb
Barium	135-1	0.76	0.74	0.75	0.75	0.97	ppb
Barium	137-1	0.80	0.72	0.78	0.77	5.64	ppb
Beryllium	9-1	0.01	0.04	0.04	0.03	55.98	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	7.26	7.37	7.64	7.43	2.63	ppb
Boron	11-1	7.64	7.69	7.71	7.68	0.46	ppb
Cadmium	106-1	-0.80	-0.18	-0.36	-0.45		ppb
Cadmium	108-1	-0.09	-0.04	-0.04	-0.05		ppb
Cadmium	111-1	-0.04	0.00	-0.01	-0.02		ppb
Calcium	43-1	13988.63	13797.59	13742.33	13842.85	0.93	ppb
Calcium	44-1	14597.87	14256.22	14161.45	14338.51	1.60	ppb
Chromium	52-2	0.05	0.00	0.04	0.03	96.47	ppb
Cobalt	59-2	0.22	0.21	0.22	0.22	3.14	ppb
Copper	63-2	0.41	0.45	0.40	0.42	6.25	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				116		%
Holmium	165-1				111		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	1.96	2.02	2.02	2.00	1.66	ppb
Iron	57-2	4.31	3.83	4.15	4.09	5.98	ppb
Lead	206-1	0.12	0.14	0.13	0.13	11.35	ppb
Lead	207-1	0.11	0.13	0.13	0.13	10.57	ppb
Lead	208-1	0.12	0.14	0.14	0.13	7.52	ppb
Lithium	6-1				90		%
Magnesium	24-2	20828.43	20590.39	20578.76	20665.86	0.68	ppb
Manganese	55-2	144.52	144.70	145.65	144.95	0.42	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2048-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAS2	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:46:20	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.10	0.13	0.10	22.29	ppb
Molybdenum	95-1	0.24	0.28	0.33	0.29	15.42	ppb
Molybdenum	96-1	0.19	0.27	0.31	0.26	24.61	ppb
Molybdenum	97-1	0.21	0.28	0.32	0.27	21.00	ppb
Molybdenum	98-1	0.23	0.30	0.34	0.29	19.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.16	0.16	0.17	10.51	ppb
Phosphorus	31-2	-5.39	-8.23	-21.83	-11.82		ppb
Potassium	39-2	183.58	175.77	181.77	180.37	2.27	ppb
Rhodium	103-2				105		%
Rhodium	103-1				107		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	-0.18	0.31	0.06	0.07	378.18	ppb
Selenium	78-2	0.31	0.62	0.37	0.43	37.85	ppb
Selenium	82-1	-0.93	-0.38	-0.36	-0.56		ppb
Silicon	28-1	482.54	358.44	353.61	398.20	18.35	ppb
Silver	109-1	0.03	0.02	0.03	0.03	24.92	ppb
Silver	107-1	0.03	0.03	0.03	0.03	11.22	ppb
Sodium	23-2	4756.64	4779.13	4784.94	4773.57	0.31	ppb
Strontium	86-1	179.18	176.62	175.83	177.21	0.99	ppb
Strontium	88-1	179.89	179.39	179.05	179.44	0.24	ppb
Sulfur	34-1	42203.14	41716.92	41284.52	41734.86	1.10	ppb
Terbium	159-1				112		%
Terbium	159-2				116		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.44	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	17.13	ppb
Tin	118-1	0.04	0.06	0.09	0.06	40.03	ppb
Titanium	47-1	0.03	0.03	0.07	0.04	61.19	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	7.93	ppb
Vanadium	51-2	0.04	0.05	0.06	0.05	16.97	ppb
Yttrium	89-2				110		%
Yttrium	89-1				109		%
Zinc	66-2	0.27	0.36	0.30	0.31	13.65	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	36.82	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2048-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAS2	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:46:20	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.03	0.03	20.42	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:49:49	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9385.10	9533.40	9385.61	9434.70	0.91	ppb
Antimony	121-1	507.85	495.85	502.17	501.95	1.20	ppb
Arsenic	75-2	501.86	500.46	500.48	500.93	0.16	ppb
Barium	135-1	2571.33	2535.92	2556.59	2554.61	0.70	ppb
Barium	137-1	2559.92	2522.15	2577.65	2553.24	1.11	ppb
Beryllium	9-1	504.85	507.88	507.24	506.66	0.32	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	494.28	503.56	503.76	500.54	1.08	ppb
Boron	11-1	496.46	501.71	510.66	502.94	1.43	ppb
Cadmium	106-1	519.63	511.32	517.02	515.99	0.82	ppb
Cadmium	108-1	512.37	511.24	515.35	512.99	0.41	ppb
Cadmium	111-1	519.79	516.62	516.42	517.61	0.36	ppb
Calcium	43-1	47212.44	47216.36	48087.75	47505.52	1.06	ppb
Calcium	44-1	49039.08	48973.79	49202.84	49071.90	0.24	ppb
Chromium	52-2	497.89	503.48	497.52	499.63	0.67	ppb
Cobalt	59-2	498.00	495.72	494.21	495.98	0.39	ppb
Copper	63-2	1034.16	1019.08	1015.94	1023.06	0.95	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				113		%
Holmium	165-1				113		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	24324.43	24412.46	24350.58	24362.49	0.19	ppb
Iron	57-2	23436.82	23583.77	23463.06	23494.55	0.33	ppb
Lead	206-1	477.94	474.44	482.99	478.46	0.90	ppb
Lead	207-1	488.49	486.08	491.31	488.63	0.54	ppb
Lead	208-1	489.59	486.93	491.08	489.20	0.43	ppb
Lithium	6-1				89		%
Magnesium	24-2	49193.99	49960.35	49232.17	49462.17	0.87	ppb
Manganese	55-2	1002.65	999.23	997.00	999.63	0.29	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:49:49	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.65	509.60	494.14	500.13	1.66	ppb
Molybdenum	95-1	484.87	494.79	486.61	488.76	1.08	ppb
Molybdenum	96-1	484.85	498.24	490.78	491.29	1.37	ppb
Molybdenum	97-1	492.36	499.07	493.24	494.89	0.74	ppb
Molybdenum	98-1	499.88	508.23	501.23	503.11	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.23	502.78	500.04	502.68	0.52	ppb
Phosphorus	31-2	10012.62	9947.86	9897.88	9952.79	0.58	ppb
Potassium	39-2	25169.36	25070.98	24870.08	25036.81	0.61	ppb
Rhodium	103-2				100		%
Rhodium	103-1				105		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	501.08	516.53	492.99	503.54	2.38	ppb
Selenium	78-2	504.54	504.50	509.36	506.13	0.55	ppb
Selenium	82-1	498.48	507.89	501.13	502.50	0.97	ppb
Silicon	28-1	488.80	493.43	503.55	495.26	1.52	ppb
Silver	109-1	522.29	516.05	517.75	518.69	0.62	ppb
Silver	107-1	526.47	512.24	524.08	520.93	1.46	ppb
Sodium	23-2	50121.45	50517.56	49759.24	50132.75	0.76	ppb
Strontium	86-1	493.36	503.92	501.38	499.55	1.10	ppb
Strontium	88-1	496.40	502.69	504.28	501.12	0.83	ppb
Sulfur	34-1	8674.30	8472.51	8491.90	8546.24	1.30	ppb
Terbium	159-1				112		%
Terbium	159-2				114		%
Thallium	203-1	486.53	483.55	490.33	486.80	0.70	ppb
Thallium	205-1	502.10	488.05	500.41	496.85	1.54	ppb
Tin	118-1	498.92	495.00	523.34	505.75	3.04	ppb
Titanium	47-1	493.25	496.12	500.63	496.67	0.75	ppb
Uranium	238-1	477.45	482.07	481.87	480.46	0.54	ppb
Vanadium	51-2	497.13	500.69	495.49	497.77	0.53	ppb
Yttrium	89-2				106		%
Yttrium	89-1				108		%
Zinc	66-2	1013.12	1011.30	1006.74	1010.39	0.33	ppb
Zirconium	90-1	501.24	503.80	501.62	502.22	0.27	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:49:49	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.85	490.75	486.42	488.34	0.45	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:53:13	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.58	0.81	0.49	78.21	ppb
Antimony	121-1	1.94	2.17	2.38	2.16	10.09	ppb
Arsenic	75-2	0.59	0.67	0.67	0.65	7.40	ppb
Barium	135-1	0.08	0.07	0.04	0.07	29.94	ppb
Barium	137-1	0.08	0.09	0.08	0.08	5.61	ppb
Beryllium	9-1	0.08	0.09	0.05	0.07	27.68	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	8.86	7.32	7.33	7.84	11.31	ppb
Boron	11-1	8.36	7.90	7.44	7.90	5.85	ppb
Cadmium	106-1	-1.05	0.15	-0.54	-0.48		ppb
Cadmium	108-1	-0.04	0.04	0.01	0.01	692.10	ppb
Cadmium	111-1	-0.04	0.04	-0.01	0.00		ppb
Calcium	43-1	-3.22	-1.08	12.61	2.77	309.61	ppb
Calcium	44-1	3.82	4.77	4.93	4.51	13.32	ppb
Chromium	52-2	0.04	0.02	0.05	0.04	35.50	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	80.11	ppb
Copper	63-2	0.13	0.14	0.12	0.13	7.74	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				112		%
Holmium	165-1				111		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	2.04	2.11	2.10	2.08	1.80	ppb
Iron	57-2	1.40	1.49	1.21	1.37	10.26	ppb
Lead	206-1	0.05	0.07	0.04	0.05	29.22	ppb
Lead	207-1	0.07	0.06	0.06	0.06	9.45	ppb
Lead	208-1	0.06	0.06	0.05	0.06	7.63	ppb
Lithium	6-1				88		%
Magnesium	24-2	0.95	0.97	1.13	1.02	9.46	ppb
Manganese	55-2	0.02	0.02	0.04	0.03	29.54	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:53:13	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.39	0.48	0.40	19.77	ppb
Molybdenum	95-1	0.98	1.17	1.42	1.19	18.65	ppb
Molybdenum	96-1	0.80	1.08	1.23	1.03	21.08	ppb
Molybdenum	97-1	0.85	1.18	1.50	1.18	27.42	ppb
Molybdenum	98-1	0.92	1.15	1.41	1.16	21.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00	1423.89	ppb
Phosphorus	31-2	-12.76	-14.76	-18.32	-15.28		ppb
Potassium	39-2	4.92	1.08	3.03	3.01	63.76	ppb
Rhodium	103-2				104		%
Rhodium	103-1				106		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	0.07	1.61	0.59	0.76	103.14	ppb
Selenium	78-2	0.27	1.37	1.66	1.10	66.74	ppb
Selenium	82-1	-0.23	-0.70	0.84	-0.03		ppb
Silicon	28-1	-22.28	-18.99	-19.45	-20.24		ppb
Silver	109-1	0.03	0.04	0.03	0.04	11.32	ppb
Silver	107-1	0.04	0.04	0.03	0.04	7.13	ppb
Sodium	23-2	21.23	21.29	24.16	22.23	7.53	ppb
Strontium	86-1	0.00	0.03	0.09	0.04	114.17	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	33.05	ppb
Sulfur	34-1	-3061.28	-2723.22	-2587.67	-2790.72		ppb
Terbium	159-1				111		%
Terbium	159-2				114		%
Thallium	203-1	0.13	0.11	0.10	0.11	11.80	ppb
Thallium	205-1	0.13	0.11	0.11	0.12	11.17	ppb
Tin	118-1	0.32	0.42	0.46	0.40	18.73	ppb
Titanium	47-1	-0.01	0.13	0.06	0.06	114.08	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	5.03	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	39.79	ppb
Yttrium	89-2				106		%
Yttrium	89-1				107		%
Zinc	66-2	0.11	0.19	0.18	0.16	27.42	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	21.19	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:53:13	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.07	0.04	0.06	24.81	ppb

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:43:55	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	50	39	32.73	cps
Antimony	121-1	2125	2225	2600	2317	10.81	cps
Arsenic	75-2	11	11	17	13	24.76	cps
Barium	135-1	42	50	42	44	10.82	cps
Barium	137-1	58	8	67	44	70.99	cps
Beryllium	9-1	11	17	28	19	45.83	cps
Bismuth	209-1	6634969	6817926	6781770	6744888	1.44	cps
Bismuth	209-2	4853039	4878564	4872226	4867943	0.27	cps
Boron	10-1	92	75	83	83	10.00	cps
Boron	11-1	508	408	567	494	16.20	cps
Cadmium	106-1	5068	5743	5343	5385	6.31	cps
Cadmium	108-1	33	13	25	24	44.41	cps
Cadmium	111-1	3537	4016	3727	3760	6.41	cps
Calcium	43-1	1092	1050	967	1036	6.14	cps
Calcium	44-1	28754	29013	28345	28704	1.17	cps
Chromium	52-2	1503	1410	1600	1505	6.32	cps
Cobalt	59-2	90	120	80	97	21.53	cps
Copper	63-2	553	727	647	642	13.51	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Erbium	164-1	67	8	50	42	72.12	cps
Erbium	164-2	10	30	20	20	50.00	cps
Gadolinium	160-2	53	27	53	44	34.63	cps
Gadolinium	160-1	75	125	92	97	26.19	cps
Holmium	165-2	6364029	6392279	6300105	6352138	0.74	cps
