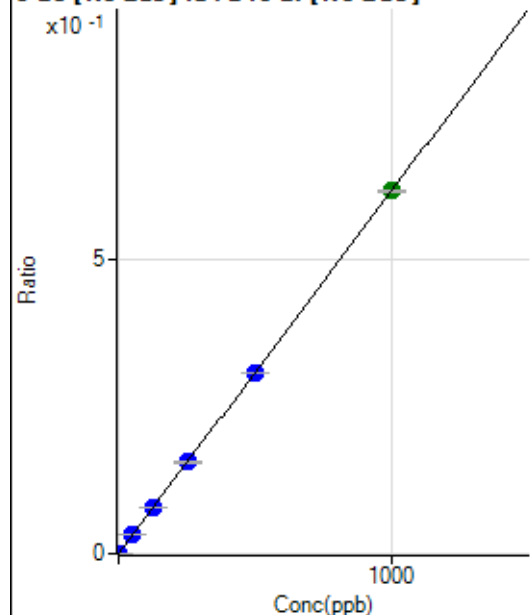


Batch Folder: D:\ICP-MS Data\P7082018 MS.b\
Analysis File: P7082018 MS.batch.bin
DA Date-Time: 2018-08-20 17:50:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-20 16:03:45
2			
3	005CALS.d	S02	2018-08-20 16:12:21
4	006CALS.d	S03	2018-08-20 16:16:14
5	007CALS.d	S04	2018-08-20 16:20:43
6	008CALS.d	S05	2018-08-20 16:24:50
7	009CALS.d	S06	2018-08-20 16:28:36
8	010CALS.d	S07	2018-08-20 16:32:21
9	011CALS.d	S08	2018-08-20 16:36:11

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0000	P	30.2
2	☐	0.100					
3	☐	1.000	0.988	3520.87	0.0006	P	1.2
4	☐	50.000	50.973	188563.43	0.0313	P	0.1
5	☐	125.000	125.897	467658.41	0.0774	P	0.4
6	☐	250.000	252.473	899559.27	0.1552	P	2.6
7	☐	500.000	498.256	1778713.00	0.3062	P	0.7
8	☐	1000.000	1000.093	3559149.27	0.6146	A	0.4
9	☐			683.37	0.0001	P	11.9

$$y = 6.1457\text{E-}004 * x + 9.6638\text{E-}006$$

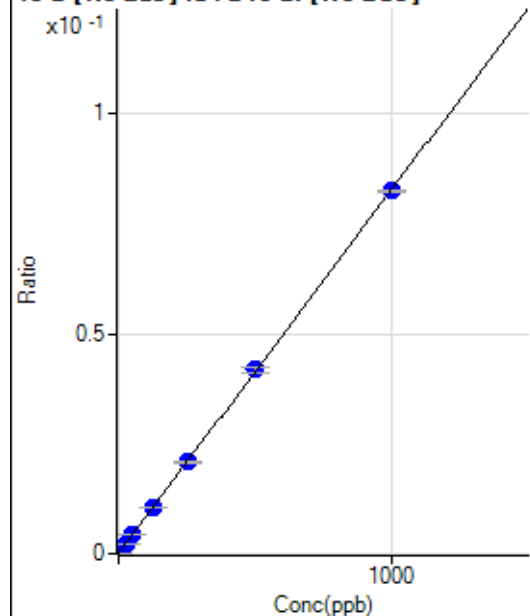
$$R = 1.0000$$

$$DL = 0.01427$$

$$BEC = 0.01572$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	455.58	0.0001	P	12.6
2	☐	2.500					
3	☐	25.000	24.848	12160.88	0.0021	P	2.0
4	☐	50.000	51.353	26017.63	0.0043	P	2.4
5	☐	125.000	127.487	64197.91	0.0106	P	0.9
6	☐	250.000	251.996	121344.20	0.0209	P	2.0
7	☐	500.000	504.354	242824.81	0.0418	P	2.4
8	☐	1000.000	996.949	478094.47	0.0826	P	0.3
9	☐			14504.74	0.0028	P	11.3

$$y = 8.2743\text{E-}005 * x + 7.4292\text{E-}005$$

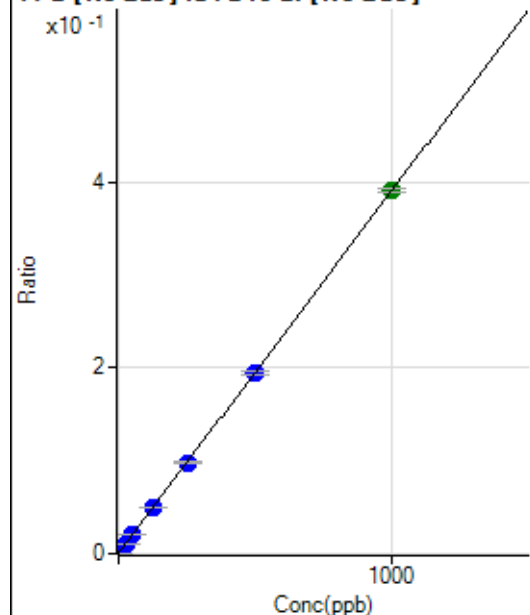
$$R = 1.0000$$

$$DL = 0.3393$$

$$BEC = 0.8979$$

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	2208.59	0.0004	P	2.2
2	☐	2.500					
3	☐	25.000	24.532	56621.13	0.0099	P	4.2
4	☐	50.000	50.803	121275.50	0.0202	P	1.0
5	☐	125.000	124.830	296105.92	0.0490	P	1.2
6	☐	250.000	249.626	566016.21	0.0976	P	1.7
7	☐	500.000	499.167	1131747.83	0.1948	P	2.7
8	☐	1000.000	1000.503	2259353.35	0.3902	A	1.0
9	☐			66643.22	0.0128	P	10.6

$$y = 3.8963\text{E-}004 * x + 3.6001\text{E-}004$$

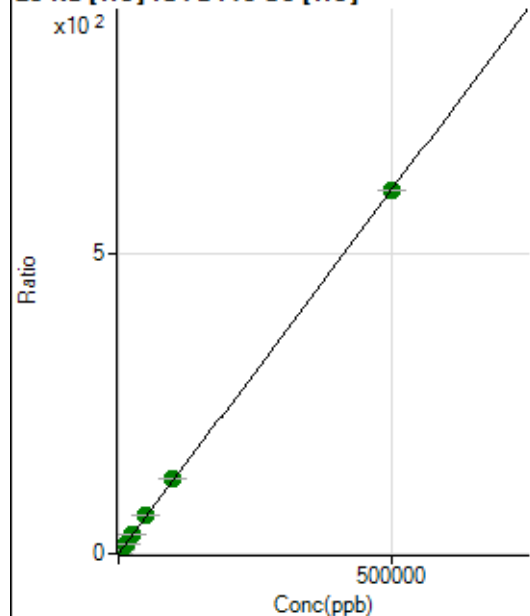
$$R = 1.0000$$

$$DL = 0.0621$$

$$BEC = 0.924$$

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	11821.72	0.0230	P	1.0
2	☐	50.000					
3	☐	500.000	516.081	311550.80	0.6470	P	0.8
4	☐	5000.000	5339.351	3284836.99	6.4784	A	1.0
5	☐	12500.000	13489.365	8078718.41	16.3319	A	1.0
6	☐	25000.000	26906.980	15979343.76	32.5541	A	0.5
7	☐	50000.000	52607.054	32239328.50	63.6260	A	0.9
8	☐	100000.00	103336.32	65703230.63	124.9587	A	1.0
9	☐	500000.00	498948.53	319490073.8	603.2621	A	0.1

$$y = 0.0012 * x + 0.0230$$

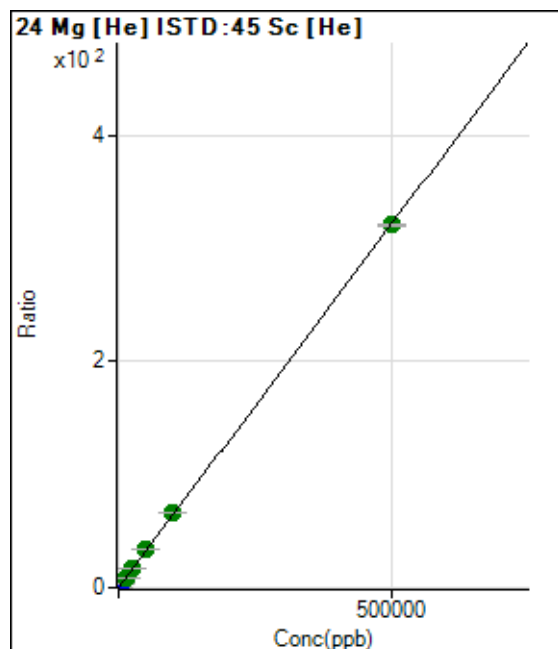
$$R = 1.0000$$

$$DL = 0.5898$$

$$BEC = 19.02$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	536.15	0.0010	P	11.8
2	☐	50.000					
3	☐	500.000	503.807	156421.79	0.3248	P	0.6
4	☐	5000.000	5398.022	1759441.33	3.4700	P	1.2
5	☐	12500.000	13563.495	4312100.66	8.7174	A	1.1
6	☐	25000.000	27083.626	8543961.04	17.4060	A	0.2
7	☐	50000.000	52741.551	17174485.98	33.8947	A	0.9
8	☐	100000.00	103620.08	35014142.80	66.5911	A	0.5
9	☐	500000.00	498867.07	169789163.5	320.5911	A	0.5

$$y = 6.4264\text{E-}004 * x + 0.0010$$

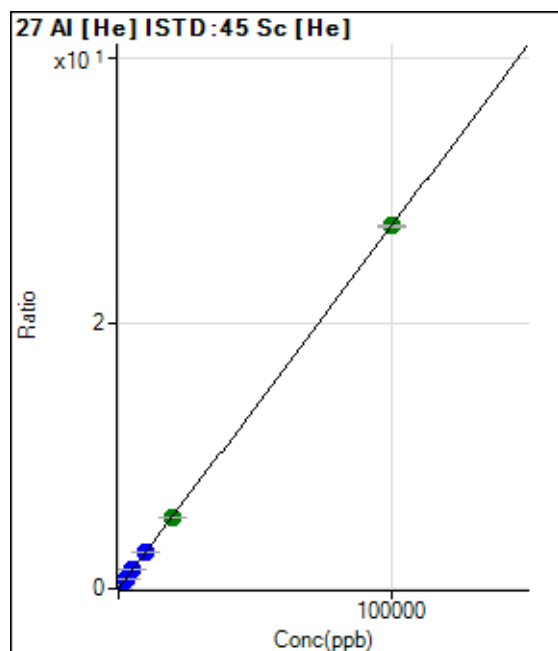
$$R = 1.0000$$

$$DL = 0.5727$$

$$BEC = 1.623$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	683.38	0.0013	P	3.4
2	☐	2.000					
3	☐	20.000	16.247	2778.16	0.0058	P	5.3
4	☐	1000.000	1033.350	143855.49	0.2837	P	0.7
5	☐	2500.000	2575.569	348795.83	0.7051	P	1.2
6	☐	5000.000	5139.490	690037.30	1.4058	P	0.5
7	☐	10000.000	10073.082	1395427.17	2.7540	P	1.0
8	☐	20000.000	19802.716	2846063.69	5.4127	A	0.5
9	☐	100000.00	100022.95	14476180.53	27.3341	A	0.6

$$y = 2.7327\text{E-}004 * x + 0.0013$$

$$R = 1.0000$$

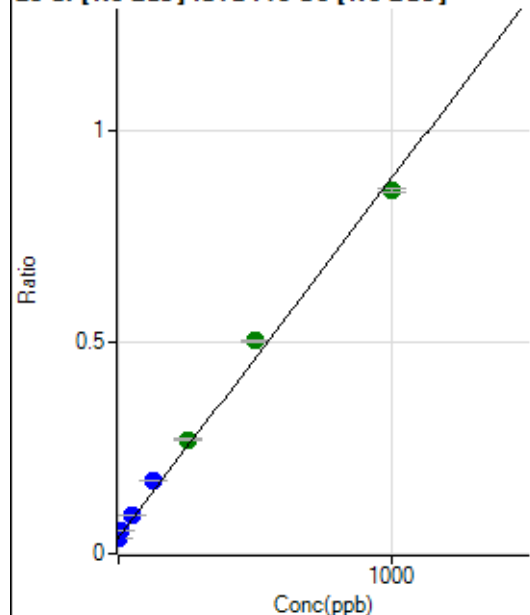
$$DL = 0.4965$$

$$BEC = 4.865$$

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	439880.80	0.0383	P	0.9
2	☐	1.000					
3	☐	10.000	18.882	582677.45	0.0544	P	1.6
4	☐	50.000	64.207	1051383.28	0.0929	P	0.6
5	☐	125.000	159.985	1961442.34	0.1743	P	0.6
6	☐	250.000	272.497	2939191.56	0.2699	A	2.5
7	☐	500.000	546.939	5636602.73	0.5031	A	0.9
8	☐	1000.000	965.734	10090551.36	0.8590	A	1.0
9	☐			2472432.20	0.2272	A	2.5

$$y = 8.4977\text{E-}004 * x + 0.0383$$

$$R = 0.9978$$

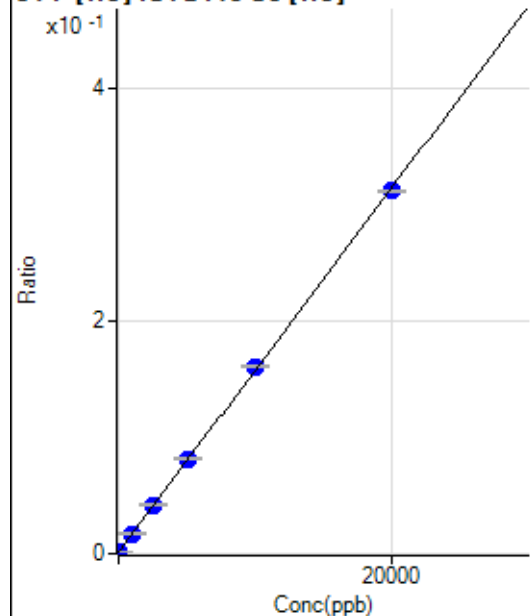
$$DL = 1.24$$

$$BEC = 45.12$$

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	-2.372	650.04	0.0013	P	19.3
2	☐	0.000					
3	☐	0.000	2.372	644.49	0.0013	P	8.1
4	☐	1000.000	1024.390	8772.35	0.0173	P	2.2
5	☐	2500.000	2598.823	20715.19	0.0419	P	3.3
6	☐	5000.000	5106.271	39781.77	0.0810	P	1.8
7	☐	10000.000	10212.028	81464.28	0.1608	P	1.4
8	☐	20000.000	19853.846	163710.48	0.3113	P	0.3
9	☐			769.50	0.0015	P	12.8

$$y = 1.5616\text{E-}005 * x + 0.0013$$

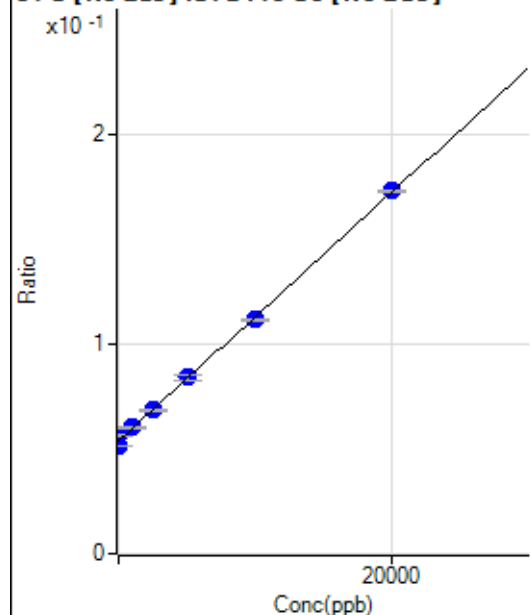
$$R = 0.9999$$

$$DL = 33.77$$

$$BEC = 83.34$$

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	-443.165	588454.30	0.0513	P	0.5
2	☐	0.000					
3	☐	0.000	443.165	605897.07	0.0566	P	1.2
4	☐	1000.000	1074.385	682425.49	0.0603	P	1.4
5	☐	2500.000	2458.697	771163.34	0.0685	P	0.4
6	☐	5000.000	5085.553	915752.25	0.0841	P	4.2
7	☐	10000.000	9740.400	1252156.89	0.1118	P	0.8
8	☐	20000.000	20109.855	2036470.34	0.1734	P	0.8
9	☐			472394.62	0.0434	P	0.9

$$y = 5.9396\text{E-}006 * x + 0.0539$$

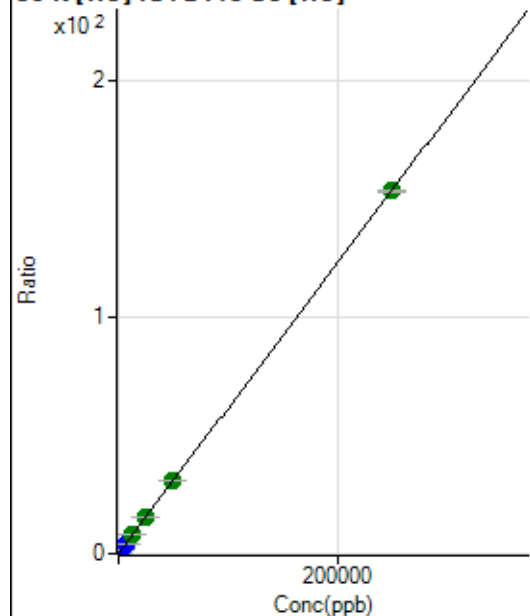
$$R = 0.9992$$

$$DL = 237.9$$

$$BEC = 9078$$

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	32839.95	0.0639	P	2.5
2	☐	50.000					
3	☐	500.000	492.817	176024.72	0.3655	P	1.2
4	☐	2500.000	2558.377	826374.59	1.6298	P	1.1
5	☐	6250.000	6347.584	1953343.40	3.9490	P	1.4
6	☐	12500.000	12570.748	3808112.63	7.7580	A	0.5
7	☐	25000.000	24990.963	7782993.14	15.3600	A	0.8
8	☐	50000.000	49834.355	16071977.10	30.5658	A	0.4
9	☐	250000.00	250027.48	81081958.06	153.0972	A	0.3

$$y = 6.1207\text{E-}004 * x + 0.0639$$

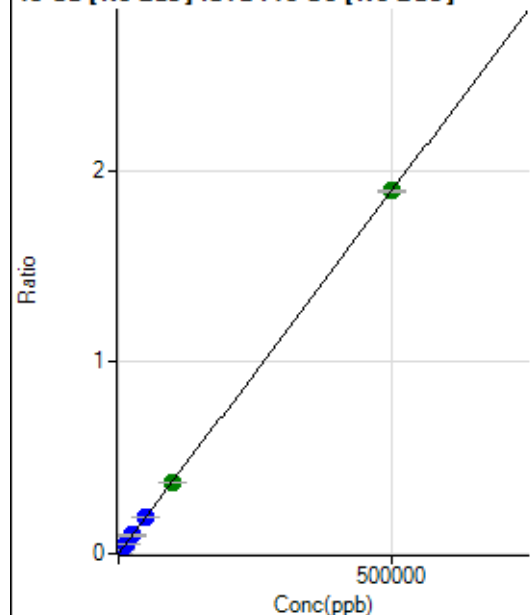
$$R = 1.0000$$

$$DL = 7.784$$

$$BEC = 104.4$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	369.47	0.0000	P	18.9
2	☐	50.000					
3	☐	500.000	471.120	19477.36	0.0018	P	1.9
4	☐	5000.000	5013.676	215404.35	0.0190	P	0.8
5	☐	12500.000	12616.909	538476.50	0.0478	P	0.2
6	☐	25000.000	25244.838	1041955.93	0.0957	P	3.5
7	☐	50000.000	49569.303	2104898.64	0.1879	P	0.2
8	☐	100000.00	98557.685	4387874.93	0.3735	A	0.9
9	☐	500000.00	500316.26	20631288.83	1.8961	A	0.4

$$y = 3.7897\text{E-}006 * x + 3.2189\text{E-}005$$

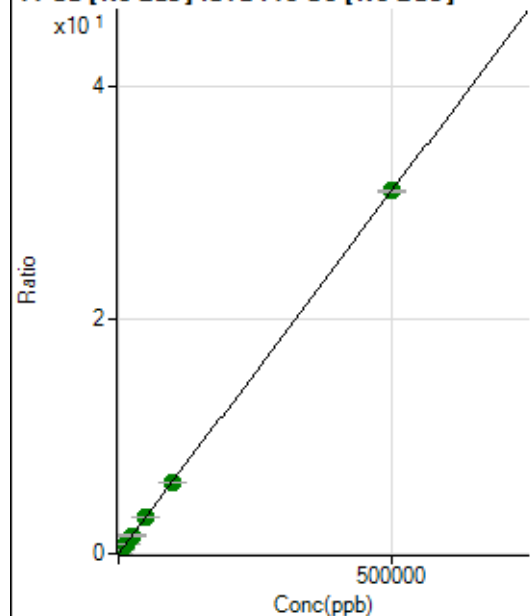
$$R = 1.0000$$

$$DL = 4.812$$

$$BEC = 8.494$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17511.20	0.0015	P	1.1
2	☐	50.000					
3	☐	500.000	467.682	327217.58	0.0305	P	0.4
4	☐	5000.000	4972.514	3508510.41	0.3100	A	0.2
5	☐	12500.000	12441.430	8703247.51	0.7733	A	0.4
6	☐	25000.000	24963.753	16877414.79	1.5502	A	3.5
7	☐	50000.000	49487.738	34410025.07	3.0716	A	0.6
8	☐	100000.00	97970.930	71408521.04	6.0793	A	1.5
9	☐	500000.00	500460.62	337831554.7	31.0481	A	0.6

$$y = 6.2036\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

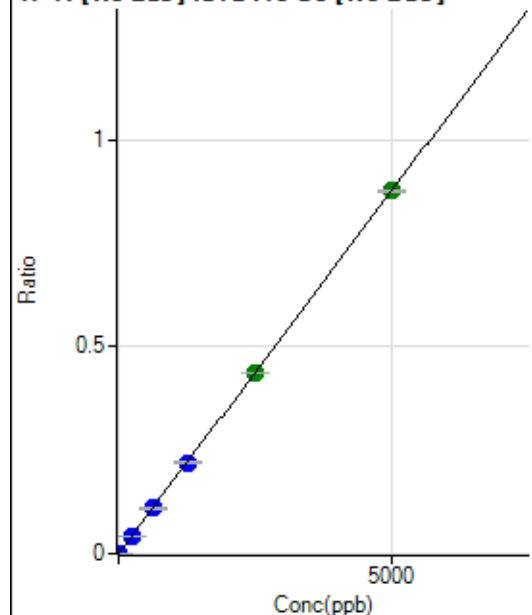
$$DL = 0.8235$$

$$BEC = 24.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0000	P	22.7
2	☐	0.500					
3	☐	5.000	5.085	9709.14	0.0009	P	3.1
4	☐	250.000	250.683	497268.03	0.0439	P	0.1
5	☐	625.000	623.281	1229176.63	0.1092	P	0.3
6	☐	1250.000	1255.231	2394573.17	0.2199	P	3.6
7	☐	2500.000	2496.079	4899759.14	0.4374	A	0.2
8	☐	5000.000	5000.833	10292902.23	0.8762	A	0.6
9	☐			5773.59	0.0005	P	3.2

$$y = 1.7521\text{E-}004 * x + 1.5009\text{E-}005$$

$$R = 1.0000$$

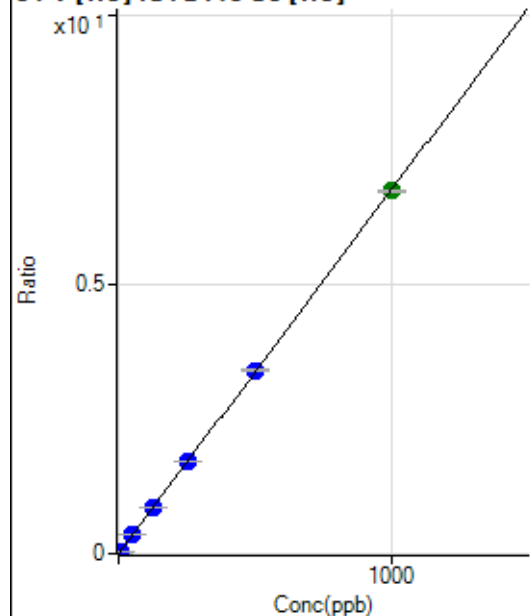
$$DL = 0.05844$$

$$BEC = 0.08566$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.7
2	☐	0.500					
3	☐	5.000	4.891	15948.84	0.0331	P	2.8
4	☐	50.000	50.873	174619.39	0.3444	P	0.6
5	☐	125.000	126.748	424378.58	0.8580	P	1.8
6	☐	250.000	253.505	842335.07	1.7160	P	0.8
7	☐	500.000	503.712	1727705.67	3.4097	P	0.7
8	☐	1000.000	997.006	3548604.22	6.7488	A	0.4
9	☐			2099.08	0.0040	P	8.1

$$y = 0.0068 * x + 1.0810\text{E-}005$$

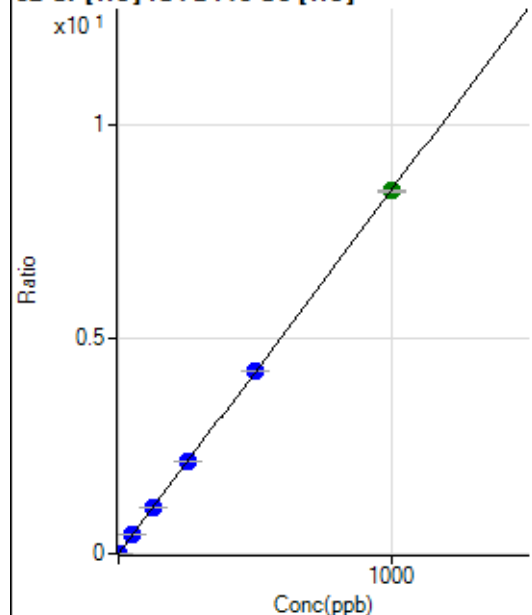
$$R = 1.0000$$

$$DL = 0.001663$$

$$BEC = 0.001597$$

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	876.71	0.0017	P	7.9
2	☐	0.200					
3	☐	2.000	2.082	9314.19	0.0193	P	2.6
4	☐	50.000	50.868	219284.03	0.4325	P	0.9
5	☐	125.000	127.521	535008.40	1.0816	P	1.1
6	☐	250.000	254.433	1058447.71	2.1563	P	0.3
7	☐	500.000	501.074	2150936.44	4.2449	P	0.3
8	☐	1000.000	997.996	4444673.82	8.4530	A	0.3
9	☐			171717.73	0.3242	P	0.3

$$y = 0.0085 * x + 0.0017$$

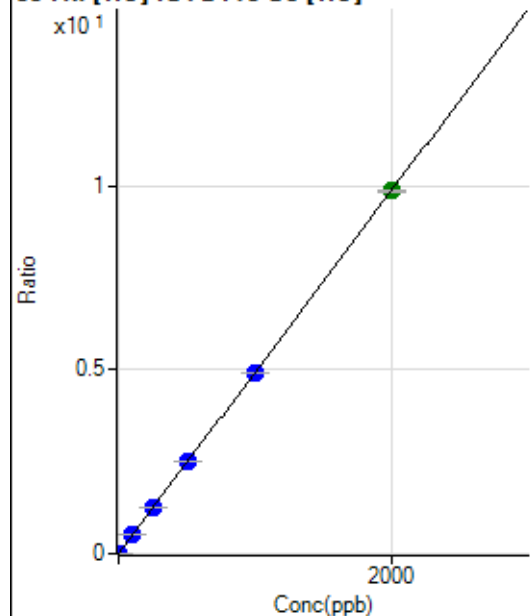
$$R = 1.0000$$

$$DL = 0.04743$$

$$BEC = 0.2014$$

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	284.45	0.0006	P	16.6
2	☐	0.100					
3	☐	1.000	0.929	2475.80	0.0051	P	4.4
4	☐	100.000	102.151	256012.02	0.5049	P	0.9
5	☐	250.000	255.802	624986.23	1.2635	P	1.1
6	☐	500.000	508.237	1231994.32	2.5098	P	0.5
7	☐	1000.000	997.380	2495392.88	4.9248	P	0.5
8	☐	2000.000	1998.418	5188207.49	9.8670	A	0.3
9	☐			26143.43	0.0494	P	0.8

$$y = 0.0049 * x + 5.5344E-004$$

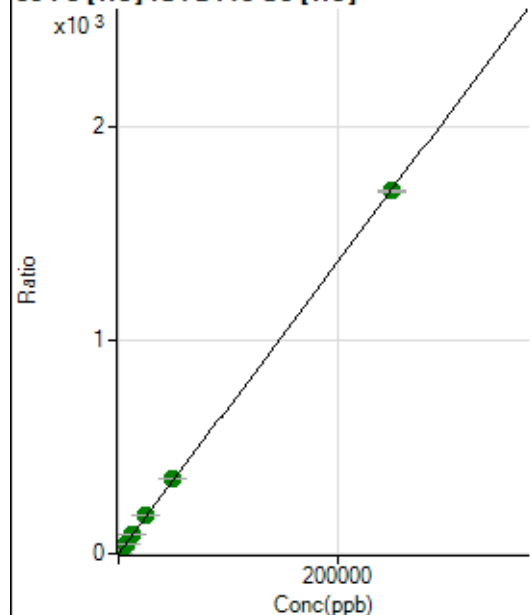
$$R = 1.0000$$

$$DL = 0.05577$$

$$BEC = 0.1121$$

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	6698.01	0.0130	P	2.7
2	☐	5.000					
3	☐	50.000	52.795	179888.29	0.3735	P	0.4
4	☐	2500.000	2640.534	9149266.53	18.0437	A	0.7
5	☐	6250.000	6627.119	22390136.84	45.2659	A	1.5
6	☐	12500.000	13239.590	44383465.34	90.4187	A	0.2
7	☐	25000.000	26106.373	90334590.91	178.2787	A	0.5
8	☐	50000.000	51896.535	186340891.2	354.3851	A	0.1
9	☐	250000.00	249462.24	902152190.5	1,703.449	A	0.3

$$y = 0.0068 * x + 0.0130$$

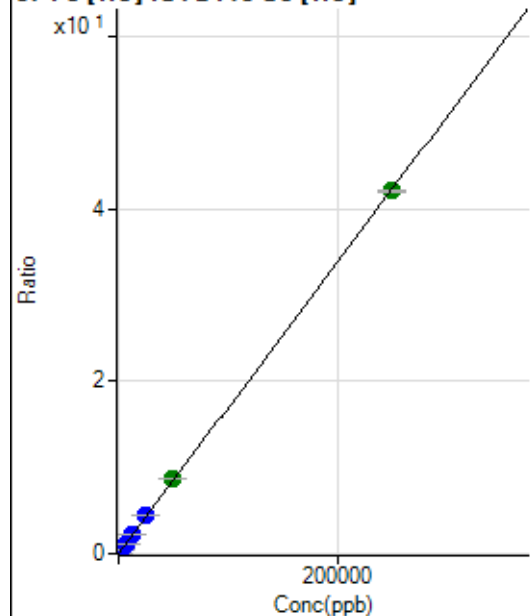
$$R = 1.0000$$

$$DL = 0.1553$$

$$BEC = 1.908$$

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	301.86	0.0006	P	12.0
2	☐	5.000					
3	☐	50.000	54.981	4756.46	0.0099	P	3.1
4	☐	2500.000	2681.340	230009.05	0.4536	P	0.4
5	☐	6250.000	6737.764	563388.59	1.1390	P	1.2
6	☐	12500.000	13357.591	1108096.54	2.2574	P	0.3
7	☐	25000.000	26350.978	2256194.90	4.4527	P	0.7
8	☐	50000.000	52085.043	4627450.97	8.8006	A	0.3
9	☐	250000.00	249391.00	22315817.40	42.1363	A	0.4

$$y = 1.6895E-004 * x + 5.8731E-004$$

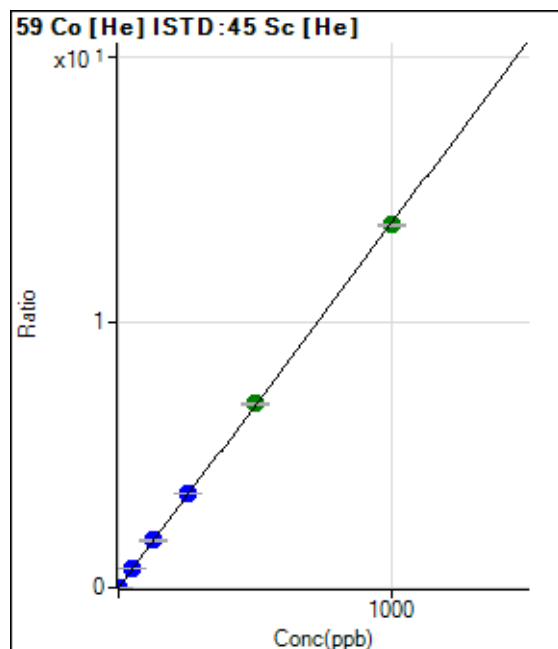
$$R = 1.0000$$

$$DL = 1.247$$

$$BEC = 3.476$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.00	0.0002	P	5.9
2	☐	0.100					
3	☐	1.000	1.037	6962.88	0.0145	P	2.4
4	☐	50.000	52.013	362225.76	0.7144	P	1.6
5	☐	125.000	129.577	880168.14	1.7794	P	1.5
6	☐	250.000	256.684	1730127.60	3.5247	P	0.6
7	☐	500.000	504.499	3510149.25	6.9275	A	0.9
8	☐	1000.000	995.407	7186819.47	13.6681	A	0.5
9	☐			85641.42	0.1617	P	1.4

$$y = 0.0137 * x + 2.1399E-004$$

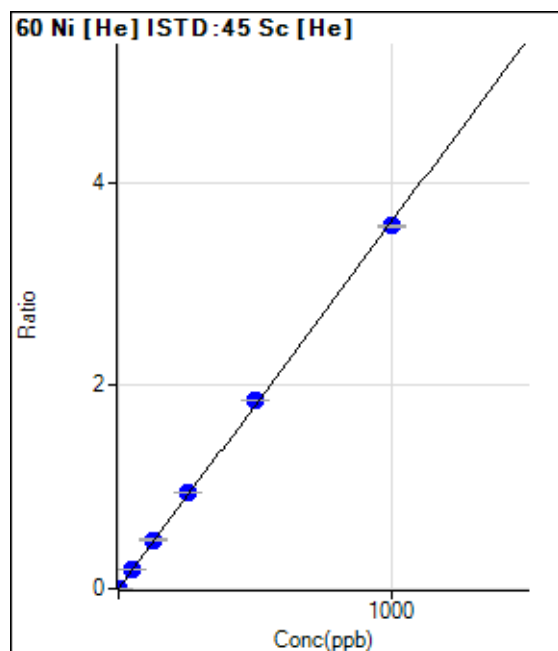
$$R = 1.0000$$

$$DL = 0.002749$$

$$BEC = 0.01558$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.01	0.0004	P	13.0
2	☐	0.100					
3	☐	1.000	1.045	1987.94	0.0041	P	3.3
4	☐	50.000	53.604	98423.09	0.1941	P	0.9
5	☐	125.000	133.446	238775.81	0.4827	P	1.0
6	☐	250.000	263.321	467373.86	0.9522	P	0.5
7	☐	500.000	513.147	940024.94	1.8552	P	0.5
8	☐	1000.000	988.860	1879592.46	3.5747	P	0.6
9	☐			60165.13	0.1136	P	1.9

$$y = 0.0036 * x + 3.5023E-004$$

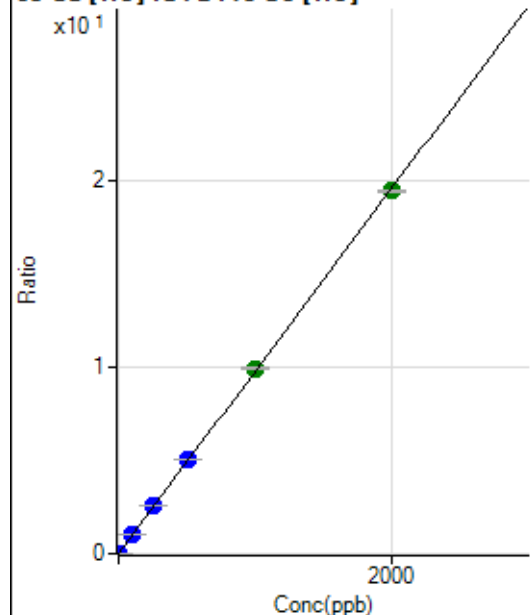
$$R = 0.9998$$

$$DL = 0.0377$$

$$BEC = 0.09689$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	935.60	0.0018	P	4.0
2	☐	0.200					
3	☐	2.000	2.071	10655.17	0.0221	P	1.8
4	☐	100.000	105.413	525034.30	1.0355	P	0.7
5	☐	250.000	261.558	1269498.57	2.5665	P	1.5
6	☐	500.000	514.619	2477869.97	5.0479	P	0.6
7	☐	1000.000	1013.965	5038724.23	9.9443	A	1.1
8	☐	2000.000	1987.647	10249028.74	19.4918	A	0.6
9	☐			23435.61	0.0443	P	0.7

$$y = 0.0098 * x + 0.0018$$

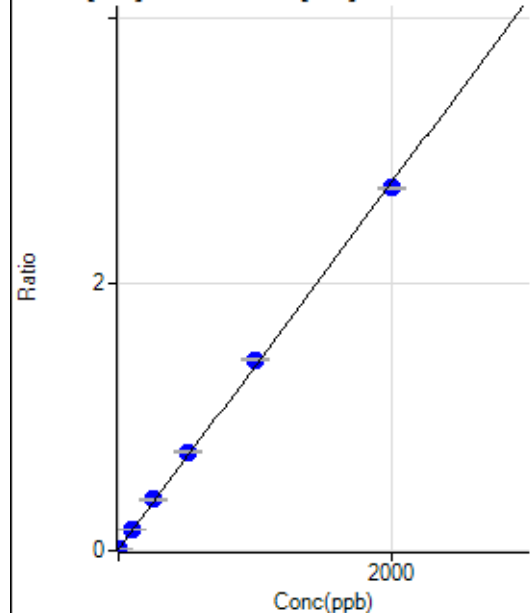
$$R = 0.9999$$

$$DL = 0.0225$$

$$BEC = 0.1856$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5428.87	0.0106	P	4.2
2	☐	0.200					
3	☐	2.000	-2.084	3706.08	0.0077	P	2.0
4	☐	100.000	104.613	78302.91	0.1544	P	1.0
5	☐	250.000	271.817	190122.54	0.3844	P	1.5
6	☐	500.000	532.305	364506.99	0.7426	P	0.8
7	☐	1000.000	1034.993	726573.59	1.4339	P	0.3
8	☐	2000.000	1971.473	1431136.39	2.7218	P	0.4
9	☐			12047.35	0.0227	P	1.4

