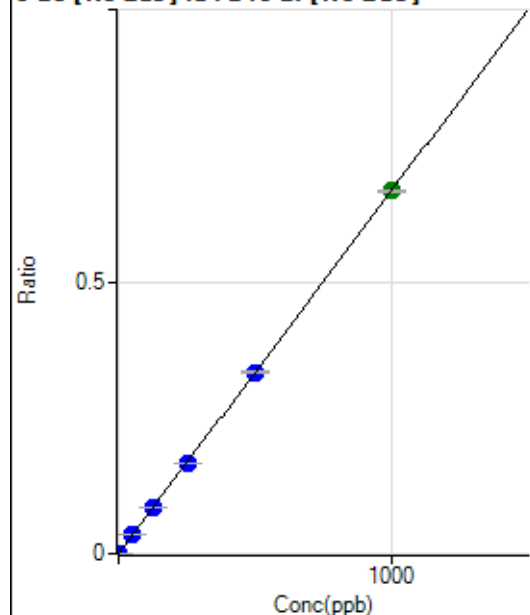


Batch Folder: D:\ICP-MS Data\P7083018MS.b\
Analysis File: P7083018MS.batch.bin
DA Date-Time: 2018-08-30 15:27:58
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-30 12:47:40
2			
3	005CAL.S.d	S02	2018-08-30 12:56:03
4	006CAL.S.d	S03	2018-08-30 12:59:57
5	007CAL.S.d	S04	2018-08-30 13:04:20
6	008CAL.S.d	S05	2018-08-30 13:08:07
7	009CAL.S.d	S06	2018-08-30 13:11:52
8	010CAL.S.d	S07	2018-08-30 13:15:37
9	011CAL.S.d	S08	2018-08-30 13:19:27

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.82	0.0000	P	26.1
2	☐	0.100					
3	☐	1.000	0.971	3367.12	0.0007	P	3.9
4	☐	50.000	50.717	184490.28	0.0339	P	0.6
5	☐	125.000	128.631	451734.10	0.0859	P	1.4
6	☐	250.000	250.487	856051.85	0.1672	P	0.1
7	☐	500.000	499.586	1682612.42	0.3334	P	0.6
8	☐	1000.000	999.595	3371750.68	0.6671	A	0.7
9	☐			462.98	0.0001	P	13.4

$$y = 6.6739\text{E-}004 * x + 1.1902\text{E-}005$$

$$R = 1.0000$$

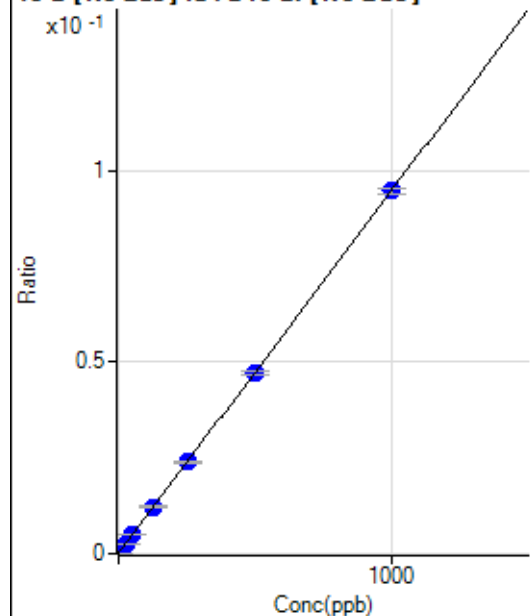
$$DL = 0.01395$$

$$BEC = 0.01783$$

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	502.81	0.0001	P	7.8
2	☐	2.500					
3	☐	25.000	24.395	12266.51	0.0024	P	3.0
4	☐	50.000	50.610	26632.86	0.0049	P	2.9
5	☐	125.000	127.262	63908.44	0.0122	P	4.3
6	☐	250.000	251.712	122588.33	0.0239	P	1.6
7	☐	500.000	499.257	239169.24	0.0474	P	2.0
8	☐	1000.000	999.645	479194.27	0.0948	P	1.4
9	☐			14126.65	0.0030	P	10.7

$$y = 9.4748\text{E-}005 * x + 9.2344\text{E-}005$$

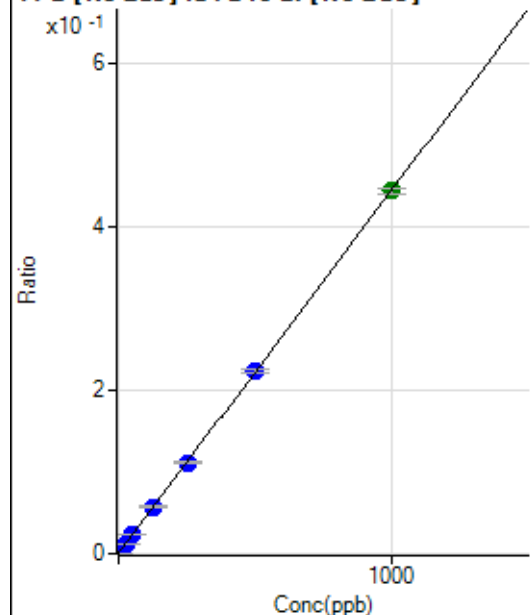
$$R = 1.0000$$

$$DL = 0.2279$$

$$BEC = 0.9746$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2128.02	0.0004	P	3.3
2	☐	2.500					
3	☐	25.000	24.448	57479.57	0.0113	P	2.1
4	☐	50.000	51.380	126632.99	0.0232	P	1.1
5	☐	125.000	127.249	299740.06	0.0570	P	3.5
6	☐	250.000	249.259	569623.49	0.1112	P	1.7
7	☐	500.000	502.317	1129292.70	0.2238	P	1.8
8	☐	1000.000	998.690	2246937.83	0.4445	A	1.4
9	☐			64642.52	0.0136	P	9.8

$$y = 4.4474\text{E-}004 * x + 3.9084\text{E-}004$$

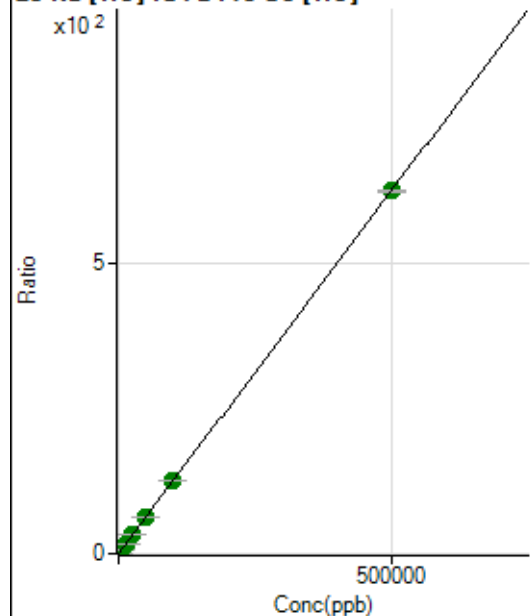
$$R = 1.0000$$

$$DL = 0.08824$$

$$BEC = 0.8788$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12530.71	0.0215	P	3.4
2	☐	50.000					
3	☐	500.000	487.730	347570.13	0.6331	P	1.1
4	☐	5000.000	5059.957	3708157.63	6.3670	A	0.6
5	☐	12500.000	12935.183	9077306.19	16.2432	A	0.3
6	☐	25000.000	25611.489	17780713.77	32.1402	A	0.3
7	☐	50000.000	50870.723	35615967.81	63.8172	A	0.2
8	☐	100000.00	100774.01	72615719.68	126.3998	A	0.6
9	☐	500000.00	499716.08	357514180.2	626.7037	A	0.5

$$y = 0.0013 * x + 0.0215$$

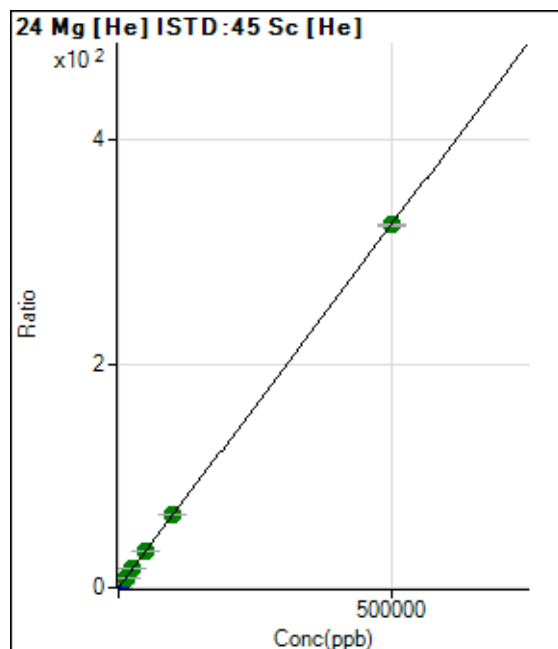
$$R = 1.0000$$

$$DL = 1.766$$

$$BEC = 17.11$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0002	P	50.1
2	☐	50.000					
3	☐	500.000	496.508	177039.32	0.3225	P	0.6
4	☐	5000.000	5163.388	1951988.76	3.3516	P	0.5
5	☐	12500.000	13054.608	4735344.25	8.4736	A	0.5
6	☐	25000.000	25989.664	9332559.67	16.8695	A	0.4
7	☐	50000.000	51450.486	18638108.40	33.3955	A	0.5
8	☐	100000.00	101100.90	37699930.35	65.6223	A	0.6
9	☐	500000.00	499569.79	184979536.0	324.2587	A	0.2

$$y = 6.4908\text{E-}004 * x + 2.0917\text{E-}004$$

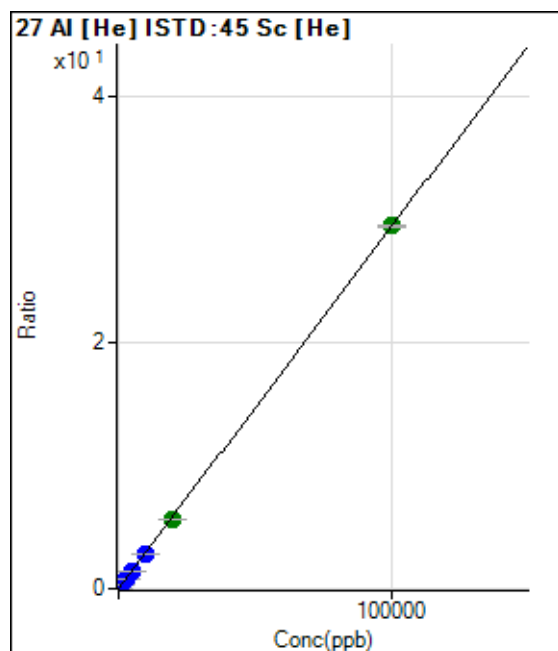
$$R = 1.0000$$

$$DL = 0.4839$$

$$BEC = 0.3223$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0001	P	71.5
2	☐	2.000					
3	☐	20.000	19.294	3186.57	0.0058	P	8.8
4	☐	1000.000	998.355	170981.69	0.2936	P	0.8
5	☐	2500.000	2514.043	413045.77	0.7391	P	0.6
6	☐	5000.000	4930.348	801793.77	1.4493	P	0.4
7	☐	10000.000	9783.586	1604997.61	2.8758	P	0.5
8	☐	20000.000	19233.824	3247969.37	5.6535	A	0.6
9	☐	100000.00	100178.02	16797917.56	29.4455	A	0.4

$$y = 2.9393\text{E-}004 * x + 1.3328\text{E-}004$$

$$R = 1.0000$$

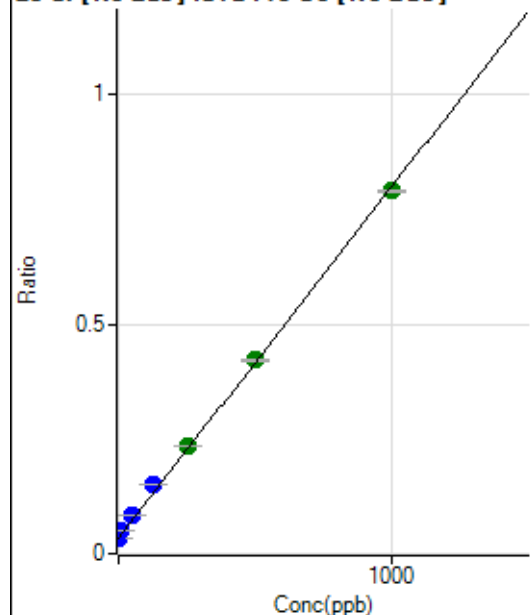
$$DL = 0.972$$

$$BEC = 0.4534$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	400851.86	0.0341	P	0.5
2	☐	1.000					
3	☐	10.000	19.505	540322.19	0.0490	P	0.2
4	☐	50.000	62.778	968229.70	0.0821	P	0.7
5	☐	125.000	153.333	1732299.23	0.1514	P	1.4
6	☐	250.000	260.589	2566384.71	0.2335	A	0.6
7	☐	500.000	508.363	4731404.75	0.4231	A	0.9
8	☐	1000.000	988.896	9082276.42	0.7909	A	0.8
9	☐			763774.63	0.0681	P	1.9

$$y = 7.6530E-004 * x + 0.0341$$

$$R = 0.9996$$

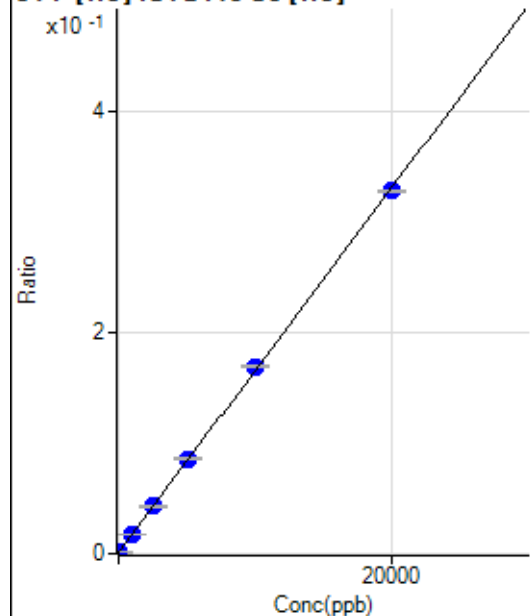
$$DL = 0.7053$$

$$BEC = 44.54$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-4.878	452.80	0.0008	P	11.0
2	☐	0.000					
3	☐	0.000	4.878	513.92	0.0009	P	6.3
4	☐	1000.000	1016.163	10240.03	0.0176	P	1.2
5	☐	2500.000	2534.160	23794.63	0.0426	P	2.8
6	☐	5000.000	5166.384	47521.15	0.0859	P	1.1
7	☐	10000.000	10214.770	94317.51	0.1690	P	0.6
8	☐	20000.000	19845.941	188170.01	0.3275	P	0.4
9	☐			569.48	0.0010	P	16.3