Holmium	165-1	10574756	10808259	10800733	10727916	1.24	cps
Indium	115-1	10105359	10060053	9896050	10020487	1.10	cps
Indium	115-2	2452561	2455375	2457073	2455003	0.09	cps
Iron	56-2	7096	7369	7302	7256	1.96	cps
Iron	57-2	189	167	183	180	6.44	cps
Lead	206-1	867	1072	972	970	10.59	cps
Lead	207-1	850	945	883	893	5.37	cps
Lead	208-1	3861	3923	3939	3908	1.05	cps
Lithium	6-1	737519	742039	729744	736434	0.84	cps
Magnesium	24-2	142	150	100	131	20.52	cps
Manganese	55-2	33	70	60	54	34.82	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:43:55	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	442	550	447	22.39	cps
Molybdenum	95-1	125	233	233	197	31.71	cps
Molybdenum	96-1	225	333	358	306	23.20	cps
Molybdenum	97-1	125	208	150	161	26.54	cps
Molybdenum	98-1	208	417	392	339	33.57	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	53	87	97	79	28.77	cps
Phosphorus	31-2	433	408	333	392	13.29	cps
Potassium	39-2	74043	74747	73600	74130	0.78	cps
Rhodium	103-2	4991252	4965777	5011420	4989483	0.46	cps
Rhodium	103-1	9497464	9568396	9431135	9498998	0.72	cps
Scandium	45-1	5996681	6091338	6042320	6043446	0.78	cps
Scandium	45-2	367942	367100	366185	367076	0.24	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	243	244	200	229	10.98	cps
Selenium	82-1	-88	27	1	-20	-301.90	cps
Silicon	28-1	1039026	1052008	1047990	1046341	0.64	cps
Silver	109-1	75	92	42	69	36.66	cps
Silver	107-1	67	117	75	86	31.11	cps
Sodium	23-2	26499	26441	25907	26282	1.24	cps
Strontium	86-1	5143	4584	4993	4907	5.89	cps
Strontium	88-1	250	225	392	289	31.11	cps
Sulfur	34-1	746003	753989	749439	749810	0.53	cps
Terbium	159-1	11024193	11270750	11133643	11142862	1.11	cps
Terbium	159-2	6242701	6270183	6200195	6237693	0.57	cps
Thallium	203-1	125	75	108	103	24.77	cps
Thallium	205-1	267	325	242	278	15.40	cps
Tin	118-1	800	950	1050	933	13.48	cps
Titanium	47-1	267	108	142	172	48.47	cps
Uranium	238-1	117	92	75	94	22.21	cps
Vanadium	51-2	20	13	13	16	24.76	cps
Yttrium	89-2	1896916	1892769	1902709	1897465	0.26	cps
Yttrium	89-1	10541035	10723184	10460404	10574874	1.27	cps
Zinc	66-2	63	70	120	84	36.67	cps
Zirconium	90-1	942	1025	1250	1072	14.88	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:43:55	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	150	142	178	31.21	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:52:21	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3034	3292	3075	3134	4.43	cps
Antimony	121-1	29398	28463	29824	29229	2.38	cps
Arsenic	75-2	633	663	674	657	3.21	cps
Barium	135-1	33399	31871	32907	32726	2.38	cps
Barium	137-1	55830	55553	56089	55824	0.48	cps
Beryllium	9-1	1578	1689	1745	1671	5.08	cps
Bismuth	209-1	7053496	7016507	6964793	7011599	0.64	cps
Bismuth	209-2	4947333	4919823	4900656	4922604	0.48	cps
Boron	10-1	6502	6627	6919	6682	3.20	cps
Boron	11-1	33354	33655	35117	34042	2.77	cps
Cadmium	106-1	6085	6218	6135	6146	1.10	cps
Cadmium	108-1	296	258	258	271	7.99	cps
Cadmium	111-1	7482	7785	7664	7644	2.00	cps
Calcium	43-1	20131	20398	20557	20362	1.06	cps
Calcium	44-1	338899	338651	338073	338541	0.13	cps
Chromium	52-2	12139	12299	11748	12062	2.35	cps
Cobalt	59-2	8573	8469	8473	8505	0.69	cps
Copper	63-2	13296	12756	13426	13159	2.70	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Erbium	164-1	108	75	42	75	44.44	cps
Erbium	164-2	30	40	30	33	17.32	cps
Gadolinium	160-2	50	43	40	44	11.46	cps
Gadolinium	160-1	58	125	100	94	35.66	cps
Holmium	165-2	6486150	6484899	6432462	6467837	0.47	cps
Holmium	165-1	11251503	11015956	10990329	11085929	1.30	cps
Indium	115-1	10150496	10242884	10146566	10179982	0.54	cps
Indium	115-2	2437086	2434417	2428895	2433466	0.17	cps
Iron	56-2	222659	221636	222370	222221	0.24	cps
Iron	57-2	5134	5568	5568	5423	4.61	cps
Lead	206-1	10593	10293	10555	10480	1.56	cps
Lead	207-1	9376	9487	9832	9565	2.49	cps
Lead	208-1	42745	42956	42288	42663	0.80	cps
Lithium	6-1	726799	732785	735011	731532	0.58	cps
Magnesium	24-2	174816	172515	173988	173773	0.67	cps
Manganese	55-2	3090	3107	3034	3077	1.25	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:52:21	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26325	25983	26701	26336	1.36	cps
Molybdenum	95-1	33048	32388	32680	32705	1.01	cps
Molybdenum	96-1	36656	36314	36790	36587	0.67	cps
Molybdenum	97-1	21183	20691	20382	20752	1.95	cps
Molybdenum	98-1	53920	53543	53025	53496	0.84	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	2357	2220	2427	2335	4.50	cps
Phosphorus	31-2	617	483	492	531	14.08	cps
Potassium	39-2	273340	277481	276549	275790	0.79	cps
Rhodium	103-2	4969845	4937948	4920246	4942680	0.51	cps
Rhodium	103-1	9574444	9542874	9556847	9558055	0.17	cps
Scandium	45-1	6115185	6087978	6092349	6098504	0.24	cps
Scandium	45-2	361277	360619	359842	360579	0.20	cps
Selenium	77-2	67	57	60	61	8.33	cps
Selenium	78-2	483	452	385	440	11.39	cps
Selenium	82-1	739	924	1185	949	23.60	cps
Silicon	28-1	1088642	1085270	1089458	1087790	0.20	cps
Silver	109-1	12298	12748	11897	12314	3.46	cps
Silver	107-1	12414	13015	12998	12809	2.67	cps
Sodium	23-2	360866	359236	356783	358962	0.57	cps
Strontium	86-1	9078	9687	9312	9359	3.28	cps
Strontium	88-1	39514	41294	40190	40333	2.23	cps
Sulfur	34-1	764224	753526	760061	759270	0.71	cps
Terbium	159-1	11552799	11561982	11545097	11553293	0.07	cps
Terbium	159-2	6338869	6351211	6287203	6325761	0.54	cps
Thallium	203-1	12006	11022	11005	11344	5.05	cps
Thallium	205-1	28089	27855	27838	27928	0.50	cps
Tin	118-1	59736	58163	58481	58793	1.41	cps
Titanium	47-1	9287	9612	9262	9387	2.08	cps
Uranium	238-1	38851	37430	38525	38268	1.95	cps
Vanadium	51-2	21656	20842	21392	21297	1.95	cps
Yttrium	89-2	1884217	1878730	1875632	1879526	0.23	cps
Yttrium	89-1	10557993	10607079	10644313	10603128	0.41	cps
Zinc	66-2	1820	1897	1860	1859	2.06	cps
Zirconium	90-1	21317	20240	20741	20766	2.59	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:52:21	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4659	4659	4559	4626	1.25	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:56:11	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140152	141866	140385	140801	0.66	cps
Antimony	121-1	548474	542662	527504	539546	2.01	cps
Arsenic	75-2	31369	31668	31434	31490	0.50	cps
Barium	135-1	802771	799279	797245	799765	0.35	cps
Barium	137-1	1372147	1370875	1376310	1373111	0.21	cps
Beryllium	9-1	84674	85507	85110	85097	0.49	cps
Bismuth	209-1	7020772	6980277	7009389	7003479	0.30	cps
Bismuth	209-2	4949856	4920565	4890387	4920269	0.60	cps
Boron	10-1	11897	11513	11680	11697	1.64	cps
Boron	11-1	61886	60756	61075	61239	0.95	cps
Cadmium	106-1	24806	24864	24572	24747	0.62	cps
Cadmium	108-1	12860	13373	12510	12914	3.36	cps
Cadmium	111-1	179810	179936	179348	179698	0.17	cps
Calcium	43-1	192900	194598	189152	192217	1.45	cps
Calcium	44-1	3129393	3128675	3133209	3130425	0.08	cps
Chromium	52-2	261326	260061	257056	259481	0.85	cps
Cobalt	59-2	418674	422686	417490	419617	0.65	cps
Copper	63-2	602938	600631	596935	600168	0.50	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Erbium	164-1	33	8	17	19	65.48	cps
Erbium	164-2	7	27	17	17	59.99	cps
Gadolinium	160-2	47	27	43	39	27.55	cps
Gadolinium	160-1	83	117	50	83	40.00	cps
Holmium	165-2	6517679	6503163	6496989	6505943	0.16	cps
Holmium	165-1	11143500	11166804	10997330	11102545	0.83	cps
Indium	115-1	10165586	10153848	10194907	10171447	0.21	cps
Indium	115-2	2450603	2443099	2451426	2448376	0.19	cps
Iron	56-2	10718134	10702670	10589322	10670042	0.66	cps
Iron	57-2	265560	264498	260240	263433	1.07	cps
Lead	206-1	453152	449612	456113	452959	0.72	cps
Lead	207-1	424478	421976	424181	423545	0.32	cps
Lead	208-1	1882925	1871747	1890322	1881665	0.50	cps
Lithium	6-1	722949	730681	731409	728346	0.64	cps
Magnesium	24-2	1726981	1720228	1715806	1721005	0.33	cps
Manganese	55-2	295146	293578	293479	294067	0.32	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:56:11	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	610655	615443	619736	615278	0.74	cps
Molybdenum	95-1	329124	327221	327565	327970	0.31	cps
Molybdenum	96-1	427231	423772	425934	425646	0.41	cps
Molybdenum	97-1	206565	203429	202148	204047	1.11	cps
Molybdenum	98-1	531525	529426	528590	529847	0.29	cps
Neodymium	150-1	20	33	40	31	32.73	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	109985	110993	111174	110717	0.58	cps
Phosphorus	31-2	8820	9979	9003	9267	6.72	cps
Potassium	39-2	1089357	1089240	1085596	1088064	0.20	cps
Rhodium	103-2	4973309	4946935	4945489	4955244	0.32	cps
Rhodium	103-1	9525143	9490446	9637738	9551109	0.81	cps
Scandium	45-1	6107847	6088687	6068886	6088473	0.32	cps
Scandium	45-2	361263	365330	359933	362175	0.78	cps
Selenium	77-2	610	677	540	609	11.22	cps
Selenium	78-2	2326	2282	2321	2309	1.05	cps
Selenium	82-1	9816	10126	10135	10026	1.81	cps
Silicon	28-1	1468358	1472894	1466810	1469354	0.22	cps
Silver	109-1	833801	842819	838135	838251	0.54	cps
Silver	107-1	869077	876788	873098	872988	0.44	cps
Sodium	23-2	3322492	3301590	3286408	3303496	0.55	cps
Strontium	86-1	229243	229430	229547	229407	0.07	cps
Strontium	88-1	1954713	1955296	1942338	1950782	0.38	cps
Sulfur	34-1	816337	810559	815217	814038	0.38	cps
Terbium	159-1	11569563	11530099	11467454	11522372	0.45	cps
Terbium	159-2	6478842	6471753	6399151	6449915	0.68	cps
Thallium	203-1	564838	562910	565182	564310	0.22	cps
Thallium	205-1	1342088	1345585	1356634	1348102	0.56	cps
Tin	118-1	563578	565608	560849	563345	0.42	cps
Titanium	47-1	95223	94921	95215	95120	0.18	cps
Uranium	238-1	1807917	1801822	1815841	1808527	0.39	cps
Vanadium	51-2	216344	216206	214347	215632	0.52	cps
Yttrium	89-2	1887002	1893888	1882846	1887912	0.30	cps
Yttrium	89-1	10613734	10566787	10654393	10611638	0.41	cps
Zinc	66-2	82629	84043	83346	83339	0.85	cps
Zirconium	90-1	1186384	1175512	1185797	1182565	0.52	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 14:56:11	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	261828	262660	262982	262490	0.23	cps

LB Number : LB86309 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-10 15:00:17 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	351282	358091	353326	354233	0.99	cps
Antimony	121-1	1576977	1557474	1550084	1561511	0.89	cps
Arsenic	75-2	79888	80674	80003	80188	0.53	cps
Barium	135-1	2019419	2017593	2018941	2018651	0.05	cps
Barium	137-1	3482764	3479427	3474749	3478980	0.12	cps
Beryllium	9-1	206531	208527	205403	206820	0.76	cps
Bismuth	209-1	6924190	7040398	6991145	6985244	0.84	cps