$$y = 0.0014 * x + 0.0106$$

$$R = 0.9996$$

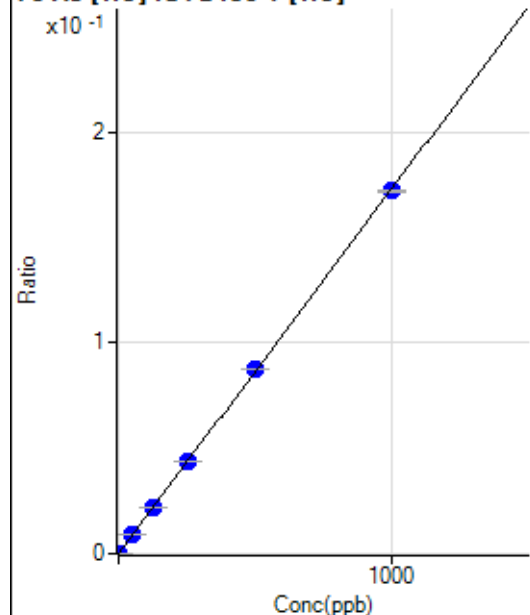
$$DL = 0.9785$$

$$BEC = 7.68$$

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	22.22	0.0000	P	33.1
2	☐	0.100					
3	☐	1.000	1.014	458.65	0.0002	P	13.6
4	☐	50.000	51.681	23587.68	0.0090	P	2.0
5	☐	125.000	128.491	57575.06	0.0222	P	1.0
6	☐	250.000	254.600	113674.89	0.0441	P	0.2
7	☐	500.000	506.077	233165.86	0.0876	P	0.4
8	☐	1000.000	995.291	474706.07	0.1723	P	0.8
9	☐			801.26	0.0003	P	2.9

$$y = 1.7310\text{E-}004 * x + 8.3505\text{E-}006$$

$$R = 1.0000$$

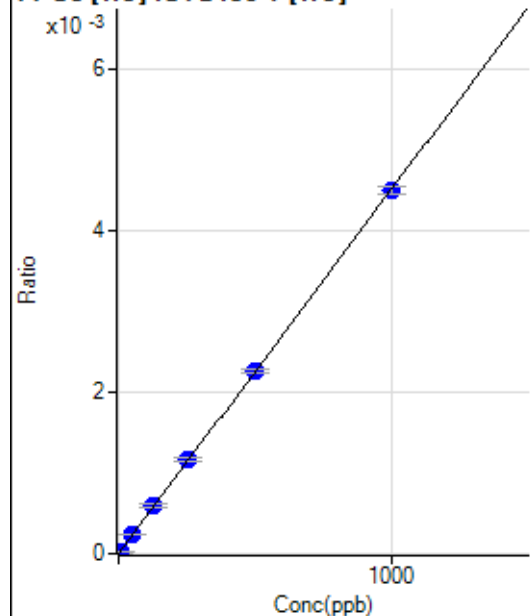
$$DL = 0.04794$$

$$BEC = 0.04824$$

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	86.6
2	☐	0.500					
3	☐	5.000	4.757	55.56	0.0000	P	15.6
4	☐	50.000	51.867	617.80	0.0002	P	6.8
5	☐	125.000	131.878	1540.10	0.0006	P	5.2
6	☐	250.000	259.854	3022.60	0.0012	P	3.7
7	☐	500.000	501.856	6022.46	0.0023	P	2.1
8	☐	1000.000	995.657	12368.77	0.0045	P	2.3
9	☐			10.00	0.0000	P	89.8

$$y = 4.5074\text{E-}006 * x + 8.3501\text{E-}007$$

$$R = 0.9999$$

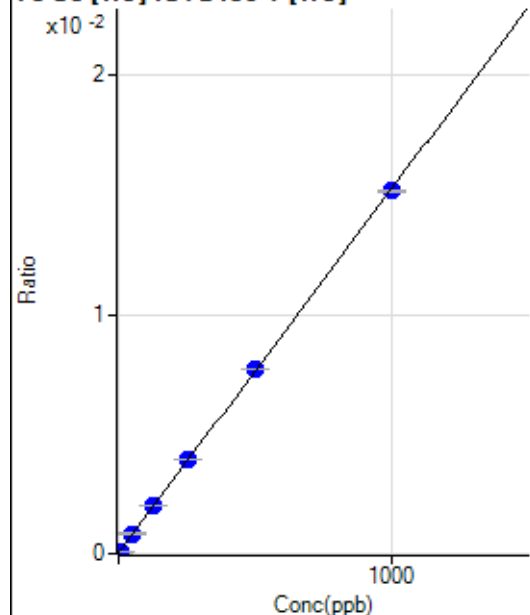
$$DL = 0.4813$$

$$BEC = 0.1853$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.83	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	5.374	291.98	0.0001	P	1.4
4	☐	50.000	52.934	2213.15	0.0008	P	6.0
5	☐	125.000	130.894	5242.35	0.0020	P	2.3
6	☐	250.000	258.149	10216.01	0.0040	P	0.8
7	☐	500.000	504.548	20517.06	0.0077	P	0.3
8	☐	1000.000	994.803	41784.72	0.0152	P	0.8
9	☐			129.01	0.0000	P	8.0

$$y = 1.5209\text{E-}005 * x + 3.5263\text{E-}005$$

$$R = 0.9999$$

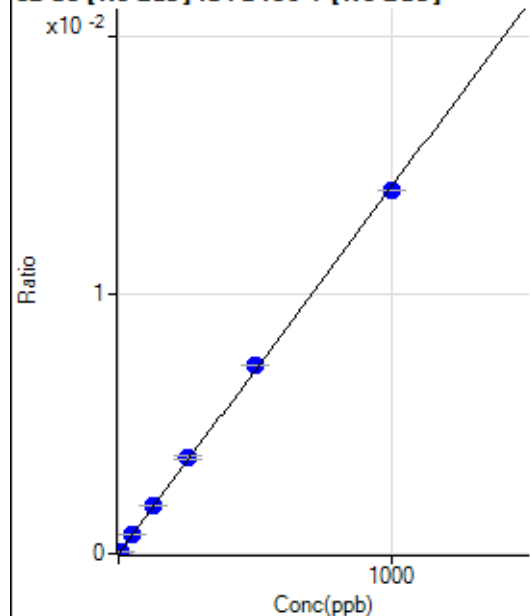
$$DL = 0.9681$$

$$BEC = 2.319$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.15	0.0000	P	147.
2	☐	0.500					
3	☐	5.000	5.201	1226.49	0.0001	P	7.9
4	☐	50.000	53.423	13244.29	0.0008	P	1.3
5	☐	125.000	132.772	33029.40	0.0019	P	0.9
6	☐	250.000	263.050	64170.44	0.0037	P	4.1
7	☐	500.000	513.600	128420.10	0.0073	P	0.0
8	☐	1000.000	988.794	258025.84	0.0140	P	0.1
9	☐			293.43	0.0000	P	9.5

$$y = 1.4182\text{E-}005 * x + 6.3972\text{E-}007$$

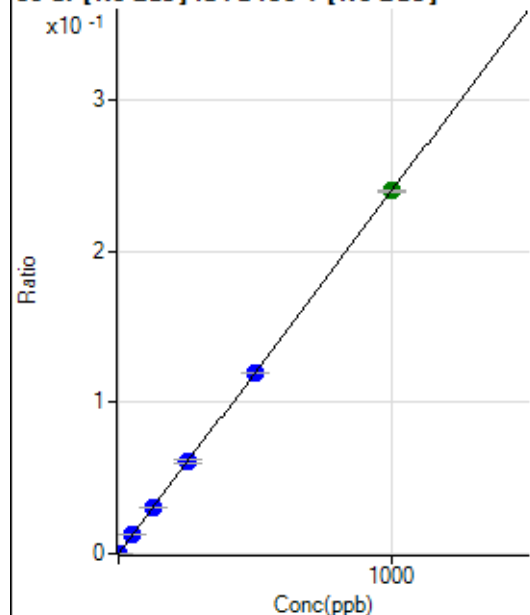
$$R = 0.9998$$

$$DL = 0.2002$$

$$BEC = 0.04511$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1097.31	0.0001	P	5.9
2	☐	0.100					
3	☐	1.000	1.043	5162.26	0.0003	P	5.7
4	☐	50.000	50.412	212361.85	0.0122	P	0.8
5	☐	125.000	126.189	532001.12	0.0303	P	0.9
6	☐	250.000	252.142	1041571.78	0.0606	P	3.9
7	☐	500.000	497.502	2105432.45	0.1194	P	0.4
8	☐	1000.000	1000.544	4418146.76	0.2401	A	0.3
9	☐			21400.01	0.0013	P	1.4

$$y = 2.3993\text{E-}004 * x + 6.2781\text{E-}005$$

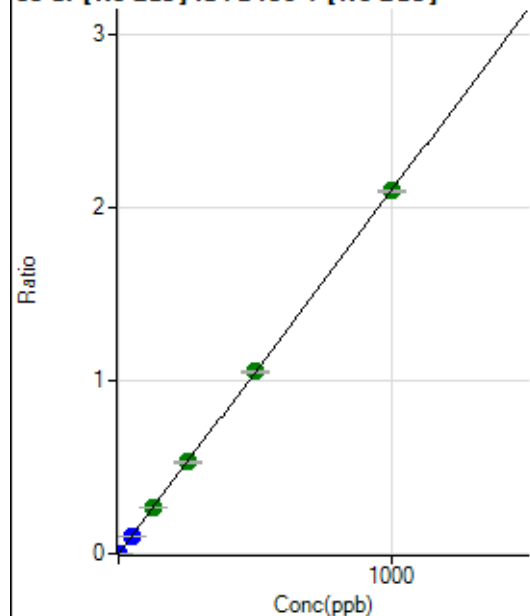
$$R = 1.0000$$

$$DL = 0.04639$$

$$BEC = 0.2617$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.01	0.0000	P	10.4
2	☐	0.100					
3	☐	1.000	0.983	34289.15	0.0021	P	2.4
4	☐	50.000	49.722	1821942.01	0.1043	P	0.4
5	☐	125.000	125.190	4604933.13	0.2626	A	0.5
6	☐	250.000	252.049	9093802.20	0.5287	A	3.7
7	☐	500.000	500.863	18521362.56	1.0506	A	0.4
8	☐	1000.000	999.046	38557674.82	2.0955	A	0.2
9	☐			177543.97	0.0106	P	0.4

$$y = 0.0021 * x + 1.7168\text{E-}005$$

$$R = 1.0000$$

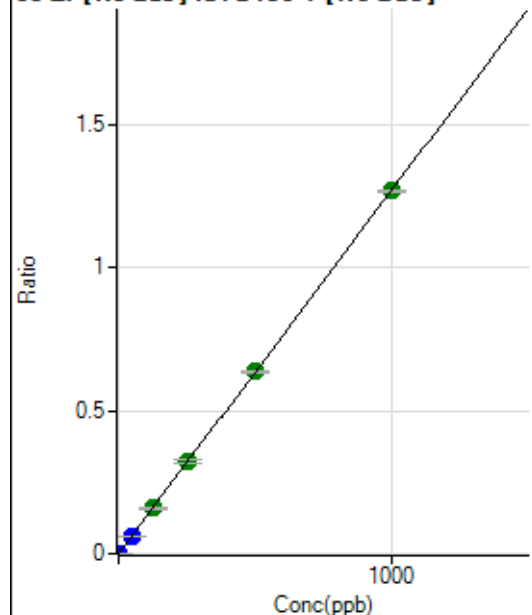
$$DL = 0.002558$$

$$BEC = 0.008185$$

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	1480.70	0.0001	P	7.6
2	☐	0.100					
3	☐	1.000	0.998	22301.52	0.0014	P	2.2
4	☐	50.000	49.688	1104184.11	0.0632	P	0.8
5	☐	125.000	124.709	2780006.23	0.1585	A	0.8
6	☐	250.000	252.500	5519937.88	0.3209	A	3.5
7	☐	500.000	501.208	11228348.69	0.6369	A	0.6
8	☐	1000.000	998.823	23352222.57	1.2692	A	0.5
9	☐			6826.91	0.0004	P	2.1

$$y = 0.0013 * x + 8.4709E-005$$

$$R = 1.0000$$

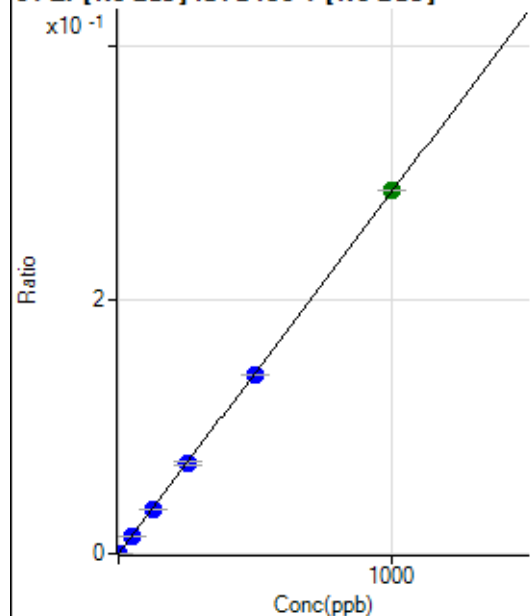
$$DL = 0.0152$$

$$BEC = 0.06667$$

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	355.58	0.0000	P	16.0
2	☐	0.100					
3	☐	1.000	0.970	4889.93	0.0003	P	1.9
4	☐	50.000	49.593	247133.81	0.0141	P	0.8
5	☐	125.000	123.875	619199.88	0.0353	P	0.3
6	☐	250.000	249.943	1225138.48	0.0712	P	3.6
7	☐	500.000	493.352	2478244.70	0.1406	P	0.2
8	☐	1000.000	1003.499	5260634.06	0.2859	A	0.2
9	☐			1655.74	0.0001	P	9.4

$$y = 2.8489E-004 * x + 2.0350E-005$$

$$R = 1.0000$$

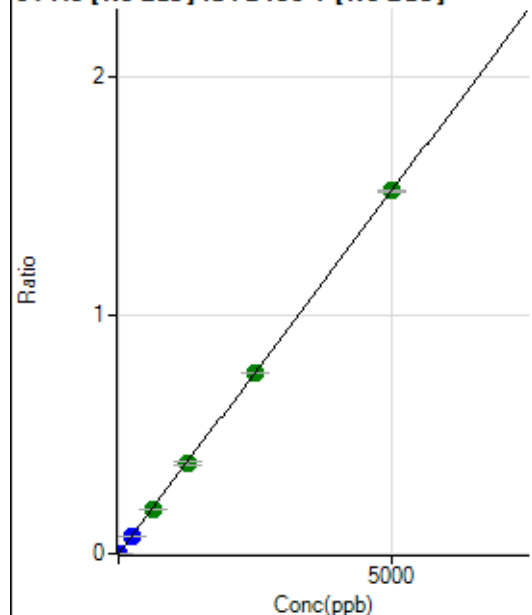
$$DL = 0.03432$$

$$BEC = 0.07143$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	575.04	0.0000	P	9.5
2	☐	0.500					
3	☐	5.000	4.941	25300.92	0.0015	P	2.7
4	☐	250.000	249.468	1324943.90	0.0759	P	0.5
5	☐	625.000	620.528	3307768.56	0.1886	A	0.7
6	☐	1250.000	1251.625	6544155.96	0.3804	A	3.5
7	☐	2500.000	2498.300	13387220.00	0.7594	A	0.2
8	☐	5000.000	5001.029	27968250.97	1.5200	A	0.3
9	☐			41622.59	0.0025	P	3.1

$$y = 3.0394\text{E-}004 * x + 3.2905\text{E-}005$$

$$R = 1.0000$$

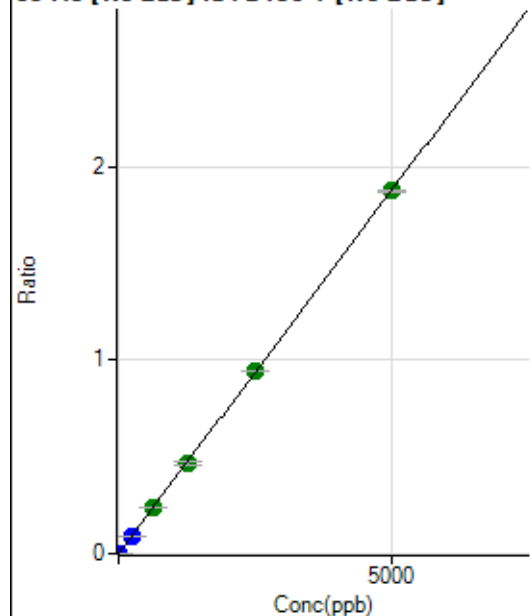
$$DL = 0.03072$$

$$BEC = 0.1083$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	19.7
2	☐	0.500					
3	☐	5.000	4.911	30561.32	0.0019	P	2.9
4	☐	250.000	247.856	1625803.33	0.0931	P	0.7
5	☐	625.000	624.404	4111650.61	0.2345	A	0.4
6	☐	1250.000	1252.885	8092791.93	0.4705	A	3.5
7	☐	2500.000	2507.128	16597631.45	0.9414	A	0.3
8	☐	5000.000	4995.897	34517667.09	1.8760	A	0.4
9	☐			67984.81	0.0040	P	3.9

$$y = 3.7550\text{E-}004 * x + 9.6917\text{E-}006$$

$$R = 1.0000$$

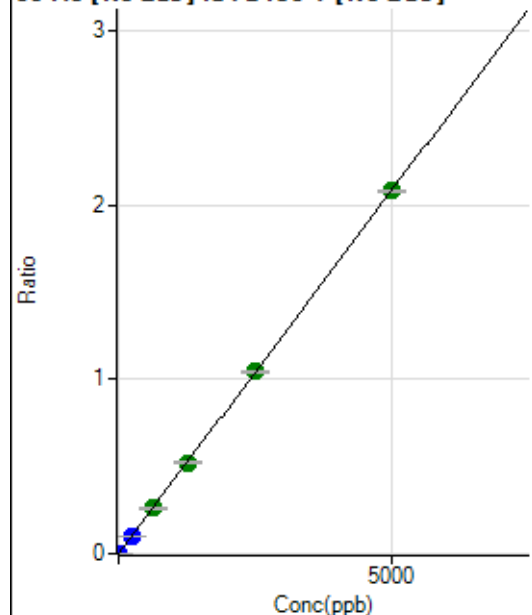
$$DL = 0.01522$$

$$BEC = 0.02581$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.23	0.0000	P	6.9
2	☐	0.500					
3	☐	5.000	4.815	33256.39	0.0020	P	2.1
4	☐	250.000	245.389	1783469.25	0.1021	P	0.9
5	☐	625.000	624.543	4556608.09	0.2599	A	0.8
6	☐	1250.000	1256.526	8992606.80	0.5228	A	3.5
7	☐	2500.000	2503.029	18359389.82	1.0414	A	0.1
8	☐	5000.000	4997.142	38254023.08	2.0791	A	0.5
9	☐			82871.43	0.0049	P	3.2

$$y = 4.1605E-004 * x + 1.4143E-005$$

$$R = 1.0000$$

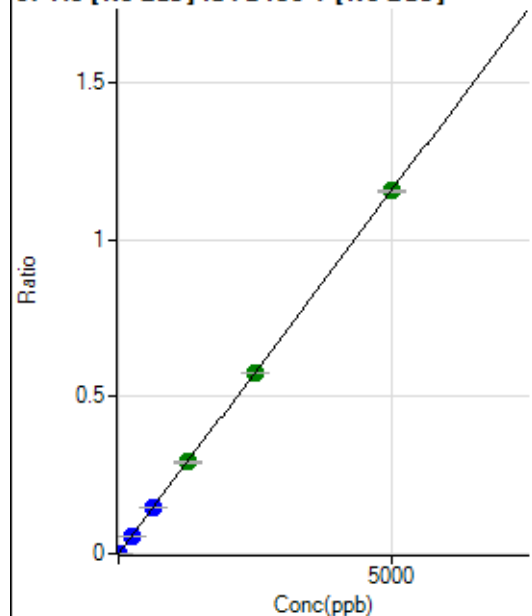
$$DL = 0.007044$$

$$BEC = 0.03399$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	31.1
2	☐	0.500					
3	☐	5.000	4.939	18924.31	0.0011	P	3.0
4	☐	250.000	250.469	1011357.58	0.0579	P	0.8
5	☐	625.000	623.996	2529374.56	0.1442	P	0.4
6	☐	1250.000	1261.535	5016151.98	0.2916	A	3.4
7	☐	2500.000	2499.670	10186559.00	0.5778	A	0.2
8	☐	5000.000	4997.383	21254497.18	1.1552	A	0.4
9	☐			41948.78	0.0025	P	1.9

$$y = 2.3115E-004 * x + 6.3556E-006$$

$$R = 1.0000$$

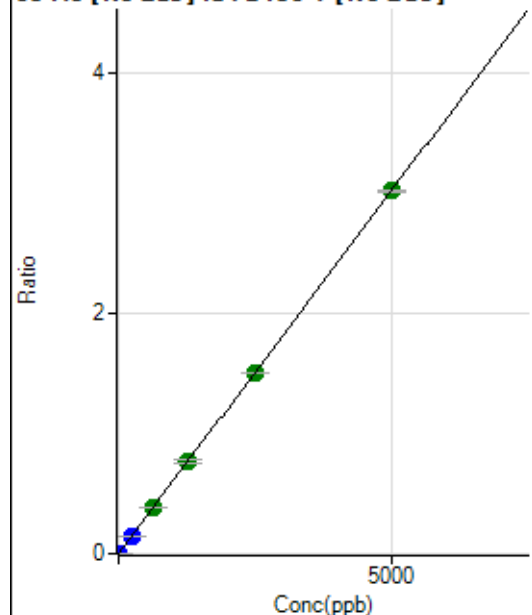
$$DL = 0.02562$$

$$BEC = 0.0275$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.24	0.0000	P	7.4
2	☐	0.500					
3	☐	5.000	4.899	48982.29	0.0030	P	1.9
4	☐	250.000	247.078	2605193.40	0.1492	P	0.5
5	☐	625.000	623.920	6604177.58	0.3766	A	0.3
6	☐	1250.000	1263.280	13115893.87	0.7625	A	3.7
7	☐	2500.000	2498.544	26588137.57	1.5082	A	0.3
8	☐	5000.000	4997.689	55505464.44	3.0167	A	0.4
9	☐			108069.30	0.0064	P	3.3

$$y = 6.0361\text{E-}004 * x + 1.4141\text{E-}005$$

$$R = 1.0000$$

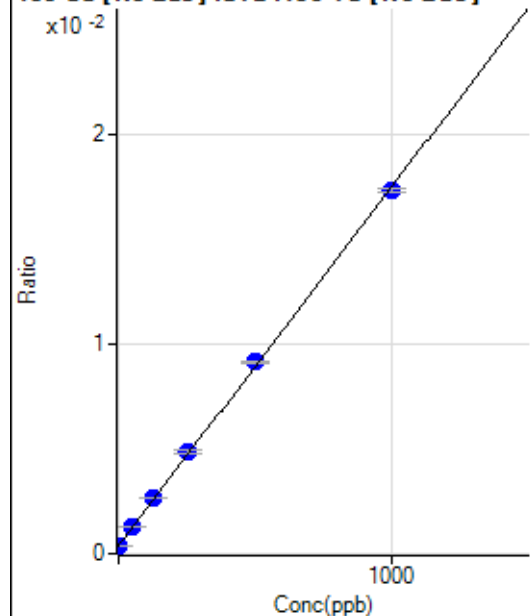
$$DL = 0.005203$$

$$BEC = 0.02343$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8119.32	0.0004	P	2.9
2	☐	0.100					
3	☐	1.000	0.573	7805.27	0.0004	P	1.2
4	☐	50.000	52.902	27391.46	0.0013	P	0.5
5	☐	125.000	133.635	57035.10	0.0027	P	0.6
6	☐	250.000	261.175	103109.40	0.0048	P	3.7
7	☐	500.000	512.772	198786.75	0.0091	P	1.3
8	☐	1000.000	989.596	390077.53	0.0173	P	1.1
9	☐			7813.59	0.0004	P	2.1

$$y = 1.7082\text{E-}005 * x + 3.8393\text{E-}004$$

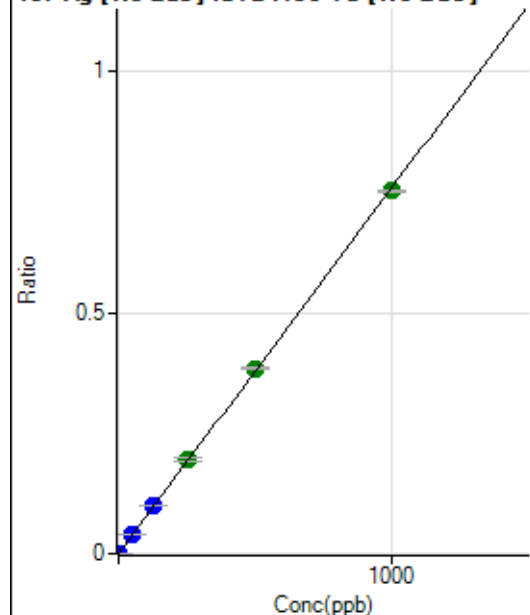
$$R = 0.9998$$

$$DL = 1.971$$

$$BEC = 22.48$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	6.6
2	☐	0.100					
3	☐	1.000	1.066	16148.72	0.0008	P	1.5
4	☐	50.000	53.007	854895.77	0.0402	P	0.3
5	☐	125.000	131.893	2138474.31	0.1000	P	0.5
6	☐	250.000	258.838	4175288.59	0.1962	A	3.9
7	☐	500.000	507.767	8368546.80	0.3849	A	0.4
8	☐	1000.000	992.895	16982283.02	0.7526	A	0.9
9	☐			2605.90	0.0001	P	5.6

$$y = 7.5801\text{E-}004 * x + 6.3057\text{E-}006$$

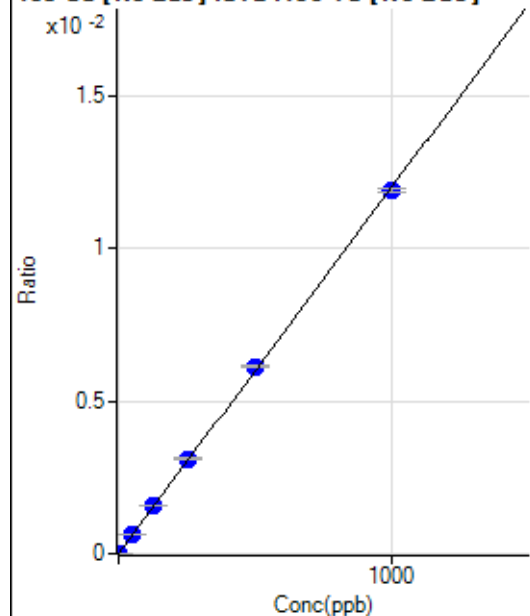
$$R = 0.9999$$

$$DL = 0.001641$$

$$BEC = 0.008319$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.39	0.0000	P	48.3
2	☐	0.100					
3	☐	1.000	1.124	291.68	0.0000	P	8.9
4	☐	50.000	53.215	13588.71	0.0006	P	2.9
5	☐	125.000	133.220	34162.24	0.0016	P	0.5
6	☐	250.000	259.111	66092.36	0.0031	P	3.3
7	☐	500.000	510.956	133113.67	0.0061	P	0.5
8	☐	1000.000	991.056	267919.15	0.0119	P	1.2
9	☐			100.00	0.0000	P	10.8

$$y = 1.1980\text{E-}005 * x + 1.2486\text{E-}006$$

$$R = 0.9998$$

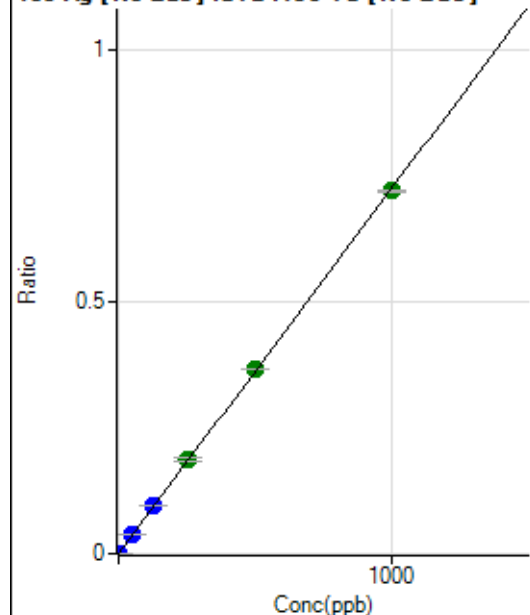
$$DL = 0.1511$$

$$BEC = 0.1042$$

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	50.00	0.0000	P	49.9
2	☐	0.100					
3	☐	1.000	1.072	15467.38	0.0008	P	3.0
4	☐	50.000	53.063	819064.00	0.0385	P	0.5
5	☐	125.000	131.617	2042507.42	0.0955	P	0.5
6	☐	250.000	258.029	3983375.31	0.1872	A	4.3
7	☐	500.000	505.768	7977929.17	0.3670	A	0.7
8	☐	1000.000	994.128	16275051.06	0.7213	A	0.6
9	☐			2636.48	0.0001	P	12.2

$$y = 7.2554\text{E-}004 * x + 2.3627\text{E-}006$$

$$R = 0.9999$$

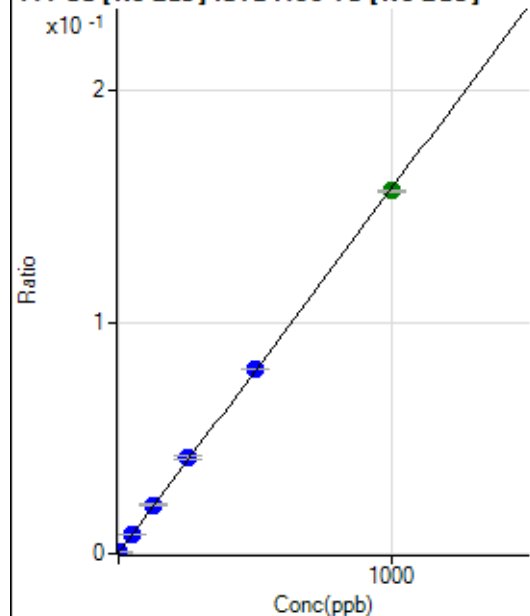
$$DL = 0.004877$$

$$BEC = 0.003257$$

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	5674.77	0.0003	P	2.6
2	☐	0.100					
3	☐	1.000	1.007	8464.11	0.0004	P	1.1
4	☐	50.000	53.365	184559.69	0.0087	P	0.4
5	☐	125.000	132.765	453106.71	0.0212	P	0.8
6	☐	250.000	260.584	879376.47	0.0413	P	3.7
7	☐	500.000	505.671	1737868.59	0.0799	P	0.5
8	☐	1000.000	993.380	3537372.63	0.1568	A	0.7
9	☐			6395.40	0.0003	P	2.0

$$y = 1.5755\text{E-}004 * x + 2.6833\text{E-}004$$

$$R = 0.9999$$

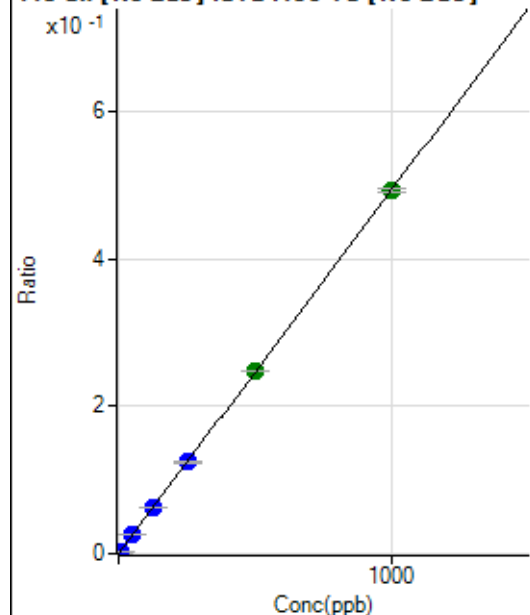
$$DL = 0.1344$$

$$BEC = 1.703$$

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	1866.88	0.0001	P	10.5
2	☐	0.500					
3	☐	5.000	4.983	50419.18	0.0025	P	1.0
4	☐	50.000	50.916	535516.46	0.0252	P	0.3
5	☐	125.000	128.089	1351613.65	0.0632	P	0.9
6	☐	250.000	251.273	2636311.62	0.1239	P	3.8
7	☐	500.000	502.614	5385667.57	0.2477	A	0.6
8	☐	1000.000	997.943	11095660.58	0.4918	A	1.1
9	☐			50420.10	0.0025	P	0.5

$$y = 4.9268\text{E-}004 * x + 8.8258\text{E-}005$$

$$R = 1.0000$$

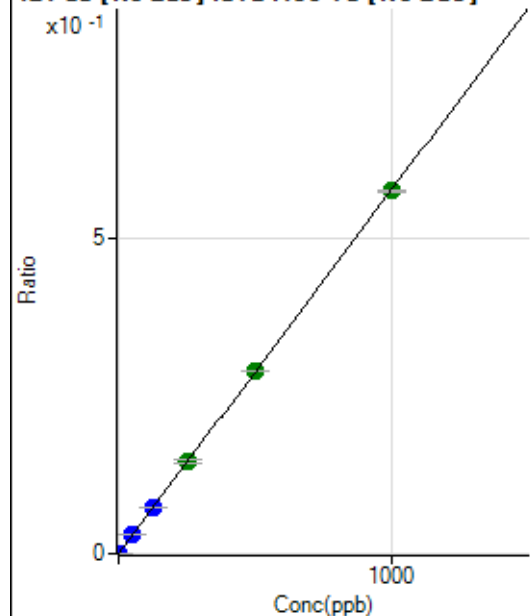
$$DL = 0.05639$$

$$BEC = 0.1791$$

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	169.45	0.0000	P	47.2
2	☐	0.200					
3	☐	2.000	2.011	23183.99	0.0012	P	1.8
4	☐	50.000	50.839	624848.24	0.0294	P	0.4
5	☐	125.000	127.676	1577469.64	0.0738	P	0.5
6	☐	250.000	254.937	3133632.28	0.1473	A	3.9
7	☐	500.000	501.952	6303509.91	0.2899	A	0.8
8	☐	1000.000	997.413	12999377.81	0.5761	A	0.7
9	☐			19881.35	0.0010	P	1.5

$$y = 5.7760\text{E-}004 * x + 8.0068\text{E-}006$$

$$R = 1.0000$$

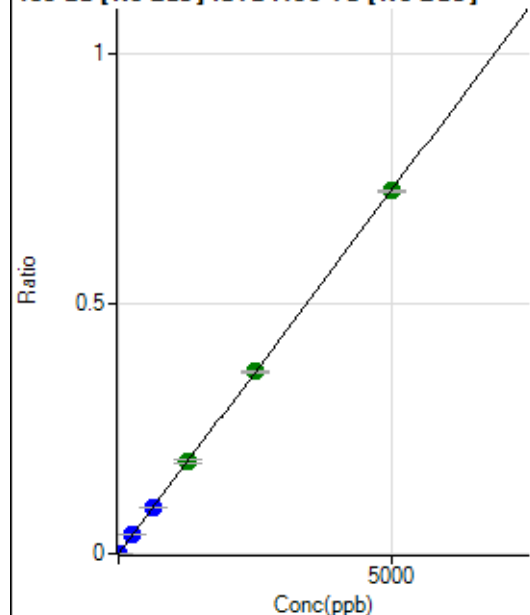
$$DL = 0.01961$$

$$BEC = 0.01386$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	22.3
2	☐	1.000					
3	☐	10.000	9.907	28641.40	0.0014	P	1.5
4	☐	250.000	252.345	781004.91	0.0367	P	0.4
5	☐	625.000	634.432	1974044.77	0.0923	P	0.6
6	☐	1250.000	1264.909	3915361.50	0.1840	A	4.3
7	☐	2500.000	2507.790	7931506.43	0.3648	A	0.7
8	☐	5000.000	4991.081	16382958.00	0.7261	A	0.7
9	☐			3770.12	0.0002	P	1.2

$$y = 1.4547\text{E-}004 * x + 3.5472\text{E-}006$$

$$R = 1.0000$$

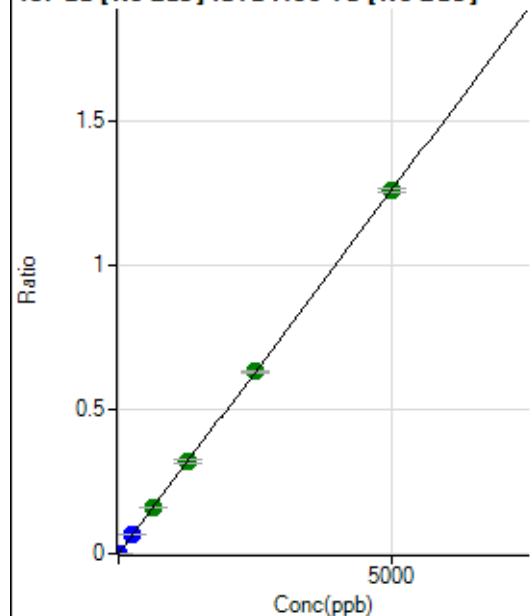
$$DL = 0.01633$$

$$BEC = 0.02438$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	7.5
2	☐	1.000					
3	☐	10.000	9.850	49368.98	0.0025	P	1.9
4	☐	250.000	254.723	1367174.40	0.0643	P	0.3
5	☐	625.000	630.694	3403277.94	0.1591	A	0.2
6	☐	1250.000	1262.610	6778155.96	0.3185	A	4.0
7	☐	2500.000	2507.241	13751733.47	0.6325	A	0.9
8	☐	5000.000	4992.279	28418475.64	1.2595	A	0.9
9	☐			6724.18	0.0003	P	2.1

$$y = 2.5228\text{E-}004 * x + 5.1224\text{E-}006$$

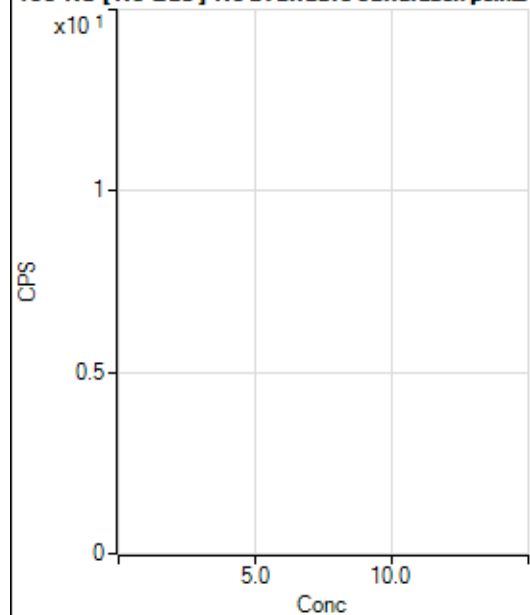
$$R = 1.0000$$

$$DL = 0.004594$$

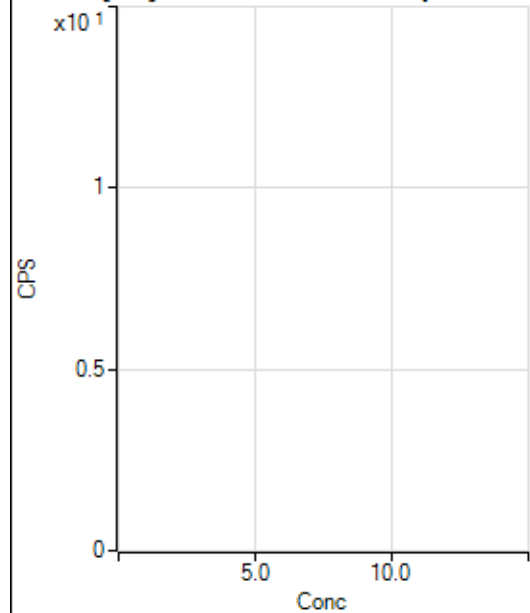
$$BEC = 0.0203$$

Weight: <None>

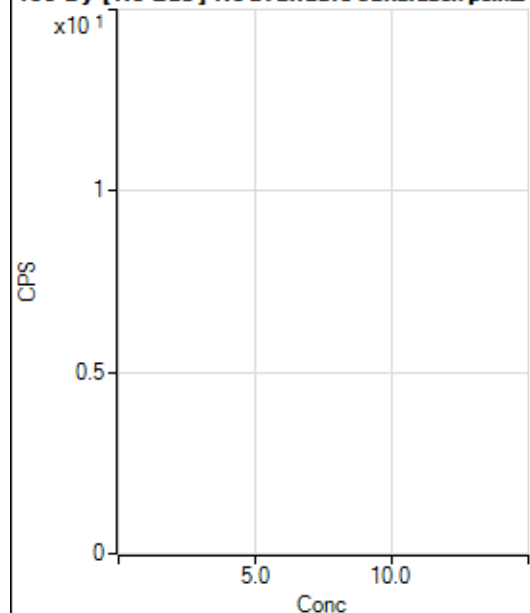
Min Conc: 0

150 Nd [No Gas] No available calibration points

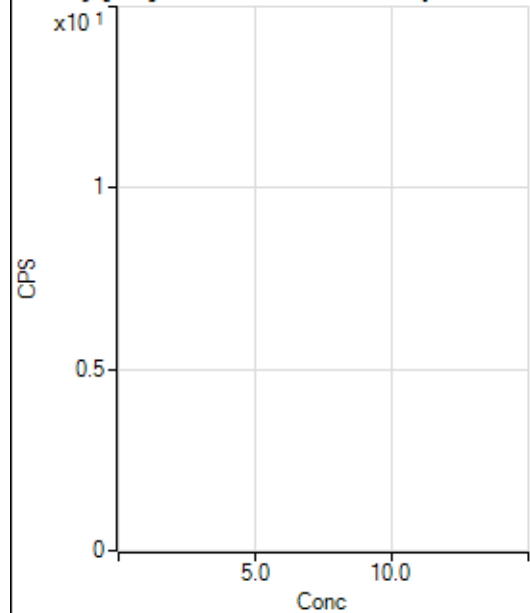
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			11.11		P	69.3
4	☐			66.67		P	30.0
5	☐			157.79		P	23.3
6	☐			240.01		P	14.7
7	☐			584.48		P	7.4
8	☐			1020.07		P	11.5
9	☐			180.01		P	35.7