$$y = 1.6461E-005 * x + 8.5588E-004$$

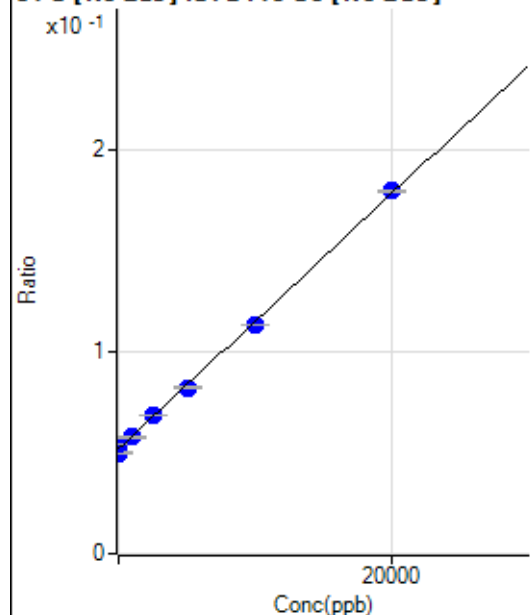
$$R = 0.9999$$

$$DL = 13.19$$

$$BEC = 52$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-323.762	586925.70	0.0499	P	0.3
2	☐	0.000					
3	☐	0.000	323.762	595306.64	0.0540	P	0.3
4	☐	1000.000	896.949	679338.00	0.0576	P	0.5
5	☐	2500.000	2579.188	780855.40	0.0683	P	0.5
6	☐	5000.000	4801.476	904483.79	0.0823	P	0.9
7	☐	10000.000	9701.481	1266487.71	0.1133	P	0.2
8	☐	20000.000	20194.145	2062073.90	0.1796	P	0.5
9	☐			487883.32	0.0435	P	2.7

$$y = 6.3191\text{E-}006 * x + 0.0520$$

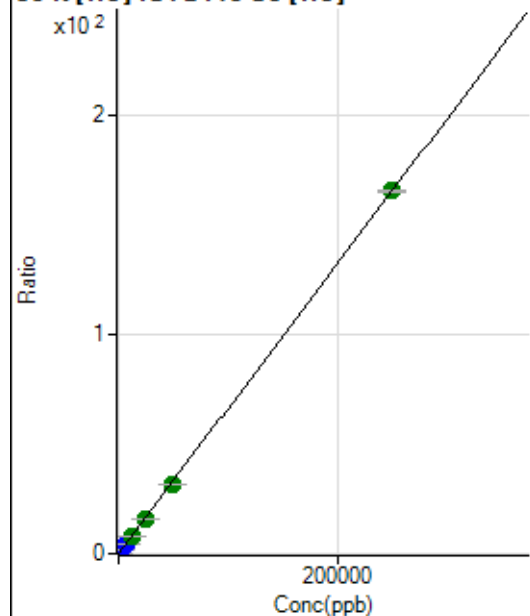
$$R = 0.9994$$

$$DL = 78.52$$

$$BEC = 8223$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37787.81	0.0647	P	0.8
2	☐	50.000					
3	☐	500.000	470.398	205945.96	0.3751	P	0.3
4	☐	2500.000	2405.416	962177.83	1.6521	P	0.3
5	☐	6250.000	5986.662	2243984.71	4.0154	P	0.2
6	☐	12500.000	11843.179	4359399.14	7.8801	A	0.8
7	☐	25000.000	23787.210	8796683.44	15.7621	A	0.3
8	☐	50000.000	47542.973	18061480.27	31.4387	A	0.5
9	☐	250000.00	250653.11	94398042.39	165.4729	A	0.7

$$y = 6.5991\text{E-}004 * x + 0.0647$$

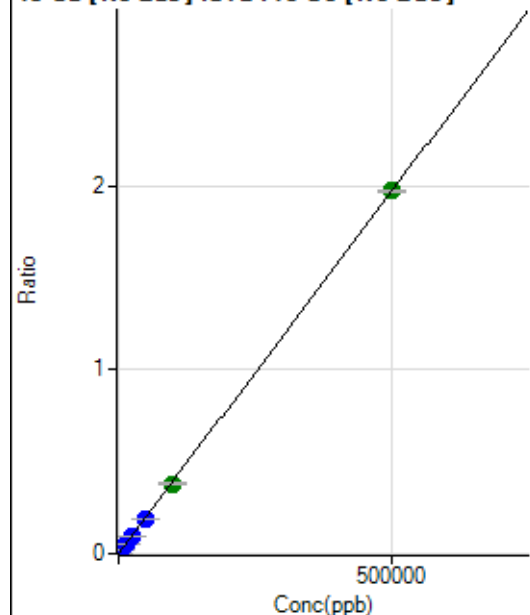
$$R = 0.9999$$

$$DL = 2.44$$

$$BEC = 98.07$$

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	216.68	0.0000	P	15.5
2	☐	50.000					
3	☐	500.000	454.850	19978.05	0.0018	P	1.3
4	☐	5000.000	4803.199	223540.73	0.0190	P	0.4
5	☐	12500.000	12282.412	554401.65	0.0485	P	0.4
6	☐	25000.000	24341.544	1055296.05	0.0960	P	0.9
7	☐	50000.000	48234.140	2127398.87	0.1903	P	0.2
8	☐	100000.00	96841.554	4386242.25	0.3820	A	0.1
9	☐	500000.00	500848.65	22153551.88	1.9754	A	0.4

$$y = 3.9441\text{E-}006 * x + 1.8428\text{E-}005$$

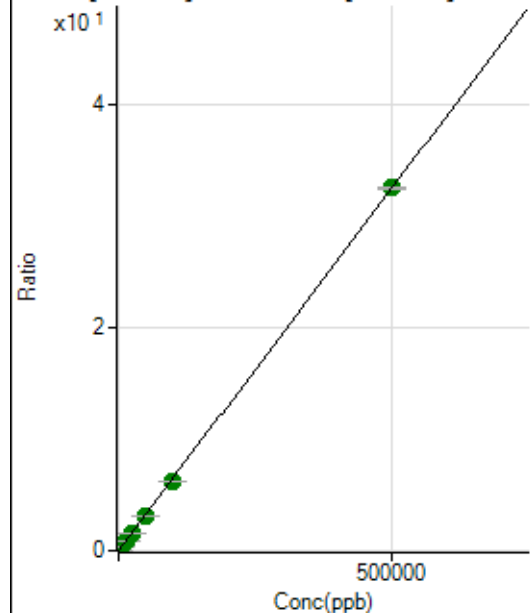
$$R = 1.0000$$

$$DL = 2.168$$

$$BEC = 4.672$$

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	14660.97	0.0012	P	2.0
2	☐	50.000					
3	☐	500.000	441.238	330197.30	0.0300	P	0.2
4	☐	5000.000	4787.157	3686381.51	0.3127	A	0.6
5	☐	12500.000	12100.569	9020872.95	0.7885	A	0.2
6	☐	25000.000	24126.251	17265349.69	1.5710	A	0.3
7	☐	50000.000	48184.225	35068475.09	3.1362	A	0.4
8	☐	100000.00	96235.034	71912075.91	6.2625	A	0.7
9	☐	500000.00	500990.43	365567655.3	32.5970	A	0.3

$$y = 6.5063\text{E-}005 * x + 0.0012$$

$$R = 1.0000$$

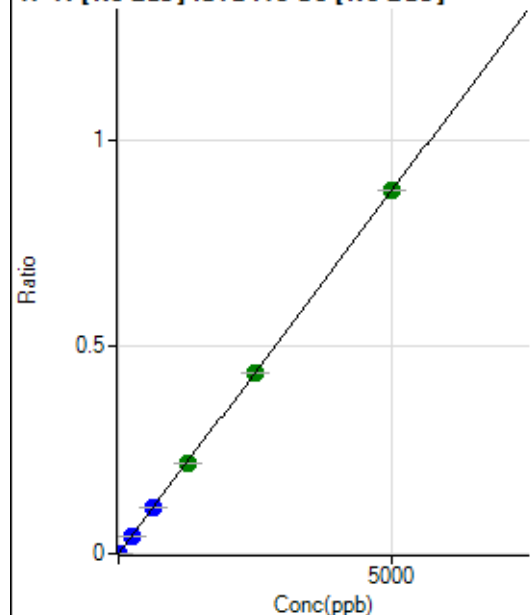
$$DL = 1.15$$

$$BEC = 19.16$$

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	130.56	0.0000	P	29.8
2	☐	0.500					
3	☐	5.000	4.761	9317.17	0.0008	P	2.5
4	☐	250.000	248.722	513794.47	0.0436	P	0.2
5	☐	625.000	626.474	1255635.73	0.1098	P	0.8
6	☐	1250.000	1249.092	2405073.90	0.2188	A	0.3
7	☐	2500.000	2497.251	4891997.11	0.4375	A	0.4
8	☐	5000.000	5001.481	10061820.36	0.8762	A	0.1
9	☐			2008.54	0.0002	P	5.4

$$y = 1.7519\text{E-}004 * x + 1.1111\text{E-}005$$

$$R = 1.0000$$

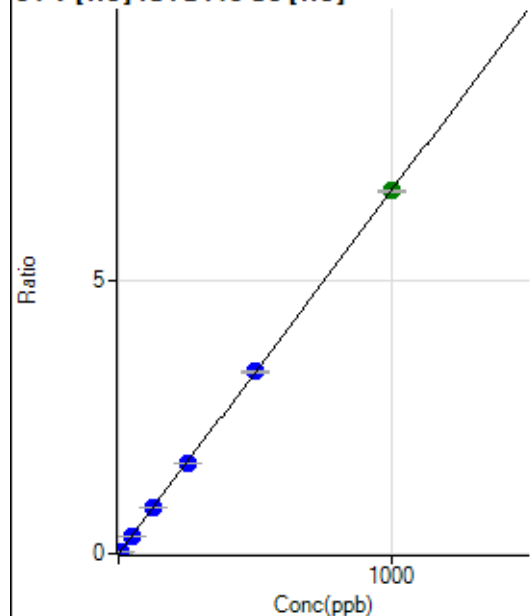
$$DL = 0.05678$$

$$BEC = 0.06342$$

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	13.33	0.0000	P	0.2
2	☐	0.500					
3	☐	5.000	4.737	17351.50	0.0316	P	1.0
4	☐	50.000	49.890	193741.68	0.3327	P	0.9
5	☐	125.000	125.088	466096.24	0.8340	P	0.4
6	☐	250.000	249.481	920243.76	1.6634	P	0.7
7	☐	500.000	501.210	1865059.38	3.3419	P	0.5
8	☐	1000.000	999.521	3828592.72	6.6644	A	0.8
9	☐			1330.08	0.0023	P	4.0

$$y = 0.0067 * x + 2.2829\text{E-}005$$

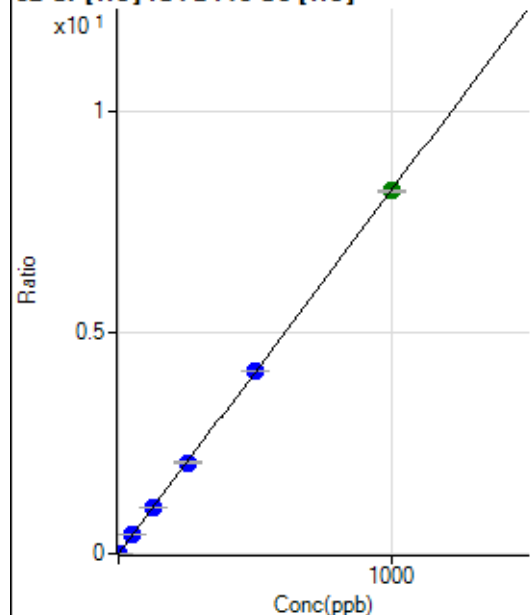
$$R = 1.0000$$

$$DL = 2.503\text{E-}05$$

$$BEC = 0.003424$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	710.03	0.0012	P	8.9
2	☐	0.200					
3	☐	2.000	2.050	9914.57	0.0181	P	3.2
4	☐	50.000	50.430	242005.34	0.4155	P	0.8
5	☐	125.000	126.876	583205.63	1.0436	P	0.4
6	☐	250.000	251.035	1141655.01	2.0637	P	0.7
7	☐	500.000	502.591	2305154.19	4.1304	P	0.5
8	☐	1000.000	998.190	4712029.51	8.2021	A	0.7
9	☐			151060.01	0.2648	P	0.8

$$y = 0.0082 * x + 0.0012$$

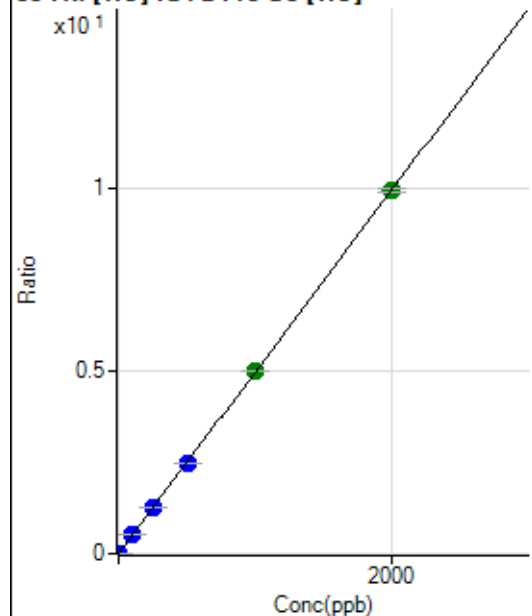
$$R = 1.0000$$

$$DL = 0.03946$$

$$BEC = 0.148$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0001	P	27.5
2	☐	0.100					
3	☐	1.000	1.034	2858.10	0.0052	P	3.3
4	☐	100.000	101.410	293252.64	0.5035	P	0.8
5	☐	250.000	253.881	704390.23	1.2605	P	0.6
6	☐	500.000	501.484	1377373.52	2.4897	P	0.4
7	☐	1000.000	1004.201	2782382.46	4.9855	A	0.1
8	☐	2000.000	1996.973	5695563.11	9.9142	A	0.9
9	☐			25560.22	0.0448	P	1.4