Bismuth	209-2	4826596	5012938	5001158	4946898	2.11	cps
Boron	10-1	28879	29087	29521	29162	1.12	cps
Boron	11-1	151670	152815	151722	152069	0.43	cps
Cadmium	106-1	54146	54564	54163	54291	0.44	cps
Cadmium	108-1	32062	32951	31669	32227	2.04	cps
Cadmium	111-1	443366	448031	447976	446458	0.60	cps
Calcium	43-1	482244	478921	481851	481005	0.38	cps
Calcium	44-1	7747438	7766972	7648783	7721065	0.82	cps
Chromium	52-2	636692	650551	652091	646445	1.31	cps
Cobalt	59-2	1037602	1053753	1055442	1048932	0.94	cps
Copper	63-2	1475288	1510433	1493424	1493048	1.18	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	13	17	30	20	44.10	cps
Gadolinium	160-2	53	37	47	46	18.41	cps
Gadolinium	160-1	133	75	108	106	27.73	cps
Holmium	165-2	6497496	6705945	6698022	6633821	1.78	cps
Holmium	165-1	11334179	11294248	11434734	11354387	0.64	cps
Indium	115-1	10117349	10226805	10206184	10183446	0.57	cps
Indium	115-2	2402673	2474242	2466767	2447894	1.61	cps
Iron	56-2	26556137	26923409	27136687	26872077	1.09	cps
Iron	57-2	652832	667229	671250	663770	1.46	cps
Lead	206-1	1149002	1150548	1139689	1146413	0.51	cps
Lead	207-1	1063628	1069560	1065188	1066125	0.29	cps
Lead	208-1	4722730	4735441	4712265	4723479	0.25	cps
Lithium	6-1	722978	718165	716583	719242	0.46	cps
Magnesium	24-2	4219437	4266566	4252403	4246136	0.57	cps
Manganese	55-2	727421	747933	741287	738880	1.42	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:00:17	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1549180	1560241	1572885	1560769	0.76	cps
Molybdenum	95-1	834458	832481	833084	833341	0.12	cps
Molybdenum	96-1	1078258	1072571	1079080	1076636	0.33	cps
Molybdenum	97-1	526167	521794	521533	523164	0.50	cps
Molybdenum	98-1	1349001	1342426	1332740	1341389	0.61	cps
Neodymium	150-1	140	60	87	96	42.63	cps
Neodymium	150-2	20	20	10	17	34.64	cps
Nickel	60-2	273735	280756	278548	277680	1.29	cps
Phosphorus	31-2	22134	22368	23227	22576	2.55	cps
Potassium	39-2	2575562	2640943	2623059	2613188	1.29	cps
Rhodium	103-2	4851113	4971218	4971262	4931197	1.41	cps
Rhodium	103-1	9519963	9572297	9517754	9536671	0.32	cps
Scandium	45-1	6160767	6097105	6097847	6118573	0.60	cps
Scandium	45-2	356430	368115	363901	362815	1.63	cps
Selenium	77-2	1473	1503	1493	1490	1.03	cps
Selenium	78-2	5153	5696	5410	5420	5.01	cps
Selenium	82-1	25409	25906	25918	25744	1.13	cps
Silicon	28-1	2118566	2100013	2103676	2107418	0.47	cps
Silver	109-1	2105216	2100474	2101728	2102473	0.12	cps
Silver	107-1	2183041	2174155	2182759	2179985	0.23	cps
Sodium	23-2	7964479	8202681	8106428	8091196	1.48	cps
Strontium	86-1	570429	568896	570231	569852	0.15	cps
Strontium	88-1	4891640	4892781	4921289	4901903	0.34	cps
Sulfur	34-1	921727	922272	917369	920456	0.29	cps
Terbium	159-1	11673252	11714515	11704377	11697382	0.18	cps
Terbium	159-2	6382155	6603623	6567643	6517807	1.82	cps
Thallium	203-1	1425554	1446491	1440593	1437546	0.75	cps
Thallium	205-1	3415910	3411313	3401713	3409645	0.21	cps
Tin	118-1	1428220	1422081	1414943	1421748	0.47	cps
Titanium	47-1	237720	236948	237576	237415	0.17	cps
Uranium	238-1	4540721	4529014	4590831	4553522	0.72	cps
Vanadium	51-2	536107	546712	540674	541164	0.98	cps
Yttrium	89-2	1867692	1914604	1907597	1896631	1.33	cps
Yttrium	89-1	10708992	10611432	10675782	10665402	0.47	cps
Zinc	66-2	206085	209553	207146	207595	0.86	cps
Zirconium	90-1	3018675	3017588	3022866	3019710	0.09	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:00:17	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	661870	661467	674241	665859	1.09	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:04:01	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683201	689079	686300	686193	0.43	cps
Antimony	121-1	3375111	3362184	3321501	3352932	0.83	cps
Arsenic	75-2	156423	158155	157814	157464	0.58	cps
Barium	135-1	4086763	4134119	4075829	4098904	0.76	cps
Barium	137-1	7040768	7145982	7106612	7097787	0.75	cps
Beryllium	9-1	412367	417582	411806	413919	0.77	cps
Bismuth	209-1	7157947	7214114	7286332	7219465	0.89	cps
Bismuth	209-2	4939644	5032480	5042037	5004720	1.13	cps
Boron	10-1	58154	59141	58664	58653	0.84	cps
Boron	11-1	302391	306184	304951	304509	0.64	cps
Cadmium	106-1	103845	103998	103461	103768	0.27	cps
Cadmium	108-1	65379	65388	65078	65282	0.27	cps
Cadmium	111-1	894928	892436	900344	895903	0.45	cps
Calcium	43-1	962082	972527	960205	964938	0.69	cps
Calcium	44-1	15714843	15450062	15408800	15524568	1.07	cps
Chromium	52-2	1263704	1264793	1276557	1268352	0.56	cps
Cobalt	59-2	2035545	2059575	2033992	2043037	0.70	cps
Copper	63-2	2893448	2925508	2955808	2924921	1.07	cps
Dysprosium	156-2	20	23	23	22	8.65	cps
Dysprosium	156-1	92	67	83	81	15.80	cps
Erbium	164-1	83	50	25	53	55.46	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-2	70	57	50	59	17.29	cps
Gadolinium	160-1	192	242	142	192	26.09	cps
Holmium	165-1	11581596	11575566	11695483	11617548	0.58	cps
Holmium	165-2	6645365	6769385	6742916	6719222	0.97	cps
Indium	115-2	2407998	2434848	2456618	2433155	1.00	cps
Indium	115-1	10301157	10170722	10327409	10266429	0.82	cps
Iron	56-2	53041187	52907248	53110546	53019660	0.19	cps
Iron	57-2	1300267	1301568	1299977	1300604	0.07	cps
Lead	206-1	2325264	2368766	2368468	2354166	1.06	cps
Lead	207-1	2167048	2175465	2190541	2177685	0.55	cps
Lead	208-1	9614029	9695483	9761543	9690351	0.76	cps
Lithium	6-1	711918	712265	708684	710956	0.28	cps
Magnesium	24-2	8246413	8304061	8262258	8270910	0.36	cps
Manganese	55-2	1443745	1444266	1456493	1448168	0.50	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:04:01	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3180042	3184972	3147390	3170801	0.64	cps
Molybdenum	95-1	1707063	1707110	1678837	1697670	0.96	cps
Molybdenum	96-1	2204719	2198676	2186349	2196581	0.43	cps
Molybdenum	97-1	1064806	1059092	1051080	1058326	0.65	cps
Molybdenum	98-1	2724463	2737143	2724598	2728735	0.27	cps
Neodymium	150-1	260	253	273	262	3.88	cps
Neodymium	150-2	43	33	27	34	24.35	cps
Nickel	60-2	533841	538557	540592	537663	0.64	cps
Phosphorus	31-2	43272	43222	44225	43573	1.30	cps
Potassium	39-2	4982321	4967657	5000414	4983464	0.33	cps
Rhodium	103-2	4851029	4886896	4944230	4894052	0.96	cps
Rhodium	103-1	9512955	9495937	9615570	9541487	0.68	cps
Scandium	45-1	6168634	6147353	6158779	6158255	0.17	cps
Scandium	45-2	357031	361061	362317	360136	0.77	cps
Selenium	77-2	2960	3260	3080	3100	4.87	cps
Selenium	78-2	10597	10752	10648	10666	0.74	cps
Selenium	82-1	53232	52236	52262	52577	1.08	cps
Silicon	28-1	3177186	3189478	3165724	3177463	0.37	cps
Silver	109-1	4237907	4205204	4240408	4227840	0.46	cps
Silver	107-1	4367462	4401496	4374056	4381005	0.41	cps
Sodium	23-2	15697839	15863725	15709478	15757014	0.59	cps
Strontium	86-1	1155417	1150527	1144451	1150132	0.48	cps
Strontium	88-1	9852062	9928480	9944208	9908250	0.50	cps
Sulfur	34-1	1055154	1052841	1036074	1048023	0.99	cps
Terbium	159-1	12006032	11955696	11898865	11953531	0.45	cps
Terbium	159-2	6615056	6596024	6674296	6628459	0.62	cps
Thallium	203-1	2901368	2950052	2973141	2941520	1.25	cps
Thallium	205-1	6966856	6995109	7005350	6989105	0.29	cps
Tin	118-1	2888811	2875590	2871844	2878748	0.31	cps
Titanium	47-1	480762	473991	472812	475855	0.90	cps
Uranium	238-1	9244363	9375865	9476447	9365559	1.24	cps
Vanadium	51-2	1059425	1065724	1072484	1065878	0.61	cps
Yttrium	89-2	1864293	1889000	1906581	1886625	1.13	cps
Yttrium	89-1	10812125	10844794	10844890	10833936	0.17	cps
Zinc	66-2	401974	404899	407678	404850	0.70	cps
Zirconium	90-1	6139167	6114839	6099548	6117851	0.33	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:04:01	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1350659	1355724	1345861	1350748	0.37	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:07:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1363144	1342204	1350229	1351859	0.78	cps
Antimony	121-1	7137127	7122340	7055058	7104842	0.62	cps
Arsenic	75-2	317993	315307	314874	316058	0.53	cps
Barium	135-1	8374155	8238621	8303153	8305310	0.82	cps
Barium	137-1	14314621	14274591	14281697	14290303	0.15	cps
Beryllium	9-1	787204	786481	787210	786965	0.05	cps
Bismuth	209-1	7301848	7283075	7374536	7319820	0.66	cps
Bismuth	209-2	5118563	5094290	5065906	5092920	0.52	cps
Boron	10-1	112499	112448	113080	112676	0.31	cps
Boron	11-1	575917	580844	582038	579600	0.56	cps
Cadmium	106-1	199757	199545	201006	200102	0.39	cps
Cadmium	108-1	127694	127980	127505	127726	0.19	cps
Cadmium	111-1	1742569	1737406	1758497	1746157	0.63	cps
Calcium	43-1	1879753	1871701	1893042	1881498	0.57	cps
Calcium	44-1	30023540	30480438	30957161	30487047	1.53	cps
Chromium	52-2	2509760	2489363	2507505	2502209	0.45	cps
Cobalt	59-2	4060394	4027686	4052657	4046912	0.42	cps
Copper	63-2	5728431	5682315	5757625	5722790	0.66	cps
Dysprosium	156-2	30	47	43	40	22.05	cps
Dysprosium	156-1	150	175	100	142	26.96	cps
Erbium	164-1	58	83	75	72	17.62	cps
Erbium	164-2	30	37	40	36	14.32	cps
Gadolinium	160-2	60	80	53	64	21.54	cps
Gadolinium	160-1	133	150	108	131	16.06	cps
Holmium	165-2	6982318	6950425	6916780	6949841	0.47	cps
Holmium	165-1	11954613	11822167	11911935	11896238	0.57	cps
Indium	115-1	10244882	10148389	10220442	10204571	0.49	cps
Indium	115-2	2436404	2419913	2433909	2430075	0.37	cps
Iron	56-2	105434711	103922494	105019777	104792327	0.75	cps
Iron	57-2	2578589	2566526	2574453	2573189	0.24	cps
Lead	206-1	4699862	4810170	4795850	4768627	1.26	cps
Lead	207-1	4353423	4387051	4434207	4391560	0.92	cps
Lead	208-1	19414734	19654757	19743017	19604169	0.87	cps
Lithium	6-1	679873	681463	689138	683491	0.72	cps
Magnesium	24-2	16324671	16159609	16107180	16197153	0.70	cps
Manganese	55-2	2889740	2849360	2866047	2868382	0.71	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:07:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6335515	6326365	6358551	6340143	0.26	cps
Molybdenum	95-1	3358160	3326236	3367408	3350601	0.64	cps
Molybdenum	96-1	4312309	4312825	4349850	4324995	0.50	cps
Molybdenum	97-1	2087713	2088326	2111302	2095780	0.64	cps
Molybdenum	98-1	5529503	5401460	5421728	5450897	1.26	cps
Neodymium	150-1	373	393	567	444	23.92	cps
Neodymium	150-2	80	73	50	68	23.24	cps
Nickel	60-2	1063360	1058788	1072189	1064779	0.64	cps
Phosphorus	31-2	83928	84992	83131	84017	1.11	cps
Potassium	39-2	9884538	9732863	9905400	9840934	0.96	cps
Rhodium	103-2	4866788	4884651	4880445	4877295	0.19	cps
Rhodium	103-1	9417698	9423374	9583546	9474873	0.99	cps
Scandium	45-1	6058068	6074434	6069000	6067167	0.14	cps