150 Nd [He] No available calibration points

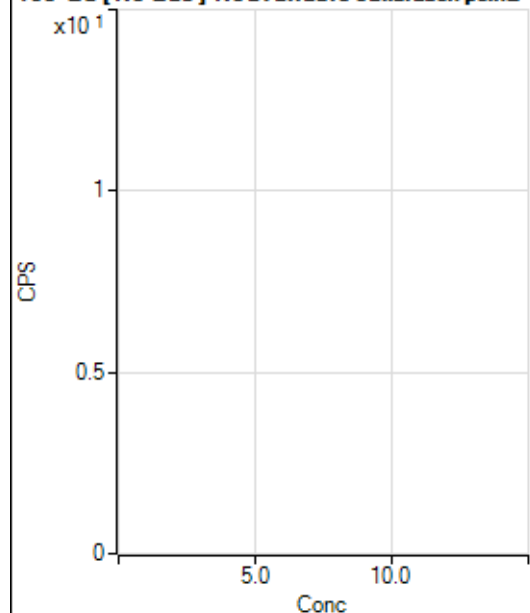
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			12.22		P	41.7
6	☐			26.67		P	12.5
7	☐			54.45		P	24.7
8	☐			104.45		P	4.9
9	☐			86.67		P	10.2

156 Dy [No Gas] No available calibration points

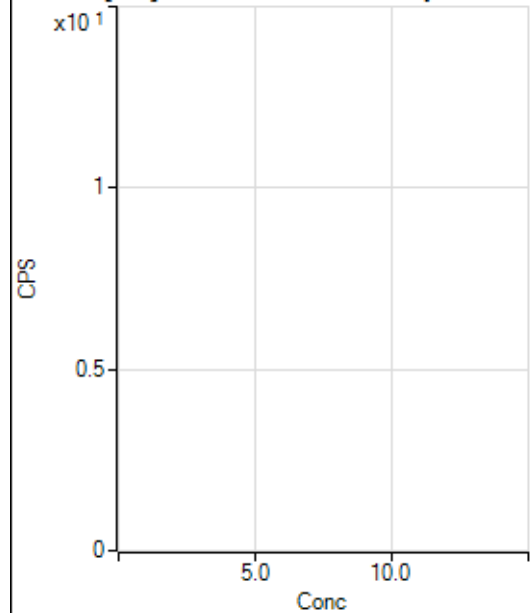
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	173.
2	☐						
3	☐			11.11		P	114.
4	☐			25.00		P	88.2
5	☐			38.89		P	32.7
6	☐			80.56		P	21.5
7	☐			138.90		P	22.7
8	☐			213.90		P	26.5
9	☐			125.01		P	24.0

156 Dy [He] No available calibration points

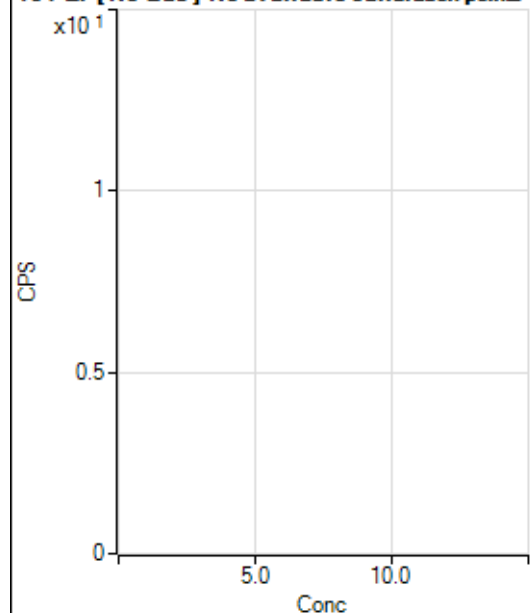
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			4.44		P	43.4
4	☐			15.55		P	44.6
5	☐			18.89		P	27.0
6	☐			47.78		P	4.0
7	☐			118.89		P	18.0
8	☐			210.01		P	14.1
9	☐			72.22		P	11.6

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

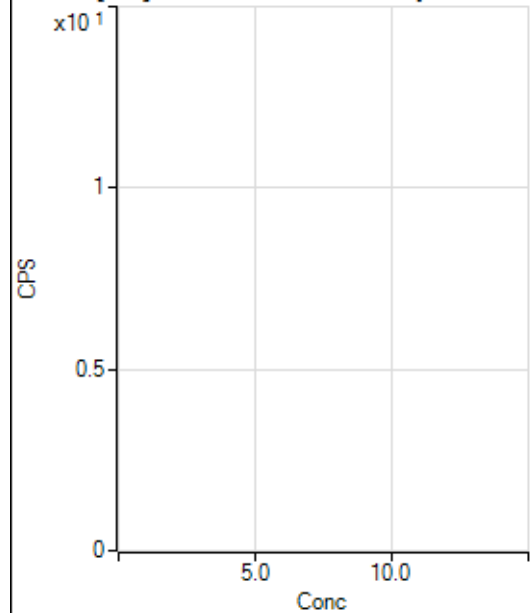
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			183.34		P	38.8
2	☐						
3	☐			208.35		P	14.4
4	☐			225.01		P	13.4
5	☐			194.45		P	8.9
6	☐			183.34		P	37.2
7	☐			258.35		P	19.6
8	☐			261.13		P	11.2
9	☐			280.57		P	9.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			321.12		P	5.3
2	☐						
3	☐			295.57		P	8.0
4	☐			276.67		P	7.3
5	☐			310.01		P	11.3
6	☐			284.45		P	4.1
7	☐			262.23		P	23.7
8	☐			318.90		P	0.6
9	☐			364.45		P	8.6

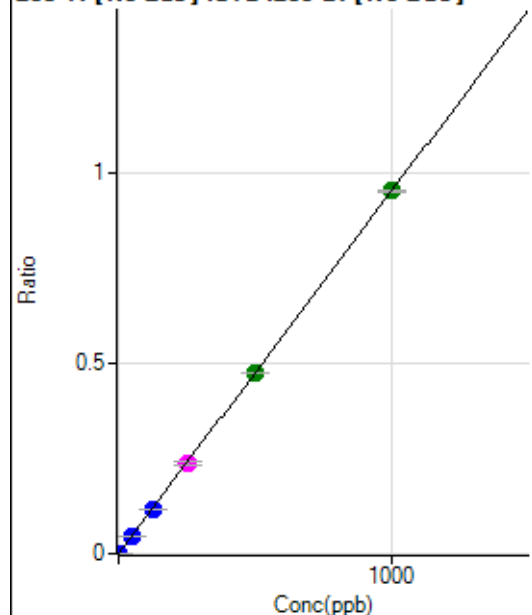
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	45.8
2	☐						
3	☐			72.23		P	13.3
4	☐			63.89		P	27.2
5	☐			63.89		P	19.9
6	☐			66.67		P	21.7
7	☐			66.67		P	12.5
8	☐			116.67		P	55.8
9	☐			66.67		P	21.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	27.7
2	☐						
3	☐			48.89		P	33.6
4	☐			30.00		P	67.6
5	☐			32.22		P	31.6
6	☐			38.89		P	44.0
7	☐			43.33		P	33.5
8	☐			51.11		P	16.4
9	☐			55.56		P	27.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	19.6
2	☐	0.100					
3	☐	1.000	0.957	11602.73	0.0009	P	3.4
4	☐	50.000	49.131	625155.67	0.0468	P	0.8
5	☐	125.000	124.121	1599567.01	0.1183	P	0.1
6	☐	250.000	248.828	3165924.87	0.2372	M	5.2
7	☐	500.000	498.682	6391727.66	0.4753	A	0.7
8	☐	1000.000	1001.106	12865558.28	0.9541	A	0.3
9	☐			7132.78	0.0006	P	4.7

$$y = 9.5304\text{E-}004 * x + 9.6159\text{E-}006$$

$$R = 1.0000$$

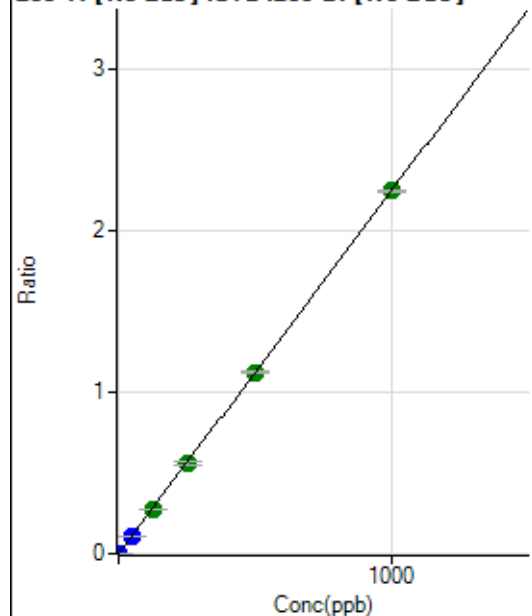
$$DL = 0.005928$$

$$BEC = 0.01009$$

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	222.23	0.0000	P	22.0
2	☐	0.100					
3	☐	1.000	0.990	28219.74	0.0022	P	0.8
4	☐	50.000	49.837	1495554.37	0.1120	P	0.2
5	☐	125.000	123.781	3761999.78	0.2782	A	0.2
6	☐	250.000	250.868	7528663.19	0.5639	A	4.7
7	☐	500.000	500.454	15127770.83	1.1249	A	0.6
8	☐	1000.000	999.716	30299397.21	2.2470	A	0.6
9	☐			16758.41	0.0015	P	5.5

$$y = 0.0022 * x + 1.6718\text{E-}005$$

$$R = 1.0000$$

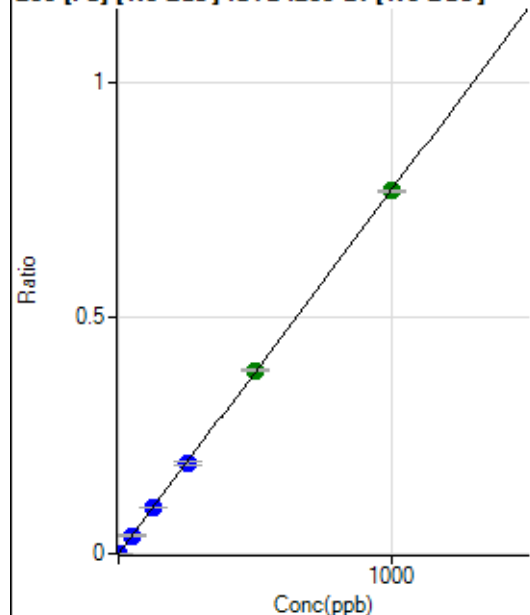
$$DL = 0.004918$$

$$BEC = 0.007438$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	572.26	0.0000	P	10.6
2	☐	0.100					
3	☐	1.000	0.969	9937.30	0.0008	P	3.0
4	☐	50.000	50.060	515379.30	0.0386	P	0.8
5	☐	125.000	125.632	1309299.71	0.0968	P	0.5
6	☐	250.000	249.848	2570930.18	0.1925	P	4.3
7	☐	500.000	504.207	5224751.45	0.3885	A	0.3
8	☐	1000.000	997.853	10366932.87	0.7688	A	0.5
9	☐			58621.77	0.0053	P	0.9

$$y = 7.7042\text{E-}004 * x + 4.3102\text{E-}005$$

$$R = 1.0000$$

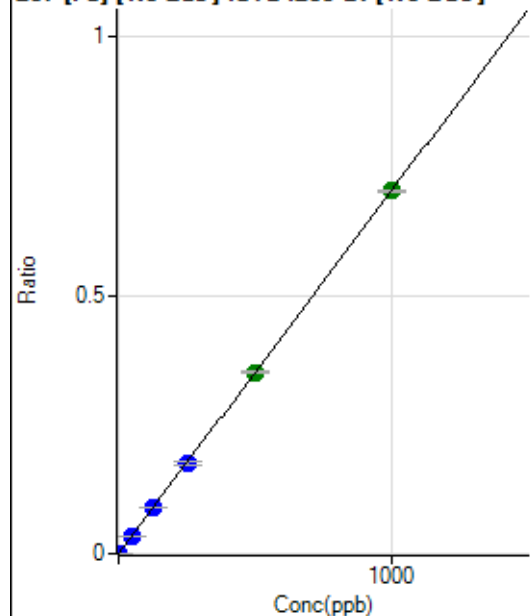
$$DL = 0.01777$$

$$BEC = 0.05595$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	550.06	0.0000	P	21.8
2	☐	0.100					
3	☐	1.000	0.982	9196.01	0.0007	P	5.0
4	☐	50.000	49.407	463402.68	0.0347	P	1.5
5	☐	125.000	125.115	1187921.82	0.0879	P	0.8
6	☐	250.000	249.639	2340841.52	0.1753	P	3.2
7	☐	500.000	500.632	4726103.81	0.3514	A	0.2
8	☐	1000.000	999.790	9462688.41	0.7018	A	0.6
9	☐			49352.88	0.0045	P	1.3

$$y = 7.0186\text{E-}004 * x + 4.1449\text{E-}005$$

$$R = 1.0000$$

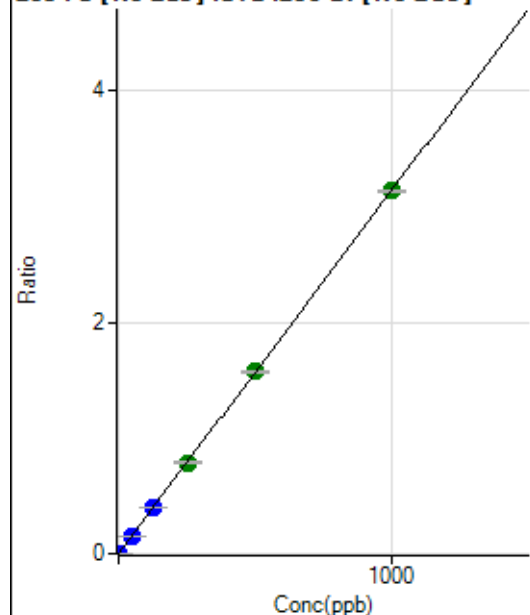
$$DL = 0.03862$$

$$BEC = 0.05906$$

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	2457.66	0.0002	P	11.8
2	☐	0.100					
3	☐	1.000	0.969	40554.72	0.0032	P	2.0
4	☐	50.000	49.631	2079430.46	0.1558	P	0.8
5	☐	125.000	124.977	5300362.10	0.3920	P	0.4
6	☐	250.000	250.495	10491615.98	0.7855	A	3.3
7	☐	500.000	500.928	21123204.93	1.5706	A	0.2
8	☐	1000.000	999.434	42253417.84	3.1335	A	0.4
9	☐			229886.13	0.0208	P	0.6

$$y = 0.0031 * x + 1.8510E-004$$

$$R = 1.0000$$

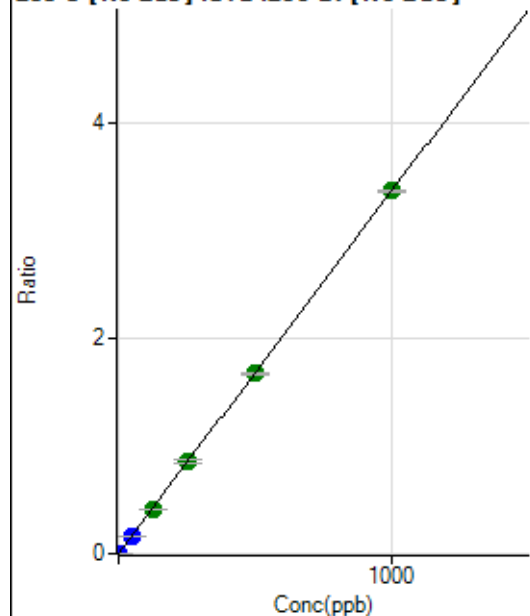
$$DL = 0.02081$$

$$BEC = 0.05904$$

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	138.89	0.0000	P	3.5
2	☐	0.100					
3	☐	1.000	0.926	39374.26	0.0031	P	0.8
4	☐	50.000	47.378	2128781.43	0.1595	P	0.9
5	☐	125.000	122.311	5566490.88	0.4117	A	0.5
6	☐	250.000	252.595	11352972.13	0.8502	A	4.2
7	☐	500.000	498.008	22542306.24	1.6762	A	1.1
8	☐	1000.000	1000.814	45423465.25	3.3686	A	0.3
9	☐			7127.27	0.0006	P	2.9

$$y = 0.0034 * x + 1.0456E-005$$

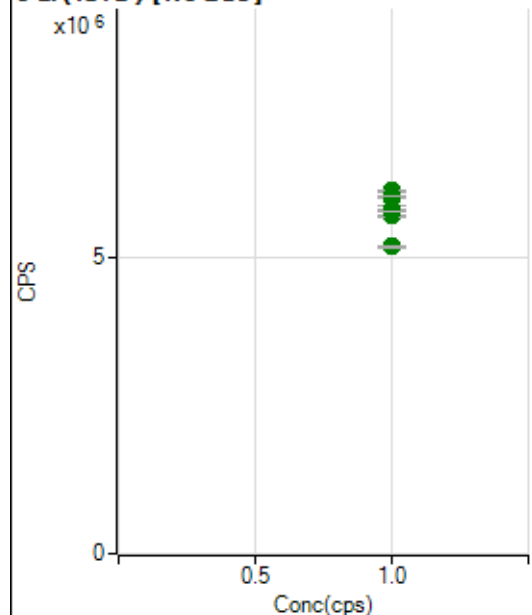
$$R = 1.0000$$

$$DL = 0.0003236$$

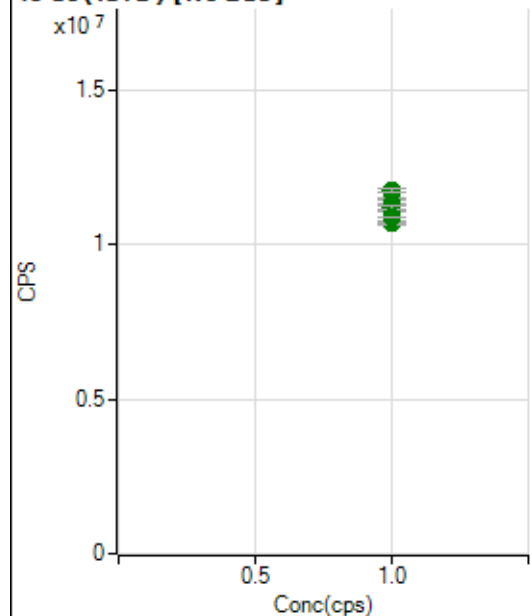
$$BEC = 0.003107$$

Weight: <None>

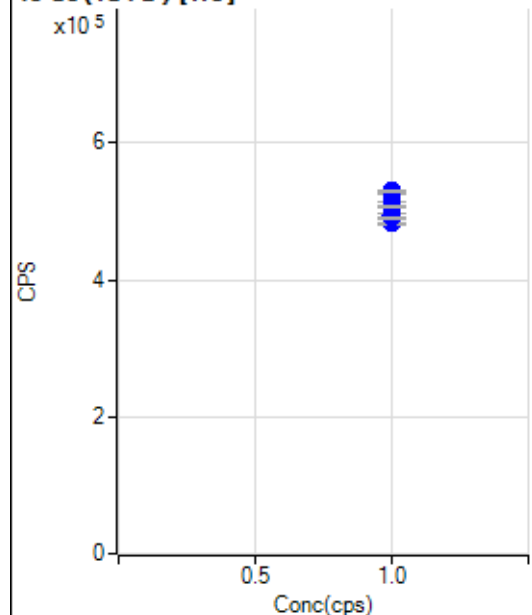
Min Conc: 0

6 Li (ISTD) [No Gas]

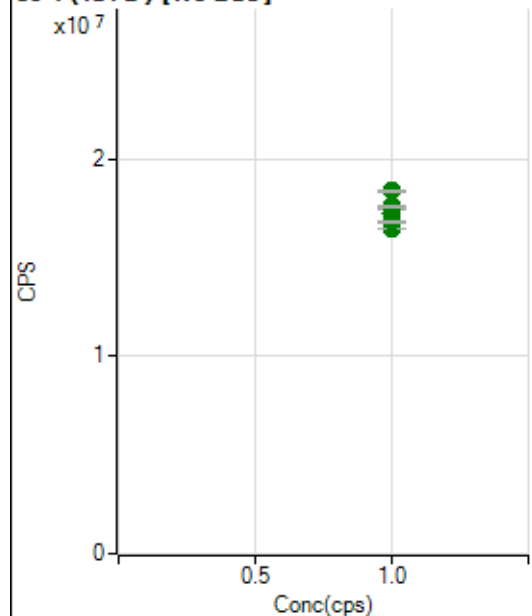
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6134383.52		A	0.4
2	☐	1.000					
3	☐	1.000		5708857.35		A	0.4
4	☐	1.000		6017426.85		A	0.5
5	☐	1.000		6043467.69		A	0.3
6	☐	1.000		5799602.21		A	2.4
7	☐	1.000		5808542.00		A	0.2
8	☐	1.000		5790581.30		A	0.3
9	☐	1.000		5193534.95		A	0.8

45 Sc (ISTD) [No Gas]

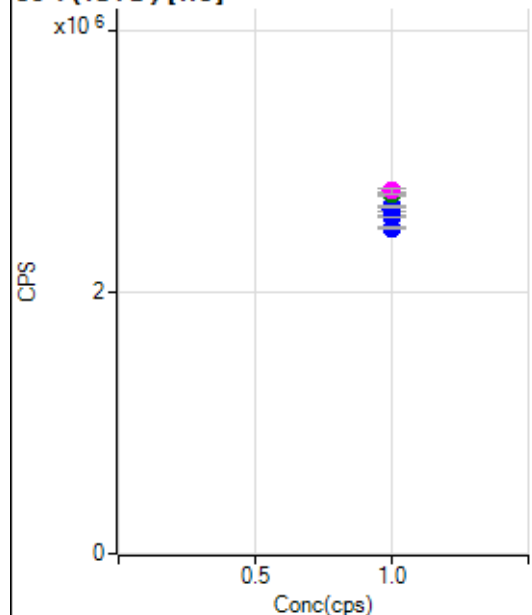
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11473981.68		A	0.4
2	☐	1.000					
3	☐	1.000		10714843.03		A	0.8
4	☐	1.000		11317673.78		A	0.5
5	☐	1.000		11254115.10		A	0.2
6	☐	1.000		10896299.98		A	3.5
7	☐	1.000		11203130.98		A	0.7
8	☐	1.000		11747477.17		A	1.0
9	☐	1.000		10880884.01		A	0.1

45 Sc (ISTD) [He]

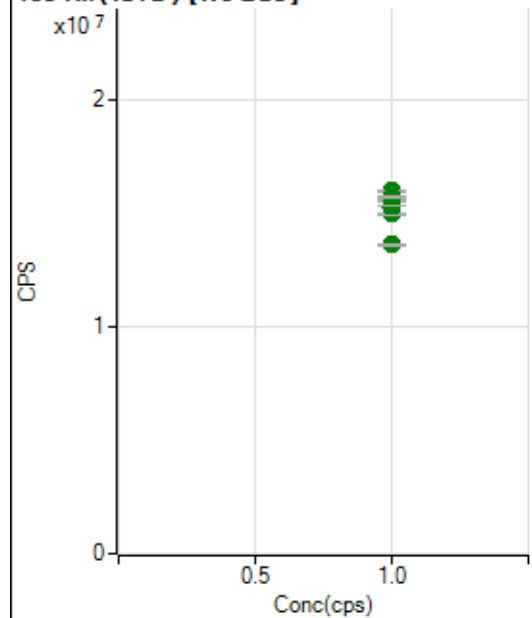
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		514032.12		P	0.2
2	☐	1.000					
3	☐	1.000		481580.24		P	0.5
4	☐	1.000		507071.06		P	0.7
5	☐	1.000		494702.75		P	1.4
6	☐	1.000		490866.39		P	0.7
7	☐	1.000		506712.47		P	0.5
8	☐	1.000		525816.83		P	0.6
9	☐	1.000		529605.91		P	0.6

89 Y (ISTD) [No Gas]

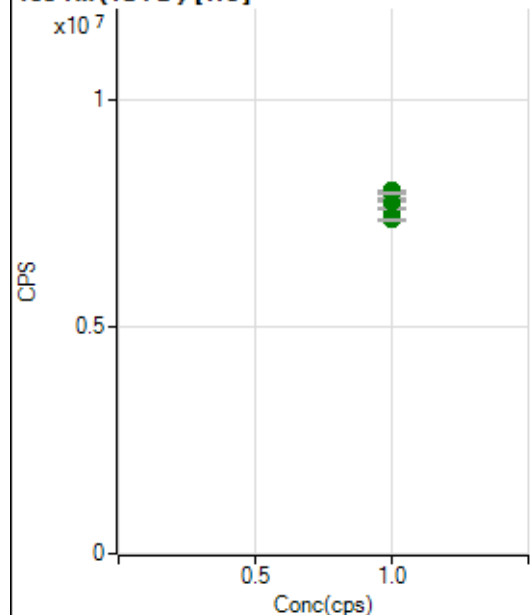
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17480051.68		A	0.4
2	☐	1.000					
3	☐	1.000		16485408.36		A	0.1
4	☐	1.000		17466694.05		A	0.1
5	☐	1.000		17535613.49		A	0.4
6	☐	1.000		17215115.30		A	3.5
7	☐	1.000		17629714.32		A	0.6
8	☐	1.000		18399753.06		A	0.3
9	☐	1.000		16824995.17		A	0.7

89 Y(ISTD) [He]

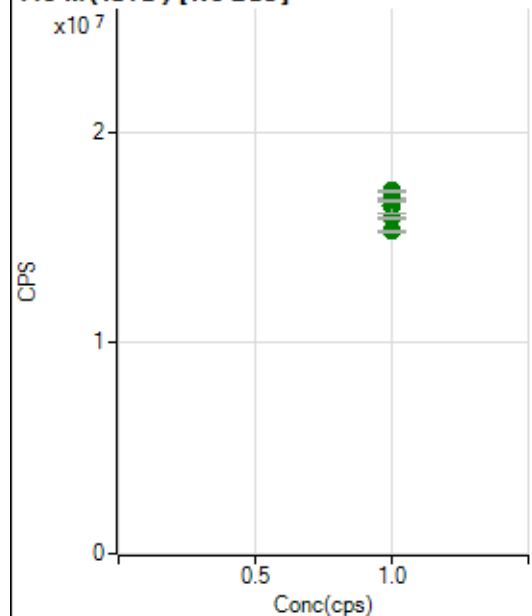
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2660058.95		P	0.5
2	☐	1.000					
3	☐	1.000		2495475.48		P	0.6
4	☐	1.000		2634731.30		P	1.3
5	☐	1.000		2587718.52		P	0.6
6	☐	1.000		2578903.19		P	0.3
7	☐	1.000		2661477.22		P	0.3
8	☐	1.000		2755412.39		A	0.9
9	☐	1.000		2779201.97		M	1.7

103 Rh(ISTD) [No Gas]

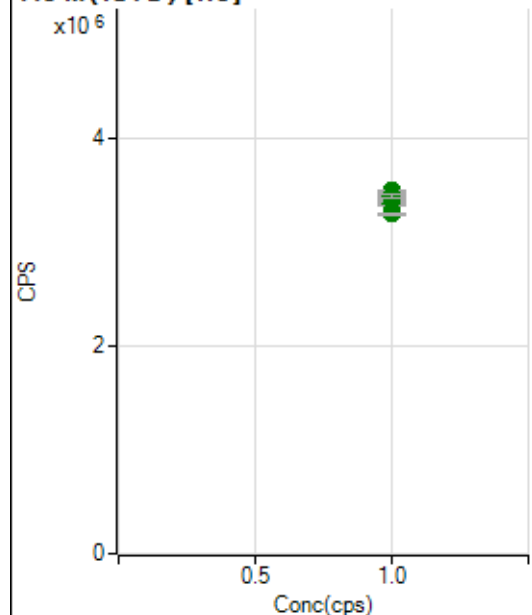
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16010431.61		A	0.4
2	☐	1.000					
3	☐	1.000		14982593.56		A	0.4
4	☐	1.000		15744110.94		A	0.5
5	☐	1.000		15692876.92		A	0.5
6	☐	1.000		15234146.17		A	3.5
7	☐	1.000		15364114.75		A	0.4
8	☐	1.000		15744475.35		A	0.4
9	☐	1.000		13629692.32		A	0.7

103 Rh (ISTD) [He]

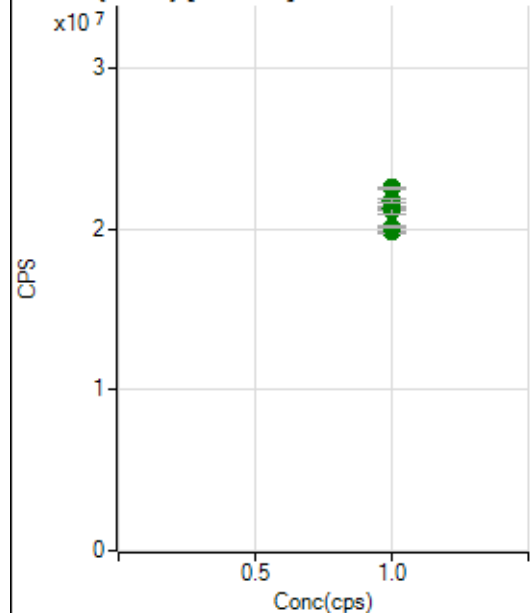
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8003471.27		A	0.7
2	☐	1.000					
3	☐	1.000		7598721.55		A	0.4
4	☐	1.000		7956868.56		A	1.1
5	☐	1.000		7808201.76		A	0.4
6	☐	1.000		7769214.95		A	0.6
7	☐	1.000		7843225.85		A	0.1
8	☐	1.000		7969419.67		A	0.4
9	☐	1.000		7367675.93		A	0.7

115 In (ISTD) [No Gas]

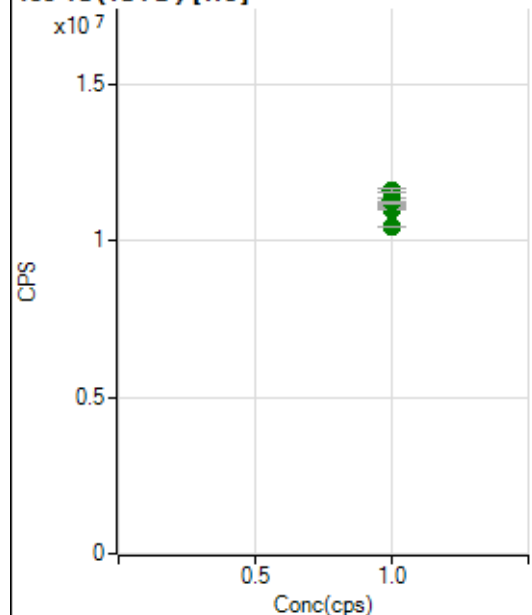
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16865411.27		A	0.6
2	☐	1.000					
3	☐	1.000		15940177.73		A	0.6
4	☐	1.000		16783373.86		A	1.0
5	☐	1.000		16867664.05		A	0.1
6	☐	1.000		16469824.61		A	3.7
7	☐	1.000		16748353.44		A	0.6
8	☐	1.000		17209312.42		A	0.5
9	☐	1.000		15312214.80		A	0.6

115 In (ISTD) [He]

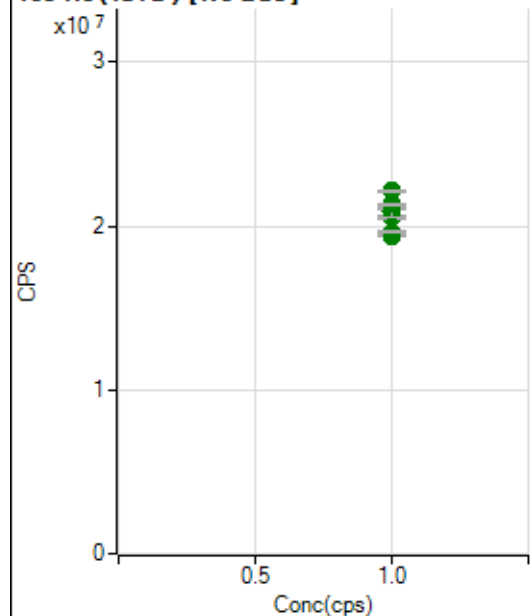
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3475698.03		A	0.3
2	☐	1.000					
3	☐	1.000		3269075.26		A	0.4
4	☐	1.000		3424127.12		A	1.1
5	☐	1.000		3381836.01		A	0.5
6	☐	1.000		3367171.11		A	0.7
7	☐	1.000		3405999.71		A	0.5
8	☐	1.000		3490812.17		A	0.5
9	☐	1.000		3445551.38		A	1.1

159 Tb (ISTD) [No Gas]

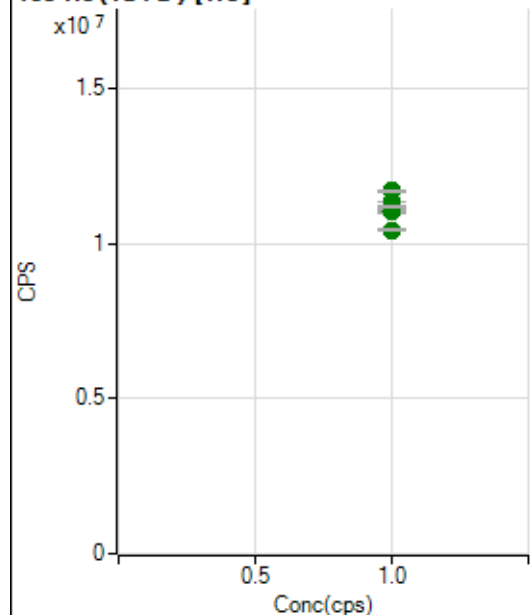
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21148876.35		A	0.3
2	☐	1.000					
3	☐	1.000		19825254.57		A	0.4
4	☐	1.000		21273297.46		A	0.3
5	☐	1.000		21388573.85		A	0.4
6	☐	1.000		21300608.71		A	3.8
7	☐	1.000		21741747.73		A	0.9
8	☐	1.000		22564838.83		A	0.8
9	☐	1.000		20098459.84		A	0.6

159 Tb (ISTD) [He]

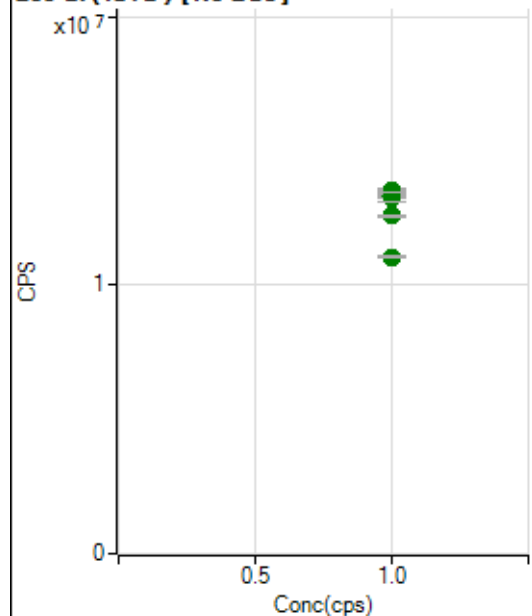
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11031156.64		A	0.2
2	☐	1.000					
3	☐	1.000		10443606.72		A	0.4
4	☐	1.000		11031256.09		A	1.3
5	☐	1.000		11096955.25		A	0.5
6	☐	1.000		11014188.73		A	0.3
7	☐	1.000		11307518.16		A	0.8
8	☐	1.000		11585707.19		A	0.9
9	☐	1.000		11211184.69		A	0.3