$$y = 0.0050 * x + 7.4179E-005$$

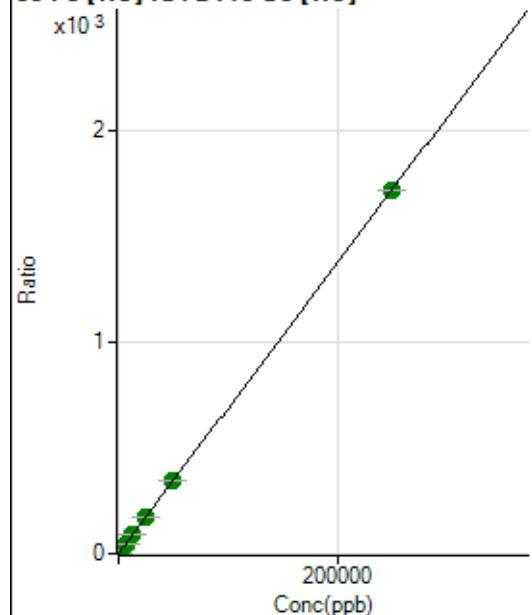
$$R = 1.0000$$

$$DL = 0.01234$$

$$BEC = 0.01494$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6405.28	0.0110	P	1.2
2	☐	5.000					
3	☐	50.000	49.934	193939.29	0.3533	P	0.9
4	☐	2500.000	2522.644	10077752.31	17.3041	A	0.8
5	☐	6250.000	6360.240	24371177.40	43.6114	A	0.6
6	☐	12500.000	12638.993	47938055.70	86.6533	A	0.7
7	☐	25000.000	25514.701	97621072.55	174.9183	A	0.1
8	☐	50000.000	50418.370	198561498.8	345.6368	A	1.1
9	☐	250000.00	249854.92	977096651.4	1,712.805	A	0.1

$$y = 0.0069 * x + 0.0110$$

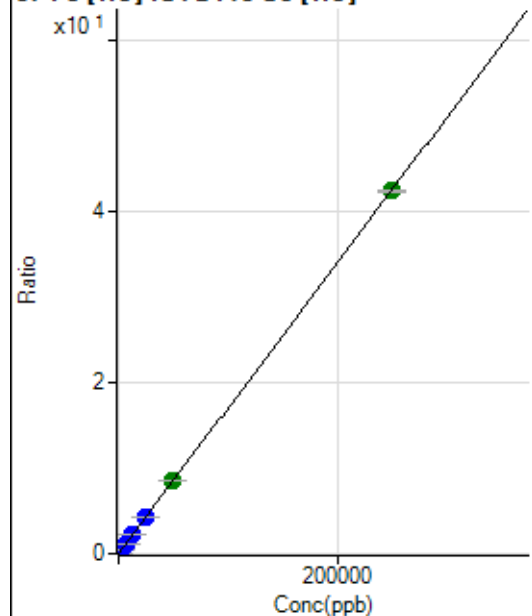
$$R = 1.0000$$

$$DL = 0.05706$$

$$BEC = 1.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	337.05	0.0006	P	9.8
2	☐	5.000					
3	☐	50.000	51.925	5162.16	0.0094	P	4.7
4	☐	2500.000	2561.252	253893.82	0.4359	P	0.5
5	☐	6250.000	6398.008	608092.08	1.0881	P	0.7
6	☐	12500.000	12759.536	1200192.39	2.1695	P	0.6
7	☐	25000.000	25534.636	2422692.79	4.3410	P	0.2
8	☐	50000.000	50621.815	4943794.78	8.6054	A	0.3
9	☐	250000.00	249804.88	24223455.87	42.4630	A	0.4

$$y = 1.6998E-004 * x + 5.7717E-004$$

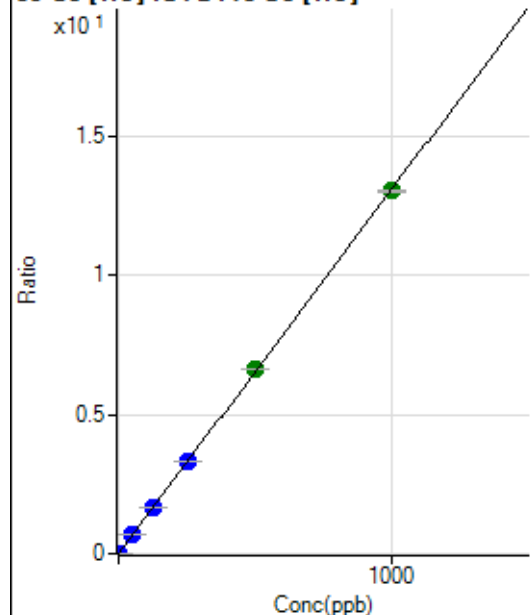
$$R = 1.0000$$

$$DL = 0.9993$$

$$BEC = 3.395$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	120.00	0.0002	P	26.6
2	☐	0.100					
3	☐	1.000	0.996	7269.70	0.0132	P	1.1
4	☐	50.000	51.277	391147.65	0.6716	P	0.7
5	☐	125.000	127.640	934078.40	1.6715	P	0.7
6	☐	250.000	252.816	1831449.12	3.3106	P	0.8
7	☐	500.000	504.838	3689302.69	6.6105	A	0.1
8	☐	1000.000	996.483	7496057.81	13.0481	A	0.6
9	☐			90267.87	0.1582	P	0.7

$$y = 0.0131 * x + 2.0544E-004$$

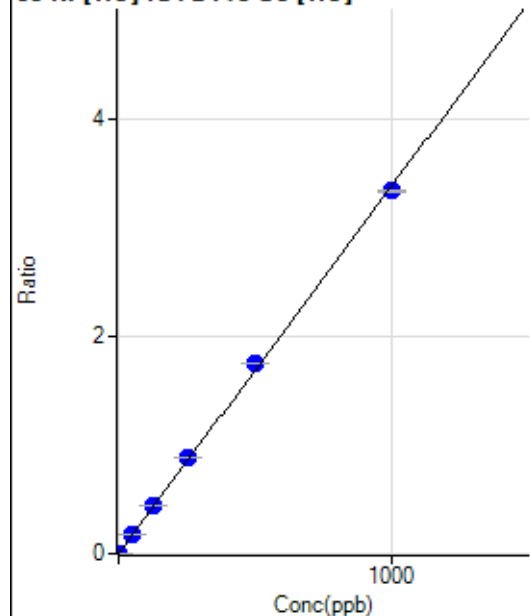
$$R = 1.0000$$

$$DL = 0.01253$$

$$BEC = 0.01569$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	46.67	0.0001	P	18.8
2	☐	0.100					
3	☐	1.000	1.098	2081.29	0.0038	P	3.2
4	☐	50.000	53.226	104844.65	0.1800	P	1.3
5	☐	125.000	132.638	250624.88	0.4485	P	1.0
6	☐	250.000	259.974	486282.16	0.8790	P	0.3
7	☐	500.000	517.023	975562.69	1.7480	P	0.1
8	☐	1000.000	987.879	1918778.56	3.3399	P	0.3
9	☐			54161.98	0.0949	P	0.1

$$y = 0.0034 * x + 7.9912E-005$$

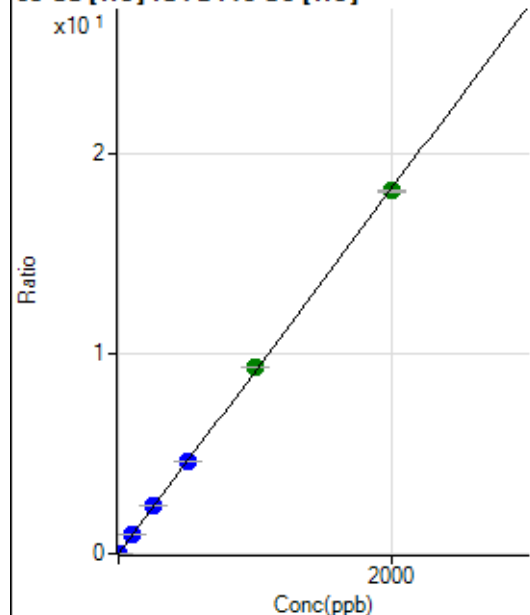
$$R = 0.9997$$

$$DL = 0.01335$$

$$BEC = 0.02364$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	835.59	0.0014	P	4.2
2	☐	0.200					
3	☐	2.000	2.023	10944.25	0.0199	P	1.4
4	☐	100.000	103.861	554070.53	0.9514	P	0.7
5	☐	250.000	259.116	1325187.62	2.3714	P	0.6
6	☐	500.000	506.320	2562713.99	4.6324	P	0.4
7	☐	1000.000	1018.303	5198707.60	9.3151	A	0.1
8	☐	2000.000	1987.936	10446388.94	18.1836	A	0.5
9	☐			22715.60	0.0398	P	1.0

$$y = 0.0091 * x + 0.0014$$

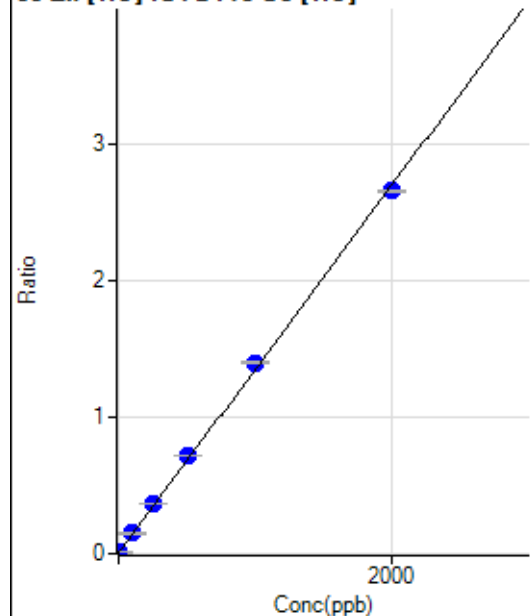
$$R = 0.9999$$

$$DL = 0.0198$$

$$BEC = 0.1565$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2425.80	0.0042	P	3.6
2	☐	0.200					
3	☐	2.000	2.501	4125.08	0.0075	P	6.1
4	☐	100.000	106.895	86087.52	0.1478	P	0.6
5	☐	250.000	269.900	205026.56	0.3669	P	1.4
6	☐	500.000	529.276	395821.35	0.7155	P	1.0
7	☐	1000.000	1037.212	780281.64	1.3981	P	0.8
8	☐	2000.000	1971.242	1524385.51	2.6534	P	0.3
9	☐			10092.49	0.0177	P	0.5

$$y = 0.0013 * x + 0.0042$$

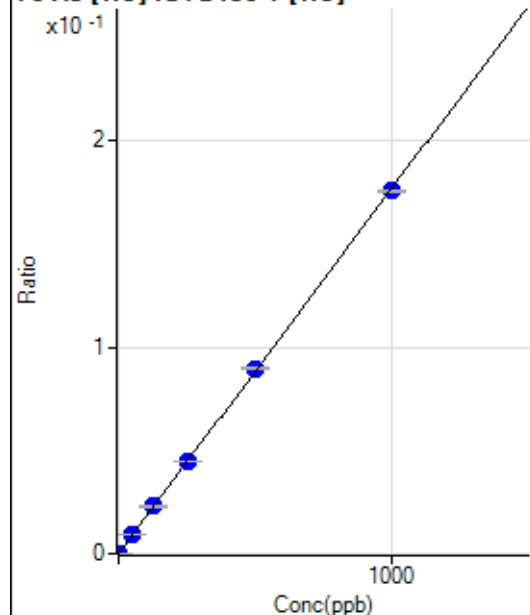
$$R = 0.9996$$

$$DL = 0.3336$$

$$BEC = 3.091$$

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	14.82	0.0000	P	33.3
2	☐	0.100					
3	☐	1.000	1.016	508.65	0.0002	P	5.0
4	☐	50.000	51.409	26338.08	0.0091	P	1.3
5	☐	125.000	129.366	63449.90	0.0229	P	0.9
6	☐	250.000	254.697	125176.84	0.0450	P	0.6
7	☐	500.000	507.884	253211.57	0.0898	P	0.8
8	☐	1000.000	994.267	511451.05	0.1758	P	0.6
9	☐			736.45	0.0003	P	4.3

$$y = 1.7683\text{E-}004 * x + 5.0149\text{E-}006$$

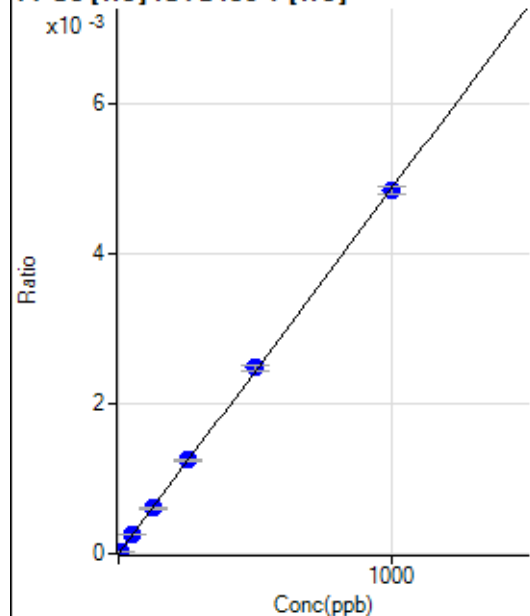
$$R = 0.9999$$

$$DL = 0.02835$$

$$BEC = 0.02836$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.220	70.00	0.0000	P	39.1
4	☐	50.000	52.859	745.59	0.0003	P	4.8
5	☐	125.000	124.796	1685.68	0.0006	P	5.5
6	☐	250.000	255.871	3463.81	0.0012	P	3.5
7	☐	500.000	508.512	6984.01	0.0025	P	2.4
8	☐	1000.000	994.158	14087.02	0.0048	P	2.0
9	☐			5.56	0.0000	P	91.6

$$y = 4.8713\text{E-}006 * x + 0.0000\text{E+}000$$

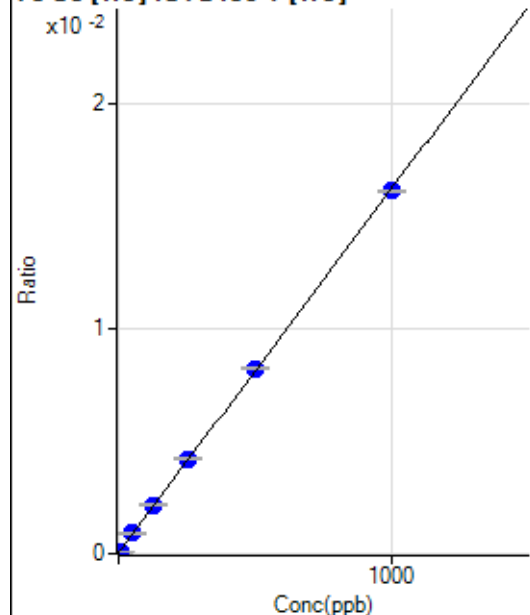
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