Scandium	45-2	360479	358181	359432	359364	0.32	cps
Selenium	77-2	6318	6258	5941	6173	3.28	cps
Selenium	78-2	21221	20772	20923	20972	1.09	cps
Selenium	82-1	103456	103815	103803	103691	0.20	cps
Silicon	28-1	4103982	4102917	4103547	4103482	0.01	cps
Silver	109-1	8367278	8387058	8366283	8373540	0.14	cps
Silver	107-1	8722297	8651315	8819502	8731038	0.97	cps
Sodium	23-2	31253927	30845642	30483825	30861131	1.25	cps
Strontium	86-1	2271425	2269397	2273415	2271412	0.09	cps
Strontium	88-1	19575867	19742178	19593027	19637024	0.47	cps
Sulfur	34-1	1280846	1280181	1272469	1277832	0.36	cps
Terbium	159-1	12208397	12167946	12167309	12181217	0.19	cps
Terbium	159-2	6830849	6800278	6742654	6791261	0.66	cps
Thallium	203-1	5943823	5950362	6010546	5968244	0.62	cps
Thallium	205-1	14147264	14315129	14214087	14225494	0.59	cps
Tin	118-1	5681601	5684873	5729812	5698762	0.47	cps
Titanium	47-1	929085	934044	936364	933165	0.40	cps
Uranium	238-1	19211069	18962367	19442586	19205341	1.25	cps
Vanadium	51-2	2128419	2113218	2117038	2119558	0.37	cps
Yttrium	89-2	1920670	1900827	1901979	1907826	0.58	cps
Yttrium	89-1	10588940	10765681	10783181	10712601	1.00	cps
Zinc	66-2	804027	803139	801713	802960	0.15	cps
Zirconium	90-1	12089243	12042794	12086010	12072682	0.21	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:07:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2665554	2645895	2677206	2662885	0.59	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:11:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2711963	2693111	2684567	2696547	0.52	cps
Antimony	121-1	14920915	14710814	14803956	14811895	0.71	cps
Arsenic	75-2	649091	641934	643405	644810	0.59	cps
Barium	135-1	16843656	16642990	16885622	16790756	0.77	cps
Barium	137-1	28825904	28834700	29089091	28916565	0.52	cps
Beryllium	9-1	1523009	1517499	1507301	1515936	0.53	cps
Bismuth	209-1	7334026	7355401	7363219	7350882	0.21	cps
Bismuth	209-2	5137606	5157429	5066876	5120637	0.93	cps
Boron	10-1	216434	217878	219881	218064	0.79	cps
Boron	11-1	1122036	1126025	1134820	1127627	0.58	cps
Cadmium	106-1	385572	384522	390723	386939	0.86	cps
Cadmium	108-1	254172	255859	256250	255427	0.43	cps
Cadmium	111-1	3439603	3475206	3467710	3460840	0.54	cps
Calcium	43-1	3724653	3768980	3754718	3749450	0.60	cps
Calcium	44-1	61079987	61547208	60807231	61144808	0.61	cps
Chromium	52-2	5053800	5061265	5016026	5043697	0.48	cps
Cobalt	59-2	8229041	8165225	8037807	8144024	1.20	cps
Copper	63-2	11682806	11627039	11455796	11588547	1.02	cps
Dysprosium	156-2	43	83	40	56	43.40	cps
Dysprosium	156-1	258	233	383	292	27.55	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	37	23	33	31	22.31	cps
Gadolinium	160-2	63	80	73	72	11.62	cps
Gadolinium	160-1	125	125	108	119	8.06	cps
Holmium	165-2	7167075	7223044	7007554	7132558	1.57	cps
Holmium	165-1	12023075	12171444	12176559	12123693	0.72	cps
Indium	115-1	10215778	10166747	10111190	10164572	0.51	cps
Indium	115-2	2442827	2436576	2436147	2438517	0.15	cps
Iron	56-2	212629371	210646238	211885277	211720295	0.47	cps
Iron	57-2	5160537	5204494	5144729	5169920	0.60	cps
Lead	206-1	9872121	9977396	9982444	9943987	0.63	cps
Lead	207-1	8818379	8898985	8829598	8848987	0.49	cps
Lead	208-1	39852185	40077103	39945378	39958222	0.28	cps
Lithium	6-1	659448	658405	660471	659441	0.16	cps
Magnesium	24-2	32178033	32098981	31999364	32092126	0.28	cps
Manganese	55-2	5851970	5873191	5789764	5838308	0.74	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:11:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12947707	13018826	13000250	12988928	0.28	cps
Molybdenum	95-1	6884348	6993525	6888986	6922287	0.89	cps
Molybdenum	96-1	8845857	8899009	8867042	8870636	0.30	cps
Molybdenum	97-1	4236674	4231446	4225032	4231051	0.14	cps
Molybdenum	98-1	11201462	11291547	11259639	11250882	0.41	cps
Neodymium	150-1	913	907	887	902	1.54	cps
Neodymium	150-2	117	90	140	116	21.65	cps
Nickel	60-2	2118344	2103376	2103498	2108406	0.41	cps
Phosphorus	31-2	171905	170093	171458	171152	0.55	cps
Potassium	39-2	19927353	19702220	19925172	19851581	0.65	cps
Rhodium	103-2	4917856	4886649	4838582	4881029	0.82	cps
Rhodium	103-1	9350162	9448659	9365456	9388092	0.56	cps
Scandium	45-1	6098919	6136220	6130267	6121802	0.33	cps
Scandium	45-2	368711	366710	363275	366232	0.75	cps
Selenium	77-2	12569	12342	12776	12562	1.73	cps
Selenium	78-2	42960	42592	42198	42583	0.89	cps
Selenium	82-1	206773	209663	208677	208371	0.71	cps
Silicon	28-1	6863133	6940249	6901279	6901554	0.56	cps
Silver	109-1	16792210	16681771	16808404	16760795	0.41	cps
Silver	107-1	17325765	17461996	17540311	17442691	0.62	cps
Sodium	23-2	61548372	61557245	61026585	61377401	0.50	cps
Strontium	86-1	4526337	4550429	4534739	4537168	0.27	cps
Strontium	88-1	39796728	39976535	39765000	39846088	0.29	cps
Sulfur	34-1	1854838	1871008	1853244	1859696	0.53	cps
Terbium	159-1	12532959	12560760	12521396	12538372	0.16	cps
Terbium	159-2	7088225	7015530	6985105	7029620	0.75	cps
Thallium	203-1	12260675	12255771	12334313	12283586	0.36	cps
Thallium	205-1	29001090	28768742	28970717	28913517	0.44	cps
Tin	118-1	11817357	11819753	11866533	11834548	0.23	cps
Titanium	47-1	1854104	1863854	1854340	1857433	0.30	cps
Uranium	238-1	38150776	38860664	38924109	38645183	1.11	cps
Vanadium	51-2	4296063	4286594	4280528	4287728	0.18	cps
Yttrium	89-2	1962088	1950814	1924632	1945844	0.99	cps
Yttrium	89-1	10866589	11030967	10839289	10912282	0.95	cps
Zinc	66-2	1595940	1597395	1584359	1592564	0.45	cps
Zirconium	90-1	24494383	24688375	24819782	24667513	0.66	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:11:14	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5477942	5521785	5528862	5509529	0.50	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:14:44	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14205859	14104939	14275834	14195544	0.61	cps
Antimony	121-1	69623	74037	79609	74423	6.72	cps
Arsenic	75-2	930	969	963	954	2.21	cps
Barium	135-1	5110	5285	5935	5443	7.99	cps
Barium	137-1	8611	9045	8636	8764	2.78	cps
Beryllium	9-1	267	261	211	246	12.42	cps
Bismuth	209-1	6307705	6313524	6268035	6296421	0.39	cps
Bismuth	209-2	4634141	4624620	4646112	4634958	0.23	cps
Boron	10-1	4451	4142	3609	4067	10.47	cps
Boron	11-1	22442	20490	17928	20287	11.16	cps
Cadmium	106-1	6077	5785	5685	5849	3.48	cps
Cadmium	108-1	50	67	79	65	22.42	cps
Cadmium	111-1	4823	4615	4574	4671	2.86	cps
Calcium	43-1	19694527	19485883	19514184	19564865	0.58	cps
Calcium	44-1	315229707	310332157	308698549	311420138	1.09	cps
Chromium	52-2	125189	124164	124184	124512	0.47	cps
Cobalt	59-2	10697	10327	10177	10401	2.58	cps
Copper	63-2	19103	19280	19717	19366	1.63	cps
Dysprosium	156-2	97	93	103	98	5.21	cps
Dysprosium	156-1	250	150	217	206	24.77	cps
Erbium	164-1	50	108	92	83	36.06	cps
Erbium	164-2	43	30	43	39	19.79	cps
Gadolinium	160-2	127	133	130	130	2.57	cps
Gadolinium	160-1	292	192	258	247	20.59	cps
Holmium	165-2	6973781	7011271	6934809	6973287	0.55	cps
Holmium	165-1	11271189	11305224	11364887	11313767	0.42	cps
Indium	115-1	9889776	9749781	9825527	9821694	0.71	cps
Indium	115-2	2415173	2405454	2423566	2414731	0.38	cps
Iron	56-2	1102277247	1104194736	1115203225	1107225069	0.63	cps
Iron	57-2	27623197	27603065	27889454	27705239	0.58	cps
Lead	206-1	13752	13886	13891	13843	0.57	cps
Lead	207-1	12451	11683	11844	11993	3.37	cps
Lead	208-1	55045	54596	54695	54779	0.43	cps
Lithium	6-1	620081	613086	615285	616151	0.58	cps
Magnesium	24-2	164337304	163821258	165297045	164485202	0.46	cps
Manganese	55-2	18622	18148	18932	18567	2.13	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:14:44	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25173	27052	29649	27291	8.23	cps
Molybdenum	95-1	41403	43200	47647	44083	7.29	cps
Molybdenum	96-1	51110	54597	57667	54458	6.02	cps
Molybdenum	97-1	25992	28279	29231	27834	5.98	cps
Molybdenum	98-1	65191	69411	74847	69817	6.93	cps
Neodymium	150-1	207	147	220	191	20.44	cps
Neodymium	150-2	80	77	87	81	6.28	cps
Nickel	60-2	31320	31404	31617	31447	0.49	cps
Phosphorus	31-2	500	525	392	472	15.01	cps
Potassium	39-2	101215950	101475552	102221981	101637828	0.51	cps
Rhodium	103-2	4518498	4509881	4504765	4511048	0.15	cps
Rhodium	103-1	8742468	8737040	8654580	8711362	0.57	cps
Scandium	45-1	6076477	6028953	6004070	6036500	0.61	cps
Scandium	45-2	364066	364829	366080	364992	0.28	cps
Selenium	77-2	40	50	20	37	41.66	cps
Selenium	78-2	300	363	367	343	10.92	cps
Selenium	82-1	344	274	269	296	14.21	cps
Silicon	28-1	1174970	1173003	1169839	1172604	0.22	cps
Silver	109-1	1792	1850	1684	1775	4.76	cps
Silver	107-1	1892	1834	1925	1884	2.46	cps
Sodium	23-2	307835040	308050524	309950740	308612101	0.38	cps
Strontium	86-1	150471	147273	149412	149052	1.09	cps
Strontium	88-1	1257419	1244993	1242060	1248157	0.65	cps
Sulfur	34-1	646306	653471	646787	648855	0.62	cps
Terbium	159-1	11754933	11805478	11781374	11780595	0.21	cps
Terbium	159-2	6793679	6757671	6830968	6794106	0.54	cps
Thallium	203-1	5843	5160	4893	5299	9.25	cps
Thallium	205-1	13165	12390	11005	12187	8.98	cps
Tin	118-1	11455	13415	14341	13071	11.27	cps
Titanium	47-1	1158	1533	1283	1325	14.41	cps
Uranium	238-1	6912	4118	3626	4885	36.29	cps
Vanadium	51-2	1287	1407	1303	1332	4.88	cps
Yttrium	89-2	1931995	1919877	1932572	1928148	0.37	cps
Yttrium	89-1	10645010	10613676	10480390	10579692	0.83	cps
Zinc	66-2	6548	6422	6662	6544	1.84	cps
Zirconium	90-1	5676	5676	5560	5637	1.20	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:14:44	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1150	1125	1183	1153	2.54	cps

LB Number : LB86309 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-03-10 15:18:30 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73221	72811	72275	72769	0.65	cps
Antimony	121-1	2614105	2602519	2601642	2606089	0.27	cps
Arsenic	75-2	131622	131166	131310	131366	0.18	cps
Barium	135-1	334319	336585	335445	335450	0.34	cps
Barium	137-1	582106	573569	591700	582458	1.56	cps
Beryllium	9-1	152996	150601	154034	152544	1.15	cps
Bismuth	209-1	7388357	7343487	7454668	7395504	0.76	cps
Bismuth	209-2	5253582	5252883	5312138	5272867	0.65	cps
Boron	10-1	113657	115119	115790	114855	0.95	cps
Boron	11-1	591401	591841	596957	593400	0.52	cps
Cadmium	106-1	72470	74069	75160	73900	1.83	cps
Cadmium	108-1	37325	37396	37701	37474	0.53	cps
Cadmium	111-1	368510	372698	376176	372461	1.03	cps
Calcium	43-1	85748	86990	90024	87588	2.51	cps
Calcium	44-1	1374092	1373780	1396010	1381294	0.92	cps