165 Ho (ISTD) [No Gas]

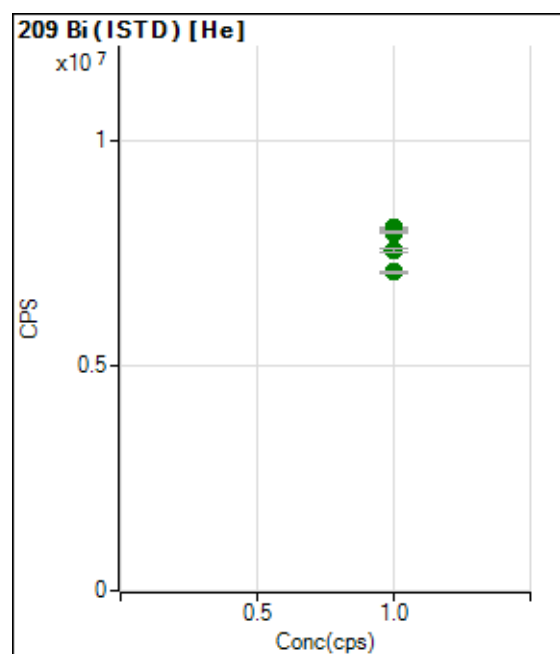
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20526109.83		A	0.5
2	☐	1.000					
3	☐	1.000		19406976.65		A	0.7
4	☐	1.000		20519560.01		A	0.9
5	☐	1.000		20979791.62		A	0.2
6	☐	1.000		20849452.38		A	3.2
7	☐	1.000		21315908.29		A	0.5
8	☐	1.000		22144378.79		A	0.4
9	☐	1.000		19632852.35		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11087938.86		A	0.2
2	☐	1.000					
3	☐	1.000		10444042.83		A	0.7
4	☐	1.000		11067257.20		A	1.1
5	☐	1.000		11141161.78		A	0.8
6	☐	1.000		11129808.59		A	0.8
7	☐	1.000		11351685.53		A	0.1
8	☐	1.000		11713451.49		A	0.2
9	☐	1.000		11206642.61		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13283579.66		A	0.8
2	☐	1.000					
3	☐	1.000		12587897.17		A	0.5
4	☐	1.000		13349078.83		A	1.2
5	☐	1.000		13521152.99		A	0.5
6	☐	1.000		13368819.94		A	4.2
7	☐	1.000		13448853.69		A	0.6
8	☐	1.000		13484471.05		A	0.2
9	☐	1.000		11045529.14		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8065643.84		A	0.3
2	☐	1.000					
3	☐	1.000		7581783.92		A	0.7
4	☐	1.000		8028121.96		A	1.3
5	☐	1.000		8078375.30		A	0.8
6	☐	1.000		8034361.06		A	0.6
7	☐	1.000		7974254.33		A	0.4
8	☐	1.000		7998908.56		A	0.5
9	☐	1.000		7089781.56		A	0.7

US EPA Tune Check Sample Report

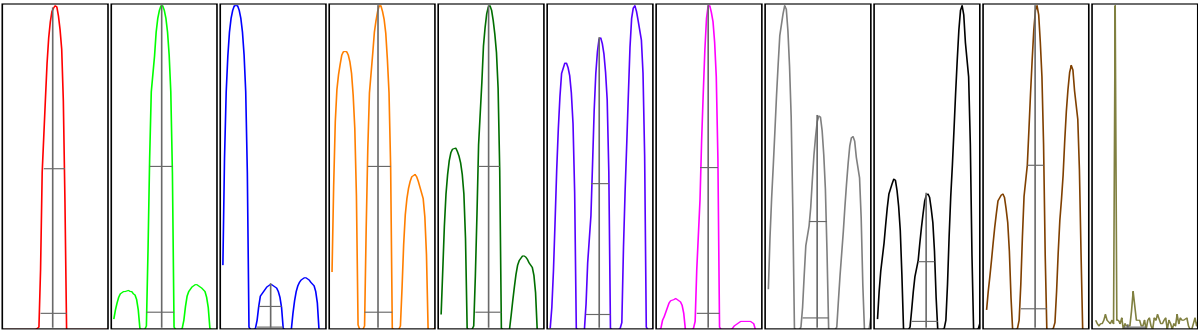
Batch Folder D:\ICP-MS Data\P7082018 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	20875	0.08	5.00	
24	831947	0.13	5.00	
25	114256	0.32	5.00	
26	134333	0.42	5.00	
59	149390	0.24	5.00	
113	17062	0.40	5.00	
115	199520	0.27	5.00	
206	46887	0.65	5.00	
207	42589	0.67	5.00	
208	100012	0.87	5.00	
220	1	72.37		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	20877	20890	20849	20873	20886
24	831076	830964	833586	832485	831623
25	113986	114813	114288	113881	114310
26	134590	135001	134431	133483	134159
59	149180	149282	149603	148987	149900
113	17019	17057	16987	17087	17163
115	199697	198638	199387	199843	200036
206	46663	46626	46757	47046	47344
207	42295	42389	42482	42945	42834
208	99053	99537	99616	101100	100752
220	0	0	1	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	34538	8.95	8.9 - 9.1		0.781	0.900	
24	1347242	23.95	23.9 - 24.1		0.786	0.900	
25	185017	24.95	24.9 - 25.1		0.785	0.900	
26	215192	25.90	25.9 - 26.1		0.787	0.900	
59	253945	58.95	58.9 - 59.1		0.780	0.900	
113	33613	113.00	112.9 - 113.1		0.716	0.900	
115	395312	115.00	114.9 - 115.1		0.688	0.900	
206	93311	206.00	205.9 - 206.1		0.768	0.900	
207	84183	207.00	206.9 - 207.1		0.772	0.900	
208	201309	208.00	207.9 - 208.1		0.770	0.900	
220	0	219.55	-		0.628		

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	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.8	V	Deflect	13.8	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	38095	0.59	
89	63448	0.62	
205	44017	0.67	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	37744	38061	38091	38340	38238
89	62905	63189	63568	63691	63886
205	43760	43673	44065	44233	44355

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	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.0	V	Deflect	2.6	V
Extract 2	-110.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:03:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-0.13	0.19	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	0.02	-0.02	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	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	11-1	-0.02	0.01	0.01	0.00	N/A	ppb
Boron	10-1	0.12	-0.03	-0.10	0.00	N/A	ppb
Cadmium	106-1	0.08	-0.69	0.62	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.06	0.04	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.05	0.04	0.00	N/A	ppb
Calcium	43-1	-1.18	-0.65	1.83	0.00	N/A	ppb
Calcium	44-1	-0.05	-0.25	0.29	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.05	0.00	0.05	0.00	N/A	ppb
Iron	57-2	0.30	-0.47	0.18	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.17	0.04	-0.21	0.00	N/A	ppb
Manganese	55-2	-0.02	0.00	0.02	0.00	N/A	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:03:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-14.82	15.12	-7.41	-2.37		ppb
Potassium	39-2	-2.12	-0.78	2.89	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.09	0.09	-0.19	0.00	N/A	ppb
Selenium	78-2	-0.16	0.37	-0.22	0.00	N/A	ppb
Selenium	82-1	0.06	-0.07	0.01	0.00	N/A	ppb
Silicon	28-1	0.41	0.00	-0.41	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	0.02	-0.21	0.18	0.00	N/A	ppb
Strontium	86-1	0.01	-0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-406.95	-431.21	-491.34	-443.16		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	-0.02	0.01	0.02	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	-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	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.35	0.05	0.30	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:03:45	DataFile Name :	003CALB.d

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

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:12:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.15	17.42	15.18	16.25	6.91	ppb
Antimony	121-1	1.97	2.03	2.03	2.01	1.76	ppb
Arsenic	75-2	0.87	1.16	1.02	1.01	14.27	ppb
Barium	135-1	9.91	9.76	10.05	9.91	1.50	ppb
Barium	137-1	9.95	9.97	9.63	9.85	1.93	ppb
Beryllium	9-1	1.00	0.98	0.99	0.99	1.17	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	11-1	23.33	24.90	25.37	24.53	4.36	ppb
Boron	10-1	24.43	25.43	24.68	24.85	2.08	ppb
Cadmium	106-1	0.26	0.74	0.73	0.57	48.05	ppb
Cadmium	108-1	1.05	1.08	1.25	1.12	9.70	ppb
Cadmium	111-1	1.01	0.98	1.03	1.01	2.95	ppb
Calcium	43-1	478.91	461.29	473.16	471.12	1.91	ppb
Calcium	44-1	466.36	469.75	466.94	467.68	0.39	ppb
Chromium	52-2	2.01	2.12	2.12	2.08	2.85	ppb
Cobalt	59-2	1.07	1.03	1.01	1.04	2.46	ppb
Copper	63-2	2.02	2.10	2.09	2.07	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	52.90	52.53	52.95	52.79	0.43	ppb
Iron	57-2	53.85	57.07	54.02	54.98	3.29	ppb
Lead	206-1	0.95	0.96	1.00	0.97	3.16	ppb
Lead	207-1	0.97	0.94	1.04	0.98	5.29	ppb
Lead	208-1	0.95	0.96	0.99	0.97	2.15	ppb
Lithium	6-1				93		%
Magnesium	24-2	504.14	500.83	506.45	503.81	0.56	ppb
Manganese	55-2	0.96	0.95	0.88	0.93	4.88	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:12:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.87	5.00	4.82	4.90	1.92	ppb
Molybdenum	94-1	5.10	4.89	4.83	4.94	2.80	ppb
Molybdenum	95-1	4.77	4.91	5.06	4.91	2.93	ppb
Molybdenum	96-1	4.86	4.70	4.88	4.81	2.16	ppb
Molybdenum	97-1	4.87	4.84	5.11	4.94	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.01	1.05	1.05	3.56	ppb
Phosphorus	31-2	9.13	-4.70	2.69	2.37	291.65	ppb
Potassium	39-2	500.71	486.10	491.64	492.82	1.50	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	5.46	4.87	3.93	4.76	16.20	ppb
Selenium	78-2	5.27	5.37	5.48	5.37	1.99	ppb
Selenium	82-1	5.64	4.82	5.15	5.20	7.92	ppb
Silicon	28-1	17.74	19.12	19.79	18.88	5.52	ppb
Silver	109-1	1.04	1.10	1.08	1.07	3.03	ppb
Silver	107-1	1.08	1.07	1.05	1.07	1.48	ppb
Sodium	23-2	520.91	514.08	513.26	516.08	0.81	ppb
Strontium	86-1	1.06	1.11	0.96	1.04	7.15	ppb
Strontium	88-1	0.96	0.98	1.01	0.98	2.41	ppb
Sulfur	34-1	312.18	528.59	488.73	443.16	25.99	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	0.93	0.99	0.94	0.96	3.45	ppb
Thallium	205-1	1.00	0.99	0.98	0.99	0.80	ppb
Tin	118-1	4.94	4.97	5.04	4.98	0.99	ppb
Titanium	47-1	5.27	4.96	5.02	5.09	3.19	ppb
Uranium	238-1	0.92	0.93	0.93	0.93	0.82	ppb
Vanadium	51-2	5.05	4.83	4.80	4.89	2.76	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	-2.14	-2.16	-1.95	-2.08		ppb
Zirconium	90-1	0.97	1.00	1.02	1.00	2.36	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:12:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.97	0.99	0.97	2.07	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:16:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1028.99	1029.82	1041.24	1033.35	0.66	ppb
Antimony	121-1	51.06	50.81	50.64	50.84	0.41	ppb
Arsenic	75-2	50.98	51.19	52.87	51.68	2.01	ppb
Barium	135-1	251.41	253.28	252.34	252.35	0.37	ppb
Barium	137-1	254.05	255.67	254.45	254.72	0.33	ppb
Beryllium	9-1	50.98	50.92	51.01	50.97	0.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	50.55	51.37	50.49	50.80	0.97	ppb
Boron	10-1	50.15	51.28	52.63	51.35	2.42	ppb
Cadmium	106-1	52.71	52.68	53.31	52.90	0.67	ppb
Cadmium	108-1	52.88	54.91	51.86	53.22	2.91	ppb
Cadmium	111-1	53.53	53.45	53.10	53.36	0.43	ppb
Calcium	43-1	5057.19	4978.92	5004.93	5013.68	0.80	ppb
Calcium	44-1	4958.60	4980.34	4978.60	4972.51	0.24	ppb
Chromium	52-2	50.89	50.40	51.31	50.87	0.89	ppb
Cobalt	59-2	51.75	51.34	52.94	52.01	1.59	ppb
Copper	63-2	105.64	104.59	106.01	105.41	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2651.02	2617.88	2652.70	2640.53	0.74	ppb
Iron	57-2	2681.70	2669.22	2693.10	2681.34	0.45	ppb
Lead	206-1	50.30	49.58	50.30	50.06	0.83	ppb
Lead	207-1	49.53	48.60	50.09	49.41	1.52	ppb
Lead	208-1	49.76	49.17	49.96	49.63	0.84	ppb
Lithium	6-1				98		%
Magnesium	24-2	5374.48	5350.33	5469.25	5398.02	1.16	ppb
Manganese	55-2	103.03	101.18	102.24	102.15	0.91	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:16:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	247.18	248.31	245.75	247.08	0.52	ppb
Molybdenum	94-1	248.86	250.94	248.60	249.47	0.51	ppb
Molybdenum	95-1	249.45	248.06	246.06	247.86	0.69	ppb
Molybdenum	96-1	245.11	247.62	243.44	245.39	0.86	ppb
Molybdenum	97-1	249.76	252.86	248.78	250.47	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.58	53.15	54.08	53.60	0.87	ppb
Phosphorus	31-2	1051.38	1017.95	1003.84	1024.39	2.38	ppb
Potassium	39-2	2549.92	2535.57	2589.64	2558.38	1.09	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	49.55	50.10	55.95	51.87	6.83	ppb
Selenium	78-2	54.45	49.15	55.20	52.93	6.24	ppb
Selenium	82-1	53.29	54.16	52.81	53.42	1.28	ppb
Silicon	28-1	64.26	64.80	63.56	64.21	0.96	ppb
Silver	109-1	52.79	53.37	53.04	53.06	0.55	ppb
Silver	107-1	53.05	53.16	52.81	53.01	0.34	ppb
Sodium	23-2	5306.37	5308.99	5402.69	5339.35	1.03	ppb
Strontium	86-1	50.20	50.18	50.85	50.41	0.76	ppb
Strontium	88-1	49.83	49.85	49.49	49.72	0.40	ppb
Sulfur	34-1	1188.29	1126.16	908.70	1074.39	13.66	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	49.01	48.82	49.57	49.13	0.79	ppb
Thallium	205-1	49.72	49.96	49.83	49.84	0.23	ppb
Tin	118-1	50.92	51.07	50.75	50.92	0.31	ppb
Titanium	47-1	250.63	250.88	250.54	250.68	0.07	ppb
Uranium	238-1	47.17	47.09	47.87	47.38	0.91	ppb
Vanadium	51-2	50.80	50.61	51.21	50.87	0.60	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	104.98	103.32	105.54	104.61	1.11	ppb
Zirconium	90-1	49.86	49.98	49.22	49.69	0.82	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:16:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.63	49.96	49.19	49.59	0.77	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:20:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2554.34	2559.74	2612.63	2575.57	1.25	ppb
Antimony	121-1	128.10	128.04	126.89	127.68	0.54	ppb
Arsenic	75-2	128.54	127.16	129.78	128.49	1.02	ppb
Barium	135-1	637.89	634.65	630.75	634.43	0.56	ppb
Barium	137-1	632.23	629.64	630.21	630.69	0.22	ppb
Beryllium	9-1	125.59	126.49	125.61	125.90	0.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	123.91	124.04	126.55	124.83	1.19	ppb
Boron	10-1	126.19	127.69	128.58	127.49	0.95	ppb
Cadmium	106-1	134.30	134.01	132.60	133.64	0.68	ppb
Cadmium	108-1	133.66	132.50	133.50	133.22	0.48	ppb
Cadmium	111-1	134.01	132.47	131.82	132.77	0.85	ppb
Calcium	43-1	12635.63	12619.92	12595.17	12616.91	0.16	ppb
Calcium	44-1	12382.98	12472.07	12469.24	12441.43	0.41	ppb
Chromium	52-2	126.35	127.13	129.09	127.52	1.11	ppb
Cobalt	59-2	127.95	129.07	131.71	129.58	1.49	ppb
Copper	63-2	258.26	260.61	265.80	261.56	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	6522.76	6637.57	6721.03	6627.12	1.50	ppb
Iron	57-2	6650.70	6751.42	6811.18	6737.76	1.20	ppb
Lead	206-1	125.72	124.98	126.19	125.63	0.48	ppb
Lead	207-1	124.02	125.39	125.94	125.11	0.79	ppb
Lead	208-1	124.49	124.99	125.45	124.98	0.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	13435.91	13531.00	13723.57	13563.49	1.08	ppb
Manganese	55-2	253.45	255.15	258.81	255.80	1.07	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:20:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	623.52	622.20	626.04	623.92	0.31	ppb
Molybdenum	94-1	619.61	616.66	625.31	620.53	0.71	ppb
Molybdenum	95-1	625.03	621.90	626.28	624.40	0.36	ppb
Molybdenum	96-1	628.34	618.98	626.31	624.54	0.79	ppb
Molybdenum	97-1	625.74	621.35	624.90	624.00	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.98	132.34	135.02	133.45	1.05	ppb
Phosphorus	31-2	2500.11	2622.85	2673.51	2598.82	3.43	ppb
Potassium	39-2	6275.71	6320.86	6446.18	6347.58	1.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	123.97	136.52	135.15	131.88	5.22	ppb
Selenium	78-2	127.36	132.84	132.48	130.89	2.34	ppb
Selenium	82-1	131.43	133.26	133.63	132.77	0.89	ppb
Silicon	28-1	158.66	160.74	160.56	159.99	0.72	ppb
Silver	109-1	131.61	132.24	131.00	131.62	0.47	ppb
Silver	107-1	132.57	131.73	131.38	131.89	0.46	ppb
Sodium	23-2	13394.53	13436.09	13637.47	13489.36	0.96	ppb
Strontium	86-1	125.99	125.21	127.37	126.19	0.87	ppb
Strontium	88-1	125.77	124.55	125.25	125.19	0.49	ppb
Sulfur	34-1	2494.67	2473.10	2408.32	2458.70	1.83	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	124.21	124.03	124.13	124.12	0.07	ppb
Thallium	205-1	123.73	123.57	124.05	123.78	0.20	ppb
Tin	118-1	128.79	128.71	126.76	128.09	0.90	ppb
Titanium	47-1	621.07	624.44	624.34	623.28	0.31	ppb
Uranium	238-1	122.02	123.00	121.91	122.31	0.49	ppb
Vanadium	51-2	125.61	125.25	129.39	126.75	1.81	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	268.90	269.84	276.71	271.82	1.57	ppb
Zirconium	90-1	124.72	123.70	125.71	124.71	0.81	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:20:43	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.24	123.40	123.98	123.88	0.35	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:24:50	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5128.93	5168.65	5120.88	5139.49	0.50	ppb
Antimony	121-1	266.39	249.00	249.43	254.94	3.89	ppb
Arsenic	75-2	254.23	254.26	255.31	254.60	0.24	ppb
Barium	135-1	1326.74	1228.38	1239.61	1264.91	4.26	ppb
Barium	137-1	1321.17	1230.85	1235.81	1262.61	4.02	ppb
Beryllium	9-1	259.70	246.52	251.20	252.47	2.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	252.82	244.91	251.15	249.63	1.67	ppb
Boron	10-1	250.92	247.66	257.41	252.00	1.97	ppb
Cadmium	106-1	273.45	254.95	255.13	261.18	4.07	ppb
Cadmium	108-1	268.93	254.95	253.45	259.11	3.30	ppb
Cadmium	111-1	271.44	252.87	257.44	260.58	3.71	ppb
Calcium	43-1	26193.18	24435.85	25105.48	25244.84	3.51	ppb
Calcium	44-1	25957.85	24284.29	24649.12	24963.75	3.53	ppb
Chromium	52-2	254.26	255.18	253.85	254.43	0.27	ppb
Cobalt	59-2	257.78	257.37	254.90	256.68	0.61	ppb
Copper	63-2	511.58	517.48	514.80	514.62	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	13219.46	13264.50	13234.82	13239.59	0.17	ppb
Iron	57-2	13318.15	13375.16	13379.47	13357.59	0.26	ppb
Lead	206-1	260.08	238.44	251.03	249.85	4.35	ppb
Lead	207-1	258.21	242.43	248.27	249.64	3.20	ppb
Lead	208-1	259.37	242.70	249.41	250.50	3.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	27058.52	27145.20	27047.16	27083.63	0.20	ppb
Manganese	55-2	505.61	508.76	510.34	508.24	0.47	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:24:50	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1315.31	1224.77	1249.76	1263.28	3.70	ppb
Molybdenum	94-1	1302.08	1220.81	1231.99	1251.63	3.52	ppb
Molybdenum	95-1	1303.16	1223.90	1231.59	1252.89	3.49	ppb
Molybdenum	96-1	1306.21	1224.80	1238.57	1256.53	3.47	ppb
Molybdenum	97-1	1308.17	1224.78	1251.65	1261.53	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.67	264.88	262.42	263.32	0.51	ppb
Phosphorus	31-2	5009.81	5199.80	5109.20	5106.27	1.86	ppb
Potassium	39-2	12528.97	12647.95	12535.33	12570.75	0.53	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	251.12	270.17	258.27	259.85	3.70	ppb
Selenium	78-2	256.35	260.56	257.54	258.15	0.84	ppb
Selenium	82-1	275.01	254.37	259.76	263.05	4.07	ppb
Silicon	28-1	280.65	265.04	271.80	272.50	2.87	ppb
Silver	109-1	270.84	250.27	252.98	258.03	4.33	ppb
Silver	107-1	270.47	253.33	252.72	258.84	3.89	ppb
Sodium	23-2	26955.62	27011.36	26753.96	26906.98	0.50	ppb
Strontium	86-1	263.39	244.73	248.31	252.14	3.93	ppb
Strontium	88-1	262.40	244.64	249.11	252.05	3.67	ppb
Sulfur	34-1	5721.50	4549.03	4986.14	5085.55	11.65	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	262.02	236.29	248.18	248.83	5.18	ppb
Thallium	205-1	262.54	238.92	251.14	250.87	4.71	ppb
Tin	118-1	262.26	246.60	244.97	251.27	3.80	ppb
Titanium	47-1	1305.50	1218.05	1242.15	1255.23	3.60	ppb
Uranium	238-1	263.86	242.68	251.25	252.60	4.22	ppb
Vanadium	51-2	251.62	255.47	253.42	253.51	0.76	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	531.60	537.00	528.32	532.31	0.82	ppb
Zirconium	90-1	262.25	245.04	250.21	252.50	3.50	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:24:50	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	259.61	241.51	248.71	249.94	3.65	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:28:36	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10181.94	9975.37	10061.93	10073.08	1.03	ppb
Antimony	121-1	500.43	506.47	498.95	501.95	0.79	ppb
Arsenic	75-2	507.93	503.70	506.60	506.08	0.43	ppb
Barium	135-1	2503.30	2527.93	2492.13	2507.79	0.73	ppb
Barium	137-1	2508.56	2529.94	2483.22	2507.24	0.93	ppb
Beryllium	9-1	495.94	496.78	502.05	498.26	0.66	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	11-1	483.89	505.67	507.95	499.17	2.66	ppb
Boron	10-1	491.18	507.39	514.49	504.35	2.37	ppb
Cadmium	106-1	505.67	519.10	513.55	512.77	1.32	ppb
Cadmium	108-1	508.43	513.63	510.81	510.96	0.51	ppb
Cadmium	111-1	505.52	508.43	503.07	505.67	0.53	ppb
Calcium	43-1	49691.70	49529.51	49486.70	49569.30	0.22	ppb
Calcium	44-1	49783.28	49505.93	49174.00	49487.74	0.62	ppb
Chromium	52-2	502.45	500.96	499.80	501.07	0.26	ppb
Cobalt	59-2	509.45	501.83	502.21	504.50	0.85	ppb
Copper	63-2	1024.19	1014.91	1002.79	1013.96	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	26252.12	26048.94	26018.07	26106.37	0.49	ppb
Iron	57-2	26552.10	26240.47	26260.36	26350.98	0.66	ppb
Lead	206-1	506.24	503.14	503.24	504.21	0.35	ppb
Lead	207-1	501.45	499.52	500.93	500.63	0.20	ppb
Lead	208-1	502.15	499.81	500.82	500.93	0.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	53253.16	52262.15	52709.34	52741.55	0.94	ppb
Manganese	55-2	1002.65	997.18	992.30	997.38	0.52	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:28:36	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2504.18	2500.48	2490.96	2498.54	0.27	ppb
Molybdenum	94-1	2502.78	2497.10	2495.01	2498.30	0.16	ppb
Molybdenum	95-1	2501.30	2503.31	2516.78	2507.13	0.34	ppb
Molybdenum	96-1	2504.02	2500.22	2504.85	2503.03	0.10	ppb
Molybdenum	97-1	2497.36	2504.05	2497.61	2499.67	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.81	512.37	511.26	513.15	0.46	ppb
Phosphorus	31-2	10374.74	10121.20	10140.15	10212.03	1.38	ppb
Potassium	39-2	25171.98	24792.67	25008.25	24990.96	0.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	513.47	499.26	492.84	501.86	2.10	ppb
Selenium	78-2	504.21	506.21	503.22	504.55	0.30	ppb
Selenium	82-1	513.62	513.83	513.35	513.60	0.05	ppb
Silicon	28-1	541.23	551.67	547.92	546.94	0.97	ppb
Silver	109-1	506.79	508.90	501.62	505.77	0.74	ppb
Silver	107-1	505.50	508.68	509.11	507.77	0.39	ppb
Sodium	23-2	53110.65	52243.16	52467.35	52607.05	0.86	ppb
Strontium	86-1	499.86	496.46	496.18	497.50	0.41	ppb
Strontium	88-1	503.15	499.10	500.34	500.86	0.41	ppb
Sulfur	34-1	9913.70	9689.95	9617.55	9740.40	1.59	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	500.01	501.05	494.98	498.68	0.65	ppb
Thallium	205-1	500.26	503.68	497.42	500.45	0.63	ppb
Tin	118-1	500.40	506.18	501.26	502.61	0.62	ppb
Titanium	47-1	2493.83	2501.88	2492.53	2496.08	0.20	ppb
Uranium	238-1	502.46	499.50	492.06	498.01	1.08	ppb
Vanadium	51-2	507.34	500.48	503.32	503.71	0.68	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	1038.15	1032.21	1034.62	1034.99	0.29	ppb
Zirconium	90-1	503.80	501.52	498.31	501.21	0.55	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:28:36	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.62	494.68	492.76	493.35	0.23	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:32:21	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19817.81	19706.32	19884.01	19802.72	0.45	ppb
Antimony	121-1	994.04	1005.74	992.47	997.41	0.73	ppb
Arsenic	75-2	998.66	985.99	1001.22	995.29	0.82	ppb
Barium	135-1	4969.44	5029.67	4974.14	4991.08	0.67	ppb
Barium	137-1	4944.15	5035.89	4996.80	4992.28	0.92	ppb
Beryllium	9-1	1002.46	995.51	1002.32	1000.09	0.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	989.93	1003.12	1008.46	1000.50	0.95	ppb
Boron	10-1	993.60	996.96	1000.28	996.95	0.33	ppb
Cadmium	106-1	982.80	1002.04	983.95	989.60	1.09	ppb
Cadmium	108-1	988.77	1003.92	980.47	991.06	1.20	ppb
Cadmium	111-1	989.20	1001.23	989.71	993.38	0.68	ppb
Calcium	43-1	98706.27	99405.48	97561.30	98557.68	0.94	ppb
Calcium	44-1	98356.33	99246.04	96310.42	97970.93	1.54	ppb
Chromium	52-2	999.03	994.16	1000.80	998.00	0.34	ppb
Cobalt	59-2	1000.44	991.65	994.12	995.41	0.46	ppb
Copper	63-2	1999.02	1987.75	1976.17	1987.65	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	51936.00	51828.70	51924.90	51896.54	0.11	ppb
Iron	57-2	52240.92	51942.59	52071.62	52085.04	0.29	ppb
Lead	206-1	998.95	1002.52	992.08	997.85	0.53	ppb
Lead	207-1	1003.91	1003.03	992.44	999.79	0.64	ppb
Lead	208-1	1000.87	1002.87	994.56	999.43	0.43	ppb
Lithium	6-1				94		%
Magnesium	24-2	103793.90	103015.95	104050.40	103620.08	0.52	ppb
Manganese	55-2	1998.56	1992.39	2004.31	1998.42	0.30	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:32:21	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4979.11	5016.56	4997.39	4997.69	0.37	ppb
Molybdenum	94-1	4986.47	4999.40	5017.22	5001.03	0.31	ppb
Molybdenum	95-1	4974.83	5003.53	5009.33	4995.90	0.37	ppb
Molybdenum	96-1	4971.67	5000.33	5019.43	4997.14	0.48	ppb
Molybdenum	97-1	4977.50	4997.34	5017.32	4997.38	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.11	983.84	987.64	988.86	0.58	ppb
Phosphorus	31-2	19930.31	19818.93	19812.29	19853.85	0.33	ppb
Potassium	39-2	49707.62	49714.73	50080.72	49834.36	0.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	970.85	1001.40	1014.71	995.66	2.26	ppb
Selenium	78-2	994.68	987.02	1002.70	994.80	0.79	ppb
Selenium	82-1	988.08	988.20	990.10	988.79	0.11	ppb
Silicon	28-1	958.50	977.18	961.53	965.73	1.04	ppb
Silver	109-1	992.96	1000.36	989.07	994.13	0.58	ppb
Silver	107-1	989.60	1002.60	986.49	992.90	0.86	ppb
Sodium	23-2	103846.53	102179.55	103982.90	103336.33	0.97	ppb
Strontium	86-1	996.68	1002.05	1002.90	1000.54	0.34	ppb
Strontium	88-1	1000.24	996.46	1000.43	999.05	0.22	ppb
Sulfur	34-1	20178.98	20309.57	19841.01	20109.86	1.20	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	1004.34	999.00	999.98	1001.11	0.28	ppb
Thallium	205-1	998.54	1006.53	994.08	999.72	0.63	ppb
Tin	118-1	989.09	1009.83	994.92	997.94	1.07	ppb
Titanium	47-1	5002.03	5031.58	4968.89	5000.83	0.63	ppb
Uranium	238-1	1002.42	1002.74	997.28	1000.81	0.31	ppb
Vanadium	51-2	1000.28	992.47	998.27	997.01	0.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	1974.83	1962.20	1977.39	1971.47	0.41	ppb
Zirconium	90-1	995.67	1004.45	996.35	998.82	0.49	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:32:21	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1005.28	1002.97	1002.25	1003.50	0.16	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:36:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100309.62	100371.68	99387.56	100022.95	0.55	ppb
Antimony	121-1	1.69	1.73	1.68	1.70	1.54	ppb
Arsenic	75-2	1.65	1.56	1.64	1.62	3.01	ppb
Barium	135-1	1.25	1.26	1.28	1.27	1.27	ppb
Barium	137-1	1.31	1.28	1.33	1.31	2.13	ppb
Beryllium	9-1	0.21	0.17	0.22	0.20	12.83	ppb
Bismuth	209-1				83		%
Bismuth	209-2				88		%
Boron	11-1	35.50	32.07	28.51	32.02	10.93	ppb
Boron	10-1	36.82	32.62	29.18	32.87	11.65	ppb
Cadmium	106-1	-0.12	0.17	0.80	0.29	164.61	ppb
Cadmium	108-1	0.34	0.26	0.33	0.31	14.37	ppb
Cadmium	111-1	0.28	0.31	0.36	0.32	12.96	ppb
Calcium	43-1	500807.21	497986.70	502154.87	500316.26	0.43	ppb
Calcium	44-1	502692.51	497184.89	501504.47	500460.62	0.58	ppb
Chromium	52-2	38.17	37.94	38.16	38.09	0.34	ppb
Cobalt	59-2	11.85	11.87	11.57	11.76	1.44	ppb
Copper	63-2	4.36	4.30	4.33	4.33	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				101		%
Indium	115-1				91		%
Indium	115-2				99		%
Iron	56-2	249894.39	249948.78	248543.56	249462.24	0.32	ppb
Iron	57-2	248876.50	250635.05	248661.47	249391.01	0.43	ppb
Lead	206-1	6.79	6.90	6.81	6.83	0.89	ppb
Lead	207-1	6.21	6.37	6.35	6.31	1.34	ppb
Lead	208-1	6.54	6.60	6.60	6.58	0.56	ppb
Lithium	6-1				85		%
Magnesium	24-2	497028.79	502005.05	497567.38	498867.08	0.55	ppb
Manganese	55-2	9.93	9.80	9.93	9.89	0.78	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:36:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	10.99	10.55	10.30	10.62	3.30	ppb
Molybdenum	94-1	8.32	7.95	7.83	8.03	3.18	ppb
Molybdenum	95-1	11.03	10.91	10.26	10.73	3.87	ppb
Molybdenum	96-1	12.19	11.77	11.45	11.80	3.17	ppb
Molybdenum	97-1	10.98	10.72	10.58	10.76	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.04	31.01	30.96	31.33	1.94	ppb
Phosphorus	31-2	17.09	-4.01	16.12	9.73	122.43	ppb
Potassium	39-2	249327.88	250646.00	250108.58	250027.49	0.27	ppb
Rhodium	103-1				85		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				103		%
Selenium	77-2	1.44	0.34	0.08	0.62	116.59	ppb
Selenium	78-2	0.99	0.72	0.50	0.74	33.26	ppb
Selenium	82-1	1.30	1.18	1.07	1.18	9.87	ppb
Silicon	28-1	214.68	225.26	226.90	222.28	2.98	ppb
Silver	109-1	0.17	0.20	0.16	0.18	12.38	ppb
Silver	107-1	0.17	0.16	0.15	0.16	5.89	ppb
Sodium	23-2	499433.36	498276.16	499136.08	498948.54	0.12	ppb
Strontium	86-1	5.00	4.99	5.13	5.04	1.52	ppb
Strontium	88-1	5.01	5.01	5.05	5.02	0.40	ppb
Sulfur	34-1	-1827.94	-1778.64	-1698.80	-1768.46		ppb
Terbium	159-1				95		%
Terbium	159-2				102		%
Thallium	203-1	0.70	0.66	0.64	0.67	4.77	ppb
Thallium	205-1	0.71	0.66	0.64	0.67	5.55	ppb
Tin	118-1	4.94	4.92	4.89	4.91	0.50	ppb
Titanium	47-1	3.05	2.85	2.93	2.94	3.32	ppb
Uranium	238-1	0.19	0.18	0.19	0.19	2.90	ppb
Vanadium	51-2	0.63	0.54	0.59	0.58	8.17	ppb
Yttrium	89-1				96		%
Yttrium	89-2				104		%
Zinc	66-2	9.12	8.73	8.74	8.86	2.53	ppb
Zirconium	90-1	0.25	0.26	0.25	0.25	2.71	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:36:11	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.24	0.30	0.27	11.86	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:44:11	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	516.20	513.33	522.31	517.28	0.89	ppb
Antimony	121-1	193.97	194.88	196.90	195.25	0.77	ppb
Arsenic	75-2	201.62	199.75	202.86	201.41	0.78	ppb
Barium	135-1	98.93	101.83	102.89	101.21	2.03	ppb
Barium	137-1	101.52	99.51	101.64	100.89	1.19	ppb
Beryllium	9-1	99.07	98.18	98.61	98.62	0.45	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	11-1	532.48	555.00	566.45	551.31	3.14	ppb
Boron	10-1	542.06	555.40	568.58	555.35	2.39	ppb
Cadmium	106-1	186.51	181.15	191.01	186.22	2.65	ppb
Cadmium	108-1	154.87	144.73	149.65	149.75	3.39	ppb
Cadmium	111-1	108.18	107.32	110.08	108.53	1.30	ppb
Calcium	43-1	2275.73	2272.19	2290.53	2279.48	0.43	ppb
Calcium	44-1	2084.56	2079.27	2098.01	2087.28	0.46	ppb
Chromium	52-2	96.53	97.32	96.41	96.75	0.51	ppb
Cobalt	59-2	99.80	100.59	99.77	100.05	0.47	ppb
Copper	63-2	102.66	102.57	102.74	102.65	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	1048.45	1046.08	1048.63	1047.72	0.14	ppb
Iron	57-2	1048.73	1052.68	1047.08	1049.50	0.27	ppb
Lead	206-1	194.52	193.64	194.11	194.09	0.23	ppb
Lead	207-1	186.57	186.75	188.33	187.22	0.52	ppb
Lead	208-1	192.53	190.84	192.36	191.91	0.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	1186.92	1186.84	1193.50	1189.09	0.32	ppb
Manganese	55-2	97.67	98.16	98.10	97.98	0.27	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:44:11	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	560.05	554.79	565.02	559.95	0.91	ppb
Molybdenum	94-1	1147.37	1143.31	1160.24	1150.31	0.77	ppb
Molybdenum	95-1	558.00	557.25	565.17	560.14	0.78	ppb
Molybdenum	96-1	632.04	626.65	635.73	631.47	0.72	ppb
Molybdenum	97-1	552.40	548.48	557.99	552.96	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.63	102.96	103.75	103.11	0.56	ppb
Phosphorus	31-2	2.69	-18.96	110.53	31.42	220.74	ppb
Potassium	39-2	1986.47	1990.51	1984.42	1987.13	0.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	209.99	228.24	211.82	216.68	4.64	ppb
Selenium	78-2	206.19	204.55	214.60	208.45	2.59	ppb
Selenium	82-1	207.36	207.60	209.31	208.09	0.51	ppb
Silicon	28-1	2.07	2.83	2.58	2.49	15.51	ppb
Silver	109-1	103.72	103.94	104.93	104.20	0.62	ppb
Silver	107-1	104.61	104.09	106.98	105.23	1.46	ppb
Sodium	23-2	1967.35	1994.87	1994.61	1985.61	0.80	ppb
Strontium	86-1	498.91	498.94	505.54	501.13	0.76	ppb
Strontium	88-1	503.48	505.02	507.55	505.35	0.41	ppb
Sulfur	34-1	-1869.19	-1990.68	-2059.93	-1973.27		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	194.76	193.80	195.25	194.60	0.38	ppb
Thallium	205-1	198.99	197.25	196.93	197.72	0.56	ppb
Tin	118-1	518.47	514.70	518.17	517.11	0.40	ppb
Titanium	47-1	497.70	494.55	496.57	496.27	0.32	ppb
Uranium	238-1	529.05	526.36	527.32	527.58	0.26	ppb
Vanadium	51-2	96.98	97.52	97.65	97.38	0.36	ppb
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	215.02	218.49	217.19	216.90	0.81	ppb
Zirconium	90-1	501.27	497.72	501.51	500.17	0.42	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:44:11	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.08	486.06	493.15	493.10	1.42	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:48:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.41	14.81	15.56	15.59	5.15	ppb
Antimony	121-1	2.22	2.21	2.15	2.19	1.76	ppb
Arsenic	75-2	0.92	1.02	0.93	0.96	5.80	ppb
Barium	135-1	9.76	9.84	9.97	9.85	1.09	ppb
Barium	137-1	10.08	9.83	10.21	10.04	1.92	ppb
Beryllium	9-1	1.09	1.03	1.05	1.06	3.00	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	11-1	39.19	37.96	38.37	38.51	1.62	ppb
Boron	10-1	40.84	39.77	37.71	39.44	4.04	ppb
Cadmium	106-1	-0.14	-0.17	1.91	0.53	223.57	ppb
Cadmium	108-1	1.09	1.16	1.09	1.11	3.85	ppb
Cadmium	111-1	0.93	1.00	1.15	1.03	10.70	ppb
Calcium	43-1	471.72	463.92	472.66	469.44	1.02	ppb
Calcium	44-1	462.86	472.17	462.45	465.83	1.18	ppb
Chromium	52-2	2.07	2.12	2.08	2.09	1.31	ppb
Cobalt	59-2	1.01	1.04	1.02	1.02	1.60	ppb
Copper	63-2	2.08	2.03	2.08	2.06	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				111		%
Iron	56-2	53.54	53.38	52.97	53.30	0.55	ppb
Iron	57-2	54.85	56.89	52.69	54.81	3.83	ppb
Lead	206-1	1.00	0.98	0.98	0.99	1.25	ppb
Lead	207-1	0.96	1.01	0.98	0.98	2.33	ppb
Lead	208-1	0.98	0.99	0.99	0.99	0.65	ppb
Lithium	6-1				97		%
Magnesium	24-2	492.36	486.87	482.18	487.14	1.05	ppb
Manganese	55-2	0.98	0.99	0.94	0.97	2.50	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:48:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	5.28	5.35	5.29	5.31	0.72	ppb
Molybdenum	94-1	5.56	5.24	5.32	5.38	3.09	ppb
Molybdenum	95-1	5.34	5.27	5.20	5.27	1.32	ppb
Molybdenum	96-1	5.29	5.36	5.10	5.25	2.60	ppb
Molybdenum	97-1	5.64	5.44	5.25	5.44	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.06	1.12	1.06	5.55	ppb
Phosphorus	31-2	-3.91	-2.74	-3.92	-3.52		ppb
Potassium	39-2	502.09	494.44	492.41	496.31	1.03	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	5.58	4.06	3.78	4.47	21.67	ppb
Selenium	78-2	5.44	4.66	5.16	5.09	7.75	ppb
Selenium	82-1	4.83	5.30	5.04	5.06	4.71	ppb
Silicon	28-1	12.34	12.30	11.82	12.15	2.40	ppb
Silver	109-1	1.04	1.11	1.04	1.06	3.65	ppb
Silver	107-1	1.05	1.09	1.08	1.07	2.19	ppb
Sodium	23-2	515.62	514.27	509.37	513.08	0.64	ppb
Strontium	86-1	0.99	0.98	0.90	0.96	5.22	ppb
Strontium	88-1	1.00	1.02	0.98	1.00	1.97	ppb
Sulfur	34-1	-1963.81	-2072.91	-1996.25	-2010.99		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.96	1.05	0.96	0.99	5.09	ppb
Thallium	205-1	1.05	1.02	1.02	1.03	1.92	ppb
Tin	118-1	5.26	5.17	5.20	5.21	0.93	ppb
Titanium	47-1	4.73	4.82	4.96	4.84	2.37	ppb
Uranium	238-1	0.91	0.92	0.93	0.92	1.00	ppb
Vanadium	51-2	4.95	4.77	4.82	4.85	1.90	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	-2.25	-2.18	-2.19	-2.21		ppb
Zirconium	90-1	1.15	1.11	1.12	1.13	1.85	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:48:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.16	1.15	1.08	1.13	3.92	ppb