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	112.35	0.0000	P	7.7
2	☐	0.500					
3	☐	5.000	5.283	340.13	0.0001	P	3.0
4	☐	50.000	53.393	2612.61	0.0009	P	3.0
5	☐	125.000	130.979	5984.00	0.0022	P	3.3
6	☐	250.000	256.695	11651.66	0.0042	P	2.1
7	☐	500.000	506.564	23222.97	0.0082	P	1.2
8	☐	1000.000	994.126	46916.23	0.0161	P	0.8
9	☐			129.02	0.0000	P	8.0

$$y = 1.6185\text{E-}005 * x + 3.8006\text{E-}005$$

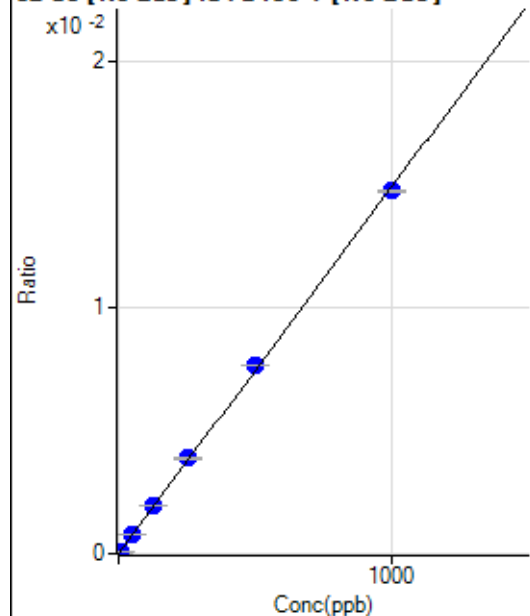
$$R = 0.9999$$

$$DL = 0.5439$$

$$BEC = 2.348$$

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	88.52	0.0000	P	42.5
2	☐	0.500					
3	☐	5.000	5.331	1446.80	0.0001	P	5.4
4	☐	50.000	52.305	14359.66	0.0008	P	0.4
5	☐	125.000	131.538	35312.48	0.0020	P	1.4
6	☐	250.000	259.539	67754.83	0.0039	P	0.6
7	☐	500.000	513.124	136809.78	0.0076	P	0.3
8	☐	1000.000	990.119	269678.84	0.0147	P	0.9
9	☐			260.79	0.0000	P	23.6

$$y = 1.4884\text{E-}005 * x + 4.8285\text{E-}006$$

$$R = 0.9998$$

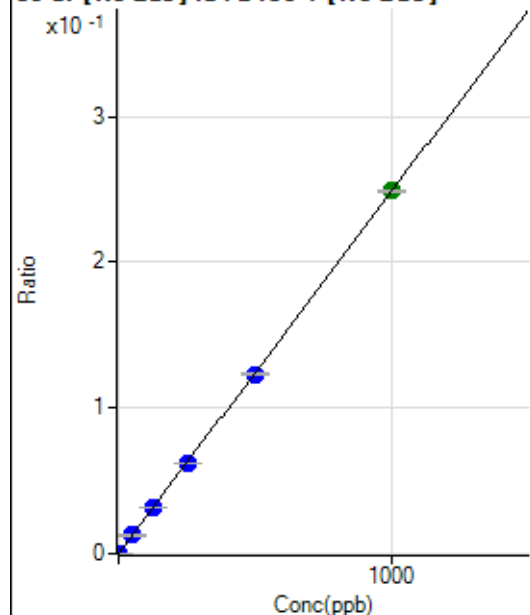
$$DL = 0.4135$$

$$BEC = 0.3244$$

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	1136.21	0.0001	P	7.3
2	☐	0.100					
3	☐	1.000	0.957	5153.92	0.0003	P	5.6
4	☐	50.000	50.256	229965.84	0.0125	P	0.7
5	☐	125.000	125.913	563832.12	0.0313	P	1.6
6	☐	250.000	250.593	1091457.24	0.0623	P	0.5
7	☐	500.000	496.137	2207217.74	0.1233	P	0.7
8	☐	1000.000	1001.657	4552954.96	0.2489	A	0.3
9	☐			21936.85	0.0013	P	1.4

$$y = 2.4839\text{E-}004 * x + 6.1973\text{E-}005$$

$$R = 1.0000$$

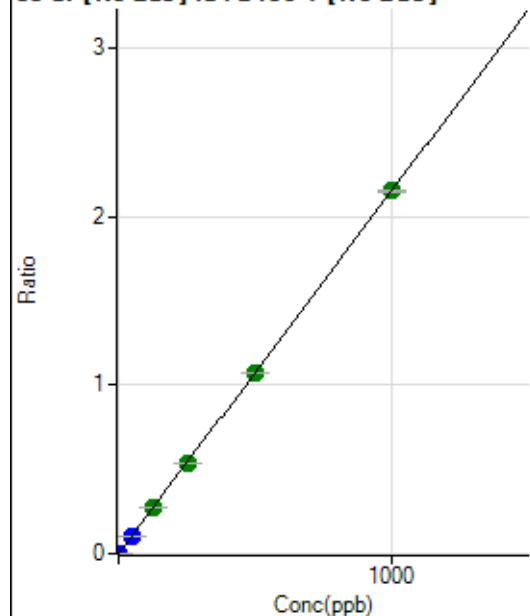
$$DL = 0.05443$$

$$BEC = 0.2495$$

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	227.79	0.0000	P	11.5
2	☐	0.100					
3	☐	1.000	0.981	36486.12	0.0021	P	2.7
4	☐	50.000	50.018	1973133.83	0.1076	P	0.6
5	☐	125.000	125.313	4851755.27	0.2697	A	0.4
6	☐	250.000	251.067	9463778.77	0.5402	A	0.1
7	☐	500.000	498.567	19204965.36	1.0728	A	0.3
8	☐	1000.000	1000.410	39380052.62	2.1526	A	0.5
9	☐			184996.56	0.0106	P	0.4

$$y = 0.0022 * x + 1.2421\text{E-}005$$

$$R = 1.0000$$

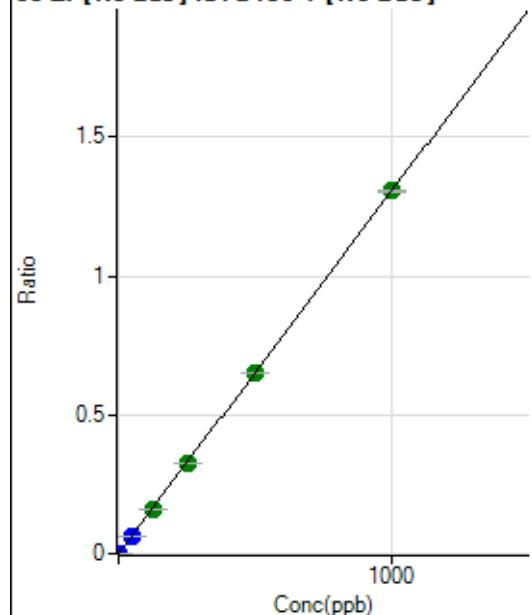
$$DL = 0.001995$$

$$BEC = 0.005772$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1608.49	0.0001	P	13.1
2	☐	0.100					
3	☐	1.000	0.952	22863.57	0.0013	P	0.6
4	☐	50.000	49.533	1186594.16	0.0647	P	0.3
5	☐	125.000	124.343	2921320.96	0.1624	A	0.2
6	☐	250.000	250.750	5734012.02	0.3273	A	0.4
7	☐	500.000	498.676	11652034.90	0.6509	A	0.1
8	☐	1000.000	1000.580	23891247.93	1.3059	A	0.2
9	☐			4898.26	0.0003	P	0.2

$$y = 0.0013 * x + 8.7723E-005$$

$$R = 1.0000$$

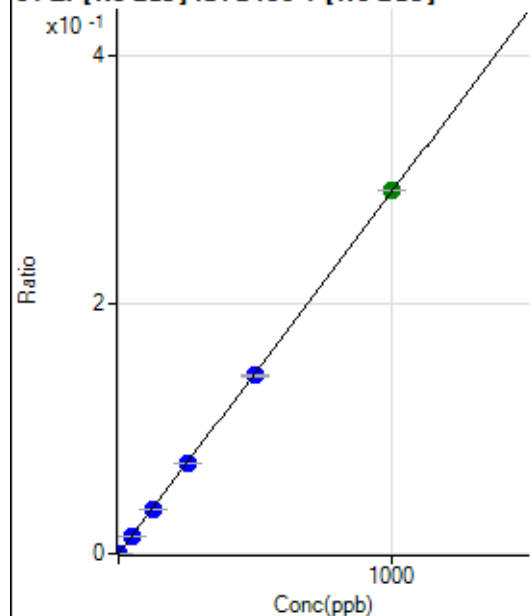
$$DL = 0.02636$$

$$BEC = 0.06722$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	308.35	0.0000	P	21.9
2	☐	0.100					
3	☐	1.000	0.928	4914.98	0.0003	P	3.3
4	☐	50.000	49.885	265516.62	0.0145	P	0.3
5	☐	125.000	124.364	649263.45	0.0361	P	0.5
6	☐	250.000	248.702	1263804.06	0.0721	P	0.3
7	☐	500.000	493.588	2562942.27	0.1432	P	0.8
8	☐	1000.000	1003.616	5325215.92	0.2911	A	0.1
9	☐			1152.87	0.0001	P	2.2

$$y = 2.9002E-004 * x + 1.6811E-005$$

$$R = 1.0000$$

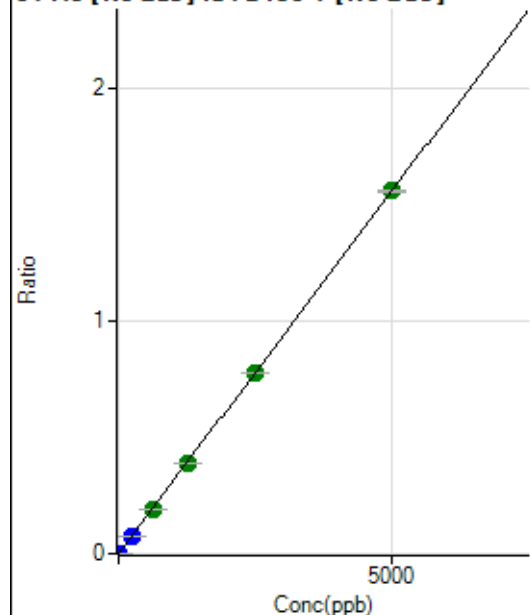
$$DL = 0.03808$$

$$BEC = 0.05797$$

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	519.48	0.0000	P	17.4
2	☐	0.500					
3	☐	5.000	4.842	26347.33	0.0015	P	3.6
4	☐	250.000	248.800	1417843.85	0.0773	P	0.2
5	☐	625.000	619.159	3462414.53	0.1924	A	0.7
6	☐	1250.000	1244.393	6774607.44	0.3867	A	0.3
7	☐	2500.000	2487.693	13839726.35	0.7731	A	0.3
8	☐	5000.000	5008.346	28472908.28	1.5564	A	0.4
9	☐			32061.88	0.0018	P	4.6

$$y = 3.1075E-004 * x + 2.8323E-005$$

$$R = 1.0000$$

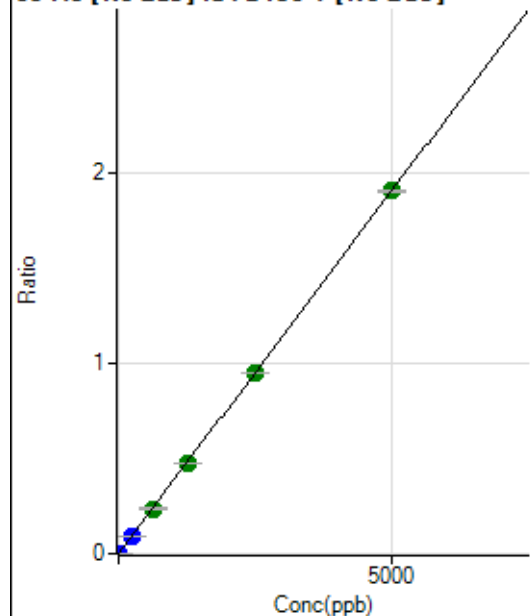
$$DL = 0.04759$$

$$BEC = 0.09114$$

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	77.78	0.0000	P	5.9
2	☐	0.500					
3	☐	5.000	4.750	31154.28	0.0018	P	2.2
4	☐	250.000	248.344	1733119.61	0.0945	P	0.5
5	☐	625.000	622.977	4267020.80	0.2372	A	0.5
6	☐	1250.000	1252.686	8353598.10	0.4769	A	0.0
7	☐	2500.000	2492.119	16983251.07	0.9487	A	0.3
8	☐	5000.000	5003.605	34847118.83	1.9047	A	0.3
9	☐			53147.01	0.0031	P	4.8