Chromium	52-2	513210	507164	509935	510103	0.59	cps
Cobalt	59-2	852096	852735	854626	853152	0.15	cps
Copper	63-2	612204	609148	608652	610001	0.32	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Erbium	164-1	167	75	150	131	37.40	cps
Erbium	164-2	63	57	77	66	15.54	cps
Gadolinium	160-2	53	57	47	52	9.75	cps
Gadolinium	160-1	100	158	142	133	22.54	cps
Holmium	165-2	7158694	7086440	7154178	7133104	0.57	cps
Holmium	165-1	11850776	11728034	11951833	11843547	0.95	cps
Indium	115-1	10682804	10621569	10849770	10718047	1.10	cps
Indium	115-2	2615725	2586512	2582133	2594790	0.70	cps
Iron	56-2	4353767	4333657	4333074	4340166	0.27	cps
Iron	57-2	108873	108359	108649	108627	0.24	cps
Lead	206-1	1899832	1901874	1943831	1915179	1.30	cps
Lead	207-1	1668440	1680290	1695792	1681508	0.82	cps
Lead	208-1	7619498	7637975	7683959	7647144	0.43	cps
Lithium	6-1	690312	695352	694804	693489	0.40	cps
Magnesium	24-2	404699	404698	405989	405129	0.18	cps
Manganese	55-2	301909	302134	302944	302329	0.18	cps

LB Number : LB86309 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-03-10 15:18:30 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6220585	6275657	6359684	6285308	1.11	cps
Molybdenum	95-1	3245205	3269677	3320501	3278461	1.17	cps
Molybdenum	96-1	4223498	4218785	4293612	4245298	0.99	cps
Molybdenum	97-1	2039717	2039611	2081889	2053739	1.19	cps
Molybdenum	98-1	5252192	5233884	5287376	5257817	0.52	cps
Neodymium	150-1	33	7	33	24	62.97	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	226233	224382	226233	225616	0.47	cps
Phosphorus	31-2	408	433	492	444	9.62	cps
Potassium	39-2	912346	908568	908246	909720	0.25	cps
Rhodium	103-2	5229661	5179341	5183702	5197568	0.54	cps
Rhodium	103-1	10046084	10047064	10086148	10059765	0.23	cps
Scandium	45-1	6456340	6382706	6529228	6456091	1.13	cps
Scandium	45-2	388983	380195	383346	384175	1.16	cps
Selenium	77-2	2407	2537	2570	2505	3.45	cps
Selenium	78-2	8877	9227	8912	9005	2.14	cps
Selenium	82-1	42199	41761	43122	42361	1.64	cps
Silicon	28-1	4017758	4011403	4070013	4033058	0.80	cps
Silver	109-1	1678158	1676788	1706955	1687300	1.01	cps
Silver	107-1	1755548	1754887	1771987	1760808	0.55	cps
Sodium	23-2	1371610	1357748	1367569	1365642	0.52	cps
Strontium	86-1	2238182	2225314	2271351	2244949	1.06	cps
Strontium	88-1	19567545	19467614	20000926	19678695	1.44	cps
Sulfur	34-1	676638	676000	683055	678564	0.58	cps
Terbium	159-1	12307796	12422314	12502064	12410725	0.79	cps
Terbium	159-2	7048585	7007974	7045666	7034075	0.32	cps
Thallium	203-1	2369555	2336497	2395289	2367114	1.25	cps
Thallium	205-1	5601734	5535088	5669435	5602086	1.20	cps
Tin	118-1	5548993	5546826	5590280	5562033	0.44	cps
Titanium	47-1	913860	907782	918331	913324	0.58	cps
Uranium	238-1	17191281	17245250	17222250	17219594	0.16	cps
Vanadium	51-2	435464	430115	431756	432445	0.63	cps
Yttrium	89-2	2032151	2025163	2038280	2031864	0.32	cps
Yttrium	89-1	11233605	11364240	11469589	11355811	1.04	cps
Zinc	66-2	171874	169069	170597	170513	0.82	cps
Zirconium	90-1	12076426	12057923	12170235	12101528	0.50	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:18:30	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2592363	2614578	2649843	2618928	1.11	cps

LB Number : LB86309 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-03-10 15:22:00 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	192	217	208	6.93	cps
Antimony	121-1	22285	25741	27278	25101	10.19	cps
Arsenic	75-2	348	369	420	379	9.82	cps
Barium	135-1	208	167	167	181	13.32	cps
Barium	137-1	300	250	242	264	11.96	cps
Beryllium	9-1	100	122	83	102	19.16	cps
Bismuth	209-1	7439965	7200414	7111353	7250577	2.34	cps
Bismuth	209-2	5166499	5185490	5230791	5194260	0.64	cps
Boron	10-1	1675	1483	1375	1511	10.05	cps
Boron	11-1	8695	7577	8253	8175	6.88	cps
Cadmium	106-1	5476	5993	5360	5610	6.01	cps
Cadmium	108-1	17	38	8	21	72.12	cps
Cadmium	111-1	3880	4269	3800	3983	6.30	cps
Calcium	43-1	1017	1100	1092	1070	4.29	cps
Calcium	44-1	34157	34424	35469	34683	2.00	cps
Chromium	52-2	1720	1573	1723	1672	5.12	cps
Cobalt	59-2	147	133	117	132	11.37	cps
Copper	63-2	937	950	867	918	4.88	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Erbium	164-1	25	25	58	36	53.30	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-2	57	60	27	48	38.42	cps
Gadolinium	160-1	50	142	133	108	46.79	cps
Holmium	165-2	7299382	7168781	7199114	7222426	0.95	cps
Holmium	165-1	12111235	11636033	11862478	11869915	2.00	cps
Indium	115-1	10895651	10781549	10707048	10794749	0.88	cps
Indium	115-2	2628924	2645962	2629701	2634862	0.37	cps
Iron	56-2	24037	24560	25478	24692	2.95	cps
Iron	57-2	572	578	639	596	6.20	cps
Lead	206-1	2884	2823	2623	2776	4.92	cps
Lead	207-1	2334	2428	2273	2345	3.34	cps
Lead	208-1	11425	10963	10246	10878	5.46	cps
Lithium	6-1	693447	678020	678413	683293	1.29	cps
Magnesium	24-2	1834	1483	1575	1631	11.13	cps
Manganese	55-2	97	107	113	106	7.95	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:22:00	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4701	5401	6343	5482	15.03	cps
Molybdenum	95-1	6577	8111	10813	8500	25.23	cps
Molybdenum	96-1	7444	9412	11213	9356	20.15	cps
Molybdenum	97-1	4318	5343	6210	5290	17.91	cps
Molybdenum	98-1	10571	13307	16360	13413	21.59	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	103	90	99	7.79	cps
Phosphorus	31-2	342	308	408	353	14.43	cps
Potassium	39-2	79388	81155	80477	80340	1.11	cps
Rhodium	103-2	5176933	5206065	5205652	5196216	0.32	cps
Rhodium	103-1	10301987	10031966	10054165	10129373	1.48	cps
Scandium	45-1	6500348	6396243	6453024	6449871	0.81	cps
Scandium	45-2	385126	387905	386374	386468	0.36	cps
Selenium	77-2	17	3	0	7	132.33	cps
Selenium	78-2	287	289	272	283	3.23	cps
Selenium	82-1	-104	-222	-236	-187	-38.87	cps
Silicon	28-1	992064	993831	986996	990964	0.36	cps
Silver	109-1	308	425	458	397	19.83	cps
Silver	107-1	400	417	475	431	9.15	cps
Sodium	23-2	60657	58942	59661	59753	1.44	cps
Strontium	86-1	5001	5193	4926	5040	2.73	cps
Strontium	88-1	1083	892	717	897	20.44	cps
Sulfur	34-1	666535	666854	682781	672057	1.38	cps
Terbium	159-1	12500506	12149876	12069742	12240042	1.87	cps
Terbium	159-2	7161499	7111731	7106165	7126465	0.43	cps
Thallium	203-1	1892	1650	1442	1661	13.56	cps
Thallium	205-1	4109	3867	3959	3979	3.07	cps
Tin	118-1	5293	5935	7677	6302	19.58	cps
Titanium	47-1	242	333	325	300	16.90	cps
Uranium	238-1	1308	1333	1225	1289	4.40	cps
Vanadium	51-2	93	97	60	83	24.33	cps
Yttrium	89-2	2046605	2037380	2036365	2040117	0.28	cps
Yttrium	89-1	11457970	11294598	11282554	11345041	0.86	cps
Zinc	66-2	170	183	183	179	4.31	cps
Zirconium	90-1	2134	2059	2509	2234	10.80	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:22:00	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	542	492	492	10.17	cps

LB Number : LB86309 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-03-10 15:25:31 DataFile Name : 013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13151033	13072104	13122656	13115264	0.30	cps
Antimony	121-1	27720	28388	29849	28653	3.80	cps
Arsenic	75-2	354	372	369	365	2.69	cps
Barium	135-1	4934	5218	4734	4962	4.90	cps
Barium	137-1	8845	8812	8094	8584	4.94	cps
Beryllium	9-1	472	528	567	522	9.09	cps
Bismuth	209-1	6753653	6968830	6801144	6841209	1.65	cps
Bismuth	209-2	4947998	4967669	4953526	4956398	0.20	cps
Boron	10-1	1375	1533	1375	1428	6.40	cps
Boron	11-1	7769	7119	7827	7572	5.20	cps
Cadmium	106-1	5726	5835	5651	5738	1.61	cps
Cadmium	108-1	2996	3050	3063	3037	1.17	cps
Cadmium	111-1	5866	5570	5546	5661	3.15	cps
Calcium	43-1	3735525	3771732	3750200	3752486	0.49	cps
Calcium	44-1	62019139	62448768	61654226	62040711	0.64	cps
Chromium	52-2	99973	99791	101315	100360	0.83	cps
Cobalt	59-2	9680	9467	9763	9637	1.59	cps
Copper	63-2	47627	47728	48494	47950	0.99	cps
Dysprosium	156-2	57	37	37	43	26.64	cps
Dysprosium	156-1	50	50	42	47	10.18	cps
Erbium	164-1	83	92	75	83	10.00	cps
Erbium	164-2	43	47	33	41	16.89	cps
Gadolinium	160-2	73	70	97	80	18.17	cps
Gadolinium	160-1	175	175	150	167	8.66	cps
Holmium	165-2	7055891	7200117	7185262	7147090	1.11	cps
Holmium	165-1	11786803	11912504	11849994	11849767	0.53	cps
Indium	115-1	10448764	10417724	10427551	10431346	0.15	cps
Indium	115-2	2486622	2509251	2521799	2505890	0.71	cps
Iron	56-2	413731765	419295243	420059365	417695457	0.83	cps
Iron	57-2	10353205	10460577	10474253	10429345	0.64	cps
Lead	206-1	44726	45322	44787	44945	0.73	cps
Lead	207-1	34829	35147	34997	34991	0.45	cps
Lead	208-1	166869	167475	167863	167402	0.30	cps
Lithium	6-1	654247	654018	656622	654962	0.22	cps
Magnesium	24-2	31338406	31070642	31281969	31230339	0.45	cps
Manganese	55-2	22654	22160	22941	22585	1.75	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:25:31	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7846255	7751076	7714449	7770593	0.88	cps
Molybdenum	95-1	13624012	13627403	13517570	13589662	0.46	cps
Molybdenum	96-1	14442082	14414677	14401684	14419481	0.14	cps
Molybdenum	97-1	8709858	8650948	8670002	8676936	0.35	cps
Molybdenum	98-1	22322522	22305965	22246455	22291647	0.18	cps
Neodymium	150-1	93	80	33	69	45.74	cps
Neodymium	150-2	30	40	27	32	21.53	cps
Nickel	60-2	11615	11531	11651	11599	0.53	cps
Phosphorus	31-2	836400	835335	841345	837693	0.38	cps
Potassium	39-2	39543780	39437579	39442461	39474607	0.15	cps
Rhodium	103-2	4820658	4837111	4850985	4836252	0.31	cps
Rhodium	103-1	9436203	9485028	9512594	9477942	0.41	cps
Scandium	45-1	6251558	6306180	6289749	6282496	0.45	cps
Scandium	45-2	366224	369931	368087	368081	0.50	cps
Selenium	77-2	7	13	3	8	65.47	cps
Selenium	78-2	269	272	285	275	3.18	cps
Selenium	82-1	29	0	70	33	106.56	cps
Silicon	28-1	1175619	1146055	1148625	1156766	1.42	cps
Silver	109-1	2667	2809	3034	2837	6.52	cps
Silver	107-1	2825	2942	3342	3037	8.93	cps
Sodium	23-2	61122653	61113618	60740416	60992229	0.36	cps
Strontium	86-1	158472	159114	158062	158550	0.33	cps
Strontium	88-1	1330483	1330903	1345790	1335725	0.65	cps
Sulfur	34-1	5185573	5204720	5194350	5194881	0.18	cps
Terbium	159-1	12129952	12285678	12325669	12247100	0.84	cps
Terbium	159-2	6966944	7068293	7024566	7019934	0.72	cps
Thallium	203-1	3342	3601	3426	3456	3.82	cps
Thallium	205-1	7711	8095	8003	7936	2.52	cps
Tin	118-1	4243	4668	5343	4751	11.68	cps
Titanium	47-1	3683893	3709650	3694719	3696087	0.35	cps
Uranium	238-1	950	1033	1167	1050	10.41	cps
Vanadium	51-2	677	753	720	717	5.36	cps
Yttrium	89-2	1956840	1973457	1988269	1972855	0.80	cps
Yttrium	89-1	11120285	11199002	11179180	11166156	0.37	cps