LB Number : LB97425 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-20 16:52:06 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.95	-4.22	-4.38	-4.19		ppb
Antimony	121-1	0.07	0.08	0.08	0.07	5.61	ppb
Arsenic	75-2	-0.02	0.00	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	29.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	11-1	9.78	9.47	8.93	9.39	4.55	ppb
Boron	10-1	9.68	9.48	8.92	9.36	4.20	ppb
Cadmium	106-1	-1.25	-0.04	-0.58	-0.62		ppb
Cadmium	108-1	0.05	-0.09	-0.09	-0.04		ppb
Cadmium	111-1	-0.09	0.00	-0.04	-0.04		ppb
Calcium	43-1	-1.74	-1.95	-1.71	-1.80		ppb
Calcium	44-1	-0.08	0.92	1.40	0.75	101.63	ppb
Chromium	52-2	-0.03	-0.02	0.00	-0.02		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.01	0.00	0.00	0.00	313.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	0.21	0.25	0.37	0.28	30.32	ppb
Iron	57-2	0.10	1.43	0.02	0.52	152.15	ppb
Lead	206-1	0.01	0.02	0.04	0.02	64.25	ppb
Lead	207-1	0.01	0.01	0.01	0.01	29.78	ppb
Lead	208-1	0.01	0.01	0.02	0.02	9.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.28	-0.28	0.15	-0.14		ppb
Manganese	55-2	-0.08	-0.09	-0.08	-0.08		ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:52:06	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.27	0.21	0.25	0.24	12.10	ppb
Molybdenum	94-1	0.20	0.17	0.20	0.19	9.17	ppb
Molybdenum	95-1	0.23	0.23	0.23	0.23	0.94	ppb
Molybdenum	96-1	0.28	0.23	0.21	0.24	14.54	ppb
Molybdenum	97-1	0.24	0.26	0.21	0.24	11.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.07	-0.04	-0.05		ppb
Phosphorus	31-2	-8.38	-19.63	5.66	-7.45		ppb
Potassium	39-2	4.41	2.48	3.85	3.58	27.66	ppb
Rhodium	103-1				107		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	77-2	-0.19	-0.19	0.06	-0.10		ppb
Selenium	78-2	0.01	0.04	-0.52	-0.16		ppb
Selenium	82-1	0.40	-0.10	-0.07	0.08	369.60	ppb
Silicon	28-1	-3.53	-3.73	-3.17	-3.47		ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.73	ppb
Silver	107-1	0.01	0.01	0.00	0.01	40.09	ppb
Sodium	23-2	17.44	16.67	17.45	17.18	2.60	ppb
Strontium	86-1	-0.04	-0.03	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1871.45	-1782.07	-1608.19	-1753.90		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.01	0.01	0.01	31.10	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.10	ppb
Tin	118-1	0.07	0.08	0.09	0.08	9.63	ppb
Titanium	47-1	0.03	0.03	-0.02	0.01	287.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	337.22	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	59.02	ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%
Zinc	66-2	-4.62	-4.55	-4.47	-4.54		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	26.46	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:52:06	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	48.59	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:55:41	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92421.06	92013.81	101448.03	95294.30	5.60	ppb
Antimony	121-1	1.18	1.25	1.22	1.22	2.74	ppb
Arsenic	75-2	0.36	0.28	0.40	0.35	16.40	ppb
Barium	135-1	1.58	1.58	1.61	1.59	1.11	ppb
Barium	137-1	1.46	1.56	1.52	1.51	3.42	ppb
Beryllium	9-1	0.31	0.28	0.35	0.31	10.70	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	11-1	9.66	9.30	8.93	9.30	3.89	ppb
Boron	10-1	10.66	9.40	8.60	9.55	10.88	ppb
Cadmium	106-1	-2.03	-0.98	-1.38	-1.46		ppb
Cadmium	108-1	13.33	12.74	13.20	13.09	2.37	ppb
Cadmium	111-1	0.42	0.49	0.36	0.42	15.53	ppb
Calcium	43-1	96626.10	96370.78	96465.33	96487.41	0.13	ppb
Calcium	44-1	96147.38	96044.60	96045.45	96079.14	0.06	ppb
Chromium	52-2	19.37	19.24	21.21	19.94	5.52	ppb
Cobalt	59-2	1.13	1.17	1.25	1.19	5.32	ppb
Copper	63-2	7.58	7.74	8.43	7.92	5.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	100288.71	101349.13	110057.65	103898.49	5.16	ppb
Iron	57-2	99512.57	100222.79	110734.80	103490.05	6.07	ppb
Lead	206-1	4.87	4.67	4.72	4.75	2.14	ppb
Lead	207-1	4.18	4.17	4.04	4.13	1.85	ppb
Lead	208-1	4.48	4.38	4.37	4.41	1.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	98487.99	96886.30	107660.76	101011.68	5.76	ppb
Manganese	55-2	7.77	7.91	8.65	8.11	5.79	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:55:41	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1939.99	1945.44	1923.16	1936.19	0.60	ppb
Molybdenum	94-1	1343.58	1344.06	1343.59	1343.75	0.02	ppb
Molybdenum	95-1	1941.78	1933.52	1928.83	1934.71	0.34	ppb
Molybdenum	96-1	1871.62	1861.70	1843.23	1858.85	0.78	ppb
Molybdenum	97-1	1938.54	1928.47	1908.54	1925.18	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.26	5.21	5.79	5.42	5.87	ppb
Phosphorus	31-2	96531.66	96888.18	105440.01	99619.95	5.06	ppb
Potassium	39-2	99081.22	98783.95	107972.88	101946.02	5.12	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.14	-0.14	0.34	0.02	1184.09	ppb
Selenium	82-1	0.30	0.13	0.22	0.21	39.58	ppb
Silicon	28-1	17.34	17.69	17.54	17.52	1.01	ppb
Silver	109-1	0.05	0.06	0.07	0.06	11.62	ppb
Silver	107-1	0.05	0.06	0.07	0.06	16.60	ppb
Sodium	23-2	100789.52	98915.54	110697.40	103467.49	6.12	ppb
Strontium	86-1	33.49	32.76	33.56	33.27	1.34	ppb
Strontium	88-1	33.47	33.32	33.25	33.35	0.35	ppb
Sulfur	34-1	83662.49	83076.97	83248.08	83329.18	0.36	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.09	0.08	0.08	10.96	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	4.67	ppb
Tin	118-1	0.22	0.19	0.20	0.21	7.11	ppb
Titanium	47-1	1995.10	1996.62	1973.06	1988.26	0.66	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.63	ppb
Vanadium	51-2	0.16	0.15	0.18	0.16	11.95	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	7.56	7.61	8.95	8.04	9.78	ppb
Zirconium	90-1	0.11	0.10	0.10	0.10	6.27	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:55:41	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.08	0.08	8.66	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:05:15	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94288.79	92850.43	93979.89	93706.37	0.81	ppb
Antimony	121-1	21.40	21.23	21.78	21.47	1.30	ppb
Arsenic	75-2	20.36	19.97	20.38	20.24	1.14	ppb
Barium	135-1	22.14	21.92	22.22	22.09	0.71	ppb
Barium	137-1	22.52	22.01	22.47	22.33	1.26	ppb
Beryllium	9-1	20.40	20.71	20.68	20.60	0.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	11-1	69.63	70.22	70.03	69.96	0.43	ppb
Boron	10-1	69.50	69.71	70.35	69.85	0.63	ppb
Cadmium	106-1	24.81	21.95	23.31	23.36	6.13	ppb
Cadmium	108-1	37.43	36.03	35.93	36.46	2.29	ppb
Cadmium	111-1	21.39	21.08	21.13	21.20	0.79	ppb
Calcium	43-1	98533.16	97493.92	98255.07	98094.05	0.55	ppb
Calcium	44-1	98103.08	97811.53	98196.12	98036.91	0.20	ppb
Chromium	52-2	39.24	39.63	38.83	39.23	1.02	ppb
Cobalt	59-2	20.59	20.97	20.76	20.77	0.91	ppb
Copper	63-2	27.54	27.30	27.20	27.35	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	102175.40	103290.61	102085.67	102517.23	0.65	ppb
Iron	57-2	101594.06	102838.43	101980.11	102137.53	0.62	ppb
Lead	206-1	26.00	25.61	25.73	25.78	0.79	ppb
Lead	207-1	23.71	23.46	23.74	23.64	0.66	ppb
Lead	208-1	24.63	24.35	24.57	24.52	0.60	ppb
Lithium	6-1				95		%
Magnesium	24-2	100438.08	99066.14	100559.23	100021.15	0.83	ppb
Manganese	55-2	27.13	27.85	26.95	27.31	1.74	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:05:15	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2013.59	1985.61	2006.55	2001.92	0.73	ppb
Molybdenum	94-1	1482.35	1460.98	1485.77	1476.37	0.91	ppb
Molybdenum	95-1	2014.35	1983.40	2009.60	2002.45	0.83	ppb
Molybdenum	96-1	1947.65	1906.38	1928.68	1927.57	1.07	ppb
Molybdenum	97-1	2017.38	1987.70	2002.71	2002.60	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.26	25.14	25.06	25.16	0.40	ppb
Phosphorus	31-2	98184.19	96385.47	97910.73	97493.46	0.99	ppb
Potassium	39-2	101056.41	100554.32	101277.68	100962.80	0.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	77-2	17.50	21.05	24.65	21.07	16.97	ppb
Selenium	78-2	20.28	19.03	20.39	19.90	3.80	ppb
Selenium	82-1	19.85	19.82	19.73	19.80	0.31	ppb
Silicon	28-1	72.38	71.85	73.11	72.45	0.87	ppb
Silver	109-1	19.95	19.65	19.94	19.85	0.88	ppb
Silver	107-1	20.00	19.61	20.17	19.92	1.44	ppb
Sodium	23-2	103970.50	102173.23	104056.49	103400.07	1.03	ppb
Strontium	86-1	87.98	87.10	87.50	87.52	0.50	ppb
Strontium	88-1	88.78	87.74	87.63	88.05	0.72	ppb
Sulfur	34-1	84491.90	83684.18	85163.09	84446.39	0.88	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	20.61	20.88	21.21	20.90	1.44	ppb
Thallium	205-1	21.03	20.95	21.04	21.01	0.23	ppb
Tin	118-1	55.18	54.12	55.07	54.79	1.06	ppb
Titanium	47-1	2079.61	2081.21	2060.53	2073.78	0.55	ppb
Uranium	238-1	51.83	51.43	51.79	51.68	0.43	ppb
Vanadium	51-2	20.03	19.98	19.84	19.95	0.50	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	26.81	26.24	26.19	26.42	1.31	ppb
Zirconium	90-1	53.76	52.82	53.32	53.30	0.88	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:05:15	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	53.85	53.49	53.39	53.58	0.45	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:08:54	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54347.90	54374.74	54954.61	54559.08	0.63	ppb
Antimony	121-1	519.86	519.90	518.76	519.51	0.12	ppb
Arsenic	75-2	501.34	496.67	503.72	500.58	0.72	ppb
Barium	135-1	2619.31	2614.36	2623.59	2619.09	0.18	ppb
Barium	137-1	2626.32	2590.74	2604.65	2607.23	0.69	ppb
Beryllium	9-1	516.81	516.47	508.06	513.78	0.96	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	11-1	508.11	523.11	526.75	519.32	1.90	ppb
Boron	10-1	506.12	531.82	521.91	519.95	2.49	ppb
Cadmium	106-1	512.45	510.55	514.52	512.51	0.39	ppb
Cadmium	108-1	500.68	514.15	498.79	504.54	1.66	ppb
Cadmium	111-1	501.10	500.90	502.56	501.52	0.18	ppb
Calcium	43-1	252572.95	250667.14	248842.29	250694.12	0.74	ppb
Calcium	44-1	252523.08	250227.01	250390.11	251046.73	0.51	ppb
Chromium	52-2	515.69	518.32	518.96	517.66	0.34	ppb
Cobalt	59-2	495.24	498.26	503.67	499.06	0.86	ppb
Copper	63-2	953.20	947.48	969.38	956.69	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	131679.51	131663.21	133650.60	132331.11	0.86	ppb
Iron	57-2	131308.79	132695.69	133839.08	132614.52	0.96	ppb
Lead	206-1	529.24	528.13	523.07	526.81	0.62	ppb
Lead	207-1	530.60	522.68	522.09	525.13	0.90	ppb
Lead	208-1	527.67	524.31	521.95	524.64	0.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	253598.92	255053.41	256540.19	255064.17	0.58	ppb
Manganese	55-2	1018.37	1022.59	1030.71	1023.89	0.61	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:08:54	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2566.19	2569.76	2563.67	2566.54	0.12	ppb
Molybdenum	94-1	2563.30	2573.71	2562.32	2566.44	0.25	ppb
Molybdenum	95-1	2559.31	2589.85	2557.75	2568.97	0.70	ppb
Molybdenum	96-1	2553.13	2586.87	2554.32	2564.77	0.75	ppb
Molybdenum	97-1	2554.59	2580.53	2565.18	2566.77	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.69	498.25	504.98	499.97	0.88	ppb
Phosphorus	31-2	10086.56	10113.08	10223.75	10141.13	0.72	ppb
Potassium	39-2	129170.15	128851.48	130407.40	129476.34	0.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	77-2	459.98	474.40	482.58	472.32	2.42	ppb
Selenium	78-2	495.84	487.43	485.14	489.47	1.15	ppb
Selenium	82-1	485.58	483.80	480.35	483.24	0.55	ppb
Silicon	28-1	497.78	512.21	513.75	507.92	1.73	ppb
Silver	109-1	508.04	507.99	508.18	508.07	0.02	ppb
Silver	107-1	508.74	511.00	509.57	509.77	0.22	ppb
Sodium	23-2	260786.43	260654.58	264219.52	261886.84	0.77	ppb
Strontium	86-1	507.40	509.56	506.44	507.80	0.31	ppb
Strontium	88-1	516.44	518.88	513.24	516.19	0.55	ppb
Sulfur	34-1	9018.24	9003.76	8847.37	8956.45	1.06	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	525.74	528.97	525.08	526.60	0.39	ppb
Thallium	205-1	527.58	531.62	525.81	528.34	0.56	ppb
Tin	118-1	526.17	523.79	523.76	524.57	0.26	ppb
Titanium	47-1	2561.10	2572.15	2541.63	2558.29	0.60	ppb
Uranium	238-1	524.70	527.67	526.49	526.28	0.28	ppb
Vanadium	51-2	510.77	508.19	511.17	510.04	0.32	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	929.12	931.80	954.95	938.62	1.51	ppb
Zirconium	90-1	514.31	517.09	515.30	515.57	0.27	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:08:54	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.98	515.92	514.52	514.80	0.19	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:14:36	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	-1.31	0.05	-0.31		ppb
Antimony	121-1	0.21	0.17	0.20	0.19	9.13	ppb
Arsenic	75-2	0.04	0.00	-0.01	0.01	288.90	ppb
Barium	135-1	0.08	0.07	0.10	0.08	20.43	ppb
Barium	137-1	0.08	0.07	0.06	0.07	16.99	ppb
Beryllium	9-1	0.04	0.02	0.05	0.04	43.77	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	7.91	7.68	7.65	7.74	1.83	ppb
Boron	10-1	7.88	7.65	7.02	7.52	5.96	ppb
Cadmium	106-1	-1.24	-0.84	-1.67	-1.25		ppb
Cadmium	108-1	-0.03	0.00	0.03	0.00	3104.61	ppb
Cadmium	111-1	-0.07	-0.05	-0.11	-0.08		ppb
Calcium	43-1	4.38	8.01	5.98	6.12	29.66	ppb
Calcium	44-1	10.71	10.49	10.92	10.70	2.01	ppb
Chromium	52-2	0.01	-0.01	-0.01	0.00		ppb
Cobalt	59-2	0.03	0.01	0.01	0.02	60.50	ppb
Copper	63-2	0.15	0.15	0.14	0.15	6.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				113		%
Iron	56-2	16.45	6.81	6.76	10.01	55.75	ppb
Iron	57-2	21.79	7.58	6.45	11.94	71.55	ppb
Lead	206-1	0.03	0.03	0.03	0.03	3.21	ppb
Lead	207-1	0.04	0.03	0.03	0.03	19.53	ppb
Lead	208-1	0.03	0.02	0.03	0.03	11.93	ppb
Lithium	6-1				99		%
Magnesium	24-2	10.43	9.01	9.39	9.61	7.65	ppb
Manganese	55-2	0.03	-0.05	-0.03	-0.02		ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:14:36	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.02	0.95	0.94	0.97	4.67	ppb
Molybdenum	94-1	0.82	0.77	0.68	0.76	9.84	ppb
Molybdenum	95-1	1.07	0.93	0.91	0.97	8.74	ppb
Molybdenum	96-1	1.00	0.91	0.94	0.95	4.36	ppb
Molybdenum	97-1	1.16	1.05	0.93	1.05	11.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.04	-0.02		ppb
Phosphorus	31-2	-27.44	5.06	-9.92	-10.77		ppb
Potassium	39-2	30.07	22.50	19.45	24.01	22.80	ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	77-2	0.06	0.06	-0.19	-0.02		ppb
Selenium	78-2	0.79	0.04	0.38	0.40	93.53	ppb
Selenium	82-1	-0.21	0.16	0.27	0.07	339.52	ppb
Silicon	28-1	-3.92	-4.35	-4.27	-4.18		ppb
Silver	109-1	0.06	0.05	0.05	0.05	8.16	ppb
Silver	107-1	0.05	0.06	0.04	0.05	16.93	ppb
Sodium	23-2	41.34	39.54	38.60	39.83	3.49	ppb
Strontium	86-1	-0.01	0.01	0.02	0.01	260.82	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	2.29	ppb
Sulfur	34-1	-2324.19	-2497.87	-2339.15	-2387.07		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.07	0.07	0.07	11.73	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	4.16	ppb
Tin	118-1	0.09	0.08	0.06	0.08	20.08	ppb
Titanium	47-1	0.15	0.16	0.16	0.15	3.58	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.56	ppb
Vanadium	51-2	0.05	0.02	0.03	0.03	47.76	ppb
Yttrium	89-1				114		%
Yttrium	89-2				115		%
Zinc	66-2	-4.51	-4.50	-4.47	-4.49		ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	16.47	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:14:36	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.03	0.03	33.85	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:18:10	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.11	18.67	19.75	19.84	6.18	ppb
Antimony	121-1	2.08	2.08	2.12	2.09	1.22	ppb
Arsenic	75-2	0.98	0.95	0.95	0.96	2.01	ppb
Barium	135-1	9.78	9.93	10.03	9.91	1.28	ppb
Barium	137-1	9.96	9.84	10.33	10.05	2.56	ppb
Beryllium	9-1	1.11	0.98	1.10	1.06	6.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	28.90	28.56	28.84	28.76	0.63	ppb
Boron	10-1	28.48	28.74	29.31	28.84	1.48	ppb
Cadmium	106-1	0.64	2.04	0.72	1.13	69.35	ppb
Cadmium	108-1	1.20	0.93	0.97	1.03	14.14	ppb
Cadmium	111-1	1.01	1.13	1.02	1.05	6.20	ppb
Calcium	43-1	477.01	476.52	485.74	479.76	1.08	ppb
Calcium	44-1	471.41	469.57	470.02	470.33	0.20	ppb
Chromium	52-2	2.06	2.07	2.11	2.08	1.46	ppb
Cobalt	59-2	1.01	1.00	1.00	1.00	0.44	ppb
Copper	63-2	2.17	2.16	2.14	2.15	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				115		%
Iron	56-2	53.84	54.62	53.83	54.10	0.84	ppb
Iron	57-2	54.30	58.87	57.26	56.81	4.08	ppb
Lead	206-1	0.97	0.99	1.03	1.00	3.41	ppb
Lead	207-1	0.95	0.92	1.01	0.96	4.45	ppb
Lead	208-1	0.98	0.97	1.02	0.99	2.48	ppb
Lithium	6-1				100		%
Magnesium	24-2	484.65	485.10	487.35	485.70	0.30	ppb
Manganese	55-2	0.96	1.04	0.99	1.00	4.10	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:18:10	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	5.29	5.26	5.12	5.23	1.72	ppb
Molybdenum	94-1	5.17	5.40	5.24	5.27	2.31	ppb
Molybdenum	95-1	5.20	5.32	5.13	5.22	1.83	ppb
Molybdenum	96-1	5.19	5.12	5.18	5.17	0.72	ppb
Molybdenum	97-1	4.89	5.30	5.14	5.11	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.06	1.09	1.07	1.43	ppb
Phosphorus	31-2	5.98	10.72	-6.86	3.28	277.23	ppb
Potassium	39-2	505.87	505.95	506.85	506.23	0.11	ppb
Rhodium	103-1				113		%
Rhodium	103-2				115		%
Scandium	45-1				115		%
Scandium	45-2				118		%
Selenium	77-2	4.84	4.11	3.62	4.19	14.61	ppb
Selenium	78-2	5.60	4.92	5.39	5.30	6.55	ppb
Selenium	82-1	5.20	5.11	5.09	5.13	1.17	ppb
Silicon	28-1	9.29	9.00	9.82	9.37	4.41	ppb
Silver	109-1	1.11	1.06	1.11	1.09	2.76	ppb
Silver	107-1	1.07	1.11	1.13	1.10	2.47	ppb
Sodium	23-2	515.12	520.04	515.38	516.85	0.54	ppb
Strontium	86-1	0.98	0.93	0.93	0.95	2.76	ppb
Strontium	88-1	0.99	0.99	0.97	0.98	1.52	ppb
Sulfur	34-1	-2189.81	-2251.41	-2153.72	-2198.31		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.98	1.03	1.04	1.01	3.14	ppb
Thallium	205-1	1.02	1.04	1.03	1.03	0.53	ppb
Tin	118-1	5.10	5.16	5.02	5.09	1.39	ppb
Titanium	47-1	4.80	4.97	4.84	4.87	1.81	ppb
Uranium	238-1	0.89	0.88	0.90	0.89	1.40	ppb
Vanadium	51-2	4.77	4.78	4.88	4.81	1.20	ppb
Yttrium	89-1				116		%
Yttrium	89-2				117		%
Zinc	66-2	-0.09	0.08	0.31	0.10	194.60	ppb
Zirconium	90-1	1.02	1.02	1.02	1.02	0.17	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:18:10	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	0.95	1.02	0.98	3.88	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:21:45	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	845.60	826.92	847.79	840.10	1.37	ppb
Antimony	121-1	209.09	207.75	209.10	208.65	0.37	ppb
Arsenic	75-2	69.57	69.65	70.62	69.95	0.84	ppb
Barium	135-1	838.40	823.18	833.61	831.73	0.94	ppb
Barium	137-1	848.87	838.83	839.73	842.48	0.66	ppb
Beryllium	9-1	134.01	131.83	134.08	133.30	0.96	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	11-1	456.73	464.51	472.40	464.55	1.69	ppb
Boron	10-1	464.73	466.32	473.73	468.26	1.03	ppb
Cadmium	106-1	107.12	104.51	104.64	105.42	1.40	ppb
Cadmium	108-1	110.47	113.60	112.24	112.10	1.40	ppb
Cadmium	111-1	128.23	126.01	127.46	127.23	0.89	ppb
Calcium	43-1	43.82	41.24	45.17	43.41	4.60	ppb
Calcium	44-1	28.04	28.13	28.54	28.24	0.93	ppb
Chromium	52-2	66.20	66.08	66.65	66.31	0.45	ppb
Cobalt	59-2	271.03	270.28	269.82	270.38	0.23	ppb
Copper	63-2	324.23	324.14	320.82	323.06	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	56-2	1063.44	1066.43	1062.60	1064.15	0.19	ppb
Iron	57-2	1065.67	1077.36	1079.32	1074.11	0.69	ppb
Lead	206-1	688.27	681.67	694.64	688.20	0.94	ppb
Lead	207-1	630.33	630.17	626.94	629.15	0.30	ppb
Lead	208-1	656.55	654.81	655.41	655.59	0.14	ppb
Lithium	6-1				95		%
Magnesium	24-2	-0.01	0.12	0.40	0.17	124.43	ppb
Manganese	55-2	629.01	630.17	630.16	629.78	0.11	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:21:45	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.47	0.45	0.42	0.45	5.86	ppb
Molybdenum	94-1	0.36	0.37	0.29	0.34	13.98	ppb
Molybdenum	95-1	0.42	0.41	0.39	0.41	4.10	ppb
Molybdenum	96-1	0.46	0.45	0.36	0.42	12.70	ppb
Molybdenum	97-1	0.46	0.45	0.38	0.43	10.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	589.70	588.18	587.68	588.52	0.18	ppb
Phosphorus	31-2	-24.48	-18.78	-6.37	-16.54		ppb
Potassium	39-2	15.64	11.08	17.25	14.66	21.83	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				114		%
Selenium	77-2	382.48	401.59	353.78	379.28	6.34	ppb
Selenium	78-2	373.15	374.06	374.51	373.90	0.19	ppb
Selenium	82-1	363.25	371.94	370.17	368.46	1.25	ppb
Silicon	28-1	51.60	53.33	53.54	52.82	2.02	ppb
Silver	109-1	466.50	464.48	466.97	465.99	0.28	ppb
Silver	107-1	469.81	468.06	465.56	467.81	0.46	ppb
Sodium	23-2	32.51	33.14	31.87	32.51	1.96	ppb
Strontium	86-1	66.41	67.15	67.22	66.93	0.67	ppb
Strontium	88-1	65.51	67.51	65.75	66.26	1.65	ppb
Sulfur	34-1	-1981.35	-1883.50	-1857.57	-1907.47		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	352.56	355.38	356.55	354.83	0.58	ppb
Thallium	205-1	353.65	353.27	358.31	355.07	0.79	ppb
Tin	118-1	0.03	0.02	0.04	0.03	35.45	ppb
Titanium	47-1	0.05	0.06	0.08	0.06	19.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	218.04	218.32	218.34	218.24	0.08	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	471.82	473.76	470.99	472.19	0.30	ppb
Zirconium	90-1	0.05	0.03	0.04	0.04	18.75	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:21:45	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.04	0.05	33.70	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-03DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:25:19	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	841.58	853.75	856.67	850.67	0.94	ppb
Antimony	121-1	214.77	211.32	212.06	212.72	0.85	ppb
Arsenic	75-2	70.15	71.24	70.71	70.70	0.77	ppb
Barium	135-1	845.63	835.65	840.14	840.47	0.59	ppb
Barium	137-1	856.52	845.06	851.22	850.93	0.67	ppb
Beryllium	9-1	137.11	136.92	136.93	136.99	0.08	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	11-1	473.09	469.15	487.51	476.58	2.03	ppb
Boron	10-1	474.26	489.13	491.11	484.83	1.90	ppb
Cadmium	106-1	107.87	107.50	109.43	108.27	0.95	ppb
Cadmium	108-1	110.14	113.23	111.65	111.67	1.38	ppb
Cadmium	111-1	130.35	129.03	130.12	129.83	0.54	ppb
Calcium	43-1	43.21	48.29	39.38	43.63	10.24	ppb
Calcium	44-1	27.18	26.10	26.24	26.50	2.22	ppb
Chromium	52-2	67.31	67.27	67.19	67.25	0.09	ppb
Cobalt	59-2	270.93	271.97	272.02	271.64	0.23	ppb
Copper	63-2	324.23	327.15	326.97	326.12	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	56-2	1071.46	1076.49	1066.87	1071.61	0.45	ppb
Iron	57-2	1059.75	1070.29	1058.84	1062.96	0.60	ppb
Lead	206-1	704.75	688.57	684.76	692.69	1.53	ppb
Lead	207-1	641.26	633.47	629.71	634.81	0.93	ppb
Lead	208-1	669.51	662.78	654.75	662.35	1.12	ppb
Lithium	6-1				94		%
Magnesium	24-2	-0.12	-0.22	-0.38	-0.24		ppb
Manganese	55-2	637.94	639.56	638.56	638.69	0.13	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-03DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:25:19	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.29	0.27	0.26	0.27	6.12	ppb
Molybdenum	94-1	0.25	0.21	0.21	0.22	10.95	ppb
Molybdenum	95-1	0.23	0.23	0.23	0.23	1.01	ppb
Molybdenum	96-1	0.27	0.25	0.26	0.26	5.55	ppb
Molybdenum	97-1	0.27	0.21	0.25	0.24	13.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	590.99	597.61	595.10	594.57	0.56	ppb
Phosphorus	31-2	-12.42	-11.14	0.69	-7.62		ppb
Potassium	39-2	11.51	15.00	15.27	13.93	15.08	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				114		%
Selenium	77-2	380.72	374.84	389.38	381.65	1.92	ppb
Selenium	78-2	370.84	378.93	373.33	374.37	1.11	ppb
Selenium	82-1	379.08	374.58	372.54	375.40	0.89	ppb
Silicon	28-1	55.03	53.47	53.82	54.10	1.52	ppb
Silver	109-1	477.15	471.36	472.19	473.57	0.66	ppb
Silver	107-1	474.81	469.91	473.10	472.61	0.53	ppb
Sodium	23-2	30.29	29.52	30.16	29.99	1.36	ppb
Strontium	86-1	68.84	68.14	67.08	68.02	1.31	ppb
Strontium	88-1	67.23	66.35	65.93	66.51	1.00	ppb
Sulfur	34-1	-1572.63	-1780.17	-1753.95	-1702.25		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	360.70	352.80	352.13	355.21	1.34	ppb
Thallium	205-1	361.44	355.29	353.79	356.84	1.14	ppb
Tin	118-1	0.03	0.02	0.03	0.03	30.10	ppb
Titanium	47-1	0.03	0.07	0.04	0.05	42.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	220.41	219.02	220.53	219.99	0.38	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	474.64	476.50	477.53	476.23	0.31	ppb
Zirconium	90-1	0.04	0.04	0.05	0.05	16.22	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-03DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:25:19	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.10	0.07	0.08	23.10	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:28:53	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.81	19.00	24.51	21.44	13.10	ppb
Antimony	121-1	0.21	0.19	0.19	0.20	4.91	ppb
Arsenic	75-2	-0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.18	0.16	0.15	0.16	10.83	ppb
Barium	137-1	0.18	0.10	0.10	0.13	35.66	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	9.13	ppb
Bismuth	209-1				105		%
Bismuth	209-2				92		%
Boron	11-1	96.13	87.51	92.03	91.89	4.69	ppb
Boron	10-1	99.48	84.48	89.72	91.23	8.34	ppb
Cadmium	106-1	-0.07	-0.59	1.13	0.16	558.47	ppb
Cadmium	108-1	1.19	1.06	1.37	1.21	12.61	ppb
Cadmium	111-1	0.04	-0.01	0.09	0.04	136.68	ppb
Calcium	43-1	2.46	0.76	2.24	1.82	50.58	ppb
Calcium	44-1	9.20	4.81	6.09	6.70	33.63	ppb
Chromium	52-2	0.08	0.05	0.09	0.07	26.58	ppb
Cobalt	59-2	0.08	0.06	0.07	0.07	15.88	ppb
Copper	63-2	0.11	0.14	0.17	0.14	19.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				97		%
Indium	115-1				115		%
Indium	115-2				102		%
Iron	56-2	1.09	1.15	1.59	1.28	21.20	ppb
Iron	57-2	1.30	2.11	1.87	1.76	23.74	ppb
Lead	206-1	0.18	0.14	0.13	0.15	17.17	ppb
Lead	207-1	0.16	0.12	0.14	0.14	17.14	ppb
Lead	208-1	0.17	0.14	0.13	0.15	13.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.07	0.38	0.41	0.24	113.20	ppb
Manganese	55-2	0.00	0.02	0.03	0.02	72.38	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:28:53	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	112.14	100.66	106.19	106.33	5.40	ppb
Molybdenum	94-1	80.60	72.19	76.03	76.27	5.52	ppb
Molybdenum	95-1	113.25	101.42	107.40	107.36	5.51	ppb
Molybdenum	96-1	107.89	97.02	102.14	102.35	5.31	ppb
Molybdenum	97-1	113.31	101.62	106.95	107.29	5.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.20	0.31	0.25	22.19	ppb
Phosphorus	31-2	-13.17	-1.84	8.75	-2.09		ppb
Potassium	39-2	14.69	14.23	39.53	22.82	63.43	ppb
Rhodium	103-1				115		%
Rhodium	103-2				104		%
Scandium	45-1				117		%
Scandium	45-2				108		%
Selenium	77-2	0.06	-0.19	-0.19	-0.10		ppb
Selenium	78-2	0.62	0.28	0.54	0.48	37.14	ppb
Selenium	82-1	0.04	-0.19	0.28	0.04	560.50	ppb
Silicon	28-1	588.06	525.14	565.28	559.49	5.69	ppb
Silver	109-1	0.11	0.08	0.06	0.08	27.77	ppb
Silver	107-1	0.11	0.07	0.07	0.08	24.45	ppb
Sodium	23-2	84.33	84.73	99.80	89.62	9.84	ppb
Strontium	86-1	0.00	-0.03	-0.02	-0.02		ppb
Strontium	88-1	0.02	0.01	0.02	0.02	23.35	ppb
Sulfur	34-1	-1984.88	-2608.17	-2246.45	-2279.83		ppb
Terbium	159-1				111		%
Terbium	159-2				98		%
Thallium	203-1	0.12	0.08	0.10	0.10	18.64	ppb
Thallium	205-1	0.13	0.10	0.10	0.11	12.22	ppb
Tin	118-1	1051.57	941.21	998.85	997.21	5.54	ppb
Titanium	47-1	33.40	30.40	31.38	31.72	4.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	11.68	ppb
Yttrium	89-1				118		%
Yttrium	89-2				106		%
Zinc	66-2	-4.05	-4.46	-3.93	-4.15		ppb
Zirconium	90-1	0.85	0.71	0.75	0.77	9.90	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:28:53	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.82	0.70	0.78	0.77	8.30	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-05DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:32:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.41	18.57	20.28	18.75	7.69	ppb
Antimony	121-1	0.17	0.19	0.19	0.18	4.89	ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	0.12	0.09	0.07	0.09	28.98	ppb
Barium	137-1	0.05	0.09	0.08	0.07	23.68	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	66.28	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	11-1	87.09	88.23	89.73	88.35	1.50	ppb
Boron	10-1	87.86	90.09	91.47	89.81	2.03	ppb
Cadmium	106-1	0.27	0.00	-0.38	-0.04		ppb
Cadmium	108-1	0.88	0.96	0.83	0.89	7.44	ppb
Cadmium	111-1	0.04	0.02	0.01	0.03	61.07	ppb
Calcium	43-1	1.35	1.08	1.18	1.20	11.16	ppb
Calcium	44-1	6.43	6.63	6.11	6.39	4.13	ppb
Chromium	52-2	0.10	0.09	0.11	0.10	10.47	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	6.13	ppb
Copper	63-2	0.11	0.11	0.13	0.12	9.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	1.11	1.18	1.08	1.12	4.91	ppb
Iron	57-2	1.97	1.88	1.45	1.77	15.61	ppb
Lead	206-1	0.07	0.09	0.10	0.09	16.11	ppb
Lead	207-1	0.06	0.08	0.08	0.07	17.96	ppb
Lead	208-1	0.07	0.08	0.09	0.08	11.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.20	-0.19	-0.49	-0.29		ppb
Manganese	55-2	-0.05	-0.05	-0.04	-0.05		ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-05DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:32:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	112.36	111.80	113.05	112.40	0.56	ppb
Molybdenum	94-1	80.38	80.24	80.08	80.24	0.19	ppb
Molybdenum	95-1	111.82	112.36	112.71	112.30	0.40	ppb
Molybdenum	96-1	106.51	106.98	108.31	107.27	0.87	ppb
Molybdenum	97-1	113.60	112.62	113.99	113.40	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.23	0.24	0.24	3.59	ppb
Phosphorus	31-2	13.39	-18.88	0.36	-1.71		ppb
Potassium	39-2	13.27	13.19	13.54	13.33	1.38	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.13	0.18	0.55	0.29	79.72	ppb
Selenium	82-1	0.34	-0.09	0.17	0.14	155.89	ppb
Silicon	28-1	592.13	592.17	595.61	593.30	0.34	ppb
Silver	109-1	0.03	0.03	0.03	0.03	3.98	ppb
Silver	107-1	0.03	0.03	0.03	0.03	2.37	ppb
Sodium	23-2	83.91	84.08	81.13	83.04	1.99	ppb
Strontium	86-1	0.02	-0.01	0.04	0.02	139.38	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.29	ppb
Sulfur	34-1	-1890.72	-2019.66	-1994.99	-1968.46		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.05	0.05	0.05	6.98	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	3.34	ppb
Tin	118-1	1047.84	1047.35	1046.84	1047.34	0.05	ppb
Titanium	47-1	34.20	33.25	33.65	33.70	1.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	14.57	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	-4.25	-4.12	-4.17	-4.18		ppb
Zirconium	90-1	0.73	0.70	0.70	0.71	2.55	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-05DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:32:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.65	0.68	0.72	0.68	4.65	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:36:02	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53771.90	50337.75	54704.75	52938.13	4.34	ppb
Antimony	121-1	525.71	513.10	519.90	519.57	1.22	ppb
Arsenic	75-2	490.47	458.36	498.05	482.30	4.37	ppb
Barium	135-1	2643.36	2585.04	2619.20	2615.86	1.12	ppb
Barium	137-1	2648.27	2577.42	2602.01	2609.23	1.38	ppb
Beryllium	9-1	517.12	510.60	508.17	511.97	0.90	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	11-1	512.00	527.37	518.35	519.24	1.49	ppb
Boron	10-1	516.75	519.81	520.63	519.06	0.39	ppb
Cadmium	106-1	529.17	511.77	514.01	518.32	1.83	ppb
Cadmium	108-1	518.40	503.82	506.92	509.71	1.51	ppb
Cadmium	111-1	510.54	497.53	500.83	502.97	1.35	ppb
Calcium	43-1	257576.83	250048.98	250659.33	252761.72	1.65	ppb
Calcium	44-1	256986.76	251162.28	249415.49	252521.51	1.57	ppb
Chromium	52-2	506.83	475.18	518.56	500.19	4.49	ppb
Cobalt	59-2	490.44	459.48	497.51	482.48	4.19	ppb
Copper	63-2	942.44	877.32	956.40	925.39	4.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	129694.56	122442.69	131643.53	127926.93	3.79	ppb
Iron	57-2	129424.00	121082.27	132321.28	127609.19	4.57	ppb
Lead	206-1	538.02	525.79	521.58	528.46	1.62	ppb
Lead	207-1	538.06	523.83	520.44	527.44	1.77	ppb
Lead	208-1	538.19	523.79	522.19	528.06	1.67	ppb
Lithium	6-1				93		%
Magnesium	24-2	252286.85	234690.79	256516.34	247831.33	4.67	ppb
Manganese	55-2	1002.79	945.63	1024.95	991.12	4.13	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:36:02	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2629.93	2552.18	2581.26	2587.79	1.52	ppb
Molybdenum	94-1	2628.30	2537.36	2585.13	2583.60	1.76	ppb
Molybdenum	95-1	2627.00	2552.11	2576.95	2585.35	1.48	ppb
Molybdenum	96-1	2627.45	2546.12	2579.18	2584.25	1.58	ppb
Molybdenum	97-1	2623.67	2549.96	2581.53	2585.05	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.12	458.67	498.81	483.20	4.45	ppb
Phosphorus	31-2	9908.38	9209.05	9936.50	9684.64	4.26	ppb
Potassium	39-2	126058.23	118908.31	129039.49	124668.68	4.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	77-2	489.40	460.68	490.93	480.34	3.55	ppb
Selenium	78-2	486.83	448.83	477.84	471.17	4.22	ppb
Selenium	82-1	497.54	483.01	484.19	488.25	1.65	ppb
Silicon	28-1	518.36	514.08	514.51	515.65	0.46	ppb
Silver	109-1	516.61	501.98	502.22	506.94	1.65	ppb
Silver	107-1	519.73	502.36	506.60	509.57	1.78	ppb
Sodium	23-2	259110.18	242556.46	264372.87	255346.50	4.46	ppb
Strontium	86-1	517.46	507.82	513.00	512.76	0.94	ppb
Strontium	88-1	522.86	511.75	511.99	515.53	1.23	ppb
Sulfur	34-1	10109.65	9588.32	9400.99	9699.65	3.79	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	536.34	529.36	528.17	531.29	0.83	ppb
Thallium	205-1	534.90	531.18	525.77	530.62	0.87	ppb
Tin	118-1	533.95	517.26	525.37	525.53	1.59	ppb
Titanium	47-1	2618.88	2553.14	2556.08	2576.04	1.44	ppb
Uranium	238-1	538.53	519.78	520.41	526.24	2.02	ppb
Vanadium	51-2	499.77	472.19	510.06	494.01	3.96	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	922.25	862.61	942.65	909.17	4.58	ppb
Zirconium	90-1	529.71	517.43	520.61	522.58	1.22	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:36:02	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	516.81	499.77	518.81	511.79	2.04	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:43:44	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.38	-3.28	-3.89	-3.52		ppb
Antimony	121-1	0.13	0.14	0.15	0.14	5.05	ppb
Arsenic	75-2	0.00	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.02	0.03	0.02	0.02	32.67	ppb
Barium	137-1	0.05	0.05	0.03	0.04	18.54	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	43.84	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	8.20	7.95	7.83	7.99	2.41	ppb
Boron	10-1	7.60	8.03	7.91	7.85	2.83	ppb
Cadmium	106-1	-1.79	-1.25	-1.62	-1.55		ppb
Cadmium	108-1	0.00	-0.06	-0.01	-0.02		ppb
Cadmium	111-1	-0.12	-0.08	-0.11	-0.10		ppb
Calcium	43-1	3.19	3.44	1.89	2.84	29.21	ppb
Calcium	44-1	3.97	4.17	3.66	3.93	6.51	ppb
Chromium	52-2	-0.01	-0.03	-0.02	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	32.50	ppb
Copper	63-2	0.05	0.04	0.07	0.06	24.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				113		%
Iron	56-2	2.22	2.02	2.07	2.10	4.82	ppb
Iron	57-2	3.28	1.82	3.42	2.84	31.14	ppb
Lead	206-1	0.03	0.01	0.02	0.02	65.44	ppb
Lead	207-1	0.02	0.02	0.02	0.02	23.75	ppb
Lead	208-1	0.02	0.02	0.02	0.02	20.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.72	2.80	3.25	2.92	9.77	ppb
Manganese	55-2	-0.06	-0.07	-0.08	-0.07		ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:43:44	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.51	0.45	0.37	0.44	15.74	ppb
Molybdenum	94-1	0.34	0.36	0.29	0.33	11.41	ppb
Molybdenum	95-1	0.47	0.43	0.39	0.43	9.33	ppb
Molybdenum	96-1	0.49	0.48	0.40	0.45	11.05	ppb
Molybdenum	97-1	0.50	0.46	0.36	0.44	15.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.04	0.00	-0.03		ppb
Phosphorus	31-2	-18.61	-14.35	-5.42	-12.79		ppb
Potassium	39-2	8.56	3.28	9.97	7.27	48.50	ppb
Rhodium	103-1				111		%
Rhodium	103-2				113		%
Scandium	45-1				112		%
Scandium	45-2				116		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.20	-0.17	-0.03	-0.13		ppb
Selenium	82-1	-0.49	0.29	-0.04	-0.08		ppb
Silicon	28-1	-4.67	-5.05	-4.83	-4.85		ppb
Silver	109-1	0.04	0.02	0.02	0.03	47.53	ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.15	ppb
Sodium	23-2	27.51	25.61	25.87	26.33	3.92	ppb
Strontium	86-1	-0.01	-0.04	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	17.52	ppb
Sulfur	34-1	-2110.28	-2171.16	-2200.04	-2160.49		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.04	0.05	0.04	12.58	ppb
Thallium	205-1	0.04	0.05	0.05	0.04	4.69	ppb
Tin	118-1	0.15	0.12	0.12	0.13	12.17	ppb
Titanium	47-1	0.04	0.04	0.01	0.03	67.11	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	15.02	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.15	ppb
Yttrium	89-1				113		%
Yttrium	89-2				115		%
Zinc	66-2	-4.50	-4.54	-4.38	-4.48		ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	32.64	ppb