$$y = 3.8067E-004 * x + 4.2414E-006$$

$$R = 1.0000$$

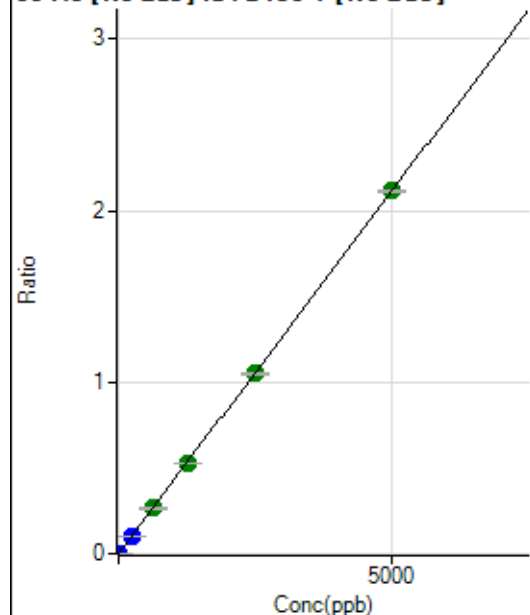
$$DL = 0.001982$$

$$BEC = 0.01114$$

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	211.12	0.0000	P	12.2
2	☐	0.500					
3	☐	5.000	4.727	34520.35	0.0020	P	0.5
4	☐	250.000	246.094	1906030.49	0.1040	P	0.8
5	☐	625.000	624.068	4743970.16	0.2637	A	0.7
6	☐	1250.000	1251.544	9262475.99	0.5287	A	0.6
7	☐	2500.000	2483.466	18782607.54	1.0492	A	0.2
8	☐	5000.000	5008.193	38707392.88	2.1158	A	0.2
9	☐			68236.39	0.0039	P	5.8

$$y = 4.2247\text{E-}004 * x + 1.1515\text{E-}005$$

$$R = 1.0000$$

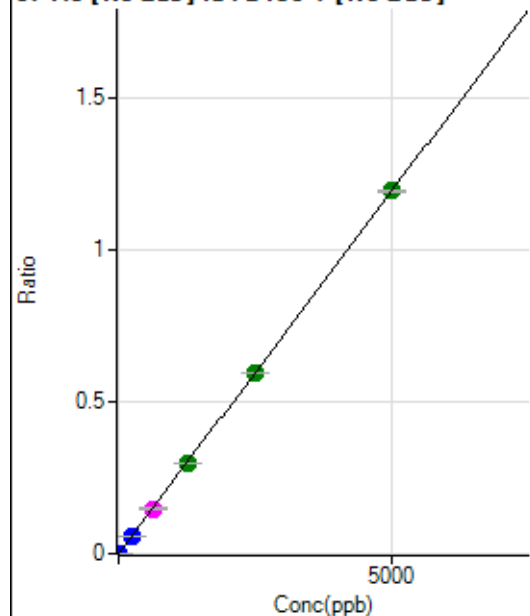
$$DL = 0.009963$$

$$BEC = 0.02726$$

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	66.67	0.0000	P	33.0
2	☐	0.500					
3	☐	5.000	4.799	19714.28	0.0011	P	2.7
4	☐	250.000	247.764	1082298.98	0.0590	P	0.4
5	☐	625.000	621.879	2666177.56	0.1482	M	1.5
6	☐	1250.000	1249.914	5217343.56	0.2978	A	0.5
7	☐	2500.000	2486.245	10605548.16	0.5924	A	0.2
8	☐	5000.000	5007.401	21828290.94	1.1932	A	0.2
9	☐			32919.60	0.0019	P	4.2

$$y = 2.3828\text{E-}004 * x + 3.6353\text{E-}006$$

$$R = 1.0000$$

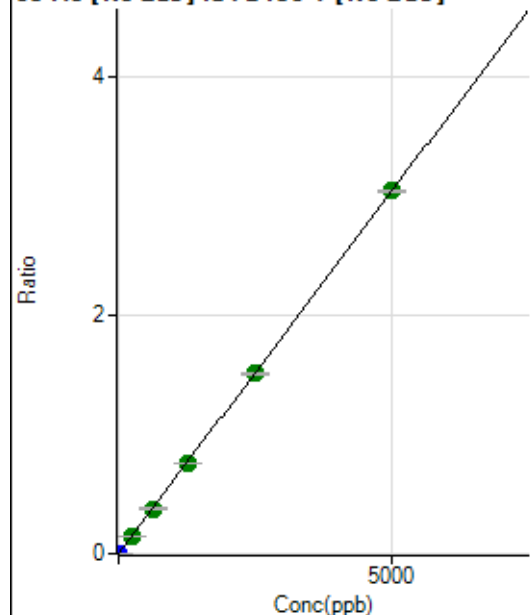
$$DL = 0.01512$$

$$BEC = 0.01526$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	37.4
2	☐	0.500					
3	☐	5.000	4.757	49798.94	0.0029	P	2.5
4	☐	250.000	246.555	2746792.64	0.1498	A	0.3
5	☐	625.000	621.681	6797680.88	0.3778	A	1.0
6	☐	1250.000	1251.648	13324718.44	0.7606	A	0.5
7	☐	2500.000	2483.166	27014977.69	1.5090	A	0.8
8	☐	5000.000	5008.592	55682938.75	3.0438	A	0.4
9	☐			82905.46	0.0048	P	4.0

$$y = 6.0771\text{E-}004 * x + 6.8224\text{E-}006$$

$$R = 1.0000$$

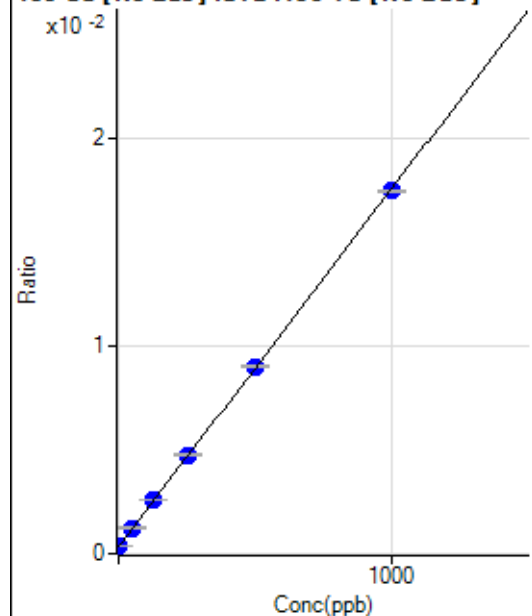
$$DL = 0.0126$$

$$BEC = 0.01123$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7466.18	0.0003	P	0.9
2	☐	0.100					
3	☐	1.000	1.682	7585.66	0.0004	P	2.0
4	☐	50.000	53.504	28858.09	0.0012	P	1.1
5	☐	125.000	131.047	59154.91	0.0026	P	0.1
6	☐	250.000	257.624	108336.81	0.0048	P	0.7
7	☐	500.000	504.905	209300.15	0.0090	P	1.0
8	☐	1000.000	994.710	408587.43	0.0175	P	0.8
9	☐			7688.51	0.0004	P	1.9

$$y = 1.7226\text{E-}005 * x + 3.2588\text{E-}004$$

$$R = 0.9999$$

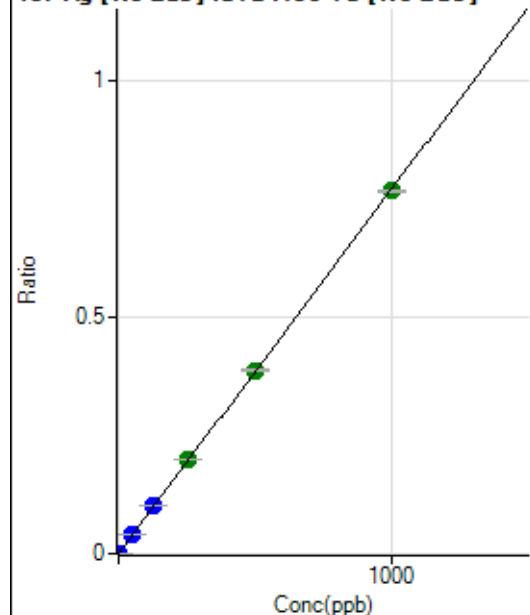
$$DL = 0.5359$$

$$BEC = 18.92$$

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	136.12	0.0000	P	13.6
2	☐	0.100					
3	☐	1.000	1.017	16905.15	0.0008	P	0.9
4	☐	50.000	53.317	951577.70	0.0411	P	0.8
5	☐	125.000	130.540	2306145.32	0.1007	P	0.0
6	☐	250.000	256.427	4498941.90	0.1978	A	0.1
7	☐	500.000	503.300	9006089.43	0.3883	A	0.6
8	☐	1000.000	995.885	17977753.18	0.7683	A	0.6
9	☐			1589.04	0.0001	P	6.1

$$y = 7.7144\text{E-}004 * x + 5.9387\text{E-}006$$

$$R = 1.0000$$

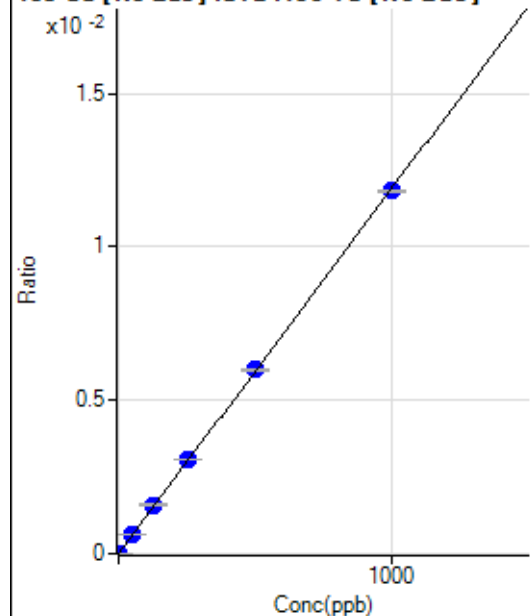
$$DL = 0.003134$$

$$BEC = 0.007698$$

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	20.83	0.0000	P	53.6
2	☐	0.100					
3	☐	1.000	1.065	290.29	0.0000	P	22.2
4	☐	50.000	51.947	14304.66	0.0006	P	2.2
5	☐	125.000	134.192	36544.53	0.0016	P	0.5
6	☐	250.000	257.992	69758.51	0.0031	P	0.6
7	☐	500.000	504.466	139100.70	0.0060	P	0.9
8	☐	1000.000	994.523	276622.29	0.0118	P	0.4
9	☐			115.28	0.0000	P	11.2

$$y = 1.1886\text{E-}005 * x + 9.1145\text{E-}007$$

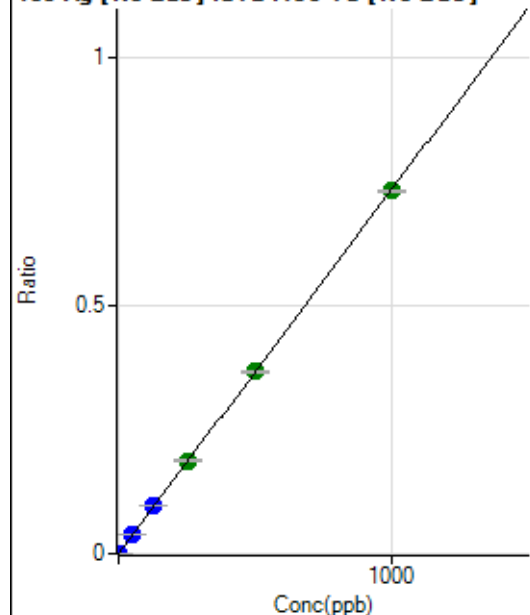
$$R = 0.9999$$

$$DL = 0.1232$$

$$BEC = 0.07668$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	27.8
2	☐	0.100					
3	☐	1.000	1.003	15812.24	0.0007	P	2.6
4	☐	50.000	53.553	910225.14	0.0393	P	1.3
5	☐	125.000	131.636	2214765.78	0.0967	P	0.5
6	☐	250.000	256.142	4279918.20	0.1882	A	0.3
7	☐	500.000	500.996	8537842.90	0.3681	A	1.2
8	☐	1000.000	996.959	17139528.68	0.7325	A	0.2
9	☐			1597.38	0.0001	P	2.9

$$y = 7.3472\text{E-}004 * x + 2.7916\text{E-}006$$

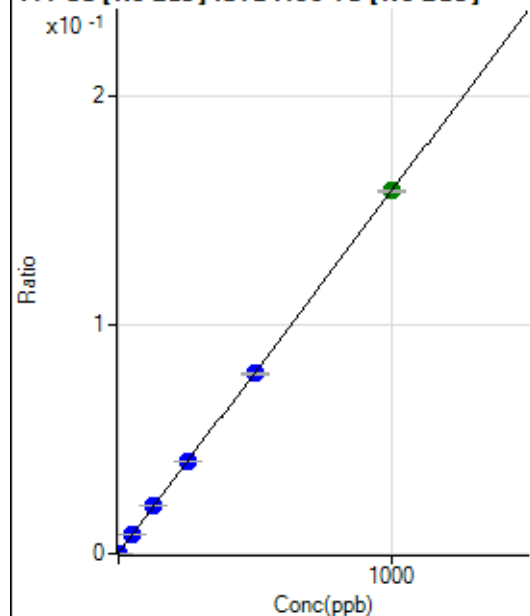
$$R = 1.0000$$

$$DL = 0.003164$$

$$BEC = 0.0038$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5220.08	0.0002	P	1.1
2	☐	0.100					
3	☐	1.000	1.041	8391.93	0.0004	P	3.3
4	☐	50.000	53.117	199776.29	0.0086	P	0.6
5	☐	125.000	131.472	481796.59	0.0210	P	0.5
6	☐	250.000	254.627	921861.13	0.0405	P	0.6
7	☐	500.000	495.093	1823128.18	0.0786	P	1.6
8	☐	1000.000	1000.332	3710708.63	0.1586	A	0.4
9	☐			5901.29	0.0003	P	1.8