Zinc	66-2	9186	9613	9216	9339	2.55	cps
Zirconium	90-1	4659	4701	5376	4912	8.19	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:25:31	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1108	1217	1125	1150	5.07	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:28:59	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13327834	13089008	13128384	13181742	0.97	cps
Antimony	121-1	281810	275334	274892	277345	1.40	cps
Arsenic	75-2	13052	12924	13214	13063	1.11	cps
Barium	135-1	72566	73553	71443	72520	1.46	cps
Barium	137-1	127439	126111	125950	126500	0.65	cps
Beryllium	9-1	30147	29507	30270	29975	1.37	cps
Bismuth	209-1	7052275	6717604	7008264	6926048	2.63	cps
Bismuth	209-2	4901761	5001073	4949186	4950674	1.00	cps
Boron	10-1	11680	11772	12105	11852	1.89	cps
Boron	11-1	62111	59669	62179	61320	2.33	cps
Cadmium	106-1	15501	15259	15426	15395	0.80	cps
Cadmium	108-1	8795	8661	8499	8651	1.71	cps
Cadmium	111-1	74428	73946	74285	74220	0.33	cps
Calcium	43-1	3730353	3744256	3772636	3749081	0.57	cps
Calcium	44-1	61621195	61661845	62611945	61964995	0.90	cps
Chromium	52-2	202024	202368	201067	201820	0.33	cps
Cobalt	59-2	174366	172729	173836	173644	0.48	cps
Copper	63-2	165383	167223	166778	166461	0.58	cps
Dysprosium	156-2	40	23	40	34	27.94	cps
Dysprosium	156-1	92	50	83	75	29.40	cps
Erbium	164-1	92	108	133	111	18.88	cps
Erbium	164-2	30	60	50	47	32.73	cps
Gadolinium	160-2	63	60	83	69	18.33	cps
Gadolinium	160-1	150	142	158	150	5.56	cps
Holmium	165-2	7218598	7261294	7254830	7244908	0.32	cps
Holmium	165-1	12066044	11877318	11902666	11948676	0.86	cps
Indium	115-1	10555702	10515158	10402675	10491178	0.76	cps
Indium	115-2	2511475	2531015	2525860	2522783	0.40	cps
Iron	56-2	423739821	426277910	421512854	423843528	0.56	cps
Iron	57-2	10589993	10527346	10537662	10551667	0.32	cps
Lead	206-1	232983	231928	229916	231609	0.67	cps
Lead	207-1	193816	193787	192429	193344	0.41	cps
Lead	208-1	894437	893614	890202	892751	0.25	cps
Lithium	6-1	659232	652070	651065	654123	0.68	cps
Magnesium	24-2	31625533	31037274	31368841	31343883	0.94	cps
Manganese	55-2	81672	82020	81594	81762	0.28	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:28:59	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8438286	8315075	8366373	8373245	0.74	cps
Molybdenum	95-1	14064475	13871268	13873692	13936478	0.80	cps
Molybdenum	96-1	14817165	14865907	14847256	14843443	0.17	cps
Molybdenum	97-1	8986463	8825459	8883780	8898568	0.92	cps
Molybdenum	98-1	23071965	22645232	22878407	22865202	0.93	cps
Neodymium	150-1	87	60	47	64	31.60	cps
Neodymium	150-2	33	33	37	34	5.60	cps
Nickel	60-2	54628	53260	54390	54093	1.35	cps
Phosphorus	31-2	841483	840337	841058	840959	0.07	cps
Potassium	39-2	40057457	39769177	39886283	39904306	0.36	cps
Rhodium	103-2	4867103	4900281	4903243	4890209	0.41	cps
Rhodium	103-1	9633920	9540593	9542843	9572452	0.56	cps
Scandium	45-1	6260723	6254097	6261491	6258771	0.06	cps
Scandium	45-2	369902	371966	371280	371049	0.28	cps
Selenium	77-2	290	210	290	263	17.54	cps
Selenium	78-2	1152	1070	1056	1093	4.75	cps
Selenium	82-1	3916	4258	4215	4130	4.50	cps
Silicon	28-1	1572043	1576489	1579572	1576035	0.24	cps
Silver	109-1	311336	311312	312524	311724	0.22	cps
Silver	107-1	323498	326805	326939	325747	0.60	cps
Sodium	23-2	61564035	61903849	61925595	61797826	0.33	cps
Strontium	86-1	385031	381231	389239	385167	1.04	cps
Strontium	88-1	3291069	3297651	3300952	3296557	0.15	cps
Sulfur	34-1	5156046	5135643	5192412	5161367	0.56	cps
Terbium	159-1	12636254	12691428	12368029	12565237	1.38	cps
Terbium	159-2	7031775	7146107	7086668	7088183	0.81	cps
Thallium	203-1	230679	234711	231017	232135	0.96	cps
Thallium	205-1	550507	552769	550107	551128	0.26	cps
Tin	118-1	563557	566137	564740	564811	0.23	cps
Titanium	47-1	3758500	3762535	3763473	3761503	0.07	cps
Uranium	238-1	1736817	1711474	1714343	1720878	0.81	cps
Vanadium	51-2	85499	85392	85587	85492	0.11	cps
Yttrium	89-2	1975545	1983652	1997993	1985730	0.57	cps
Yttrium	89-1	11323610	11177042	11263826	11254826	0.65	cps
Zinc	66-2	25666	26401	26491	26186	1.73	cps
Zirconium	90-1	1207277	1218747	1212447	1212824	0.47	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:28:59	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	268523	270174	268505	269067	0.36	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:32:27	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1404896	1405237	1402119	1404084	0.12	cps
Antimony	121-1	7554434	7437330	7334848	7442204	1.48	cps
Arsenic	75-2	335559	337383	336818	336587	0.28	cps
Barium	135-1	8701042	8695416	8741352	8712603	0.29	cps
Barium	137-1	14948328	14970586	14903045	14940653	0.23	cps
Beryllium	9-1	765168	762414	755627	761070	0.65	cps
Bismuth	209-1	7176627	7304280	7336346	7272417	1.16	cps
Bismuth	209-2	5118549	5117320	5134870	5123580	0.19	cps
Boron	10-1	107137	108361	108094	107864	0.60	cps
Boron	11-1	560006	560611	562820	561145	0.26	cps
Cadmium	106-1	204489	206267	203661	204806	0.65	cps
Cadmium	108-1	132908	132293	132268	132490	0.27	cps
Cadmium	111-1	1813913	1809720	1804173	1809269	0.27	cps
Calcium	43-1	1985817	1989066	1979665	1984849	0.24	cps
Calcium	44-1	32477769	32769452	32394350	32547190	0.61	cps
Chromium	52-2	2633996	2656998	2643290	2644761	0.44	cps
Cobalt	59-2	4208610	4214921	4232290	4218607	0.29	cps
Copper	63-2	6120754	6117658	6124988	6121133	0.06	cps
Dysprosium	156-2	57	47	47	50	11.55	cps
Dysprosium	156-1	225	125	175	175	28.57	cps
Erbium	164-1	75	83	133	97	32.45	cps
Erbium	164-2	37	27	53	39	34.63	cps
Gadolinium	160-2	73	73	67	71	5.41	cps
Gadolinium	160-1	150	183	175	169	10.24	cps
Holmium	165-2	7175206	7250416	7263499	7229707	0.66	cps
Holmium	165-1	12296152	12354977	12289195	12313442	0.29	cps
Indium	115-1	11007889	10813867	10690922	10837559	1.47	cps
Indium	115-2	2564596	2587152	2591688	2581145	0.56	cps
Iron	56-2	112285411	112141494	112208655	112211853	0.06	cps
Iron	57-2	2711041	2718639	2725933	2718538	0.27	cps
Lead	206-1	4744038	4705363	4667832	4705745	0.81	cps
Lead	207-1	4299064	4275715	4344005	4306261	0.81	cps
Lead	208-1	19414644	19208606	19323539	19315596	0.53	cps
Lithium	6-1	666990	662537	659987	663171	0.53	cps
Magnesium	24-2	16973671	16947018	16963060	16961250	0.08	cps
Manganese	55-2	3052034	3065340	3068831	3062068	0.29	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:32:27	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6710178	6735996	6819929	6755368	0.85	cps
Molybdenum	95-1	3568404	3537779	3511046	3539076	0.81	cps
Molybdenum	96-1	4601162	4549151	4544672	4564995	0.69	cps
Molybdenum	97-1	2222335	2216190	2192952	2210492	0.70	cps
Molybdenum	98-1	5978887	5889482	5873615	5913995	0.96	cps
Neodymium	150-1	413	507	413	444	12.12	cps
Neodymium	150-2	70	53	57	60	14.70	cps
Nickel	60-2	1105664	1109723	1112622	1109336	0.32	cps
Phosphorus	31-2	89384	89635	88336	89118	0.77	cps
Potassium	39-2	10595952	10772884	10805287	10724708	1.05	cps
Rhodium	103-2	5069067	5071076	5072868	5071004	0.04	cps
Rhodium	103-1	10088263	9925119	9912054	9975145	0.98	cps
Scandium	45-1	6504797	6406844	6455170	6455604	0.76	cps
Scandium	45-2	382891	386557	384930	384793	0.48	cps
Selenium	77-2	6758	6805	6702	6755	0.77	cps
Selenium	78-2	22339	22532	23122	22665	1.80	cps
Selenium	82-1	109243	108974	109463	109227	0.22	cps
Silicon	28-1	4249080	4270778	4252867	4257575	0.27	cps
Silver	109-1	8767356	8752774	8793646	8771259	0.24	cps
Silver	107-1	9299809	9216370	9184725	9233635	0.64	cps
Sodium	23-2	32422632	32524249	32195329	32380736	0.52	cps
Strontium	86-1	2392786	2369580	2400312	2387559	0.67	cps
Strontium	88-1	21094016	20910398	20936250	20980221	0.47	cps
Sulfur	34-1	1261724	1255097	1249619	1255480	0.48	cps
Terbium	159-1	12675893	12669134	12509579	12618202	0.75	cps
Terbium	159-2	7125695	7137587	7170348	7144543	0.32	cps
Thallium	203-1	5956745	5924271	5839985	5907000	1.02	cps
Thallium	205-1	14328410	14327589	14172426	14276142	0.63	cps
Tin	118-1	6336319	6193788	6207859	6245989	1.26	cps
Titanium	47-1	984064	973488	968431	975327	0.82	cps
Uranium	238-1	18471576	18428920	18436112	18445536	0.12	cps
Vanadium	51-2	2234085	2242269	2241630	2239328	0.20	cps
Yttrium	89-2	2026009	2029691	2034455	2030052	0.21	cps
Yttrium	89-1	11481120	11381073	11572654	11478282	0.83	cps
Zinc	66-2	841496	846612	847143	845084	0.37	cps
Zirconium	90-1	13004734	12869793	13010108	12961545	0.61	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:32:27	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2811204	2787113	2804633	2800983	0.44	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:35:50	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	300	233	292	18.74	cps
Antimony	121-1	29749	32998	36791	33179	10.62	cps
Arsenic	75-2	422	469	487	459	7.27	cps
Barium	135-1	392	267	308	322	19.75	cps
Barium	137-1	642	392	467	500	25.66	cps
Beryllium	9-1	128	83	161	124	31.45	cps
Bismuth	209-1	7273995	7251015	7348746	7291252	0.70	cps
Bismuth	209-2	5118669	5158592	5159990	5145750	0.46	cps
Boron	10-1	2200	2100	1642	1981	15.03	cps
Boron	11-1	10871	10170	9437	10159	7.06	cps
Cadmium	106-1	5435	6002	5943	5793	5.38	cps
Cadmium	108-1	29	29	25	28	8.67	cps
Cadmium	111-1	3955	4285	4247	4162	4.34	cps
Calcium	43-1	983	1108	950	1014	8.23	cps
Calcium	44-1	34666	33573	33505	33915	1.92	cps
Chromium	52-2	1747	1593	1603	1648	5.21	cps
Cobalt	59-2	110	107	187	134	33.66	cps
Copper	63-2	2267	2127	2220	2205	3.23	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-2	43	57	47	49	14.20	cps
Gadolinium	160-1	117	100	150	122	20.83	cps
Holmium	165-2	7115632	7220924	7081262	7139273	1.02	cps
Holmium	165-1	11973440	11822022	11915195	11903552	0.64	cps
Indium	115-1	10993763	10774486	10669719	10812656	1.53	cps
Indium	115-2	2569940	2630177	2626837	2608985	1.30	cps
Iron	56-2	24293	24426	24415	24378	0.30	cps
Iron	57-2	522	611	622	585	9.37	cps
Lead	206-1	1728	1650	1406	1595	10.55	cps
Lead	207-1	1517	1461	1350	1443	5.88	cps
Lead	208-1	6645	6623	6162	6477	4.21	cps
Lithium	6-1	660696	653450	652437	655527	0.69	cps
Magnesium	24-2	808	825	892	842	5.24	cps
Manganese	55-2	90	113	110	104	12.08	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:35:50	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6102	7852	9412	7789	21.26	cps
Molybdenum	95-1	9237	11647	14333	11739	21.72	cps
Molybdenum	96-1	9887	13315	15434	12879	21.73	cps
Molybdenum	97-1	5426	7052	9062	7180	25.36	cps
Molybdenum	98-1	14900	19280	23069	19083	21.42	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	117	87	91	25.96	cps