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:43:44	DataFile Name :	026CCBE.d

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

LB Number : LB97425 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-20 16:03:45 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	675	667	708	683	3.23	cps
Antimony	121-1	83	183	242	169	47.26	cps
Arsenic	75-2	22	30	15	22	33.35	cps
Barium	135-1	75	58	92	75	22.22	cps
Barium	137-1	108	117	100	108	7.69	cps
Beryllium	9-1	67	72	39	59	30.13	cps
Bismuth	209-1	13189834	13389813	13271091	13283580	0.76	cps
Bismuth	209-2	8090377	8046515	8060039	8065644	0.28	cps
Boron	11-1	2142	2234	2250	2209	2.64	cps
Boron	10-1	517	442	408	456	12.18	cps
Cadmium	106-1	8119	7894	8344	8119	2.77	cps
Cadmium	108-1	29	13	38	26	48.24	cps
Cadmium	111-1	5676	5534	5815	5675	2.48	cps
Calcium	43-1	317	342	450	369	19.18	cps
Calcium	44-1	17394	17369	17770	17511	1.28	cps
Chromium	52-2	937	893	800	877	7.97	cps
Cobalt	59-2	110	117	103	110	6.06	cps
Copper	63-2	907	980	920	936	4.18	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	117	42	92	83	45.82	cps
Erbium	164-2	30	53	43	42	27.72	cps
Gadolinium	160-1	108	250	192	183	38.84	cps
Gadolinium	160-2	307	317	340	321	5.33	cps
Holmium	165-1	20400689	20600884	20576757	20526110	0.53	cps
Holmium	165-2	11068395	11101661	11093760	11087939	0.16	cps
Indium	115-1	16783960	16828812	16983463	16865411	0.62	cps
Indium	115-2	3470583	3488045	3468467	3475698	0.31	cps
Iron	56-2	6518	6707	6868	6698	2.62	cps
Iron	57-2	328	261	317	302	11.83	cps
Lead	206-1	633	522	561	572	9.85	cps
Lead	207-1	683	472	494	550	21.10	cps
Lead	208-1	2773	2317	2283	2458	11.12	cps
Lithium	6-1	6105599	6146826	6150726	6134384	0.41	cps
Magnesium	24-2	592	550	467	536	11.87	cps
Manganese	55-2	240	280	333	284	16.46	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:03:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	225	258	258	247	7.79	cps
Molybdenum	94-1	633	558	533	575	9.05	cps
Molybdenum	95-1	150	150	208	169	19.87	cps
Molybdenum	96-1	242	233	267	247	7.02	cps
Molybdenum	97-1	100	83	150	111	31.22	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	193	153	193	180	12.83	cps
Phosphorus	31-2	550	792	608	650	19.40	cps
Potassium	39-2	32177	32653	33689	32840	2.35	cps
Rhodium	103-1	16048445	16040727	15942123	16010432	0.37	cps
Rhodium	103-2	7951725	8062536	7996153	8003471	0.70	cps
Scandium	45-1	11419148	11497090	11505707	11473982	0.42	cps
Scandium	45-2	514075	514936	513085	514032	0.18	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	87	109	85	94	14.28	cps
Selenium	82-1	26	-6	14	11	147.98	cps
Silicon	28-1	441806	440766	437070	439881	0.57	cps
Silver	109-1	25	50	75	50	50.00	cps
Silver	107-1	142	125	133	133	6.25	cps
Sodium	23-2	11838	11713	11914	11822	0.86	cps
Strontium	86-1	1133	1025	1133	1097	5.70	cps
Strontium	88-1	333	292	275	300	10.02	cps
Sulfur	34-1	588105	590463	586796	588454	0.32	cps
Terbium	159-1	21076643	21214850	21155136	21148876	0.33	cps
Terbium	159-2	11016692	11052209	11024570	11031157	0.17	cps
Thallium	203-1	133	150	100	128	19.93	cps
Thallium	205-1	217	275	175	222	22.60	cps
Tin	118-1	1642	1934	2025	1867	10.72	cps
Titanium	47-1	158	217	142	172	22.87	cps
Uranium	238-1	142	142	133	139	3.46	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	17399040	17521352	17519763	17480052	0.40	cps
Yttrium	89-2	2646431	2670970	2662776	2660059	0.47	cps
Zinc	66-2	5184	5471	5631	5429	4.17	cps
Zirconium	90-1	1483	1592	1367	1481	7.60	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:03:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	308	342	356	15.61	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:12:21	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2750	2934	2650	2778	5.17	cps
Antimony	121-1	22828	23329	23395	23184	1.34	cps
Arsenic	75-2	394	519	463	459	13.55	cps
Barium	135-1	28798	28113	29014	28641	1.64	cps
Barium	137-1	50116	49798	48193	49369	2.09	cps
Beryllium	9-1	3567	3462	3534	3521	1.53	cps
Bismuth	209-1	12660670	12529277	12573744	12587897	0.53	cps
Bismuth	209-2	7553776	7549184	7642392	7581784	0.69	cps
Boron	11-1	54048	57143	58673	56621	4.16	cps
Boron	10-1	11989	12372	12122	12161	1.60	cps
Cadmium	106-1	7736	7836	7844	7805	0.77	cps
Cadmium	108-1	275	279	321	292	8.69	cps
Cadmium	111-1	8515	8340	8538	8464	1.28	cps
Calcium	43-1	19956	18921	19555	19477	2.68	cps
Calcium	44-1	329047	325926	326679	327218	0.50	cps
Chromium	52-2	8986	9460	9497	9314	3.06	cps
Cobalt	59-2	7109	6935	6845	6963	1.92	cps
Copper	63-2	10377	10801	10787	10655	2.26	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	67	67	83	72	13.33	cps
Erbium	164-2	60	57	30	49	33.63	cps
Gadolinium	160-1	175	217	233	208	14.42	cps
Gadolinium	160-2	300	270	317	296	8.00	cps
Holmium	165-1	19550497	19392278	19278155	19406977	0.70	cps
Holmium	165-2	10414868	10386257	10531003	10444043	0.73	cps
Indium	115-1	16029419	15832655	15958459	15940178	0.63	cps
Indium	115-2	3259976	3263866	3283384	3269075	0.38	cps
Iron	56-2	179293	179112	181260	179888	0.66	cps
Iron	57-2	4640	4929	4701	4756	3.20	cps
Lead	206-1	9782	9765	10265	9937	2.86	cps
Lead	207-1	9126	8770	9693	9196	5.06	cps
Lead	208-1	40097	40147	41420	40555	1.85	cps
Lithium	6-1	5719897	5680057	5726618	5708857	0.44	cps
Magnesium	24-2	155700	155574	157991	156422	0.87	cps
Manganese	55-2	2537	2527	2364	2476	3.93	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:12:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	48768	50005	48174	48982	1.91	cps
Molybdenum	94-1	26100	25048	24755	25301	2.79	cps
Molybdenum	95-1	29699	30533	31452	30561	2.87	cps
Molybdenum	96-1	33616	32429	33724	33256	2.16	cps
Molybdenum	97-1	18680	18529	19564	18924	2.95	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2037	1920	2007	1988	3.05	cps
Phosphorus	31-2	692	592	650	644	7.80	cps
Potassium	39-2	177416	174136	176522	176025	0.96	cps
Rhodium	103-1	15042052	14936500	14969228	14982594	0.36	cps
Rhodium	103-2	7579297	7581074	7635794	7598722	0.42	cps
Scandium	45-1	10803645	10627780	10713105	10714843	0.82	cps
Scandium	45-2	479045	481815	483881	481580	0.50	cps
Selenium	77-2	63	57	47	56	15.09	cps
Selenium	78-2	287	291	298	292	1.94	cps
Selenium	82-1	1329	1137	1214	1226	7.90	cps
Silicon	28-1	577077	580093	590862	582677	1.24	cps
Silver	109-1	15033	15826	15543	15467	2.60	cps
Silver	107-1	16427	16160	15859	16149	1.76	cps
Sodium	23-2	312713	310545	311395	311551	0.35	cps
Strontium	86-1	5243	5410	4834	5162	5.73	cps
Strontium	88-1	33573	34133	35161	34289	2.35	cps
Sulfur	34-1	602552	606404	608736	605897	0.52	cps
Terbium	159-1	19922779	19760958	19792026	19825255	0.43	cps
Terbium	159-2	10393261	10462083	10475477	10443607	0.42	cps
Thallium	203-1	11372	11998	11439	11603	2.96	cps
Thallium	205-1	28615	28072	27972	28220	1.23	cps
Tin	118-1	50241	50157	50860	50419	0.76	cps
Titanium	47-1	10137	9403	9587	9709	3.93	cps
Uranium	238-1	39252	39252	39619	39374	0.54	cps
Vanadium	51-2	16366	15769	15712	15949	2.27	cps
Yttrium	89-1	16495498	16481171	16479556	16485408	0.05	cps
Yttrium	89-2	2487741	2485491	2513194	2495475	0.62	cps
Zinc	66-2	3651	3657	3811	3706	2.44	cps
Zirconium	90-1	21784	22385	22736	22302	2.16	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:12:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4801	4884	4984	4890	1.88	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:16:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143802	144038	143727	143855	0.11	cps
Antimony	121-1	625383	625468	623694	624848	0.16	cps
Arsenic	75-2	23380	23606	23777	23588	0.84	cps
Barium	135-1	775397	785077	782541	781005	0.64	cps
Barium	137-1	1358819	1374311	1368393	1367174	0.57	cps
Beryllium	9-1	187785	188285	189620	188563	0.50	cps
Bismuth	209-1	13246059	13537982	13263195	13349079	1.23	cps
Bismuth	209-2	8101025	8079075	7904266	8028122	1.34	cps
Boron	11-1	120158	122553	121116	121275	0.99	cps
Boron	10-1	25306	25965	26783	26018	2.84	cps
Cadmium	106-1	27227	27353	27595	27391	0.68	cps
Cadmium	108-1	13457	14041	13269	13589	2.96	cps
Cadmium	111-1	184483	185142	184054	184560	0.30	cps
Calcium	43-1	216537	213420	216256	215404	0.80	cps
Calcium	44-1	3486896	3505845	3532790	3508510	0.66	cps
Chromium	52-2	220243	218307	219302	219284	0.44	cps
Cobalt	59-2	361831	359262	365584	362226	0.88	cps
Copper	63-2	528162	523389	523552	525034	0.52	cps
Dysprosium	156-1	17	50	8	25	88.19	cps
Dysprosium	156-2	10	23	13	16	44.60	cps
Erbium	164-1	83	50	58	64	27.15	cps
Erbium	164-2	7	43	40	30	67.58	cps
Gadolinium	160-1	217	200	258	225	13.35	cps
Gadolinium	160-2	253	290	287	277	7.33	cps
Holmium	165-1	20312430	20563898	20682353	20519560	0.92	cps
Holmium	165-2	11175538	11093799	10932435	11067257	1.12	cps
Indium	115-1	16600668	16949365	16800089	16783374	1.04	cps
Indium	115-2	3440834	3450416	3381131	3424127	1.10	cps
Iron	56-2	9220824	9113210	9113766	9149267	0.68	cps
Iron	57-2	230922	230040	229065	230009	0.40	cps
Lead	206-1	513883	517715	514540	515379	0.40	cps
Lead	207-1	461026	462352	466831	463403	0.66	cps
Lead	208-1	2068989	2089273	2080030	2079430	0.49	cps
Lithium	6-1	5991266	6014462	6046553	6017427	0.46	cps
Magnesium	24-2	1758553	1752112	1767659	1759441	0.44	cps
Manganese	55-2	259207	254770	254059	256012	1.09	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:16:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2603367	2617080	2595133	2605193	0.43	cps
Molybdenum	94-1	1320227	1332230	1322375	1324944	0.48	cps
Molybdenum	95-1	1634408	1626493	1616508	1625803	0.55	cps
Molybdenum	96-1	1779431	1798926	1772051	1783469	0.78	cps
Molybdenum	97-1	1007386	1020598	1006088	1011358	0.79	cps
Neodymium	150-1	47	87	67	67	30.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	98757	98052	98461	98423	0.36	cps
Phosphorus	31-2	9020	8761	8536	8772	2.76	cps
Potassium	39-2	826935	823148	829040	826375	0.36	cps
Rhodium	103-1	15726956	15827024	15678353	15744111	0.48	cps
Rhodium	103-2	7998802	8018731	7853073	7956869	1.14	cps
Scandium	45-1	11279398	11291451	11382172	11317674	0.50	cps
Scandium	45-2	509006	509430	502778	507071	0.73	cps
Selenium	77-2	593	603	657	618	5.51	cps
Selenium	78-2	2285	2084	2271	2213	5.08	cps
Selenium	82-1	13197	13422	13113	13244	1.21	cps
Silicon	28-1	1048376	1054623	1051151	1051383	0.30	cps
Silver	109-1	811961	824978	820253	819064	0.80	cps
Silver	107-1	852674	858609	853404	854896	0.38	cps
Sodium	23-2	3277237	3281584	3295690	3284837	0.29	cps
Strontium	86-1	211250	211298	214538	212362	0.89	cps
Strontium	88-1	1823723	1825851	1816253	1821942	0.28	cps
Sulfur	34-1	687781	684349	675146	682425	0.96	cps
Terbium	159-1	21198976	21305441	21315476	21273297	0.30	cps
Terbium	159-2	11105526	11116457	10871786	11031256	1.25	cps
Thallium	203-1	618775	630005	626687	625156	0.92	cps
Thallium	205-1	1480638	1520281	1485744	1495554	1.44	cps
Tin	118-1	533687	537972	534890	535516	0.41	cps
Titanium	47-1	495476	496515	499812	497268	0.46	cps
Uranium	238-1	2103222	2145892	2137230	2128781	1.06	cps
Vanadium	51-2	175037	174528	174293	174619	0.22	cps
Yttrium	89-1	17447088	17459596	17493398	17466694	0.14	cps
Yttrium	89-2	2646786	2661851	2595557	2634731	1.32	cps
Zinc	66-2	78862	77762	78285	78303	0.70	cps
Zirconium	90-1	1106858	1110169	1095525	1104184	0.70	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:16:14	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	247039	248842	245520	247134	0.67	cps

LB Number : LB97425 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-20 16:20:43 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350117	347950	348321	348796	0.33	cps
Antimony	121-1	1577137	1582082	1573190	1577470	0.28	cps
Arsenic	75-2	57941	56940	57844	57575	0.96	cps
Barium	135-1	1977782	1974872	1969481	1974045	0.21	cps
Barium	137-1	3399498	3397785	3412551	3403278	0.24	cps
Beryllium	9-1	467749	470119	465107	467658	0.54	cps
Bismuth	209-1	13460809	13503147	13599503	13521153	0.53	cps
Bismuth	209-2	8157075	8045553	8032498	8078375	0.85	cps
Boron	11-1	294718	294409	299191	296106	0.90	cps
Boron	10-1	63718	64337	64538	64198	0.67	cps
Cadmium	106-1	57074	57175	56856	57035	0.29	cps
Cadmium	108-1	34154	33978	34354	34162	0.55	cps
Cadmium	111-1	455677	452143	451500	453107	0.50	cps
Calcium	43-1	540687	538024	536719	538476	0.38	cps
Calcium	44-1	8685190	8715301	8709252	8703248	0.18	cps
Chromium	52-2	536515	535336	533175	535008	0.32	cps
Cobalt	59-2	879655	880041	880808	880168	0.07	cps
Copper	63-2	1268708	1269670	1270118	1269499	0.06	cps
Dysprosium	156-1	25	42	50	39	32.73	cps
Dysprosium	156-2	20	13	23	19	26.96	cps
Erbium	164-1	50	67	75	64	19.92	cps
Erbium	164-2	43	30	23	32	31.61	cps
Gadolinium	160-1	175	208	200	194	8.92	cps
Gadolinium	160-2	343	273	313	310	11.33	cps
Holmium	165-1	21017369	20996019	20925986	20979792	0.23	cps
Holmium	165-2	11151010	11219996	11052480	11141162	0.76	cps
Indium	115-1	16892400	16843672	16866920	16867664	0.14	cps
Indium	115-2	3394560	3387532	3363416	3381836	0.48	cps
Iron	56-2	22305039	22509576	22355796	22390137	0.48	cps
Iron	57-2	562844	566632	560691	563389	0.53	cps
Lead	206-1	1304315	1300814	1322770	1309300	0.90	cps
Lead	207-1	1172221	1188938	1202607	1187922	1.28	cps
Lead	208-1	5255907	5293962	5351217	5300362	0.91	cps
Lithium	6-1	6059407	6046842	6024154	6043468	0.30	cps
Magnesium	24-2	4323230	4317772	4295300	4312101	0.34	cps
Manganese	55-2	626735	625709	622515	624986	0.35	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:20:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6598263	6611080	6603189	6604178	0.10	cps
Molybdenum	94-1	3302080	3299727	3321499	3307769	0.36	cps
Molybdenum	95-1	4114735	4110752	4109465	4111651	0.07	cps
Molybdenum	96-1	4583179	4533244	4553402	4556608	0.55	cps
Molybdenum	97-1	2535807	2528247	2524070	2529375	0.24	cps
Neodymium	150-1	200	133	140	158	23.27	cps
Neodymium	150-2	17	7	13	12	41.65	cps
Nickel	60-2	240815	237681	237831	238776	0.74	cps
Phosphorus	31-2	20198	20982	20965	20715	2.16	cps
Potassium	39-2	1955011	1952541	1952479	1953343	0.07	cps
Rhodium	103-1	15771746	15681636	15625249	15692877	0.47	cps
Rhodium	103-2	7824661	7828018	7771927	7808202	0.40	cps
Scandium	45-1	11283600	11241999	11236747	11254115	0.23	cps
Scandium	45-2	500638	496492	486978	494703	1.42	cps
Selenium	77-2	1457	1593	1570	1540	4.75	cps
Selenium	78-2	5134	5316	5277	5242	1.82	cps
Selenium	82-1	32687	33276	33125	33029	0.93	cps
Silicon	28-1	1953889	1966512	1963926	1961442	0.34	cps
Silver	109-1	2035165	2052353	2040004	2042507	0.43	cps
Silver	107-1	2141790	2135993	2137639	2138474	0.14	cps
Sodium	23-2	8118977	8076688	8040490	8078718	0.49	cps
Strontium	86-1	531051	529881	535072	532001	0.51	cps
Strontium	88-1	4624985	4598900	4590914	4604933	0.39	cps
Sulfur	34-1	775591	771291	766607	771163	0.58	cps
Terbium	159-1	21312719	21389773	21463230	21388574	0.35	cps
Terbium	159-2	11116264	11135261	11039340	11096955	0.46	cps
Thallium	203-1	1593531	1596235	1608935	1599567	0.51	cps
Thallium	205-1	3743610	3750445	3791945	3762000	0.70	cps
Tin	118-1	1354230	1358274	1342336	1351614	0.61	cps
Titanium	47-1	1228022	1230140	1229368	1229177	0.09	cps
Uranium	238-1	5528663	5590226	5580584	5566491	0.59	cps
Vanadium	51-2	425672	420942	426521	424379	0.71	cps
Yttrium	89-1	17531024	17602304	17473512	17535613	0.37	cps
Yttrium	89-2	2603146	2586019	2573991	2587719	0.57	cps
Zinc	66-2	190424	189486	190458	190123	0.29	cps
Zirconium	90-1	2779500	2768013	2792506	2780006	0.44	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:20:43	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	620887	619169	617543	619200	0.27	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:24:50	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	685421	691509	693182	690037	0.59	cps
Antimony	121-1	3134454	3138825	3127618	3133632	0.18	cps
Arsenic	75-2	113473	113201	114351	113675	0.53	cps
Barium	135-1	3931644	3899778	3914663	3915362	0.41	cps
Barium	137-1	6789732	6776683	6768052	6778156	0.16	cps
Beryllium	9-1	903284	900270	895123	899559	0.46	cps
Bismuth	209-1	12763650	13859257	13483553	13368820	4.16	cps
Bismuth	209-2	8025275	7993960	8083848	8034361	0.57	cps
Boron	11-1	559506	569110	569432	566016	1.00	cps
Boron	10-1	117915	122199	123919	121344	2.55	cps
Cadmium	106-1	102972	103417	102939	103109	0.26	cps
Cadmium	108-1	65656	66681	65940	66092	0.80	cps
Cadmium	111-1	876593	875252	886284	879376	0.68	cps
Calcium	43-1	1040707	1040871	1044290	1041956	0.19	cps
Calcium	44-1	16893313	16944110	16794821	16877415	0.45	cps
Chromium	52-2	1052823	1057833	1064687	1058448	0.56	cps
Cobalt	59-2	1729496	1728683	1732204	1730128	0.11	cps
Copper	63-2	2451744	2482817	2499049	2477870	0.97	cps
Dysprosium	156-1	67	75	100	81	21.54	cps
Dysprosium	156-2	50	47	47	48	4.02	cps
Erbium	164-1	75	75	50	67	21.65	cps
Erbium	164-2	53	43	20	39	43.98	cps
Gadolinium	160-1	108	242	200	183	37.21	cps
Gadolinium	160-2	297	283	273	284	4.12	cps
Holmium	165-1	20095866	21367599	21084892	20849452	3.20	cps
Holmium	165-2	11165648	11031862	11191916	11129809	0.77	cps
Indium	115-1	15795928	16952450	16661096	16469825	3.65	cps
Indium	115-2	3368883	3344156	3388475	3367171	0.66	cps
Iron	56-2	44109457	44310018	44730922	44383465	0.71	cps
Iron	57-2	1099667	1105628	1118994	1108097	0.89	cps
Lead	206-1	2557973	2546499	2608319	2570930	1.28	cps
Lead	207-1	2313652	2358755	2350118	2340842	1.02	cps
Lead	208-1	10381297	10547890	10545661	10491616	0.91	cps
Lithium	6-1	5659227	5941725	5797855	5799602	2.44	cps
Magnesium	24-2	8496296	8533196	8602391	8543961	0.63	cps
Manganese	55-2	1219885	1228886	1247212	1231994	1.13	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:24:50	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	13137357	13099370	13110954	13115894	0.15	cps
Molybdenum	94-1	6548954	6575088	6508426	6544156	0.51	cps
Molybdenum	95-1	8097255	8143351	8037770	8092792	0.65	cps
Molybdenum	96-1	8992516	9029182	8956122	8992607	0.41	cps
Molybdenum	97-1	5003603	5016428	5028424	5016152	0.25	cps
Neodymium	150-1	253	267	200	240	14.70	cps
Neodymium	150-2	23	27	30	27	12.51	cps
Nickel	60-2	464054	468477	469590	467374	0.63	cps
Phosphorus	31-2	38860	40355	40130	39782	2.03	cps
Potassium	39-2	3777905	3817820	3828614	3808113	0.70	cps
Rhodium	103-1	14631002	15610469	15460968	15234146	3.46	cps
Rhodium	103-2	7781472	7717449	7808724	7769215	0.60	cps
Scandium	45-1	10480701	11235933	10972266	10896300	3.52	cps
Scandium	45-2	488578	489134	494887	490866	0.71	cps
Selenium	77-2	2920	3134	3014	3023	3.54	cps
Selenium	78-2	10143	10281	10224	10216	0.68	cps
Selenium	82-1	64546	63930	64035	64170	0.51	cps
Silicon	28-1	2901325	2961392	2954858	2939192	1.12	cps
Silver	109-1	4002935	3962701	3984490	3983375	0.51	cps
Silver	107-1	4176539	4190742	4158584	4175289	0.39	cps
Sodium	23-2	15933959	15985028	16019044	15979344	0.27	cps
Strontium	86-1	1046712	1041504	1036499	1041572	0.49	cps
Strontium	88-1	9107625	9092312	9081469	9093802	0.14	cps
Sulfur	34-1	921277	909417	916563	915752	0.65	cps
Terbium	159-1	20370503	21823232	21708091	21300609	3.79	cps
Terbium	159-2	11056533	10990706	10995327	11014189	0.33	cps
Thallium	203-1	3187375	3121130	3189270	3165925	1.23	cps
Thallium	205-1	7531969	7442740	7611281	7528663	1.12	cps
Tin	118-1	2633832	2653262	2621841	2636312	0.60	cps
Titanium	47-1	2397495	2398084	2388140	2394573	0.23	cps
Uranium	238-1	11335593	11320665	11402658	11352972	0.38	cps
Vanadium	51-2	832180	845864	848961	842335	1.06	cps
Yttrium	89-1	16546841	17718677	17379827	17215115	3.50	cps
Yttrium	89-2	2578131	2571580	2586998	2578903	0.30	cps
Zinc	66-2	362344	366387	364789	364507	0.56	cps
Zirconium	90-1	5515065	5518105	5526643	5519938	0.11	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:24:50	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1224148	1219454	1231813	1225138	0.51	cps

LB Number : LB97425 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-20 16:28:36 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1402805	1383281	1400195	1395427	0.76	cps
Antimony	121-1	6247185	6330325	6333019	6303510	0.77	cps
Arsenic	75-2	233367	232582	233549	233166	0.22	cps
Barium	135-1	7870478	7957556	7966485	7931506	0.67	cps
Barium	137-1	13677836	13811114	13766250	13751733	0.49	cps
Beryllium	9-1	1774418	1770021	1791700	1778713	0.64	cps
Bismuth	209-1	13361309	13449465	13535787	13448854	0.65	cps
Bismuth	209-2	8011826	7957863	7953074	7974254	0.41	cps
Boron	11-1	1099663	1144278	1151303	1131748	2.47	cps
Boron	10-1	237031	243819	247624	242825	2.21	cps
Cadmium	106-1	194981	200179	201200	198787	1.68	cps
Cadmium	108-1	131667	133176	134498	133114	1.06	cps
Cadmium	111-1	1727052	1739079	1747475	1737869	0.59	cps
Calcium	43-1	2092390	2109037	2113269	2104899	0.52	cps
Calcium	44-1	34325578	34518656	34385841	34410025	0.29	cps
Chromium	52-2	2145053	2152587	2155170	2150936	0.24	cps
Cobalt	59-2	3525294	3495100	3510054	3510149	0.43	cps
Copper	63-2	5061824	5048512	5005837	5038724	0.58	cps
Dysprosium	156-1	117	175	125	139	22.72	cps
Dysprosium	156-2	110	103	143	119	18.03	cps
Erbium	164-1	58	67	75	67	12.49	cps
Erbium	164-2	50	27	53	43	33.52	cps
Gadolinium	160-1	233	225	317	258	19.62	cps
Gadolinium	160-2	320	197	270	262	23.66	cps
Holmium	165-1	21183511	21368220	21395994	21315908	0.54	cps
Holmium	165-2	11366683	11346252	11342122	11351686	0.12	cps
Indium	115-1	16639543	16777105	16828412	16748353	0.58	cps
Indium	115-2	3411058	3421108	3385833	3406000	0.53	cps
Iron	56-2	90342488	90225352	90435933	90334591	0.12	cps
Iron	57-2	2261000	2248975	2258609	2256195	0.28	cps
Lead	206-1	5211694	5214002	5248559	5224751	0.40	cps
Lead	207-1	4702981	4715841	4759490	4726104	0.63	cps
Lead	208-1	21037232	21077249	21255134	21123205	0.55	cps
Lithium	6-1	5821577	5797312	5806737	5808542	0.21	cps
Magnesium	24-2	17246419	17035373	17241666	17174486	0.70	cps
Manganese	55-2	2494880	2497380	2493919	2495393	0.07	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:28:36	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	26471370	26655430	26637613	26588138	0.38	cps
Molybdenum	94-1	13322223	13404222	13435215	13387220	0.44	cps
Molybdenum	95-1	16448836	16601091	16742968	16597631	0.89	cps
Molybdenum	96-1	18244608	18370743	18462819	18359390	0.60	cps
Molybdenum	97-1	10109499	10222167	10228011	10186559	0.66	cps
Neodymium	150-1	627	540	587	584	7.42	cps
Neodymium	150-2	67	57	40	54	24.75	cps
Nickel	60-2	939740	939541	940794	940025	0.07	cps
Phosphorus	31-2	82302	80828	81263	81464	0.93	cps
Potassium	39-2	7796286	7729150	7823543	7782993	0.62	cps
Rhodium	103-1	15313827	15351351	15427166	15364115	0.38	cps
Rhodium	103-2	7834517	7848763	7846398	7843226	0.10	cps
Scandium	45-1	11109010	11234052	11266331	11203131	0.74	cps
Scandium	45-2	503936	507207	508994	506712	0.51	cps
Selenium	77-2	6145	6005	5918	6022	1.90	cps
Selenium	78-2	20446	20630	20476	20517	0.48	cps
Selenium	82-1	127571	128703	128987	128420	0.58	cps
Silicon	28-1	5535100	5697085	5677623	5636603	1.57	cps
Silver	109-1	7946916	7989538	7997333	7977929	0.34	cps
Silver	107-1	8281602	8343778	8480260	8368547	1.21	cps
Sodium	23-2	32370237	32048439	32299309	32239329	0.52	cps
Strontium	86-1	2101401	2104718	2110179	2105432	0.21	cps
Strontium	88-1	18482393	18488582	18593112	18521363	0.34	cps
Sulfur	34-1	1253122	1252298	1251051	1252157	0.08	cps
Terbium	159-1	21612453	21638656	21974134	21741748	0.93	cps
Terbium	159-2	11408157	11279269	11235129	11307518	0.80	cps
Thallium	203-1	6367218	6422540	6385425	6391728	0.44	cps
Thallium	205-1	15023695	15226198	15133420	15127771	0.67	cps
Tin	118-1	5330137	5398194	5428672	5385668	0.94	cps
Titanium	47-1	4854208	4924690	4920379	4899759	0.81	cps
Uranium	238-1	22596913	22611964	22418042	22542306	0.48	cps
Vanadium	51-2	1730642	1718309	1734166	1727706	0.48	cps
Yttrium	89-1	17512584	17660453	17716106	17629714	0.60	cps
Yttrium	89-2	2654029	2667333	2663070	2661477	0.26	cps
Zinc	66-2	724786	725349	729587	726574	0.36	cps
Zirconium	90-1	11211598	11255189	11218260	11228349	0.21	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:28:36	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2458114	2489218	2487402	2478245	0.70	cps