$$y = 1.5830\text{E-}004 * x + 2.2784\text{E-}004$$

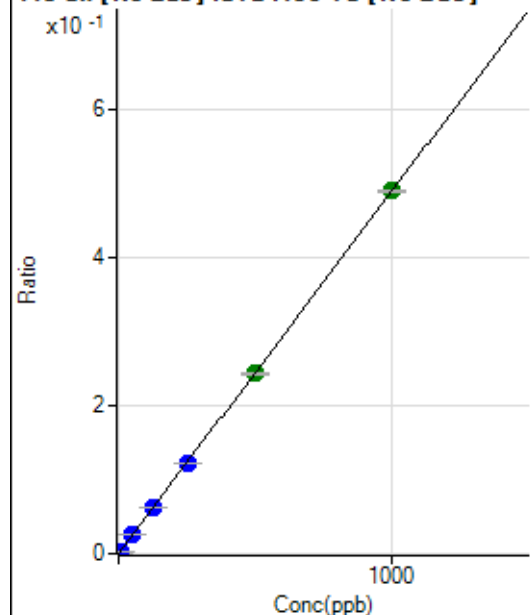
$$R = 1.0000$$

$$DL = 0.04589$$

$$BEC = 1.439$$

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	1600.22	0.0001	P	11.2
2	☐	0.500					
3	☐	5.000	4.897	52649.32	0.0025	P	2.0
4	☐	50.000	50.972	577798.05	0.0250	P	1.5
5	☐	125.000	127.244	1425452.52	0.0623	P	0.3
6	☐	250.000	247.301	2749930.51	0.1209	P	0.2
7	☐	500.000	496.812	5632887.02	0.2428	A	0.5
8	☐	1000.000	1001.940	11458517.97	0.4897	A	0.2
9	☐			11633.10	0.0005	P	3.3

$$y = 4.8867\text{E-}004 * x + 6.9815\text{E-}005$$

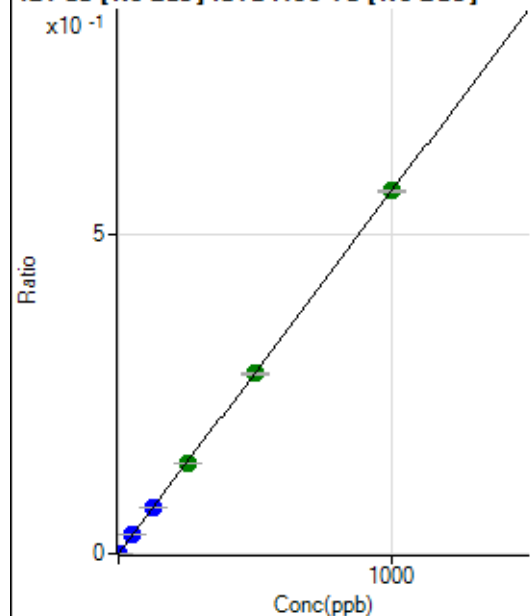
$$R = 1.0000$$

$$DL = 0.04782$$

$$BEC = 0.1429$$

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	111.12	0.0000	P	49.7
2	☐	0.200					
3	☐	2.000	1.910	23250.57	0.0011	P	1.0
4	☐	50.000	50.867	667034.55	0.0288	P	1.0
5	☐	125.000	127.163	1650547.54	0.0721	P	0.1
6	☐	250.000	250.808	3233021.75	0.1422	A	0.1
7	☐	500.000	497.425	6539648.32	0.2819	A	0.7
8	☐	1000.000	1000.772	13272633.89	0.5672	A	0.2
9	☐			20743.84	0.0009	P	1.2

$$y = 5.6679\text{E-}004 * x + 4.8481\text{E-}006$$

$$R = 1.0000$$

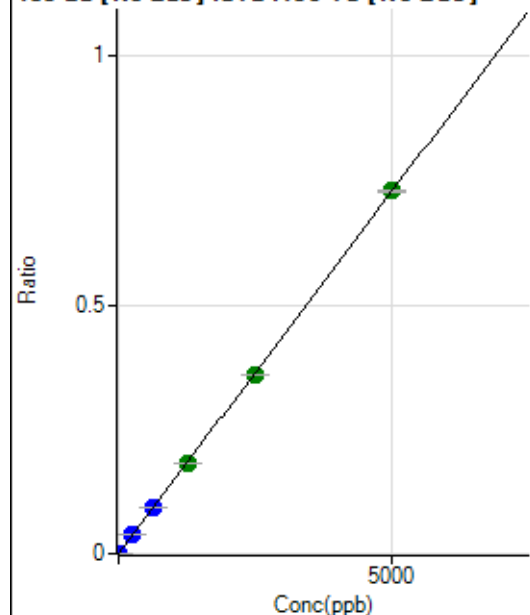
$$DL = 0.01276$$

$$BEC = 0.008554$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	78.2
2	☐	1.000					
3	☐	10.000	9.816	30506.56	0.0014	P	2.9
4	☐	250.000	253.942	853321.11	0.0369	P	0.3
5	☐	625.000	634.127	2109292.43	0.0921	P	0.4
6	☐	1250.000	1241.712	4102005.69	0.1804	A	0.0
7	☐	2500.000	2470.259	8323230.74	0.3588	A	0.7
8	☐	5000.000	5015.605	17047644.83	0.7286	A	0.5
9	☐			2341.97	0.0001	P	5.0

$$y = 1.4526E-004 * x + 1.3302E-006$$

$$R = 1.0000$$

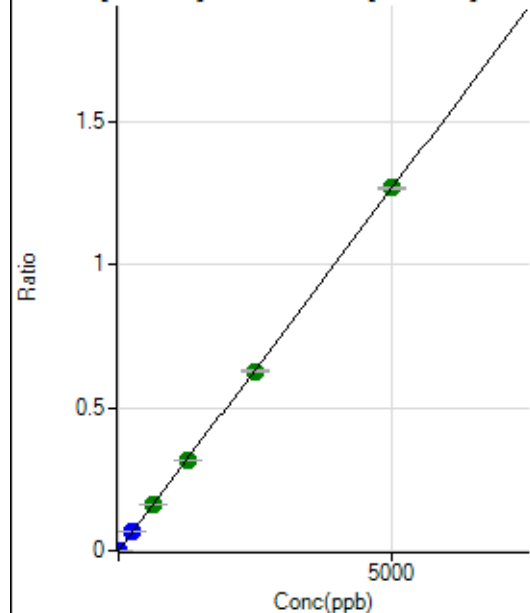
$$DL = 0.02147$$

$$BEC = 0.009157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	15.7
2	☐	1.000					
3	☐	10.000	9.592	52031.91	0.0024	P	1.6
4	☐	250.000	253.419	1485803.73	0.0642	P	0.8
5	☐	625.000	628.090	3645246.09	0.1592	A	0.6
6	☐	1250.000	1241.889	7158127.59	0.3148	A	0.6
7	☐	2500.000	2478.981	14573409.88	0.6283	A	0.6
8	☐	5000.000	5011.981	29723866.64	1.2703	A	0.7
9	☐			4064.68	0.0002	P	5.7

$$y = 2.5345E-004 * x + 2.7907E-006$$

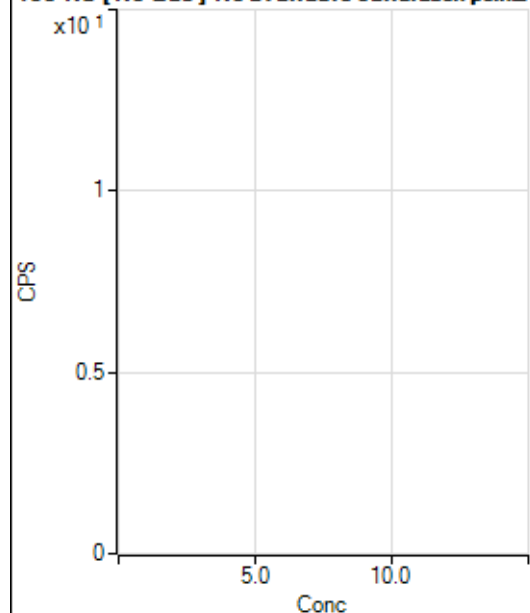
$$R = 1.0000$$

$$DL = 0.005187$$

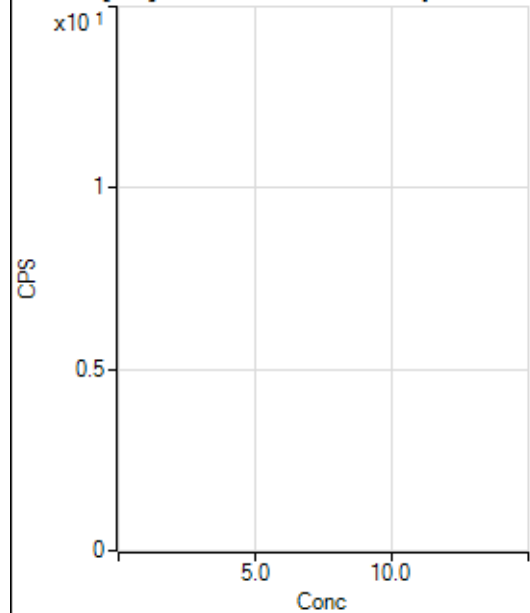
$$BEC = 0.01101$$

Weight: <None>

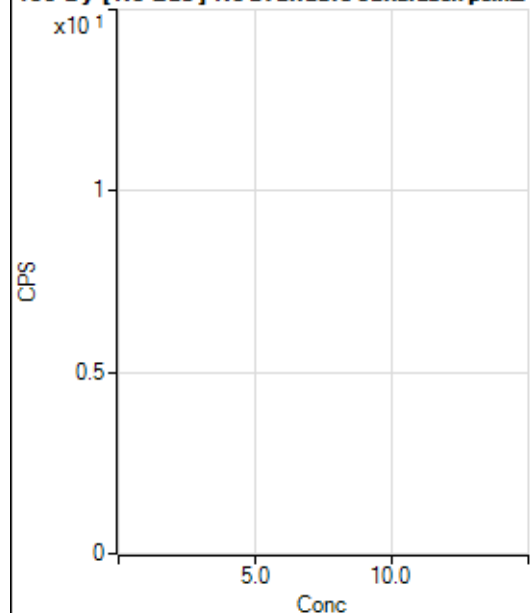
Min Conc: 0

150 Nd [No Gas] No available calibration points

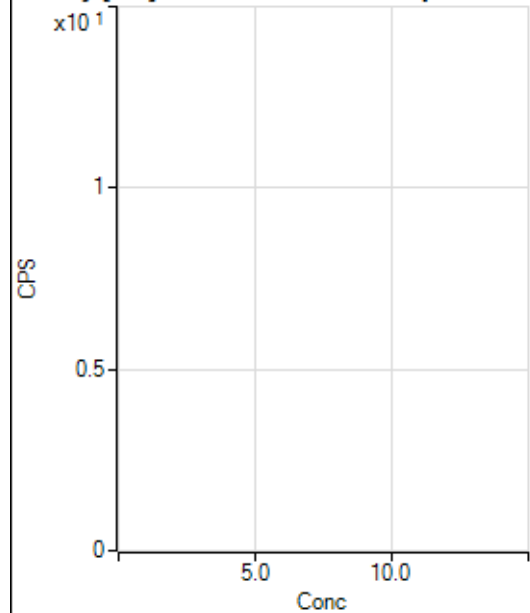
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			53.34		P	45.1
5	☐			175.56		P	26.9
6	☐			315.57		P	6.8
7	☐			660.04		P	1.7
8	☐			1220.10		P	8.1
9	☐			117.78		P	48.8

150 Nd [He] No available calibration points

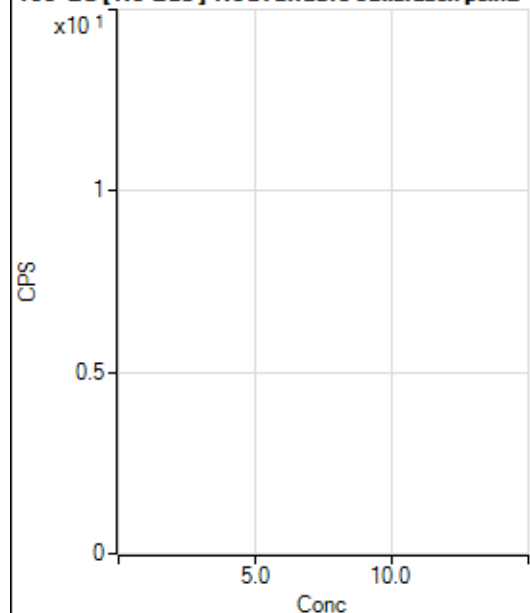
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			2.22		P	86.6
4	☐			4.44		P	43.4
5	☐			18.89		P	20.4
6	☐			35.56		P	35.5
7	☐			86.67		P	21.4
8	☐			154.45		P	25.9
9	☐			76.67		P	15.7

156 Dy [No Gas] No available calibration points

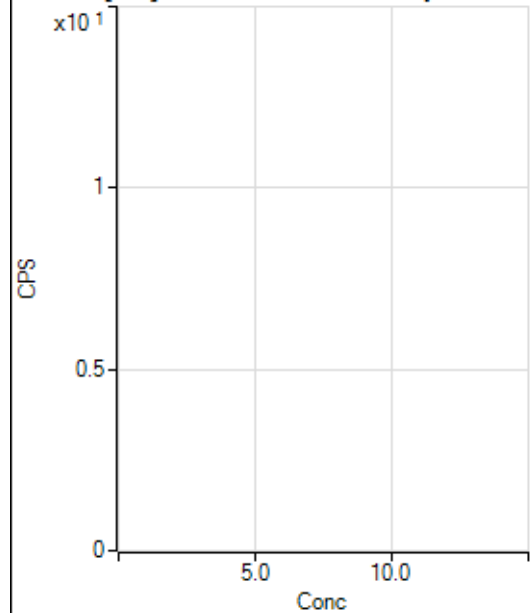
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			11.11		P	114.
4	☐			33.33		P	43.3
5	☐			47.23		P	20.4
6	☐			97.22		P	4.9
7	☐			163.90		P	10.6
8	☐			250.01		P	3.3
9	☐			166.68		P	15.0