Phosphorus	31-2	400	350	358	369	7.25	cps
Potassium	39-2	79455	79035	78666	79052	0.50	cps
Rhodium	103-2	5141441	5219841	5205164	5188815	0.80	cps
Rhodium	103-1	10236278	10148431	10119802	10168170	0.60	cps
Scandium	45-1	6512500	6381988	6381969	6425486	1.17	cps
Scandium	45-2	373607	380347	380622	378192	1.05	cps
Selenium	77-2	10	17	7	11	45.82	cps
Selenium	78-2	293	320	300	304	4.73	cps
Selenium	82-1	-25	160	-90	15	862.39	cps
Silicon	28-1	998931	979211	985645	987929	1.02	cps
Silver	109-1	1000	883	1042	975	8.42	cps
Silver	107-1	1017	983	967	989	2.57	cps
Sodium	23-2	48488	48814	48429	48577	0.43	cps
Strontium	86-1	5159	6060	4918	5379	11.19	cps
Strontium	88-1	1017	908	717	881	17.25	cps
Sulfur	34-1	621799	620516	611334	617883	0.92	cps
Terbium	159-1	12361775	12211425	12323935	12299045	0.64	cps
Terbium	159-2	6963490	7062498	7090082	7038690	0.95	cps
Thallium	203-1	1742	1317	1275	1445	17.88	cps
Thallium	205-1	3517	3192	3226	3312	5.40	cps
Tin	118-1	5093	5643	6568	5768	12.93	cps
Titanium	47-1	450	283	383	372	22.54	cps
Uranium	238-1	1125	1033	1092	1083	4.28	cps
Vanadium	51-2	67	53	63	61	11.36	cps
Yttrium	89-2	2004397	2033859	2033517	2023924	0.84	cps
Yttrium	89-1	11555666	11367800	11378326	11433931	0.92	cps
Zinc	66-2	170	150	203	174	15.45	cps
Zirconium	90-1	2009	2200	2692	2300	15.33	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:35:50	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	508	667	561	16.30	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:39:20	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3034	2842	3017	2964	3.58	cps
Antimony	121-1	37251	39348	40067	38889	3.76	cps
Arsenic	75-2	824	870	824	840	3.18	cps
Barium	135-1	31554	32130	31504	31729	1.10	cps
Barium	137-1	55319	54617	54693	54876	0.70	cps
Beryllium	9-1	1622	1600	1645	1622	1.37	cps
Bismuth	209-1	7192436	7049017	7307162	7182871	1.80	cps
Bismuth	209-2	5058196	5181419	5150330	5129982	1.25	cps
Boron	10-1	6377	6518	6635	6510	1.99	cps
Boron	11-1	34482	34390	35000	34624	0.95	cps
Cadmium	106-1	6102	5835	6152	6029	2.82	cps
Cadmium	108-1	246	308	267	274	11.63	cps
Cadmium	111-1	7654	7627	7466	7582	1.34	cps
Calcium	43-1	19589	19747	19464	19600	0.73	cps
Calcium	44-1	337533	334737	332889	335053	0.70	cps
Chromium	52-2	12249	12108	12169	12175	0.58	cps
Cobalt	59-2	8386	8609	8659	8551	1.70	cps
Copper	63-2	13943	13783	14277	14001	1.80	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Dysprosium	156-1	8	33	0	14	124.91	cps
Erbium	164-1	50	67	25	47	44.41	cps
Erbium	164-2	33	27	50	37	32.78	cps
Gadolinium	160-2	57	53	27	46	36.09	cps
Gadolinium	160-1	92	100	100	97	4.95	cps
Holmium	165-2	7045188	7199652	7060256	7101699	1.20	cps
Holmium	165-1	11575052	11558001	12060081	11731045	2.43	cps
Indium	115-1	10662306	10675621	10747467	10695131	0.43	cps
Indium	115-2	2608961	2605341	2637206	2617169	0.67	cps
Iron	56-2	228641	233302	229843	230595	1.05	cps
Iron	57-2	5240	5724	5746	5570	5.13	cps
Lead	206-1	10338	10571	10610	10506	1.40	cps
Lead	207-1	9693	9559	9059	9437	3.54	cps
Lead	208-1	42823	41932	42049	42268	1.14	cps
Lithium	6-1	649077	645712	654864	649884	0.71	cps
Magnesium	24-2	162069	162809	163644	162841	0.48	cps
Manganese	55-2	3327	3174	3170	3224	2.78	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:39:20	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29089	29464	28972	29175	0.88	cps
Molybdenum	95-1	36648	37526	37534	37236	1.37	cps
Molybdenum	96-1	40843	42096	41770	41570	1.56	cps
Molybdenum	97-1	23128	22786	24305	23406	3.40	cps
Molybdenum	98-1	58103	60831	61810	60248	3.19	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	2154	2464	2377	2331	6.86	cps
Phosphorus	31-2	542	708	500	583	18.90	cps
Potassium	39-2	277415	281775	278430	279207	0.82	cps
Rhodium	103-2	5140578	5185546	5207308	5177811	0.66	cps
Rhodium	103-1	10033679	10032812	10140071	10068854	0.61	cps
Scandium	45-1	6338882	6421126	6469113	6409707	1.03	cps
Scandium	45-2	378322	381799	383313	381145	0.67	cps
Selenium	77-2	43	53	83	60	34.70	cps
Selenium	78-2	459	470	465	465	1.20	cps
Selenium	82-1	1023	883	1120	1009	11.84	cps
Silicon	28-1	1024868	1023261	1035900	1028010	0.67	cps
Silver	109-1	15743	15651	15526	15640	0.70	cps
Silver	107-1	16218	16001	16202	16140	0.75	cps
Sodium	23-2	356131	354449	358345	356308	0.55	cps
Strontium	86-1	9537	9529	10129	9731	3.54	cps
Strontium	88-1	39464	40558	41144	40389	2.11	cps
Sulfur	34-1	636735	633853	632460	634349	0.34	cps
Terbium	159-1	12180003	12034700	12275739	12163481	1.00	cps
Terbium	159-2	7113039	7066181	6971327	7050182	1.02	cps
Thallium	203-1	11948	11639	12014	11867	1.69	cps
Thallium	205-1	27054	27137	28431	27541	2.80	cps
Tin	118-1	57092	58095	59720	58302	2.27	cps
Titanium	47-1	9112	9045	9520	9225	2.79	cps
Uranium	238-1	35324	34648	36051	35341	1.99	cps
Vanadium	51-2	21459	21416	21095	21323	0.93	cps
Yttrium	89-2	2000516	2027875	2035625	2021339	0.91	cps
Yttrium	89-1	11351026	11278037	11442279	11357114	0.72	cps
Zinc	66-2	2017	1880	1870	1922	4.26	cps
Zirconium	90-1	23061	22902	21567	22510	3.65	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:39:20	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4909	4668	4934	4837	3.05	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2045-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAQ8	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:42:50	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	183	192	178	9.76	cps
Antimony	121-1	5001	5351	6469	5607	13.67	cps
Arsenic	75-2	143	174	135	151	13.71	cps
Barium	135-1	2775	2617	2559	2650	4.23	cps
Barium	137-1	4234	4234	4251	4240	0.23	cps
Beryllium	9-1	78	72	78	76	4.23	cps
Bismuth	209-1	7139357	7134997	7071669	7115341	0.53	cps
Bismuth	209-2	5035450	5059775	5047654	5047626	0.24	cps
Boron	10-1	1884	1867	1859	1870	0.68	cps
Boron	11-1	10562	9945	10062	10190	3.22	cps
Cadmium	106-1	5943	6043	6110	6032	1.39	cps
Cadmium	108-1	29	8	8	15	78.76	cps
Cadmium	111-1	4206	4266	4304	4259	1.16	cps
Calcium	43-1	592834	594684	587979	591832	0.59	cps
Calcium	44-1	9760229	9610864	9677539	9682877	0.77	cps
Chromium	52-2	2897	3030	2930	2953	2.35	cps
Cobalt	59-2	2097	2047	2214	2119	4.04	cps
Copper	63-2	3077	3267	3184	3176	3.00	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Dysprosium	156-1	42	42	8	31	62.99	cps
Erbium	164-1	25	67	58	50	44.10	cps
Erbium	164-2	33	27	7	22	62.43	cps
Gadolinium	160-2	37	47	70	51	33.46	cps
Gadolinium	160-1	108	100	75	94	18.37	cps
Holmium	165-2	7104695	7173378	7028557	7102210	1.02	cps
Holmium	165-1	11961257	11618646	11820849	11800251	1.46	cps
Indium	115-1	10958356	11033458	10847633	10946482	0.85	cps
Indium	115-2	2623980	2634035	2641930	2633315	0.34	cps
Iron	56-2	28879	29413	29497	29263	1.15	cps
Iron	57-2	878	978	1028	961	7.95	cps
Lead	206-1	2134	2478	2523	2378	8.95	cps
Lead	207-1	1978	2045	2295	2106	7.93	cps
Lead	208-1	9013	9718	10191	9641	6.15	cps
Lithium	6-1	653826	658934	648345	653702	0.81	cps
Magnesium	24-2	7260043	7134265	7258462	7217590	1.00	cps
Manganese	55-2	446429	447723	450515	448222	0.47	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2045-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAQ8	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:42:50	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2084	2567	3142	2598	20.40	cps
Molybdenum	95-1	2734	3092	3876	3234	18.06	cps
Molybdenum	96-1	3150	3584	4101	3612	13.17	cps
Molybdenum	97-1	1684	2142	2209	2011	14.21	cps
Molybdenum	98-1	3784	4693	6477	4984	27.48	cps
Neodymium	150-1	33	13	13	20	57.76	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	770	720	830	773	7.12	cps
Phosphorus	31-2	425	333	408	389	12.56	cps
Potassium	39-2	157637	158631	159565	158611	0.61	cps
Rhodium	103-2	5160367	5131535	5196926	5162943	0.63	cps
Rhodium	103-1	10266836	10299129	10083485	10216483	1.14	cps
Scandium	45-1	6605919	6481998	6527393	6538436	0.96	cps
Scandium	45-2	385516	387434	388827	387259	0.43	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	320	319	248	296	13.93	cps
Selenium	82-1	-180	-62	-194	-145	-49.74	cps
Silicon	28-1	3501327	3469349	3466192	3478956	0.56	cps
Silver	109-1	592	517	733	614	17.92	cps
Silver	107-1	700	458	700	619	22.53	cps
Sodium	23-2	3136587	3140528	3125605	3134240	0.25	cps
Strontium	86-1	880006	872811	860422	871079	1.14	cps
Strontium	88-1	7716304	7630228	7600742	7649091	0.79	cps
Sulfur	34-1	3200772	3167299	3187528	3185200	0.53	cps
Terbium	159-1	12385912	12355269	12261344	12334175	0.53	cps
Terbium	159-2	6973986	7099172	7069307	7047489	0.93	cps
Thallium	203-1	525	383	725	544	31.53	cps
Thallium	205-1	1300	1333	1242	1292	3.59	cps
Tin	118-1	1600	2150	2267	2006	17.75	cps
Titanium	47-1	392	400	358	383	5.75	cps
Uranium	238-1	975	983	1108	1022	7.31	cps
Vanadium	51-2	300	247	317	288	12.71	cps
Yttrium	89-2	2031174	2044321	2049905	2041800	0.47	cps
Yttrium	89-1	11544106	11625163	11399599	11522956	0.99	cps
Zinc	66-2	363	360	387	370	3.93	cps
Zirconium	90-1	1867	2017	1892	1925	4.17	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2045-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAQ8	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:42:50	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	408	558	461	18.28	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2048-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAS2	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:46:20	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	200	100	144	35.25	cps
Antimony	121-1	3417	3426	4276	3706	13.31	cps
Arsenic	75-2	148	126	157	144	11.25	cps
Barium	135-1	2550	2567	2609	2575	1.17	cps
Barium	137-1	4609	4243	4626	4493	4.82	cps
Beryllium	9-1	33	78	83	65	42.29	cps
Bismuth	209-1	7157277	7125463	7281363	7188034	1.15	cps
Bismuth	209-2	5230285	5226612	5219694	5225530	0.10	cps
Boron	10-1	1642	1684	1767	1697	3.75	cps
Boron	11-1	8961	9120	9262	9114	1.65	cps
Cadmium	106-1	5635	6010	5943	5863	3.41	cps
Cadmium	108-1	4	17	17	13	57.72	cps
Cadmium	111-1	4000	4237	4194	4144	3.05	cps
Calcium	43-1	581709	587281	592371	587120	0.91	cps
Calcium	44-1	9684395	9681033	9739155	9701528	0.34	cps
Chromium	52-2	1887	1600	1857	1781	8.85	cps
Cobalt	59-2	2050	1947	2047	2015	2.92	cps
Copper	63-2	3250	3490	3177	3306	4.96	cps
Dysprosium	156-2	7	0	17	8	107.84	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Erbium	164-1	42	58	42	47	20.38	cps
Erbium	164-2	37	30	50	39	26.18	cps
Gadolinium	160-2	63	50	43	52	19.50	cps
Gadolinium	160-1	67	75	133	92	39.63	cps