LB Number : LB97425 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-20 16:32:21 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2833900	2849511	2854781	2846064	0.38	cps
Antimony	121-1	13006890	12981802	13009442	12999378	0.12	cps
Arsenic	75-2	472982	475063	476073	474706	0.33	cps
Barium	135-1	16376733	16350775	16421367	16382958	0.22	cps
Barium	137-1	28256382	28390959	28608086	28418476	0.62	cps
Beryllium	9-1	3576929	3532339	3568180	3559149	0.66	cps
Bismuth	209-1	13486578	13453433	13513402	13484471	0.22	cps
Bismuth	209-2	8042321	7998178	7956227	7998909	0.54	cps
Boron	11-1	2241414	2258598	2278048	2259353	0.81	cps
Boron	10-1	477748	476689	479846	478094	0.34	cps
Cadmium	106-1	389007	391083	390143	390078	0.27	cps
Cadmium	108-1	268372	268794	266592	267919	0.44	cps
Cadmium	111-1	3536532	3530964	3544622	3537373	0.19	cps
Calcium	43-1	4378924	4390824	4393877	4387875	0.18	cps
Calcium	44-1	71438354	71771922	71015287	71408521	0.53	cps
Chromium	52-2	4426898	4454617	4452507	4444674	0.35	cps
Cobalt	59-2	7186866	7203481	7170111	7186819	0.23	cps
Copper	63-2	10255754	10312118	10179215	10249029	0.65	cps
Dysprosium	156-1	150	258	233	214	26.52	cps
Dysprosium	156-2	233	177	220	210	14.11	cps
Erbium	164-1	192	75	83	117	55.79	cps
Erbium	164-2	50	43	60	51	16.42	cps
Gadolinium	160-1	258	292	233	261	11.21	cps
Gadolinium	160-2	320	317	320	319	0.60	cps
Holmium	165-1	22243984	22059675	22129477	22144379	0.42	cps
Holmium	165-2	11688207	11722092	11730055	11713451	0.19	cps
Indium	115-1	17244797	17105158	17277981	17209312	0.53	cps
Indium	115-2	3478165	3511731	3482541	3490812	0.52	cps
Iron	56-2	185542582	187232299	186247793	186340891	0.46	cps
Iron	57-2	4617933	4642969	4621451	4627451	0.29	cps
Lead	206-1	10380086	10391516	10329197	10366933	0.32	cps
Lead	207-1	9503196	9471557	9413312	9462688	0.48	cps
Lead	208-1	42321161	42301180	42137912	42253418	0.24	cps
Lithium	6-1	5805833	5773486	5792424	5790581	0.28	cps
Magnesium	24-2	34896502	35022723	35123204	35014143	0.32	cps
Manganese	55-2	5162437	5204118	5198067	5188207	0.43	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:32:21	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	55420018	55504110	55592266	55505464	0.16	cps
Molybdenum	94-1	27947560	27853073	28104120	27968251	0.45	cps
Molybdenum	95-1	34447098	34439325	34666579	34517667	0.37	cps
Molybdenum	96-1	38141993	38133277	38486800	38254023	0.53	cps
Molybdenum	97-1	21216052	21173663	21373777	21254497	0.50	cps
Neodymium	150-1	1153	933	973	1020	11.49	cps
Neodymium	150-2	110	103	100	104	4.87	cps
Nickel	60-2	1881960	1881484	1875333	1879592	0.20	cps
Phosphorus	31-2	163511	164421	163199	163710	0.39	cps
Potassium	39-2	15950351	16131232	16134348	16071977	0.66	cps
Rhodium	103-1	15753537	15682018	15797871	15744475	0.37	cps
Rhodium	103-2	7931837	8000268	7976154	7969420	0.44	cps
Scandium	45-1	11705126	11654384	11882921	11747477	1.02	cps
Scandium	45-2	523164	529021	525265	525817	0.56	cps
Selenium	77-2	11975	12566	12566	12369	2.76	cps
Selenium	78-2	41487	41881	41987	41785	0.63	cps
Selenium	82-1	258401	256893	258784	258026	0.39	cps
Silicon	28-1	9982564	10124300	10164790	10090551	0.95	cps
Silver	109-1	16320446	16219349	16285358	16275051	0.32	cps
Silver	107-1	16993383	16983415	16970051	16982283	0.07	cps
Sodium	23-2	65696654	65365991	66047047	65703231	0.52	cps
Strontium	86-1	4410698	4408029	4435713	4418147	0.35	cps
Strontium	88-1	38687777	38311758	38673489	38557675	0.55	cps
Sulfur	34-1	2034049	2034271	2041091	2036470	0.20	cps
Terbium	159-1	22653675	22346906	22693936	22564839	0.84	cps
Terbium	159-2	11468699	11601536	11686886	11585707	0.95	cps
Thallium	203-1	12909150	12808920	12878605	12865558	0.40	cps
Thallium	205-1	30268644	30436038	30193509	30299397	0.41	cps
Tin	118-1	11041108	11119944	11125929	11095661	0.43	cps
Titanium	47-1	10258672	10274535	10345500	10292902	0.45	cps
Uranium	238-1	45503715	45406490	45360192	45423465	0.16	cps
Vanadium	51-2	3542365	3554037	3549410	3548604	0.17	cps
Yttrium	89-1	18439828	18329938	18429493	18399753	0.33	cps
Yttrium	89-2	2736015	2783362	2746861	2755412	0.90	cps
Zinc	66-2	1426347	1433134	1433927	1431136	0.29	cps
Zirconium	90-1	23329360	23394983	23332324	23352223	0.16	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:32:21	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5281434	5237883	5262584	5260634	0.42	cps

LB Number : LB97425 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-20 16:36:11 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14421452	14578500	14428590	14476181	0.61	cps
Antimony	121-1	19873	20190	19581	19881	1.53	cps
Arsenic	75-2	800	782	822	801	2.55	cps
Barium	135-1	3751	3759	3801	3770	0.71	cps
Barium	137-1	6794	6560	6819	6724	2.12	cps
Beryllium	9-1	711	594	744	683	11.53	cps
Bismuth	209-1	11100824	11058422	10977341	11045529	0.57	cps
Bismuth	209-2	7030825	7108517	7130003	7089782	0.74	cps
Boron	11-1	73028	67166	59735	66643	10.00	cps
Boron	10-1	16059	14491	12964	14505	10.67	cps
Cadmium	106-1	7727	7761	7953	7814	1.55	cps
Cadmium	108-1	108	88	104	100	11.03	cps
Cadmium	111-1	6325	6355	6506	6395	1.52	cps
Calcium	43-1	20633992	20524663	20735211	20631289	0.51	cps
Calcium	44-1	339050333	335448208	338996124	337831555	0.61	cps
Chromium	52-2	170939	171662	172552	171718	0.47	cps
Cobalt	59-2	85712	86731	84481	85641	1.32	cps
Copper	63-2	23436	23356	23516	23436	0.34	cps
Dysprosium	156-1	150	92	133	125	24.04	cps
Dysprosium	156-2	63	73	80	72	11.62	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	47	47	73	56	27.71	cps
Gadolinium	160-1	258	308	275	281	9.07	cps
Gadolinium	160-2	353	340	400	364	8.64	cps
Holmium	165-1	19730611	19607801	19560145	19632852	0.45	cps
Holmium	165-2	11141605	11249059	11229264	11206643	0.51	cps
Indium	115-1	15420930	15254977	15260738	15312215	0.62	cps
Indium	115-2	3406347	3447515	3482792	3445551	1.11	cps
Iron	56-2	897722531	907134998	901599042	902152191	0.52	cps
Iron	57-2	22121828	22506821	22318803	22315817	0.86	cps
Lead	206-1	58545	59282	58038	58622	1.07	cps
Lead	207-1	48845	49866	49347	49353	1.03	cps
Lead	208-1	229552	230902	229204	229886	0.39	cps
Lithium	6-1	5145463	5225534	5209608	5193535	0.82	cps
Magnesium	24-2	168038733	171463312	169865445	169789164	1.01	cps
Manganese	55-2	26090	26003	26337	26143	0.66	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:36:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	112625	107403	104180	108069	3.94	cps
Molybdenum	94-1	43367	41185	40316	41623	3.78	cps
Molybdenum	95-1	70290	69110	64555	67985	4.46	cps
Molybdenum	96-1	86159	82606	79849	82871	3.82	cps
Molybdenum	97-1	43083	41796	40968	41949	2.54	cps
Neodymium	150-1	253	133	153	180	35.72	cps
Neodymium	150-2	77	93	90	87	10.18	cps
Nickel	60-2	61103	59765	59627	60165	1.36	cps
Phosphorus	31-2	825	658	825	770	12.51	cps
Potassium	39-2	80317848	81571100	81356927	81081958	0.83	cps
Rhodium	103-1	13723550	13635727	13529799	13629692	0.71	cps
Rhodium	103-2	7309369	7400658	7393001	7367676	0.69	cps
Scandium	45-1	10871666	10875310	10895677	10880884	0.12	cps
Scandium	45-2	526091	531492	531235	529606	0.58	cps
Selenium	77-2	20	7	3	10	88.20	cps
Selenium	78-2	137	130	120	129	6.47	cps
Selenium	82-1	324	291	265	293	10.16	cps
Silicon	28-1	2400069	2498703	2518524	2472432	2.57	cps
Silver	109-1	2542	2992	2375	2636	12.10	cps
Silver	107-1	2784	2567	2467	2606	6.21	cps
Sodium	23-2	317679324	320196690	320594207	319490074	0.49	cps
Strontium	86-1	21383	21200	21617	21400	0.98	cps
Strontium	88-1	178235	177190	177207	177544	0.34	cps
Sulfur	34-1	468150	471492	477542	472395	1.01	cps
Terbium	159-1	20234251	20059149	20001980	20098460	0.60	cps
Terbium	159-2	11189477	11247032	11197045	11211185	0.28	cps
Thallium	203-1	7544	7036	6819	7133	5.22	cps
Thallium	205-1	17871	16494	15910	16758	6.01	cps
Tin	118-1	50985	50358	49917	50420	1.06	cps
Titanium	47-1	5968	5601	5751	5774	3.19	cps
Uranium	238-1	7336	6910	7136	7127	2.98	cps
Vanadium	51-2	2254	1934	2110	2099	7.64	cps
Yttrium	89-1	16935107	16824162	16715716	16824995	0.65	cps
Yttrium	89-2	2724488	2804927	2808191	2779202	1.71	cps
Zinc	66-2	12155	11992	11995	12047	0.78	cps
Zirconium	90-1	6894	6960	6627	6827	2.59	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:36:11	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1709	1483	1775	1656	9.23	cps

LB Number : LB97425 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-20 16:44:11 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79495	78640	80358	79498	1.08	cps
Antimony	121-1	2491196	2516663	2518065	2508641	0.60	cps
Arsenic	75-2	101589	101344	101941	101625	0.30	cps
Barium	135-1	320051	331248	331440	327580	1.99	cps
Barium	137-1	569583	561356	567800	566246	0.76	cps
Beryllium	9-1	356513	356854	357040	356803	0.07	cps
Bismuth	209-1	13654829	13841726	13779478	13758677	0.69	cps
Bismuth	209-2	8456032	8428808	8467464	8450768	0.23	cps
Boron	11-1	1216781	1280781	1302119	1266560	3.51	cps
Boron	10-1	263028	272175	277547	270917	2.71	cps
Cadmium	106-1	79373	77763	80738	79292	1.88	cps
Cadmium	108-1	41281	38791	39718	39930	3.15	cps
Cadmium	111-1	384901	384014	389899	386271	0.82	cps
Calcium	43-1	104343	104845	105575	104921	0.59	cps
Calcium	44-1	1577133	1583210	1595598	1585314	0.59	cps
Chromium	52-2	457317	458626	456350	457431	0.25	cps
Cobalt	59-2	765143	767197	764292	765544	0.20	cps
Copper	63-2	563003	559562	562943	561836	0.35	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	3	10	17	10	66.70	cps
Erbium	164-1	183	133	175	164	16.34	cps
Erbium	164-2	77	97	73	82	15.35	cps
Gadolinium	160-1	250	192	267	236	16.68	cps
Gadolinium	160-2	347	367	293	336	11.30	cps
Holmium	165-1	21639167	21597621	21505495	21580761	0.32	cps
Holmium	165-2	11812271	11811692	11852808	11825590	0.20	cps
Indium	115-1	17751218	17770153	17925231	17815534	0.54	cps
Indium	115-2	3778375	3756599	3784236	3773070	0.39	cps
Iron	56-2	4004235	3974210	4001497	3993314	0.42	cps
Iron	57-2	99251	99099	99010	99120	0.12	cps
Lead	206-1	2046886	2065519	2061312	2057906	0.47	cps
Lead	207-1	1788561	1814876	1821921	1808452	0.97	cps
Lead	208-1	8244569	8283946	8312337	8280284	0.41	cps
Lithium	6-1	5854760	5913016	5890239	5886005	0.50	cps
Magnesium	24-2	426425	424154	428416	426332	0.50	cps
Manganese	55-2	269521	269443	270488	269817	0.22	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:44:11	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6339856	6308451	6383131	6343813	0.59	cps
Molybdenum	94-1	6540458	6546508	6600374	6562447	0.50	cps
Molybdenum	95-1	3929637	3941900	3972033	3947856	0.55	cps
Molybdenum	96-1	4931641	4911457	4950309	4931136	0.39	cps
Molybdenum	97-1	2394709	2388329	2414021	2399020	0.56	cps
Neodymium	150-1	20	33	67	40	60.10	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	207296	206884	209382	207854	0.64	cps
Phosphorus	31-2	750	558	1689	999	60.55	cps
Potassium	39-2	714470	712083	713155	713236	0.17	cps
Rhodium	103-1	16736263	16713415	16882213	16777297	0.55	cps
Rhodium	103-2	8644471	8699251	8652503	8665408	0.34	cps
Scandium	45-1	12053555	12130393	12117363	12100437	0.34	cps
Scandium	45-2	558294	555357	557814	557155	0.28	cps
Selenium	77-2	2757	3017	2774	2849	5.11	cps
Selenium	78-2	9229	9220	9575	9341	2.17	cps
Selenium	82-1	55161	55470	55564	55398	0.38	cps
Silicon	28-1	483329	494239	491098	489555	1.15	cps
Silver	109-1	1673271	1686046	1685585	1681634	0.43	cps
Silver	107-1	1763260	1764087	1795478	1774275	1.04	cps
Sodium	23-2	1340780	1352206	1358010	1350332	0.65	cps
Strontium	86-1	2245998	2256182	2271220	2257800	0.56	cps
Strontium	88-1	19804932	19954790	19924694	19894805	0.40	cps
Sulfur	34-1	516091	510627	505095	510604	1.08	cps
Terbium	159-1	22234331	22356832	22139601	22243588	0.49	cps
Terbium	159-2	11707062	11896595	11831916	11811858	0.82	cps
Thallium	203-1	2534709	2556636	2564222	2551855	0.60	cps
Thallium	205-1	6107281	6136853	6099362	6114499	0.32	cps
Tin	118-1	5681394	5671222	5653963	5668860	0.24	cps
Titanium	47-1	1051282	1051289	1054455	1052342	0.17	cps
Uranium	238-1	24315032	24522870	24456955	24431619	0.43	cps
Vanadium	51-2	366513	366600	368715	367276	0.34	cps
Yttrium	89-1	18753406	18837401	18715236	18768681	0.33	cps
Yttrium	89-2	2910221	2930360	2902494	2914358	0.49	cps
Zinc	66-2	170981	172737	172498	172072	0.55	cps
Zirconium	90-1	11945695	11914286	11927062	11929014	0.13	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:44:11	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2672129	2608883	2629755	2636922	1.22	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:48:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3242	3025	3150	3139	3.47	cps
Antimony	121-1	28630	28521	27687	28279	1.83	cps
Arsenic	75-2	494	548	504	515	5.57	cps
Barium	135-1	31553	31913	32230	31899	1.06	cps
Barium	137-1	56507	55311	57252	56357	1.74	cps
Beryllium	9-1	4040	3817	3912	3923	2.84	cps
Bismuth	209-1	13728080	13749221	13865751	13781018	0.54	cps
Bismuth	209-2	8408843	8468384	8509057	8462095	0.60	cps
Boron	11-1	92794	90076	91451	91441	1.49	cps
Boron	10-1	20506	20005	19079	19864	3.64	cps
Cadmium	106-1	8461	8478	9237	8725	5.08	cps
Cadmium	108-1	317	338	317	324	3.72	cps
Cadmium	111-1	9210	9474	9957	9547	3.97	cps
Calcium	43-1	22167	21834	22376	22126	1.24	cps
Calcium	44-1	368343	375829	370773	371648	1.03	cps
Chromium	52-2	10721	11071	10914	10902	1.61	cps
Cobalt	59-2	7852	8166	8002	8007	1.96	cps
Copper	63-2	12412	12212	12522	12382	1.27	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	67	108	67	81	29.86	cps
Erbium	164-2	70	53	63	62	13.48	cps
Gadolinium	160-1	133	158	233	175	29.74	cps
Gadolinium	160-2	340	363	290	331	11.31	cps
Holmium	165-1	21460717	21618296	21850260	21643091	0.91	cps
Holmium	165-2	11858962	11920428	11844262	11874551	0.34	cps
Indium	115-1	18046806	18103643	18072796	18074415	0.16	cps
Indium	115-2	3858362	3858440	3873838	3863547	0.23	cps
Iron	56-2	211167	212496	211535	211732	0.32	cps
Iron	57-2	5496	5740	5357	5531	3.51	cps
Lead	206-1	11183	10960	11083	11075	1.01	cps
Lead	207-1	9826	10282	10121	10076	2.29	cps
Lead	208-1	44753	45365	45404	45174	0.81	cps
Lithium	6-1	5937145	5944797	5972747	5951563	0.31	cps
Magnesium	24-2	177033	176681	175491	176402	0.46	cps
Manganese	55-2	3000	3057	2937	2998	2.00	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:48:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	60621	61124	61341	61029	0.61	cps
Molybdenum	94-1	32638	30650	31569	31619	3.15	cps
Molybdenum	95-1	38127	37467	37509	37701	0.98	cps
Molybdenum	96-1	41938	42314	40842	41698	1.83	cps
Molybdenum	97-1	24797	23804	23345	23982	3.10	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2214	2354	2480	2349	5.68	cps
Phosphorus	31-2	692	708	700	700	1.19	cps
Potassium	39-2	207008	206280	206179	206489	0.22	cps
Rhodium	103-1	17016788	17016121	17042836	17025248	0.09	cps
Rhodium	103-2	8766525	8783560	8820090	8790058	0.31	cps
Scandium	45-1	12180672	12195217	12271254	12215714	0.40	cps
Scandium	45-2	557674	562812	564444	561643	0.63	cps
Selenium	77-2	77	57	53	62	20.29	cps
Selenium	78-2	348	315	339	334	5.15	cps
Selenium	82-1	1309	1429	1379	1372	4.41	cps
Silicon	28-1	594723	595056	593703	594494	0.12	cps
Silver	109-1	16786	17912	16761	17153	3.83	cps
Silver	107-1	17729	18546	18296	18190	2.30	cps
Sodium	23-2	360476	362877	360586	361313	0.38	cps
Strontium	86-1	5685	5618	5326	5543	3.44	cps
Strontium	88-1	40224	40475	39539	40079	1.21	cps
Sulfur	34-1	514688	507400	516151	512746	0.91	cps
Terbium	159-1	22178967	22248719	22172551	22200079	0.19	cps
Terbium	159-2	11842704	11865957	11866377	11858346	0.11	cps
Thallium	203-1	12657	13833	12815	13101	4.87	cps
Thallium	205-1	32691	31747	31897	32112	1.58	cps
Tin	118-1	59451	58581	58799	58944	0.77	cps
Titanium	47-1	10279	10487	10846	10538	2.72	cps
Uranium	238-1	42194	42839	43457	42830	1.47	cps
Vanadium	51-2	18682	18168	18432	18427	1.39	cps
Yttrium	89-1	18934373	18840892	19122434	18965900	0.76	cps
Yttrium	89-2	2948949	2964210	2981052	2964737	0.54	cps
Zinc	66-2	4161	4254	4264	4226	1.35	cps
Zirconium	90-1	29239	28137	28805	28727	1.93	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:48:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6635	6552	6260	6482	3.04	cps

LB Number : LB97425 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-20 16:52:06 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	100	75	106	31.91	cps
Antimony	121-1	1075	1158	1175	1136	4.72	cps
Arsenic	75-2	15	24	22	20	24.06	cps
Barium	135-1	58	50	50	53	9.12	cps
Barium	137-1	17	67	67	50	57.73	cps
Beryllium	9-1	128	167	122	139	17.43	cps
Bismuth	209-1	13815815	13809439	13808870	13811375	0.03	cps
Bismuth	209-2	8468873	8467453	8434922	8457083	0.23	cps
Boron	11-1	25055	24470	23010	24178	4.36	cps
Boron	10-1	5259	5184	4868	5104	4.07	cps
Cadmium	106-1	8086	8486	8378	8317	2.49	cps
Cadmium	108-1	42	4	4	17	129.88	cps
Cadmium	111-1	5660	5946	5874	5827	2.55	cps
Calcium	43-1	317	308	317	314	1.53	cps
Calcium	44-1	18829	19697	19873	19466	2.87	cps
Chromium	52-2	803	857	943	868	8.14	cps
Cobalt	59-2	100	120	73	98	23.94	cps
Copper	63-2	1067	1023	1030	1040	2.24	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	17	3	7	132.33	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	27	23	37	29	24.03	cps
Gadolinium	160-1	250	242	250	247	1.95	cps
Gadolinium	160-2	310	277	293	293	5.68	cps
Holmium	165-1	21641247	21693156	21738173	21690858	0.22	cps
Holmium	165-2	11939146	11855880	11830309	11875112	0.48	cps
Indium	115-1	18283116	18342488	18173750	18266451	0.47	cps
Indium	115-2	3871004	3873733	3842640	3862459	0.45	cps
Iron	56-2	8241	8380	8769	8464	3.23	cps
Iron	57-2	344	472	333	383	20.13	cps
Lead	206-1	711	756	972	813	17.19	cps
Lead	207-1	650	717	694	687	4.94	cps
Lead	208-1	3200	3178	3300	3226	2.02	cps
Lithium	6-1	6009552	6039595	5991910	6013685	0.40	cps
Magnesium	24-2	492	492	642	542	15.99	cps
Manganese	55-2	83	57	93	78	24.37	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:52:06	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3376	2700	3109	3062	11.11	cps
Molybdenum	94-1	1800	1608	1767	1725	5.94	cps
Molybdenum	95-1	1800	1809	1834	1814	0.96	cps
Molybdenum	96-1	2492	2117	1950	2186	12.69	cps
Molybdenum	97-1	1192	1258	1033	1161	9.95	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	87	60	113	87	30.77	cps
Phosphorus	31-2	667	567	783	672	16.13	cps
Potassium	39-2	37925	37256	37340	37507	0.97	cps
Rhodium	103-1	17107688	17224229	17124912	17152276	0.37	cps
Rhodium	103-2	8858249	8813089	8864998	8845445	0.32	cps
Scandium	45-1	12380369	12439795	12318859	12379674	0.49	cps
Scandium	45-2	569565	569603	563690	567619	0.60	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	106	107	81	98	14.74	cps
Selenium	82-1	120	-14	-7	33	231.46	cps
Silicon	28-1	437548	437496	439142	438062	0.21	cps
Silver	109-1	208	150	150	169	19.87	cps
Silver	107-1	283	225	208	239	16.49	cps
Sodium	23-2	25105	24579	24855	24846	1.06	cps
Strontium	86-1	1033	1058	1067	1053	1.65	cps
Strontium	88-1	325	258	225	269	18.90	cps
Sulfur	34-1	529918	539065	546547	538510	1.55	cps
Terbium	159-1	22296527	22142821	22396109	22278486	0.57	cps
Terbium	159-2	11889920	11860594	11868506	11873007	0.13	cps
Thallium	203-1	342	242	317	300	17.35	cps
Thallium	205-1	792	725	808	775	5.69	cps
Tin	118-1	2767	2850	2950	2856	3.22	cps
Titanium	47-1	250	242	133	208	31.24	cps
Uranium	238-1	117	192	158	156	24.16	cps
Vanadium	51-2	20	23	10	18	39.03	cps
Yttrium	89-1	19081319	19056848	19115502	19084557	0.15	cps
Yttrium	89-2	2982283	2990651	2973356	2982097	0.29	cps
Zinc	66-2	2397	2454	2490	2447	1.92	cps
Zirconium	90-1	2125	1909	2034	2022	5.38	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:52:06	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	500	433	461	7.52	cps