156 Dy [He] No available calibration points

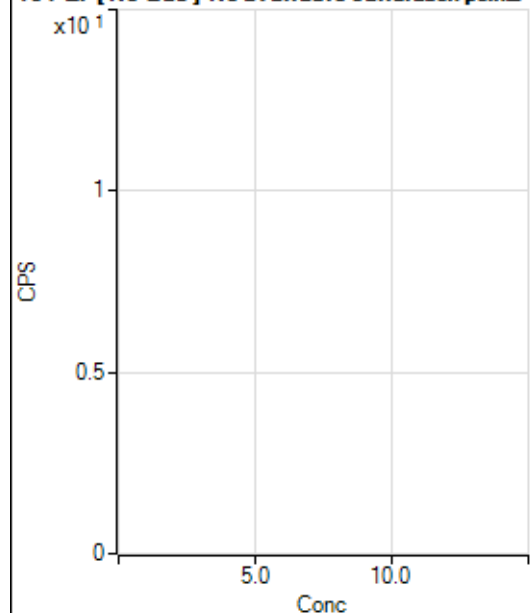
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐						
3	☐			6.67		P	0.0
4	☐			15.56		P	65.5
5	☐			42.22		P	27.7
6	☐			58.89		P	25.5
7	☐			148.89		P	14.4
8	☐			246.68		P	6.2
9	☐			76.67		P	0.0

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

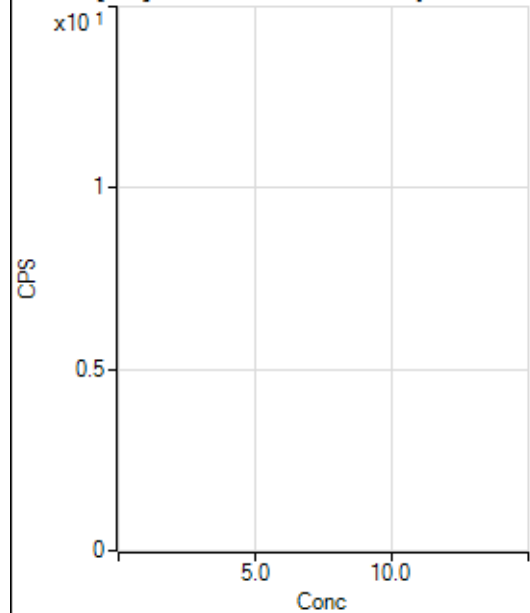
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			175.01		P	14.3
2	☐						
3	☐			211.12		P	21.7
4	☐			194.46		P	2.5
5	☐			213.90		P	29.5
6	☐			200.01		P	15.0
7	☐			272.24		P	13.8
8	☐			233.35		P	15.6
9	☐			297.24		P	4.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			336.67		P	10.4
2	☐						
3	☐			308.90		P	4.4
4	☐			286.67		P	6.0
5	☐			323.34		P	16.0
6	☐			327.79		P	7.1
7	☐			307.79		P	2.3
8	☐			333.34		P	3.0
9	☐			361.12		P	13.7

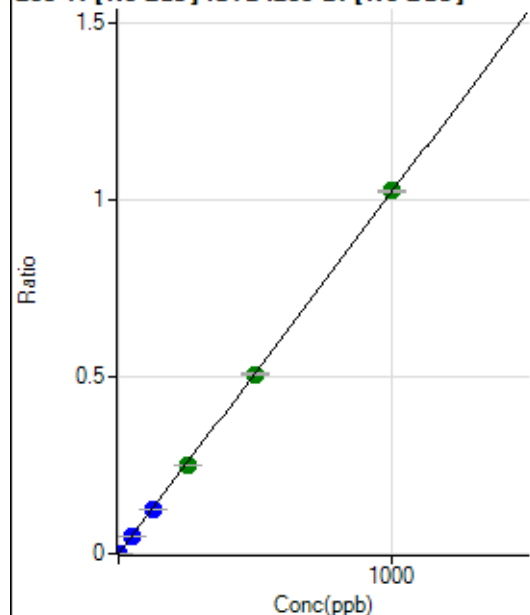
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.01		P	41.7
2	☐						
3	☐			105.56		P	24.1
4	☐			91.67		P	47.2
5	☐			91.67		P	39.6
6	☐			91.67		P	27.3
7	☐			108.34		P	35.2
8	☐			130.56		P	55.0
9	☐			105.56		P	25.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	24.0
2	☐						
3	☐			53.33		P	16.5
4	☐			41.11		P	12.4
5	☐			45.55		P	34.6
6	☐			31.11		P	32.7
7	☐			47.78		P	10.7
8	☐			38.89		P	9.9
9	☐			50.00		P	17.6

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	16.5
2	☐	0.100					
3	☐	1.000	0.940	12931.80	0.0010	P	3.5
4	☐	50.000	48.442	714003.54	0.0495	P	0.9
5	☐	125.000	121.885	1774802.47	0.1244	P	0.4
6	☐	250.000	244.155	3525520.44	0.2492	A	0.3
7	☐	500.000	495.930	7128471.69	0.5062	A	0.7
8	☐	1000.000	1003.963	14191717.50	1.0247	A	0.6
9	☐			4928.89	0.0004	P	5.2

$$y = 0.0010 * x + 9.5044E-006$$

$$R = 1.0000$$

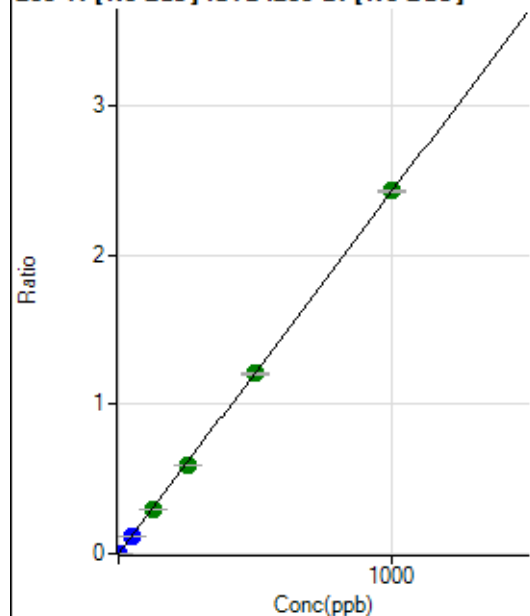
$$DL = 0.004619$$

$$BEC = 0.009312$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0000	P	13.9
2	☐	0.100					
3	☐	1.000	0.929	30307.67	0.0023	P	2.5
4	☐	50.000	48.430	1694087.25	0.1173	P	0.7
5	☐	125.000	121.798	4209216.41	0.2951	A	0.4
6	☐	250.000	243.957	8360320.67	0.5910	A	0.6
7	☐	500.000	497.687	16978289.79	1.2056	A	0.8
8	☐	1000.000	1003.146	33653971.24	2.4300	A	0.6
9	☐			11847.45	0.0010	P	7.5

$$y = 0.0024 * x + 2.0002E-005$$

$$R = 1.0000$$

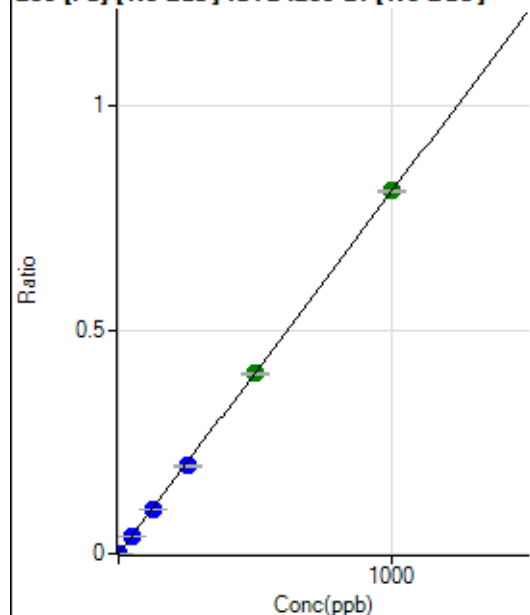
$$DL = 0.00345$$

$$BEC = 0.008258$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	320.38	0.0000	P	5.5
2	☐	0.100					
3	☐	1.000	0.937	10408.11	0.0008	P	2.9
4	☐	50.000	49.015	572021.46	0.0396	P	1.2
5	☐	125.000	123.907	1428236.52	0.1001	P	0.3
6	☐	250.000	242.140	2767569.36	0.1956	P	0.5
7	☐	500.000	498.548	5672030.16	0.4028	A	0.7
8	☐	1000.000	1002.877	11220139.14	0.8102	A	0.5
9	☐			17326.53	0.0015	P	1.0

$$y = 8.0782\text{E-}004 * x + 2.2838\text{E-}005$$

$$R = 1.0000$$

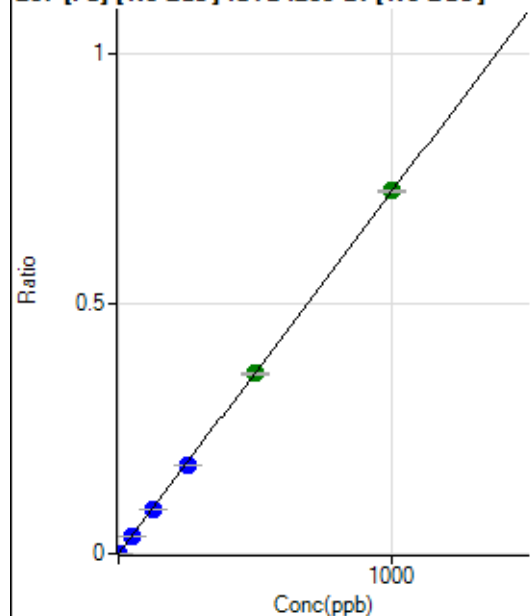
$$DL = 0.004669$$

$$BEC = 0.02827$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.72	0.0000	P	9.7
2	☐	0.100					
3	☐	1.000	0.958	9503.67	0.0007	P	1.8
4	☐	50.000	48.925	511665.86	0.0354	P	1.0
5	☐	125.000	123.652	1277319.27	0.0895	P	1.2
6	☐	250.000	242.871	2487846.73	0.1759	P	0.1
7	☐	500.000	497.525	5073041.72	0.3602	A	0.4
8	☐	1000.000	1003.242	10059566.08	0.7263	A	0.2
9	☐			14343.34	0.0012	P	0.9

$$y = 7.2398\text{E-}004 * x + 1.8082\text{E-}005$$

$$R = 1.0000$$

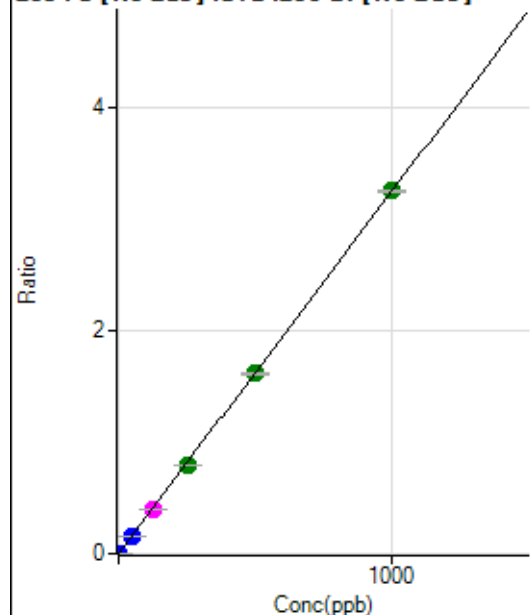
$$DL = 0.007251$$

$$BEC = 0.02498$$

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	1159.32	0.0001	P	6.3
2	☐	0.100					
3	☐	1.000	0.958	42561.76	0.0032	P	2.8
4	☐	50.000	49.114	2300534.21	0.1593	P	0.5
5	☐	125.000	123.436	5710959.56	0.4003	M	0.6
6	☐	250.000	244.725	11227447.82	0.7936	A	0.1
7	☐	500.000	497.680	22728091.37	1.6138	A	0.4
8	☐	1000.000	1002.719	45030286.08	3.2514	A	0.5
9	☐			66358.38	0.0056	P	0.4

$$y = 0.0032 * x + 8.2628E-005$$

$$R = 1.0000$$

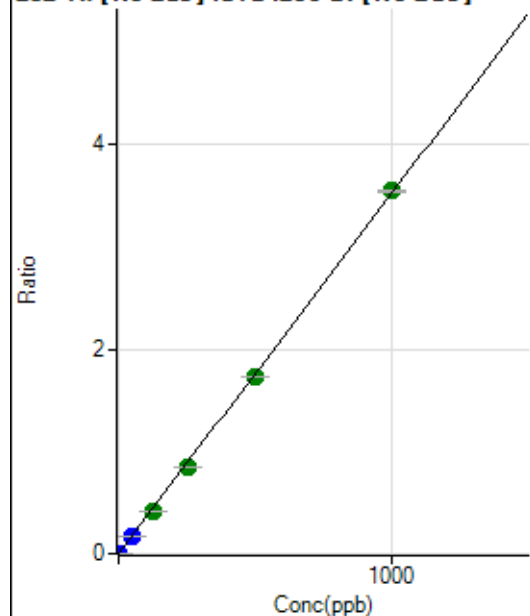
$$DL = 0.004851$$

$$BEC = 0.02548$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	133.34	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	0.890	41958.84	0.0031	P	1.7
4	☐	50.000	46.627	2371395.61	0.1642	P	0.2
5	☐	125.000	118.791	5969063.85	0.4184	A	0.8
6	☐	250.000	240.167	11967762.42	0.8459	A	0.2
7	☐	500.000	491.413	24376678.32	1.7309	A	0.5
8	☐	1000.000	1007.697	49156615.91	3.5494	A	0.5
9	☐			9685.43	0.0008	P	11.4