Holmium	165-2	7283335	7422594	7420266	7375398	1.08	cps
Holmium	165-1	11658589	12008190	12146052	11937610	2.10	cps
Indium	115-1	10663917	10908702	11182086	10918235	2.37	cps
Indium	115-2	2672570	2674466	2709578	2685538	0.78	cps
Iron	56-2	17133	17466	17450	17350	1.08	cps
Iron	57-2	706	650	689	682	4.18	cps
Lead	206-1	2134	2406	2345	2295	6.23	cps
Lead	207-1	1895	2084	2128	2035	6.09	cps
Lead	208-1	8796	9452	9579	9276	4.53	cps
Lithium	6-1	653732	660845	670127	661568	1.24	cps
Magnesium	24-2	7382667	7317055	7318938	7339554	0.51	cps
Manganese	55-2	453939	455674	459043	456219	0.57	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2048-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAS2	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:46:20	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1558	1909	2242	1903	17.96	cps
Molybdenum	95-1	1959	2284	2667	2303	15.40	cps
Molybdenum	96-1	2050	2900	3276	2742	22.90	cps
Molybdenum	97-1	1083	1425	1617	1375	19.65	cps
Molybdenum	98-1	3067	3901	4526	3831	19.10	cps
Neodymium	150-1	40	7	40	29	66.61	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	517	443	453	471	8.44	cps
Phosphorus	31-2	450	425	300	392	20.52	cps
Potassium	39-2	159819	156803	159566	158729	1.05	cps
Rhodium	103-2	5245655	5234977	5297717	5259450	0.64	cps
Rhodium	103-1	10008415	10194222	10401806	10201481	1.93	cps
Scandium	45-1	6420171	6571250	6654798	6548740	1.82	cps
Scandium	45-2	393641	394653	394978	394424	0.18	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	265	280	270	272	2.76	cps
Selenium	82-1	-225	-106	-103	-145	-48.00	cps
Silicon	28-1	4176273	3467794	3480080	3708049	10.94	cps
Silver	109-1	558	425	658	547	21.39	cps
Silver	107-1	533	650	567	583	10.30	cps
Sodium	23-2	3193980	3217195	3223722	3211632	0.49	cps
Strontium	86-1	856566	857719	865295	859860	0.55	cps
Strontium	88-1	7486523	7583727	7669785	7580012	1.21	cps
Sulfur	34-1	3219829	3267039	3282855	3256574	1.01	cps
Terbium	159-1	12294894	12588726	12589648	12491089	1.36	cps
Terbium	159-2	7317313	7189627	7114806	7207249	1.42	cps
Thallium	203-1	333	333	375	347	6.93	cps
Thallium	205-1	733	908	825	822	10.65	cps
Tin	118-1	1492	1734	2109	1778	17.48	cps
Titanium	47-1	242	242	342	275	21.00	cps
Uranium	238-1	1000	1150	1100	1083	7.05	cps
Vanadium	51-2	200	227	273	233	15.91	cps
Yttrium	89-2	2078042	2084606	2100039	2087562	0.54	cps
Yttrium	89-1	11385784	11565534	11719444	11556921	1.44	cps
Zinc	66-2	327	400	353	360	10.31	cps
Zirconium	90-1	1608	1583	1984	1725	12.99	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	I2048-10DLX20	Instrumnet Name :	P7
Client Sample ID :	MYAAS2	Dilution Factor :	20
Date & Time Acquired ::	2017-03-10 15:46:20	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	350	358	372	8.48	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:49:49	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1381313	1394837	1382986	1386379	0.53	cps
Antimony	121-1	7433291	7328563	7362561	7374805	0.72	cps
Arsenic	75-2	334912	331786	331658	332785	0.55	cps
Barium	135-1	8628577	8592840	8593550	8604989	0.24	cps
Barium	137-1	14795346	14719309	14922851	14812502	0.69	cps
Beryllium	9-1	757506	763875	758361	759914	0.45	cps
Bismuth	209-1	7232655	7274953	7226567	7244725	0.36	cps
Bismuth	209-2	5088735	5017037	5084516	5063429	0.79	cps
Boron	10-1	106506	108764	108159	107810	1.08	cps
Boron	11-1	552816	559982	566578	559792	1.23	cps
Cadmium	106-1	205639	204421	204980	205013	0.30	cps
Cadmium	108-1	131444	132433	132429	132102	0.43	cps
Cadmium	111-1	1812565	1819142	1803883	1811863	0.42	cps
Calcium	43-1	1975884	1977480	1995461	1982941	0.55	cps
Calcium	44-1	32712772	32692940	32544080	32649931	0.28	cps
Chromium	52-2	2610957	2624633	2612030	2615874	0.29	cps
Cobalt	59-2	4217163	4172994	4189851	4193336	0.53	cps
Copper	63-2	6225448	6098357	6122814	6148873	1.10	cps
Dysprosium	156-2	67	63	27	52	42.50	cps
Dysprosium	156-1	100	233	192	175	38.98	cps
Erbium	164-1	42	92	67	67	37.50	cps
Erbium	164-2	40	47	27	38	26.95	cps
Gadolinium	160-2	100	53	67	73	32.78	cps
Gadolinium	160-1	242	125	150	172	35.67	cps
Holmium	165-2	7276156	7159208	7137439	7190935	1.04	cps
Holmium	165-1	12089069	11926663	12225278	12080337	1.24	cps
Indium	115-1	10642060	10624021	10608937	10625006	0.16	cps
Indium	115-2	2529966	2535767	2540642	2535458	0.21	cps
Iron	56-2	111715511	111456372	111964975	111712286	0.23	cps
Iron	57-2	2690414	2691263	2696541	2692739	0.12	cps
Lead	206-1	4634284	4627276	4679310	4646957	0.61	cps
Lead	207-1	4252051	4255829	4273012	4260298	0.26	cps
Lead	208-1	19184173	19191775	19226359	19200769	0.12	cps
Lithium	6-1	652065	653617	649728	651803	0.30	cps
Magnesium	24-2	16802498	16963286	16834990	16866925	0.50	cps
Manganese	55-2	3034522	3006256	3020895	3020558	0.47	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:49:49	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6768283	6822729	6673626	6754879	1.12	cps
Molybdenum	95-1	3516750	3525638	3497707	3513365	0.41	cps
Molybdenum	96-1	4515138	4558347	4529408	4534298	0.49	cps
Molybdenum	97-1	2195040	2185861	2179270	2186724	0.36	cps
Molybdenum	98-1	5890185	5883475	5853166	5875609	0.34	cps
Neodymium	150-1	500	520	553	524	5.14	cps
Neodymium	150-2	70	70	73	71	2.70	cps
Nickel	60-2	1112325	1100383	1102156	1104955	0.58	cps
Phosphorus	31-2	89124	88026	88210	88453	0.66	cps
Potassium	39-2	10688561	10584087	10574594	10615748	0.60	cps
Rhodium	103-2	5034013	4990274	5009925	5011404	0.44	cps
Rhodium	103-1	9943592	10083980	9971179	9999584	0.74	cps
Scandium	45-1	6469937	6474627	6415171	6453245	0.51	cps
Scandium	45-2	379324	377080	379763	378722	0.38	cps
Selenium	77-2	6518	6675	6368	6520	2.35	cps
Selenium	78-2	22358	22210	22412	22326	0.47	cps
Selenium	82-1	109574	109683	109170	109476	0.25	cps
Silicon	28-1	4248672	4281394	4306358	4278808	0.68	cps
Silver	109-1	8783593	8763370	8721856	8756273	0.36	cps
Silver	107-1	9215165	9053619	9188840	9152541	0.95	cps
Sodium	23-2	32172325	32234507	31976966	32127933	0.42	cps
Strontium	86-1	2366992	2375100	2383843	2375311	0.35	cps
Strontium	88-1	20814433	20707915	20955389	20825912	0.60	cps
Sulfur	34-1	1305769	1295037	1284257	1295021	0.83	cps
Terbium	159-1	12466671	12588375	12487659	12514235	0.52	cps
Terbium	159-2	7183297	6999143	7101201	7094547	1.30	cps
Thallium	203-1	5845316	5843557	5886081	5858318	0.41	cps
Thallium	205-1	14240274	13922841	14180447	14114520	1.20	cps
Tin	118-1	5869640	5880308	6167194	5972381	2.83	cps
Titanium	47-1	972024	978372	978216	976204	0.37	cps
Uranium	238-1	18134300	18417161	18287001	18279487	0.77	cps
Vanadium	51-2	2212693	2215333	2207928	2211985	0.17	cps
Yttrium	89-2	2012584	1999358	1998525	2003489	0.39	cps
Yttrium	89-1	11471987	11270472	11369155	11370538	0.89	cps
Zinc	66-2	841893	835409	837560	838288	0.39	cps
Zirconium	90-1	12992010	12828879	12885289	12902059	0.64	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:49:49	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2815651	2782631	2782213	2793499	0.69	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:53:13	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	125	158	111	49.94	cps
Antimony	121-1	30651	34385	36741	33926	9.05	cps
Arsenic	75-2	409	465	461	445	6.98	cps
Barium	135-1	317	292	192	267	24.80	cps
Barium	137-1	500	542	483	508	5.91	cps
Beryllium	9-1	133	144	89	122	24.05	cps
Bismuth	209-1	7280313	7156608	7254289	7230404	0.90	cps
Bismuth	209-2	5219111	5128856	5084836	5144268	1.33	cps
Boron	10-1	1967	1633	1633	1745	11.03	cps
Boron	11-1	9670	9128	8619	9139	5.75	cps
Cadmium	106-1	5560	6077	5718	5785	4.58	cps
Cadmium	108-1	17	38	29	28	37.74	cps
Cadmium	111-1	4022	4344	4111	4159	4.00	cps
Calcium	43-1	975	1042	1594	1203	28.21	cps
Calcium	44-1	33280	33188	33113	33194	0.25	cps
Chromium	52-2	1760	1667	1787	1738	3.63	cps
Cobalt	59-2	190	120	130	147	25.81	cps
Copper	63-2	1450	1510	1380	1447	4.50	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	23	33	20	26	27.15	cps
Gadolinium	160-2	40	50	33	41	20.41	cps
Gadolinium	160-1	158	75	108	114	36.83	cps
Holmium	165-2	7247878	7145005	7021423	7138102	1.59	cps
Holmium	165-1	11980977	11912560	11793101	11895546	0.80	cps
Indium	115-1	10836903	10891978	10633060	10787314	1.26	cps
Indium	115-2	2598867	2609097	2610344	2606103	0.24	cps
Iron	56-2	16788	17155	16999	16981	1.09	cps
Iron	57-2	344	356	322	341	4.98	cps
Lead	206-1	1528	1706	1433	1556	8.89	cps
Lead	207-1	1567	1445	1483	1498	4.17	cps
Lead	208-1	6518	6523	6273	6438	2.22	cps
Lithium	6-1	647206	645242	644954	645801	0.19	cps
Magnesium	24-2	458	467	517	481	6.56	cps
Manganese	55-2	123	127	167	139	17.36	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:53:13	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4818	5660	6877	5785	17.90	cps
Molybdenum	95-1	7244	8520	10354	8706	17.96	cps
Molybdenum	96-1	7669	10171	11555	9798	20.10	cps
Molybdenum	97-1	3926	5326	6727	5326	26.30	cps
Molybdenum	98-1	11096	13716	16744	13852	20.40	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	83	67	82	18.28	cps
Phosphorus	31-2	367	350	317	344	7.39	cps
Potassium	39-2	78306	76899	77268	77491	0.94	cps
Rhodium	103-2	5163874	5197614	5176216	5179235	0.33	cps
Rhodium	103-1	10187442	10109379	10028931	10108584	0.78	cps
Scandium	45-1	6470597	6331946	6297988	6366844	1.44	cps
Scandium	45-2	377532	378537	376337	377469	0.29	cps
Selenium	77-2	3	23	10	12	83.33	cps
Selenium	78-2	256	304	315	291	10.81	cps
Selenium	82-1	-73	-173	159	-29	-590.30	cps
Silicon	28-1	977683	977342	969260	974762	0.49	cps
Silver	109-1	650	750	608	669	10.88	cps
Silver	107-1	767	717	675	720	6.38	cps
Sodium	23-2	40581	40731	42319	41210	2.34	cps
Strontium	86-1	5259	5376	5643	5426	3.62	cps
Strontium	88-1	900	933	625	820	20.65	cps
Sulfur	34-1	627148	632843	637080	632357	0.79	cps
Terbium	159-1	12333436	12461657	12257701	12350931	0.83	cps
Terbium	159-2	7141372	7046001	7066798	7084724	0.71	cps
Thallium	203-1	1684	1417	1367	1489	11.44	cps
Thallium	205-1	4151	3367	3567	3695	11.02	cps
Tin	118-1	4701	6010	6335	5682	15.22	cps
Titanium	47-1	167	433	300	300	44.45	cps
Uranium	238-1	1108	1042	1008	1053	4.84	cps
Vanadium	51-2	110	60	73	81	31.92	cps
Yttrium	89-2	2019214	2016484	2007419	2014372	0.31	cps
Yttrium	89-1	11340887	11265470	11276634	11294331	0.36	cps
Zinc	66-2	177	243	233	218	16.51	cps
Zirconium	90-1	2125	2134	2534	2264	10.31	cps

LB Number :	LB86309	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-03-10 15:53:13	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	592	433	511	15.50	cps