LB Number : LB97425 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-20 16:55:41 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14012561	14140872	14280183	14144539	0.95	cps
Antimony	121-1	15376	16329	16010	15905	3.05	cps
Arsenic	75-2	206	170	207	194	10.73	cps
Barium	135-1	5193	5218	5310	5240	1.17	cps
Barium	137-1	8319	8962	8670	8650	3.72	cps
Beryllium	9-1	1156	1056	1283	1165	9.80	cps
Bismuth	209-1	12819161	13011734	13023250	12951382	0.89	cps
Bismuth	209-2	7783507	7817071	7136523	7579033	5.06	cps
Boron	11-1	23928	23152	22159	23080	3.84	cps
Boron	10-1	5551	4951	4534	5012	10.20	cps
Cadmium	106-1	7777	8236	8061	8025	2.88	cps
Cadmium	108-1	3584	3450	3567	3534	2.06	cps
Cadmium	111-1	7440	7751	7271	7488	3.25	cps
Calcium	43-1	4420612	4436750	4460155	4439172	0.45	cps
Calcium	44-1	72016758	72393677	72704893	72371776	0.48	cps
Chromium	52-2	91955	92592	93397	92648	0.78	cps
Cobalt	59-2	8729	9176	8983	8963	2.50	cps
Copper	63-2	42248	43712	43521	43160	1.84	cps
Dysprosium	156-1	83	75	42	67	33.07	cps
Dysprosium	156-2	40	43	50	44	11.46	cps
Erbium	164-1	83	150	133	122	28.39	cps
Erbium	164-2	53	50	47	50	6.66	cps
Gadolinium	160-1	217	292	233	247	15.93	cps
Gadolinium	160-2	340	310	310	320	5.41	cps
Holmium	165-1	21678621	21851980	21802441	21777680	0.41	cps
Holmium	165-2	11765733	11713838	10760065	11413212	4.96	cps
Indium	115-1	17426345	17550130	17530938	17502471	0.38	cps
Indium	115-2	3650279	3716248	3386921	3584483	4.86	cps
Iron	56-2	379945220	389193331	387109686	385416079	1.26	cps
Iron	57-2	9328301	9522862	9637242	9496135	1.64	cps
Lead	206-1	48639	47418	47914	47991	1.28	cps
Lead	207-1	38127	38634	37492	38085	1.50	cps
Lead	208-1	182352	181252	180708	181437	0.46	cps
Lithium	6-1	5804165	5811462	5769238	5794955	0.39	cps
Magnesium	24-2	35115208	35014747	35638086	35256014	0.95	cps
Manganese	55-2	21603	22264	22274	22047	1.74	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:55:41	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	21834334	22152429	21911376	21966046	0.76	cps
Molybdenum	94-1	7614889	7706954	7708677	7676840	0.70	cps
Molybdenum	95-1	13595694	13696645	13671259	13654533	0.38	cps
Molybdenum	96-1	14519396	14611773	14475110	14535426	0.48	cps
Molybdenum	97-1	8355153	8409251	8327125	8363843	0.50	cps
Neodymium	150-1	93	80	80	84	9.12	cps
Neodymium	150-2	20	23	17	20	16.65	cps
Nickel	60-2	10744	10794	10954	10831	1.01	cps
Phosphorus	31-2	837079	851613	848821	845838	0.91	cps
Potassium	39-2	33681116	34037635	34073577	33930776	0.64	cps
Rhodium	103-1	15922977	16037039	15995302	15985106	0.36	cps
Rhodium	103-2	8179895	8351850	7587610	8039785	4.99	cps
Scandium	45-1	12070925	12147084	12199196	12139069	0.53	cps
Scandium	45-2	554804	562362	515092	544086	4.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	96	98	109	101	6.92	cps
Selenium	82-1	90	46	71	69	32.11	cps
Silicon	28-1	640602	648262	649551	646138	0.75	cps
Silver	109-1	925	1000	1150	1025	11.18	cps
Silver	107-1	1000	1208	1350	1186	14.84	cps
Sodium	23-2	67619289	67266337	68949464	67945030	1.31	cps
Strontium	86-1	151012	149445	153158	151205	1.23	cps
Strontium	88-1	1309499	1318783	1316619	1314967	0.37	cps
Sulfur	34-1	6649172	6648879	6689801	6662617	0.35	cps
Terbium	159-1	22273966	22426355	22374064	22358128	0.35	cps
Terbium	159-2	11701929	11745758	10808506	11418731	4.63	cps
Thallium	203-1	1058	1300	1150	1170	10.43	cps
Thallium	205-1	2534	2800	2667	2667	5.00	cps
Tin	118-1	4393	4109	4192	4231	3.44	cps
Titanium	47-1	4219739	4249597	4217471	4228935	0.42	cps
Uranium	238-1	800	950	958	903	9.87	cps
Vanadium	51-2	603	560	647	603	7.18	cps
Yttrium	89-1	18645776	18864426	18875245	18795149	0.69	cps
Yttrium	89-2	2900538	2958318	2699337	2852731	4.77	cps
Zinc	66-2	11631	11828	11782	11747	0.88	cps
Zirconium	90-1	4126	3892	3942	3987	3.08	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 16:55:41	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	858	792	825	825	4.04	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:05:15	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14903602	14715969	15031463	14883678	1.07	cps
Antimony	121-1	281044	282496	288018	283852	1.30	cps
Arsenic	75-2	10487	10257	10635	10460	1.82	cps
Barium	135-1	73277	73478	74040	73598	0.54	cps
Barium	137-1	129229	127943	129810	128994	0.74	cps
Beryllium	9-1	72897	73712	74036	73548	0.80	cps
Bismuth	209-1	13024463	13043847	13121801	13063370	0.39	cps
Bismuth	209-2	7600525	7630647	7605643	7612271	0.21	cps
Boron	11-1	159684	160401	160880	160322	0.38	cps
Boron	10-1	33839	33805	34307	33984	0.82	cps
Cadmium	106-1	18354	17470	17895	17906	2.47	cps
Cadmium	108-1	10216	9966	9879	10020	1.75	cps
Cadmium	111-1	82679	82634	82306	82540	0.25	cps
Calcium	43-1	4741607	4723045	4758285	4740979	0.37	cps
Calcium	44-1	77291623	77578473	77856750	77575615	0.36	cps
Chromium	52-2	193170	195645	193457	194091	0.70	cps
Cobalt	59-2	163657	167108	166997	165921	1.18	cps
Copper	63-2	157244	156301	157146	156897	0.33	cps
Dysprosium	156-1	83	75	50	69	24.98	cps
Dysprosium	156-2	20	33	33	29	26.64	cps
Erbium	164-1	175	117	75	122	41.10	cps
Erbium	164-2	57	80	50	62	25.32	cps
Gadolinium	160-1	292	217	267	258	14.78	cps
Gadolinium	160-2	317	367	303	329	10.15	cps
Holmium	165-1	22397838	22493235	22224995	22372023	0.61	cps
Holmium	165-2	11698101	11712551	11782257	11730970	0.38	cps
Indium	115-1	18300466	18334358	18386107	18340310	0.24	cps
Indium	115-2	3674092	3706091	3699186	3693123	0.46	cps
Iron	56-2	403552676	409060942	407993965	406869194	0.72	cps
Iron	57-2	9928364	10077157	10084627	10030049	0.88	cps
Lead	206-1	261495	257887	260676	260019	0.73	cps
Lead	207-1	217304	215288	219184	217259	0.90	cps
Lead	208-1	1008030	998100	1013225	1006451	0.76	cps
Lithium	6-1	5809177	5786468	5819682	5805109	0.29	cps
Magnesium	24-2	37333208	36922886	37822822	37359639	1.21	cps
Manganese	55-2	77781	80060	78203	78681	1.54	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:05:15	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	23908867	23873000	23975350	23919072	0.22	cps
Molybdenum	94-1	8863251	8845295	8939704	8882750	0.56	cps
Molybdenum	95-1	14879327	14834811	14937761	14883966	0.35	cps
Molybdenum	96-1	15939959	15798261	15884110	15874110	0.45	cps
Molybdenum	97-1	9173088	9151708	9163709	9162835	0.12	cps
Neodymium	150-1	73	67	53	64	15.80	cps
Neodymium	150-2	20	40	27	29	35.25	cps
Nickel	60-2	53012	52915	53223	53050	0.30	cps
Phosphorus	31-2	887599	873710	895657	885655	1.25	cps
Potassium	39-2	35812539	35731202	36317762	35953834	0.88	cps
Rhodium	103-1	16731157	16569849	16636011	16645672	0.49	cps
Rhodium	103-2	8345766	8346664	8383443	8358624	0.26	cps
Scandium	45-1	12696865	12781962	12777584	12752137	0.38	cps
Scandium	45-2	578395	579960	585275	581210	0.62	cps
Selenium	77-2	237	283	337	286	17.52	cps
Selenium	78-2	1020	961	1039	1007	4.04	cps
Selenium	82-1	5549	5611	5551	5570	0.63	cps
Silicon	28-1	1267683	1270451	1283710	1273948	0.67	cps
Silver	109-1	328953	328174	331159	329429	0.47	cps
Silver	107-1	344532	342269	349923	345574	1.14	cps
Sodium	23-2	72719002	71655527	73644772	72673100	1.37	cps
Strontium	86-1	416450	417506	416790	416915	0.13	cps
Strontium	88-1	3663592	3665852	3638968	3656137	0.41	cps
Sulfur	34-1	7056515	7042487	7152316	7083773	0.84	cps
Terbium	159-1	22721900	23020178	22881891	22874656	0.65	cps
Terbium	159-2	11671140	11691755	11783493	11715463	0.51	cps
Thallium	203-1	255923	259639	265356	260306	1.83	cps
Thallium	205-1	615796	614409	620708	616971	0.54	cps
Tin	118-1	619767	615884	622849	619500	0.56	cps
Titanium	47-1	4626564	4661139	4613240	4633648	0.53	cps
Uranium	238-1	2272427	2257958	2287373	2272586	0.65	cps
Vanadium	51-2	78427	78451	78598	78492	0.12	cps
Yttrium	89-1	19671023	19918276	19794936	19794745	0.62	cps
Yttrium	89-2	2968770	2959905	3007552	2978742	0.85	cps
Zinc	66-2	27436	27055	27262	27251	0.70	cps
Zirconium	90-1	1345254	1338442	1342708	1342134	0.26	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:05:15	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	302190	303949	301479	302540	0.42	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:08:54	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8471338	8498866	8484834	8485013	0.16	cps
Antimony	121-1	6770122	6774741	6737944	6760936	0.30	cps
Arsenic	75-2	252371	251942	254793	253035	0.61	cps
Barium	135-1	8590986	8579961	8582194	8584380	0.07	cps
Barium	137-1	14938516	14745116	14775973	14819868	0.70	cps
Beryllium	9-1	1812228	1808835	1803449	1808170	0.24	cps
Bismuth	209-1	12439387	12455006	12441281	12445225	0.07	cps
Bismuth	209-2	7360875	7378658	7385186	7374906	0.17	cps
Boron	11-1	1131594	1163525	1187438	1160853	2.41	cps
Boron	10-1	239358	251183	249847	246796	2.62	cps
Cadmium	106-1	206015	205408	206263	205895	0.21	cps
Cadmium	108-1	135263	138986	134396	136215	1.79	cps
Cadmium	111-1	1785967	1786345	1786400	1786237	0.01	cps
Calcium	43-1	11977286	11932992	11874442	11928240	0.43	cps
Calcium	44-1	196035879	195006596	195600163	195547546	0.26	cps
Chromium	52-2	2491703	2511314	2483791	2495603	0.57	cps
Cobalt	59-2	3878652	3912984	3907299	3899645	0.47	cps
Copper	63-2	5331955	5314561	5371146	5339221	0.54	cps
Dysprosium	156-1	242	292	158	231	29.22	cps
Dysprosium	156-2	133	140	167	147	12.03	cps
Erbium	164-1	183	125	67	125	46.67	cps
Erbium	164-2	70	37	43	50	35.28	cps
Gadolinium	160-1	275	283	300	286	4.45	cps
Gadolinium	160-2	330	263	413	336	22.40	cps
Holmium	165-1	21779227	21787513	21795470	21787403	0.04	cps
Holmium	165-2	11606816	11522631	11559035	11562827	0.37	cps
Indium	115-1	17664916	17589745	17608055	17620905	0.22	cps
Indium	115-2	3616550	3638764	3596109	3617141	0.59	cps
Iron	56-2	512851711	514200745	515602367	514218274	0.27	cps
Iron	57-2	12653811	12822683	12775583	12750692	0.68	cps
Lead	206-1	5072561	5068250	5014226	5051679	0.64	cps
Lead	207-1	4633039	4569620	4559452	4587370	0.87	cps
Lead	208-1	20580668	20475527	20360746	20472314	0.54	cps
Lithium	6-1	5705500	5698572	5775644	5726572	0.74	cps
Magnesium	24-2	92952615	93743244	93140821	93278893	0.44	cps
Manganese	55-2	2867966	2887774	2875259	2877000	0.35	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:08:54	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	30031414	29855088	29890260	29925587	0.31	cps
Molybdenum	94-1	15105299	15056687	15043334	15068440	0.22	cps
Molybdenum	95-1	18632469	18718024	18551761	18634085	0.45	cps
Molybdenum	96-1	20594368	20715106	20527227	20612233	0.46	cps
Molybdenum	97-1	11448496	11480835	11453126	11460819	0.15	cps
Neodymium	150-1	540	633	640	604	9.25	cps
Neodymium	150-2	97	77	130	101	26.64	cps
Nickel	60-2	1024179	1030227	1031420	1028609	0.38	cps
Phosphorus	31-2	90583	91069	90936	90862	0.28	cps
Potassium	39-2	45129176	45141934	45129925	45133678	0.02	cps
Rhodium	103-1	15970026	15886972	16053821	15970273	0.52	cps
Rhodium	103-2	7940122	7991895	7992461	7974826	0.38	cps
Scandium	45-1	12512605	12561109	12591137	12554951	0.32	cps
Scandium	45-2	570356	571927	564959	569081	0.64	cps
Selenium	77-2	6031	6268	6358	6219	2.71	cps
Selenium	78-2	22032	21826	21663	21840	0.85	cps
Selenium	82-1	133522	132068	131593	132394	0.76	cps
Silicon	28-1	5772523	5948914	5979646	5900361	1.89	cps
Silver	109-1	8310622	8314806	8290815	8305414	0.15	cps
Silver	107-1	8694707	8738532	8685842	8706360	0.32	cps
Sodium	23-2	179844237	180248462	180487237	180193312	0.18	cps
Strontium	86-1	2361460	2354309	2348217	2354662	0.28	cps
Strontium	88-1	21002158	20948210	20794376	20914915	0.52	cps
Sulfur	34-1	1344900	1349034	1340563	1344832	0.31	cps
Terbium	159-1	22546132	22559856	22486357	22530782	0.17	cps
Terbium	159-2	11422250	11559868	11599625	11527248	0.81	cps
Thallium	203-1	6232840	6278992	6226046	6245959	0.46	cps
Thallium	205-1	14750976	14882442	14703677	14779032	0.63	cps
Tin	118-1	5846621	5823762	5804500	5824961	0.36	cps
Titanium	47-1	5615014	5661083	5607297	5627798	0.52	cps
Uranium	238-1	21968645	22120881	22046939	22045488	0.35	cps
Vanadium	51-2	1971987	1967449	1954842	1964759	0.45	cps
Yttrium	89-1	19387764	19247141	19315578	19316828	0.36	cps
Yttrium	89-2	2907887	2930222	2921949	2920019	0.39	cps
Zinc	66-2	734793	738929	747907	740543	0.91	cps
Zirconium	90-1	12671139	12647128	12648214	12655494	0.11	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:08:54	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2839289	2829327	2831706	2833441	0.18	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:14:36	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	842	575	800	739	19.41	cps
Antimony	121-1	2934	2550	2842	2775	7.21	cps
Arsenic	75-2	48	26	19	31	49.96	cps
Barium	135-1	342	325	433	367	15.91	cps
Barium	137-1	575	525	450	517	12.18	cps
Beryllium	9-1	206	128	239	191	29.89	cps
Bismuth	209-1	14020263	14221047	14022518	14087943	0.82	cps
Bismuth	209-2	8396822	8298384	8275288	8323498	0.78	cps
Boron	11-1	20799	20473	20189	20487	1.49	cps
Boron	10-1	4392	4317	3959	4223	5.49	cps
Cadmium	106-1	8253	8653	8236	8381	2.82	cps
Cadmium	108-1	21	29	38	29	28.58	cps
Cadmium	111-1	5841	6108	5810	5920	2.76	cps
Calcium	43-1	625	817	708	717	13.41	cps
Calcium	44-1	28053	28428	28462	28314	0.80	cps
Chromium	52-2	1080	953	957	997	7.25	cps
Cobalt	59-2	347	213	210	257	30.38	cps
Copper	63-2	1977	1930	1883	1930	2.42	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Erbium	164-1	83	92	67	81	15.80	cps
Erbium	164-2	43	50	40	44	11.46	cps
Gadolinium	160-1	192	275	208	225	19.60	cps
Gadolinium	160-2	360	260	300	307	16.41	cps
Holmium	165-1	22103370	22403714	22220274	22242453	0.68	cps
Holmium	165-2	11998854	11828271	11822012	11883046	0.84	cps
Indium	115-1	18932838	19183786	18881431	18999352	0.85	cps
Indium	115-2	3931920	3921948	3928209	3927359	0.13	cps
Iron	56-2	74192	35220	35287	48233	46.61	cps
Iron	57-2	2526	1106	1000	1544	55.21	cps
Lead	206-1	878	906	895	893	1.57	cps
Lead	207-1	956	844	906	902	6.17	cps
Lead	208-1	3784	3600	3773	3719	2.76	cps
Lithium	6-1	6044578	6106990	6045196	6065588	0.59	cps
Magnesium	24-2	4584	4042	4217	4281	6.46	cps
Manganese	55-2	423	190	230	281	44.40	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:14:36	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	12481	11939	11572	11997	3.81	cps
Molybdenum	94-1	5593	5410	4751	5251	8.43	cps
Molybdenum	95-1	8103	7302	6994	7466	7.67	cps
Molybdenum	96-1	8461	7994	8086	8180	3.02	cps
Molybdenum	97-1	5418	5051	4401	4957	10.39	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	187	153	133	158	17.07	cps
Phosphorus	31-2	517	817	683	672	22.36	cps
Potassium	39-2	48715	45947	45178	46613	3.99	cps
Rhodium	103-1	17864043	18124750	17853306	17947366	0.86	cps
Rhodium	103-2	9063495	9070482	9085815	9073264	0.13	cps
Scandium	45-1	12807604	13060539	12917816	12928653	0.98	cps
Scandium	45-2	591945	591664	596082	593230	0.42	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	144	109	126	127	13.91	cps
Selenium	82-1	-46	60	88	34	207.67	cps
Silicon	28-1	448349	452398	448385	449711	0.52	cps
Silver	109-1	992	942	867	933	6.74	cps
Silver	107-1	1067	1167	867	1033	14.78	cps
Sodium	23-2	43197	41893	41525	42205	2.08	cps
Strontium	86-1	1192	1308	1350	1283	6.40	cps
Strontium	88-1	958	958	967	961	0.50	cps
Sulfur	34-1	513764	510437	517037	513746	0.64	cps
Terbium	159-1	22746894	23412034	23175162	23111363	1.46	cps
Terbium	159-2	11958266	11910966	11918979	11929404	0.21	cps
Thallium	203-1	1200	1025	1008	1078	9.85	cps
Thallium	205-1	2559	2509	2667	2578	3.14	cps
Tin	118-1	3025	2967	2734	2909	5.31	cps
Titanium	47-1	525	558	550	544	3.19	cps
Uranium	238-1	825	800	850	825	3.03	cps
Vanadium	51-2	200	87	110	132	45.27	cps
Yttrium	89-1	19756813	20269030	19926385	19984076	1.31	cps
Yttrium	89-2	3055934	3049187	3067584	3057568	0.30	cps
Zinc	66-2	2584	2590	2630	2601	0.97	cps
Zirconium	90-1	2717	2734	3034	2828	6.30	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:14:36	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	508	550	550	7.58	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:18:10	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4284	3867	4084	4079	5.11	cps
Antimony	121-1	28071	28137	28446	28218	0.71	cps
Arsenic	75-2	552	537	535	541	1.69	cps
Barium	135-1	33166	33709	33725	33533	0.95	cps
Barium	137-1	58599	57888	60248	58912	2.05	cps
Beryllium	9-1	4212	3751	4212	4058	6.56	cps
Bismuth	209-1	13885590	14015979	13869445	13923671	0.58	cps
Bismuth	209-2	8316950	8280145	8297731	8298275	0.22	cps
Boron	11-1	70859	70348	70951	70719	0.46	cps
Boron	10-1	14824	15016	15292	15044	1.56	cps
Cadmium	106-1	9187	9745	9137	9356	3.61	cps
Cadmium	108-1	363	288	296	315	13.04	cps
Cadmium	111-1	9948	10388	9906	10081	2.65	cps
Calcium	43-1	24246	24480	24671	24466	0.87	cps
Calcium	44-1	405486	408277	404170	405978	0.52	cps
Chromium	52-2	11545	11545	11902	11664	1.77	cps
Cobalt	59-2	8493	8403	8479	8458	0.57	cps
Copper	63-2	13913	13810	13850	13858	0.38	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	92	67	142	100	38.19	cps
Erbium	164-2	27	57	57	47	37.11	cps
Gadolinium	160-1	192	283	133	203	37.29	cps
Gadolinium	160-2	357	263	277	299	16.89	cps
Holmium	165-1	22483621	22422122	22308687	22404810	0.40	cps
Holmium	165-2	11960933	11935636	11975918	11957496	0.17	cps
Indium	115-1	19210045	19371890	19050778	19210904	0.84	cps
Indium	115-2	4006263	3975069	3982566	3987966	0.41	cps
Iron	56-2	229723	232139	231055	230972	0.52	cps
Iron	57-2	5890	6335	6229	6151	3.78	cps
Lead	206-1	10944	11311	11650	11301	3.12	cps
Lead	207-1	9859	9676	10393	9976	3.73	cps
Lead	208-1	45054	45298	46750	45701	2.01	cps
Lithium	6-1	6098823	6124222	6117819	6113621	0.22	cps
Magnesium	24-2	188580	188116	190766	189154	0.75	cps
Manganese	55-2	3187	3417	3304	3303	3.48	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:18:10	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	65367	64991	62956	64438	2.01	cps
Molybdenum	94-1	32655	34125	32964	33248	2.33	cps
Molybdenum	95-1	39940	40901	39263	40035	2.06	cps
Molybdenum	96-1	44295	43710	43994	43999	0.66	cps
Molybdenum	97-1	23178	25073	24196	24149	3.93	cps
Neodymium	150-1	20	27	20	22	17.33	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	2540	2507	2597	2548	1.79	cps
Phosphorus	31-2	842	883	725	817	10.05	cps
Potassium	39-2	225403	224667	227121	225730	0.56	cps
Rhodium	103-1	18203296	18163325	17890102	18085575	0.94	cps
Rhodium	103-2	9203890	9118234	9199281	9173802	0.53	cps
Scandium	45-1	13177682	13317899	13171959	13222513	0.63	cps
Scandium	45-2	603462	601414	607087	603988	0.48	cps
Selenium	77-2	70	60	53	61	13.73	cps
Selenium	78-2	372	341	365	359	4.58	cps
Selenium	82-1	1516	1490	1475	1494	1.40	cps
Silicon	28-1	609280	612450	614861	612197	0.46	cps
Silver	109-1	18830	17937	18630	18466	2.54	cps
Silver	107-1	19055	19673	19831	19520	2.10	cps
Sodium	23-2	389707	391967	392240	391305	0.36	cps
Strontium	86-1	6051	5826	5801	5893	2.34	cps
Strontium	88-1	42840	42539	41394	42258	1.81	cps
Sulfur	34-1	539127	539991	541717	540278	0.24	cps
Terbium	159-1	23261967	23272486	23063554	23199336	0.51	cps
Terbium	159-2	11905775	12006759	11913533	11942022	0.47	cps
Thallium	203-1	13082	13858	13858	13599	3.29	cps
Thallium	205-1	32198	32842	32307	32449	1.06	cps
Tin	118-1	60489	61167	59025	60227	1.82	cps
Titanium	47-1	11271	11788	11372	11477	2.39	cps
Uranium	238-1	41635	41459	42186	41760	0.91	cps
Vanadium	51-2	19493	19480	20044	19672	1.64	cps
Yttrium	89-1	20371852	20366315	20261141	20333103	0.31	cps
Yttrium	89-2	3092417	3095543	3109898	3099286	0.30	cps
Zinc	66-2	6301	6422	6668	6464	2.89	cps
Zirconium	90-1	28220	28154	27978	28117	0.44	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:18:10	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6102	5910	6318	6110	3.35	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:21:45	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	134861	133397	137317	135192	1.47	cps
Antimony	121-1	2627957	2647151	2650980	2642029	0.47	cps
Arsenic	75-2	35707	35959	36527	36064	1.17	cps
Barium	135-1	2653771	2641662	2661660	2652364	0.38	cps
Barium	137-1	4659683	4668284	4649793	4659253	0.20	cps
Beryllium	9-1	476083	473739	484998	478273	1.24	cps
Bismuth	209-1	13180108	13244560	12968565	13131078	1.10	cps
Bismuth	209-2	7789217	7789777	7805848	7794947	0.12	cps
Boron	11-1	1030645	1060258	1085345	1058750	2.59	cps
Boron	10-1	222689	226024	231126	226613	1.88	cps
Cadmium	106-1	48166	47849	47656	47890	0.54	cps
Cadmium	108-1	28821	30049	29539	29470	2.09	cps
Cadmium	111-1	445407	443852	446618	445292	0.31	cps
Calcium	43-1	2500	2384	2559	2481	3.59	cps
Calcium	44-1	41183	41376	41476	41345	0.36	cps
Chromium	52-2	326283	329396	333610	329763	1.12	cps
Cobalt	59-2	2159712	2178168	2183565	2173815	0.58	cps
Copper	63-2	1845938	1866375	1855013	1855775	0.55	cps
Dysprosium	156-1	25	75	50	50	50.00	cps
Dysprosium	156-2	40	23	47	37	32.79	cps
Erbium	164-1	83	42	83	69	34.64	cps
Erbium	164-2	30	27	30	29	6.65	cps
Gadolinium	160-1	208	208	292	236	20.38	cps
Gadolinium	160-2	317	277	270	288	8.77	cps
Holmium	165-1	21202020	21165185	21008742	21125316	0.49	cps
Holmium	165-2	11300792	11329197	11313470	11314486	0.13	cps
Indium	115-1	18197751	18273105	18211605	18227487	0.22	cps
Indium	115-2	3797075	3836467	3795126	3809556	0.61	cps
Iron	56-2	4221429	4281347	4283853	4262210	0.83	cps
Iron	57-2	104822	107172	107816	106603	1.48	cps
Lead	206-1	6989459	6956296	6940914	6962223	0.36	cps
Lead	207-1	5831473	5858486	5707029	5798996	1.39	cps
Lead	208-1	27131757	27192080	26649810	26991216	1.10	cps
Lithium	6-1	5779983	5846617	5885228	5837276	0.91	cps
Magnesium	24-2	600	658	767	675	12.53	cps
Manganese	55-2	1802428	1826267	1833884	1820860	0.90	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:21:45	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5751	5551	5159	5487	5.49	cps
Molybdenum	94-1	2775	2825	2325	2642	10.43	cps
Molybdenum	95-1	3276	3150	3034	3153	3.83	cps
Molybdenum	96-1	3967	3917	3200	3695	11.61	cps
Molybdenum	97-1	2209	2134	1834	2059	9.64	cps
Neodymium	150-1	173	287	233	231	24.53	cps
Neodymium	150-2	23	33	17	24	34.31	cps
Nickel	60-2	1237109	1247933	1252101	1245714	0.62	cps
Phosphorus	31-2	533	592	708	611	14.58	cps
Potassium	39-2	42629	41476	43874	42660	2.81	cps
Rhodium	103-1	17242131	17204007	17315089	17253742	0.33	cps
Rhodium	103-2	8727562	8759400	8758388	8748450	0.21	cps
Scandium	45-1	12610718	12647736	12582087	12613514	0.26	cps
Scandium	45-2	580292	586884	589339	585505	0.80	cps
Selenium	77-2	5111	5398	4764	5091	6.23	cps
Selenium	78-2	16921	17062	17114	17032	0.59	cps
Selenium	82-1	99965	101866	101922	101251	1.10	cps
Silicon	28-1	1036409	1058089	1054807	1049768	1.11	cps
Silver	109-1	7364426	7434002	7436239	7411556	0.55	cps
Silver	107-1	7748606	7826710	7745625	7773647	0.59	cps
Sodium	23-2	36153	37013	36262	36476	1.28	cps
Strontium	86-1	310392	312295	314300	312329	0.63	cps
Strontium	88-1	2666490	2734688	2677682	2692953	1.36	cps
Sulfur	34-1	531546	540457	539589	537197	0.91	cps
Terbium	159-1	21758058	22059221	21948121	21921800	0.69	cps
Terbium	159-2	11339428	11439643	11339532	11372868	0.51	cps
Thallium	203-1	4428652	4485964	4406957	4440524	0.92	cps
Thallium	205-1	10476749	10516502	10444266	10479173	0.35	cps
Tin	118-1	2242	2134	2334	2236	4.48	cps
Titanium	47-1	308	317	358	328	8.17	cps
Uranium	238-1	167	125	108	133	22.54	cps
Vanadium	51-2	856493	867325	871037	864952	0.87	cps
Yttrium	89-1	19402889	19309634	19412689	19375071	0.29	cps
Yttrium	89-2	2963182	2980645	2986127	2976651	0.40	cps
Zinc	66-2	382656	388567	387945	386389	0.84	cps
Zirconium	90-1	2825	2450	2592	2623	7.22	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:21:45	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	617	750	592	653	13.04	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-03DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:25:19	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135770	137014	137553	136779	0.67	cps
Antimony	121-1	2688411	2683537	2677622	2683190	0.20	cps
Arsenic	75-2	36551	36676	36533	36587	0.21	cps
Barium	135-1	2665830	2672547	2671610	2669996	0.14	cps
Barium	137-1	4682687	4686961	4694223	4687957	0.12	cps
Beryllium	9-1	482763	489785	487297	486615	0.73	cps
Bismuth	209-1	13039566	13253451	13206821	13166613	0.85	cps
Bismuth	209-2	7885269	7778501	7798039	7820603	0.73	cps
Boron	11-1	1057978	1065935	1101847	1075253	2.17	cps
Boron	10-1	225221	235975	235703	232300	2.64	cps
Cadmium	106-1	48250	48810	49253	48771	1.03	cps
Cadmium	108-1	28621	29848	29264	29244	2.10	cps
Cadmium	111-1	450821	452796	453985	452534	0.35	cps
Calcium	43-1	2434	2725	2292	2484	8.90	cps
Calcium	44-1	39897	39830	39838	39855	0.09	cps
Chromium	52-2	335560	333633	333435	334210	0.35	cps
Cobalt	59-2	2183749	2180871	2182449	2182356	0.07	cps
Copper	63-2	1867212	1874339	1874291	1871947	0.22	cps
Dysprosium	156-1	58	58	42	53	18.23	cps
Dysprosium	156-2	40	40	57	46	21.13	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	37	17	47	33	45.82	cps
Gadolinium	160-1	208	192	200	200	4.16	cps
Gadolinium	160-2	330	310	300	313	4.87	cps
Holmium	165-1	20870677	21162059	21264758	21099164	0.97	cps
Holmium	165-2	11399479	11355774	11352949	11369401	0.23	cps
Indium	115-1	18059568	18234353	18336390	18210104	0.77	cps
Indium	115-2	3805357	3823988	3800836	3810060	0.32	cps
Iron	56-2	4302218	4300123	4264048	4288796	0.50	cps
Iron	57-2	105443	105940	104866	105416	0.51	cps
Lead	206-1	7080433	7031356	6967929	7026573	0.80	cps
Lead	207-1	5869348	5893129	5837510	5866663	0.48	cps
Lead	208-1	27372033	27541539	27112286	27341953	0.79	cps
Lithium	6-1	5728511	5819935	5789801	5779415	0.81	cps
Magnesium	24-2	567	525	467	519	9.67	cps
Manganese	55-2	1849081	1844226	1842331	1845212	0.19	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-03DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:25:19	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3642	3384	3342	3456	4.70	cps
Molybdenum	94-1	2092	1859	1892	1947	6.48	cps
Molybdenum	95-1	1859	1859	1859	1859	0.00	cps
Molybdenum	96-1	2442	2250	2334	2342	4.10	cps
Molybdenum	97-1	1325	1050	1250	1208	11.77	cps
Neodymium	150-1	180	133	193	169	18.65	cps
Neodymium	150-2	20	7	23	17	52.90	cps
Nickel	60-2	1254100	1261622	1256988	1257570	0.30	cps
Phosphorus	31-2	650	658	767	692	9.41	cps
Potassium	39-2	41635	42671	42788	42364	1.50	cps
Rhodium	103-1	17152809	17247607	17226693	17209036	0.29	cps
Rhodium	103-2	8860919	8742541	8785333	8796264	0.68	cps
Scandium	45-1	12420075	12664220	12631782	12572026	1.05	cps
Scandium	45-2	586978	583955	584268	585067	0.28	cps
Selenium	77-2	5164	5024	5238	5142	2.11	cps
Selenium	78-2	17071	17234	17042	17116	0.61	cps
Selenium	82-1	102414	102654	102361	102476	0.15	cps
Silicon	28-1	1056972	1060899	1061943	1059938	0.25	cps
Silver	109-1	7502041	7518459	7488723	7503074	0.20	cps
Silver	107-1	7799465	7830908	7839148	7823174	0.27	cps
Sodium	23-2	34992	34273	34741	34669	1.05	cps
Strontium	86-1	315826	317086	312988	315300	0.67	cps
Strontium	88-1	2686448	2689590	2679414	2685151	0.19	cps
Sulfur	34-1	553662	548933	549494	550696	0.47	cps
Terbium	159-1	21670132	21984170	21858926	21837742	0.72	cps
Terbium	159-2	11407962	11333199	11328416	11356525	0.39	cps
Thallium	203-1	4482611	4456392	4432289	4457097	0.56	cps
Thallium	205-1	10593397	10583780	10502199	10559792	0.47	cps
Tin	118-1	2242	2125	2259	2209	3.29	cps
Titanium	47-1	250	342	283	292	15.91	cps
Uranium	238-1	83	42	75	67	33.07	cps
Vanadium	51-2	875783	865777	872181	871247	0.58	cps
Yttrium	89-1	19048135	19321983	19372244	19247454	0.91	cps
Yttrium	89-2	3007949	2972259	2982855	2987688	0.61	cps
Zinc	66-2	389344	388833	389865	389347	0.13	cps
Zirconium	90-1	2700	2567	2934	2734	6.79	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-03DLX2	Instrumnet Name :	P7
Client Sample ID :	1511ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:25:19	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	750	933	767	817	12.41	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:28:53	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4109	3801	4001	3970	3.94	cps
Antimony	121-1	2834	2975	2692	2834	5.00	cps
Arsenic	75-2	22	26	17	22	21.57	cps
Barium	135-1	667	667	575	636	8.32	cps
Barium	137-1	1117	758	700	858	26.29	cps
Beryllium	9-1	189	183	183	185	1.73	cps
Bismuth	209-1	13279109	14664054	13977644	13973603	4.96	cps
Bismuth	209-2	7812848	7789805	6686256	7429636	8.67	cps
Boron	11-1	223789	223729	223423	223647	0.09	cps
Boron	10-1	49156	45870	46255	47094	3.81	cps
Cadmium	106-1	8536	9253	9354	9048	4.93	cps
Cadmium	108-1	346	346	408	367	9.84	cps
Cadmium	111-1	6121	6585	6557	6421	4.06	cps
Calcium	43-1	533	500	542	525	4.20	cps
Calcium	44-1	26951	26007	25356	26105	3.07	cps
Chromium	52-2	1403	1250	1227	1293	7.42	cps
Cobalt	59-2	737	573	610	640	13.39	cps
Copper	63-2	1707	1883	1723	1771	5.51	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	3	13	97	38	135.67	cps
Erbium	164-1	75	58	100	78	26.96	cps
Erbium	164-2	43	20	37	33	36.05	cps
Gadolinium	160-1	292	225	283	267	13.62	cps
Gadolinium	160-2	313	253	303	290	11.08	cps
Holmium	165-1	21688975	23799547	22296924	22595149	4.81	cps
Holmium	165-2	11474120	11323492	9631250	10809621	9.47	cps
Indium	115-1	18533386	20359195	19214104	19368895	4.76	cps
Indium	115-2	3774006	3716962	3101032	3530667	10.57	cps
Iron	56-2	11983	12189	11894	12022	1.26	cps
Iron	57-2	472	550	450	491	10.70	cps
Lead	206-1	2384	2256	1967	2202	9.70	cps
Lead	207-1	2078	1800	1961	1946	7.17	cps
Lead	208-1	9624	9096	8479	9066	6.32	cps
Lithium	6-1	5918336	6492973	6168748	6193352	4.65	cps
Magnesium	24-2	583	750	650	661	12.69	cps
Manganese	55-2	333	387	343	354	8.00	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:28:53	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1332503	1320166	1320844	1324504	0.52	cps
Molybdenum	94-1	482777	477332	476790	478967	0.69	cps
Molybdenum	95-1	837158	827492	831112	831921	0.59	cps
Molybdenum	96-1	883743	877141	875802	878895	0.48	cps
Molybdenum	97-1	515602	510366	509475	511814	0.65	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	713	630	737	693	8.09	cps
Phosphorus	31-2	642	742	717	700	7.43	cps
Potassium	39-2	42679	42311	43899	42963	1.93	cps
Rhodium	103-1	17669969	19425521	18234393	18443294	4.86	cps
Rhodium	103-2	8866379	8790313	7420517	8359069	9.73	cps
Scandium	45-1	12854372	14251940	13316295	13474203	5.28	cps
Scandium	45-2	585589	582803	498381	555591	8.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	133	117	109	120	10.29	cps
Selenium	82-1	23	-44	94	24	285.88	cps
Silicon	28-1	6916364	6906272	6907050	6909895	0.08	cps
Silver	109-1	1825	1458	1133	1472	23.51	cps
Silver	107-1	1950	1508	1400	1620	17.99	cps
Sodium	23-2	73170	73103	71596	72623	1.23	cps
Strontium	86-1	1250	1208	1192	1217	2.47	cps
Strontium	88-1	1150	933	1142	1075	11.42	cps
Sulfur	34-1	541546	547662	540318	543175	0.72	cps
Terbium	159-1	22303063	24748460	23197334	23416286	5.28	cps
Terbium	159-2	11411346	11307435	9642851	10787211	9.20	cps
Thallium	203-1	1692	1325	1525	1514	12.13	cps
Thallium	205-1	4001	3692	3434	3709	7.65	cps
Tin	118-1	11556778	11478284	11417672	11484245	0.61	cps
Titanium	47-1	75410	76114	73416	74980	1.87	cps
Uranium	238-1	50	92	75	72	29.04	cps
Vanadium	51-2	117	93	93	101	13.32	cps
Yttrium	89-1	19681582	21721923	20602826	20668777	4.94	cps
Yttrium	89-2	2986734	2954245	2511524	2817501	9.42	cps
Zinc	66-2	2920	2580	2570	2690	7.41	cps
Zirconium	90-1	23003	21316	21300	21873	4.47	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4084-04DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:28:53	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5001	4751	5009	4921	2.98	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-05DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:32:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3492	3659	3942	3698	6.15	cps
Antimony	121-1	2375	2550	2592	2506	4.59	cps
Arsenic	75-2	13	19	24	19	30.00	cps
Barium	135-1	475	350	308	378	22.96	cps
Barium	137-1	408	592	542	514	18.44	cps
Beryllium	9-1	106	72	133	104	29.51	cps
Bismuth	209-1	13196709	13277049	13100151	13191303	0.67	cps
Bismuth	209-2	7837984	7837590	7708621	7794732	0.96	cps
Boron	11-1	202169	204966	206323	204486	1.04	cps
Boron	10-1	43297	44424	44642	44121	1.64	cps
Cadmium	106-1	8528	8411	8303	8414	1.34	cps
Cadmium	108-1	258	279	246	261	6.45	cps
Cadmium	111-1	6043	5947	5952	5981	0.90	cps
Calcium	43-1	467	458	458	461	1.04	cps
Calcium	44-1	24087	24471	23812	24123	1.37	cps
Chromium	52-2	1460	1390	1493	1448	3.64	cps
Cobalt	59-2	550	500	517	522	4.88	cps
Copper	63-2	1673	1637	1767	1692	3.96	cps
Dysprosium	156-1	33	42	50	42	20.00	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	17	83	58	53	63.81	cps
Erbium	164-2	33	47	37	39	17.85	cps
Gadolinium	160-1	175	217	258	217	19.23	cps
Gadolinium	160-2	327	257	297	293	11.97	cps
Holmium	165-1	21117733	21183245	21115498	21138825	0.18	cps
Holmium	165-2	11183375	11287668	11210685	11227243	0.48	cps
Indium	115-1	18054898	17914342	18019505	17996249	0.41	cps
Indium	115-2	3655943	3693544	3670257	3673248	0.52	cps
Iron	56-2	11822	12061	11694	11859	1.57	cps
Iron	57-2	528	517	478	507	5.17	cps
Lead	206-1	1322	1522	1600	1482	9.67	cps
Lead	207-1	1078	1278	1289	1215	9.78	cps
Lead	208-1	5267	5923	5951	5714	6.77	cps
Lithium	6-1	5895288	5900711	5841110	5879036	0.56	cps
Magnesium	24-2	525	525	417	489	12.79	cps
Manganese	55-2	167	183	210	187	11.71	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-05DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:32:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1309235	1311454	1315745	1312145	0.25	cps
Molybdenum	94-1	472172	474507	469864	472181	0.49	cps
Molybdenum	95-1	810575	819949	816139	815554	0.58	cps
Molybdenum	96-1	855579	865094	868990	863221	0.80	cps
Molybdenum	97-1	506939	505919	508099	506986	0.22	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	700	667	700	689	2.79	cps
Phosphorus	31-2	867	575	750	731	20.10	cps
Potassium	39-2	41317	41108	41417	41281	0.38	cps
Rhodium	103-1	17248327	17349992	17141654	17246658	0.60	cps
Rhodium	103-2	8686343	8672757	8633535	8664211	0.32	cps
Scandium	45-1	12513058	12631080	12500088	12548075	0.58	cps
Scandium	45-2	573767	571256	573834	572952	0.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	109	111	128	116	8.79	cps
Selenium	82-1	106	-12	58	50	117.93	cps
Silicon	28-1	6775955	6840272	6805869	6807365	0.47	cps
Silver	109-1	550	583	550	561	3.43	cps
Silver	107-1	625	608	633	622	2.05	cps
Sodium	23-2	71404	71211	69486	70700	1.49	cps
Strontium	86-1	1283	1192	1392	1289	7.77	cps
Strontium	88-1	842	808	692	781	10.09	cps
Sulfur	34-1	534165	529530	525870	529855	0.78	cps
Terbium	159-1	21947699	21904581	21998228	21950169	0.21	cps
Terbium	159-2	11245892	11293942	11226242	11255358	0.31	cps
Thallium	203-1	808	725	775	770	5.45	cps
Thallium	205-1	2059	1959	2025	2014	2.53	cps
Tin	118-1	11332378	11304749	11347547	11328225	0.19	cps
Titanium	47-1	75167	73777	73894	74279	1.04	cps
Uranium	238-1	58	83	92	78	22.30	cps
Vanadium	51-2	47	60	57	54	12.74	cps
Yttrium	89-1	19300579	19429651	19278461	19336230	0.42	cps
Yttrium	89-2	2928142	2929369	2929962	2929158	0.03	cps
Zinc	66-2	2710	2797	2774	2760	1.62	cps
Zirconium	90-1	19506	18888	18696	19030	2.22	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	J4085-05DLX2	Instrumnet Name :	P7
Client Sample ID :	1511BDL	Dilution Factor :	2
Date & Time Acquired ::	2018-08-20 17:32:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3984	4151	4326	4154	4.11	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:36:02	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8066907	7960416	8042020	8023115	0.69	cps
Antimony	121-1	6412601	6443873	6530422	6462299	0.94	cps
Arsenic	75-2	238346	235612	239073	237677	0.77	cps
Barium	135-1	8120557	8176306	8285855	8194239	1.03	cps
Barium	137-1	14109018	14137748	14275230	14173999	0.63	cps
Beryllium	9-1	1802596	1782279	1778224	1787699	0.73	cps
Bismuth	209-1	11892585	12147094	12203365	12081015	1.37	cps
Bismuth	209-2	7243293	7570516	7051113	7288307	3.60	cps
Boron	11-1	1133486	1169036	1151959	1151494	1.54	cps
Boron	10-1	242933	244695	245694	244441	0.57	cps
Cadmium	106-1	198995	198419	199285	198900	0.22	cps
Cadmium	108-1	131175	131259	132091	131508	0.39	cps
Cadmium	111-1	1704243	1710074	1721683	1712000	0.52	cps
Calcium	43-1	11399626	11347920	11426758	11391435	0.35	cps
Calcium	44-1	186190267	186598679	186134062	186307669	0.14	cps
Chromium	52-2	2356965	2329435	2363091	2349830	0.76	cps
Cobalt	59-2	3696852	3650916	3674829	3674199	0.63	cps
Copper	63-2	5073840	4978968	5045623	5032810	0.97	cps
Dysprosium	156-1	150	125	100	125	20.00	cps
Dysprosium	156-2	150	187	183	173	11.70	cps
Erbium	164-1	108	83	50	81	36.33	cps
Erbium	164-2	23	63	73	53	49.61	cps
Gadolinium	160-1	267	208	267	247	13.62	cps
Gadolinium	160-2	310	357	310	326	8.28	cps
Holmium	165-1	20564470	21186731	21135346	20962182	1.65	cps
Holmium	165-2	11247119	11777222	10964157	11329499	3.64	cps
Indium	115-1	16467673	16696143	16980112	16714643	1.54	cps
Indium	115-2	3440428	3682405	3433769	3518867	4.03	cps
Iron	56-2	486158133	483811955	483553277	484507789	0.30	cps
Iron	57-2	12003962	11838011	12026198	11956057	0.86	cps
Lead	206-1	4930021	4921077	4904328	4918475	0.27	cps
Lead	207-1	4491649	4466439	4458104	4472064	0.39	cps
Lead	208-1	20068424	19949547	19980615	19999529	0.31	cps
Lithium	6-1	5671778	5679417	5693630	5681608	0.20	cps
Magnesium	24-2	89000189	87273048	88674839	88316026	1.04	cps
Manganese	55-2	2718074	2701862	2722335	2714090	0.40	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:36:02	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	28471124	28439781	28660843	28523916	0.42	cps
Molybdenum	94-1	14327798	14237665	14453819	14339760	0.76	cps
Molybdenum	95-1	17692184	17691885	17800098	17728056	0.35	cps
Molybdenum	96-1	19605716	19556036	19739038	19633597	0.48	cps
Molybdenum	97-1	10876986	10881438	10976710	10911711	0.52	cps
Neodymium	150-1	613	667	767	682	11.41	cps
Neodymium	150-2	63	110	103	92	27.37	cps
Nickel	60-2	976661	959544	970053	968753	0.89	cps
Phosphorus	31-2	85655	83970	84171	84598	1.09	cps
Potassium	39-2	42389393	42150952	42519627	42353324	0.44	cps
Rhodium	103-1	14899230	15197178	15322633	15139681	1.44	cps
Rhodium	103-2	7700724	8161559	7584242	7815509	3.91	cps
Scandium	45-1	11677778	11974770	12028603	11893717	1.59	cps
Scandium	45-2	548944	578650	537920	555171	3.79	cps
Selenium	77-2	6195	6168	6138	6167	0.46	cps
Selenium	78-2	20884	20374	20249	20502	1.64	cps
Selenium	82-1	126559	126465	126323	126449	0.09	cps
Silicon	28-1	5591591	5690214	5720202	5667336	1.19	cps
Silver	109-1	7915385	7918698	7924015	7919366	0.05	cps
Silver	107-1	8319811	8279614	8350935	8316787	0.43	cps
Sodium	23-2	171980146	169705700	171948816	171211554	0.76	cps
Strontium	86-1	2227795	2250431	2265245	2247824	0.84	cps
Strontium	88-1	19669707	19816301	19754895	19746968	0.37	cps
Sulfur	34-1	1330872	1327639	1320224	1326245	0.41	cps
Terbium	159-1	21117713	21742355	21746328	21535465	1.68	cps
Terbium	159-2	11126583	11799021	10934629	11286745	4.02	cps
Thallium	203-1	6079025	6128376	6142844	6116748	0.55	cps
Thallium	205-1	14298168	14502510	14421398	14407358	0.71	cps
Tin	118-1	5557200	5542770	5630703	5576891	0.85	cps
Titanium	47-1	5358602	5356961	5387234	5367599	0.32	cps
Uranium	238-1	21556797	21251291	21375695	21394594	0.72	cps
Vanadium	51-2	1857097	1849539	1857240	1854625	0.24	cps
Yttrium	89-1	17934999	18460966	18394882	18263616	1.57	cps
Yttrium	89-2	2807162	2969299	2772836	2849766	3.68	cps
Zinc	66-2	702025	692550	703016	699197	0.83	cps
Zirconium	90-1	12072401	12138477	12169424	12126767	0.41	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:36:02	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2640986	2628833	2719200	2663006	1.84	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:43:44	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	258	158	219	24.42	cps
Antimony	121-1	1950	2075	2150	2059	4.91	cps
Arsenic	75-2	28	13	17	19	40.30	cps
Barium	135-1	158	183	133	158	15.79	cps
Barium	137-1	392	400	317	369	12.42	cps
Beryllium	9-1	94	150	150	131	24.39	cps
Bismuth	209-1	13816718	13959712	13902291	13892907	0.52	cps
Bismuth	209-2	8274683	8294476	8331783	8300314	0.35	cps
Boron	11-1	21666	21249	20823	21246	1.98	cps
Boron	10-1	4284	4542	4451	4426	2.96	cps
Cadmium	106-1	8069	8311	8186	8189	1.48	cps
Cadmium	108-1	29	13	25	22	39.04	cps
Cadmium	111-1	5699	5863	5779	5781	1.42	cps
Calcium	43-1	567	583	508	553	7.12	cps
Calcium	44-1	22685	23027	22643	22785	0.92	cps
Chromium	52-2	967	840	903	903	7.01	cps
Cobalt	59-2	217	223	177	206	12.28	cps
Copper	63-2	1383	1347	1500	1410	5.68	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	50	83	100	78	32.73	cps
Erbium	164-2	47	23	33	34	34.00	cps
Gadolinium	160-1	258	200	250	236	13.36	cps
Gadolinium	160-2	303	320	327	317	3.80	cps
Holmium	165-1	21970550	22392470	22169749	22177590	0.95	cps
Holmium	165-2	11888091	11827413	11838776	11851427	0.27	cps
Indium	115-1	18827448	18962889	18822343	18870893	0.42	cps
Indium	115-2	3927944	3930061	3924328	3927444	0.07	cps
Iron	56-2	16721	15992	16182	16298	2.32	cps
Iron	57-2	678	533	694	635	13.95	cps
Lead	206-1	895	661	795	783	14.95	cps
Lead	207-1	811	733	750	765	5.35	cps
Lead	208-1	3634	3367	3345	3448	4.66	cps
Lithium	6-1	6092221	6148197	6107462	6115960	0.47	cps
Magnesium	24-2	1659	1692	1867	1739	6.44	cps
Manganese	55-2	157	133	103	131	20.39	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:43:44	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6293	5726	4718	5579	14.30	cps
Molybdenum	94-1	2667	2817	2384	2623	8.39	cps
Molybdenum	95-1	3684	3401	3134	3406	8.08	cps
Molybdenum	96-1	4268	4234	3567	4023	9.82	cps
Molybdenum	97-1	2375	2242	1800	2139	14.07	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	87	117	203	136	44.69	cps
Phosphorus	31-2	600	642	725	656	9.71	cps
Potassium	39-2	41033	39253	41710	40665	3.12	cps
Rhodium	103-1	17697835	17831107	17699536	17742826	0.43	cps
Rhodium	103-2	9074597	9023572	9027275	9041815	0.31	cps
Scandium	45-1	12799601	12903056	12915815	12872824	0.50	cps
Scandium	45-2	593579	595667	595908	595052	0.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	98	100	107	102	4.81	cps
Selenium	82-1	-125	93	3	-10	-1149.99	cps
Silicon	28-1	439902	439286	442189	440459	0.35	cps
Silver	109-1	709	425	317	484	41.90	cps
Silver	107-1	417	483	508	469	10.09	cps
Sodium	23-2	33397	32143	32344	32628	2.06	cps
Strontium	86-1	1200	1067	1208	1158	6.86	cps
Strontium	88-1	500	542	483	508	5.91	cps
Sulfur	34-1	529705	529321	527629	528885	0.21	cps
Terbium	159-1	22838357	22919203	22983575	22913712	0.32	cps
Terbium	159-2	11793100	11804299	11872686	11823361	0.36	cps
Thallium	203-1	733	642	783	719	9.99	cps
Thallium	205-1	1533	1667	1650	1617	4.49	cps
Tin	118-1	3659	3417	3342	3473	4.77	cps
Titanium	47-1	283	275	208	256	16.09	cps
Uranium	238-1	342	333	392	356	8.87	cps
Vanadium	51-2	53	37	37	42	22.78	cps
Yttrium	89-1	19628679	19884445	19905523	19806216	0.78	cps
Yttrium	89-2	3046122	3053929	3082937	3060996	0.63	cps
Zinc	66-2	2594	2574	2700	2623	2.60	cps
Zirconium	90-1	2292	2475	2084	2284	8.58	cps

LB Number :	LB97425	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-08-20 17:43:44	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	308	400	344	14.18	cps