$$y = 0.0035 * x + 9.5023E-006$$

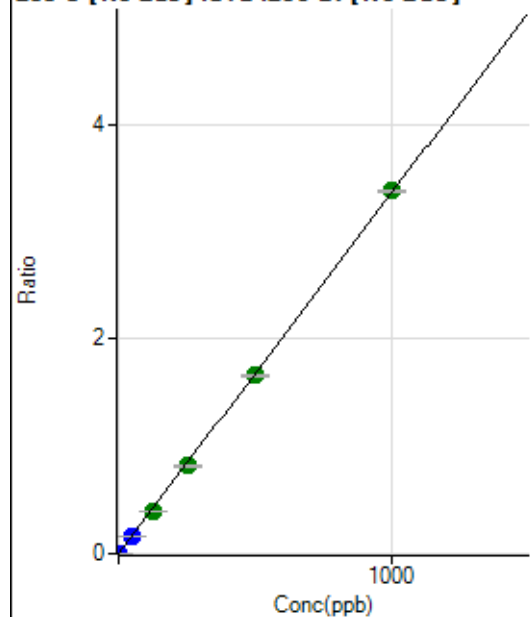
$$R = 0.9999$$

$$DL = 0.0012$$

$$BEC = 0.002698$$

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	169.46	0.0000	P	12.6
2	☐	0.100					
3	☐	1.000	0.928	41849.58	0.0031	P	0.6
4	☐	50.000	47.329	2299900.53	0.1593	P	0.3
5	☐	125.000	119.201	5722935.63	0.4012	A	1.0
6	☐	250.000	242.556	11548263.37	0.8163	A	0.6
7	☐	500.000	494.428	23433531.60	1.6640	A	0.9
8	☐	1000.000	1005.506	46866058.69	3.3840	A	0.3
9	☐			6902.11	0.0006	P	2.4

$$y = 0.0034 * x + 1.2081E-005$$

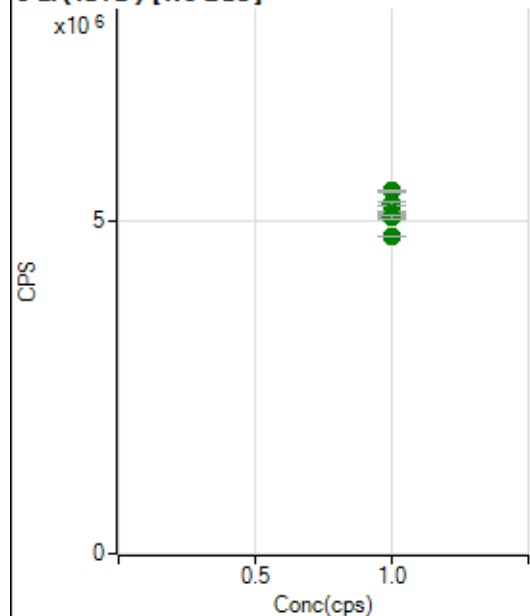
$$R = 0.9999$$

$$DL = 0.001355$$

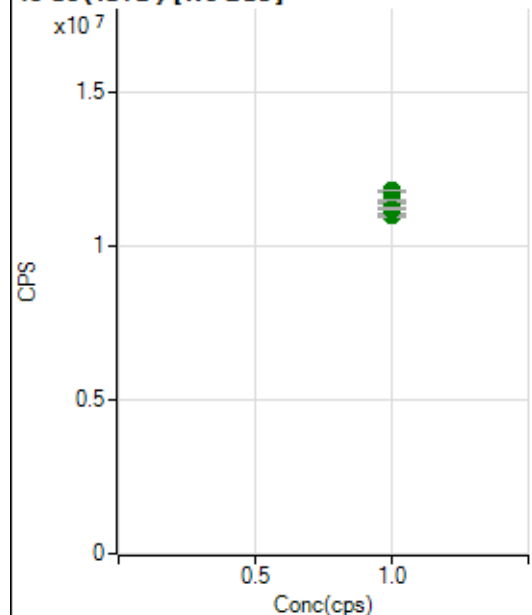
$$BEC = 0.00359$$

Weight: <None>

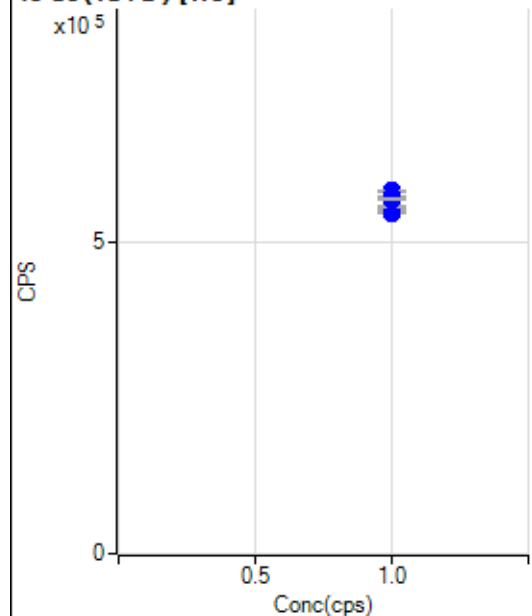
Min Conc: 0

6 Li (ISTD) [No Gas]

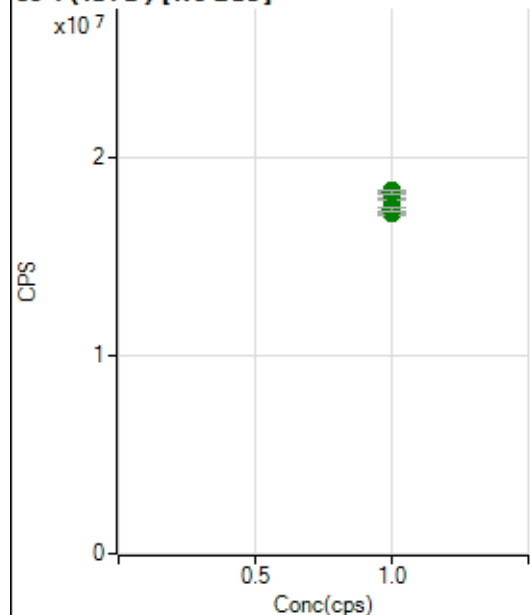
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5444803.81		A	0.1
2	☐	1.000					
3	☐	1.000		5102737.56		A	0.4
4	☐	1.000		5448747.21		A	0.5
5	☐	1.000		5261846.97		A	1.4
6	☐	1.000		5120375.24		A	0.4
7	☐	1.000		5046378.47		A	0.3
8	☐	1.000		5054111.24		A	0.7
9	☐	1.000		4764787.64		A	0.4

45 Sc (ISTD) [No Gas]

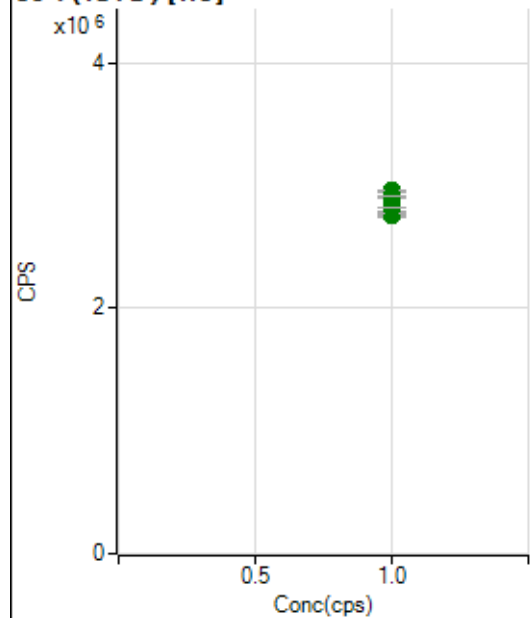
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11758855.21		A	0.6
2	☐	1.000					
3	☐	1.000		11023164.31		A	0.2
4	☐	1.000		11788491.41		A	0.1
5	☐	1.000		11440108.07		A	0.9
6	☐	1.000		10990294.17		A	0.5
7	☐	1.000		11181691.92		A	0.1
8	☐	1.000		11483243.40		A	0.7
9	☐	1.000		11214916.92		A	0.8

45 Sc (ISTD) [He]

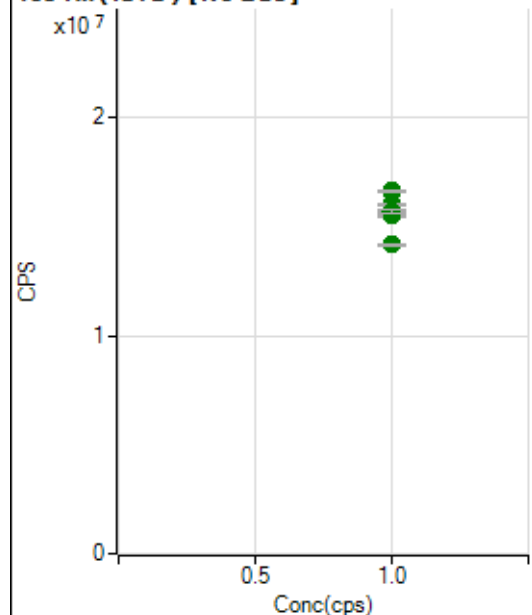
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		583915.61		P	0.2
2	☐	1.000					
3	☐	1.000		548993.08		P	0.5
4	☐	1.000		582404.51		P	0.4
5	☐	1.000		558845.48		P	1.0
6	☐	1.000		553228.36		P	0.5
7	☐	1.000		558095.47		P	0.4
8	☐	1.000		574506.25		P	0.6
9	☐	1.000		570467.87		P	0.5

89 Y (ISTD) [No Gas]

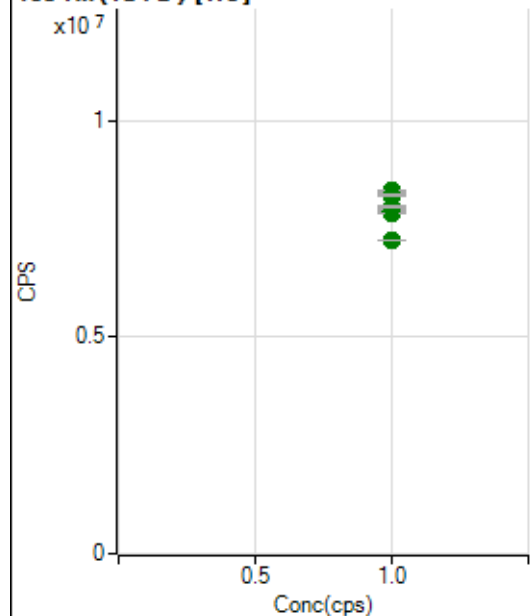
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18336679.45		A	0.3
2	☐	1.000					
3	☐	1.000		17188434.33		A	0.7
4	☐	1.000		18331606.39		A	0.5
5	☐	1.000		17992769.46		A	0.3
6	☐	1.000		17517732.93		A	0.1
7	☐	1.000		17901930.01		A	0.2
8	☐	1.000		18294755.28		A	1.3
9	☐	1.000		17412881.55		A	1.0

89 Y (ISTD) [He]

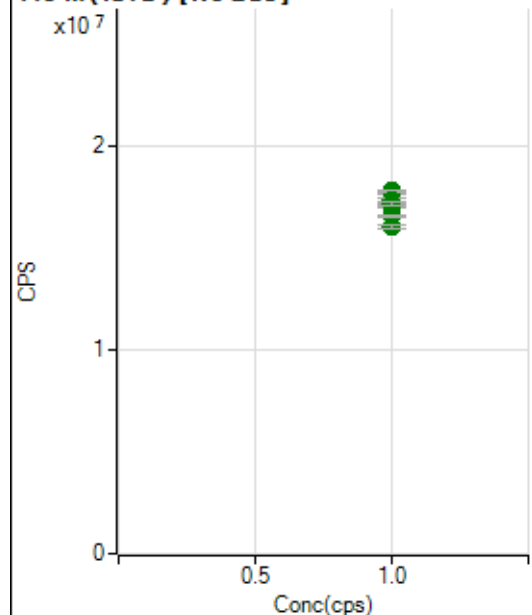
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2956488.15		A	0.4
2	☐	1.000					
3	☐	1.000		2754107.81		A	0.4
4	☐	1.000		2895766.48		A	0.3
5	☐	1.000		2773071.90		A	0.7
6	☐	1.000		2779152.46		A	0.3
7	☐	1.000		2819365.79		A	0.2
8	☐	1.000		2909066.87		A	0.7
9	☐	1.000		2914231.87		A	0.4

103 Rh (ISTD) [No Gas]

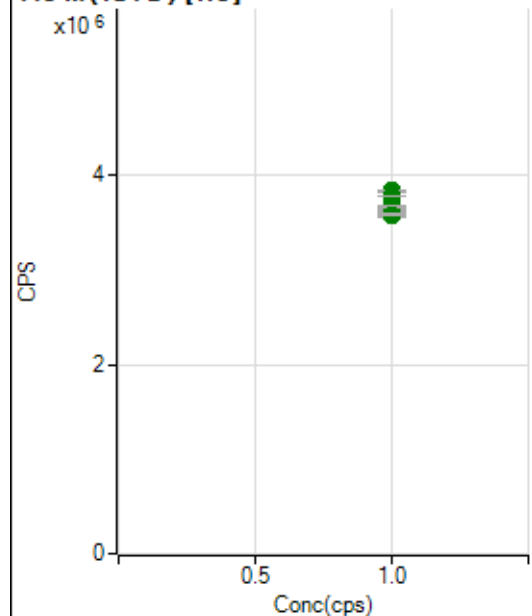
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16629981.27		A	0.5
2	☐	1.000					
3	☐	1.000		15500584.37		A	0.5
4	☐	1.000		16606873.11		A	0.6
5	☐	1.000		16018514.94		A	0.7
6	☐	1.000		15603517.01		A	1.0
7	☐	1.000		15604812.68		A	1.2
8	☐	1.000		15682174.66		A	1.2
9	☐	1.000		14154296.50		A	0.8

103 Rh (ISTD) [He]

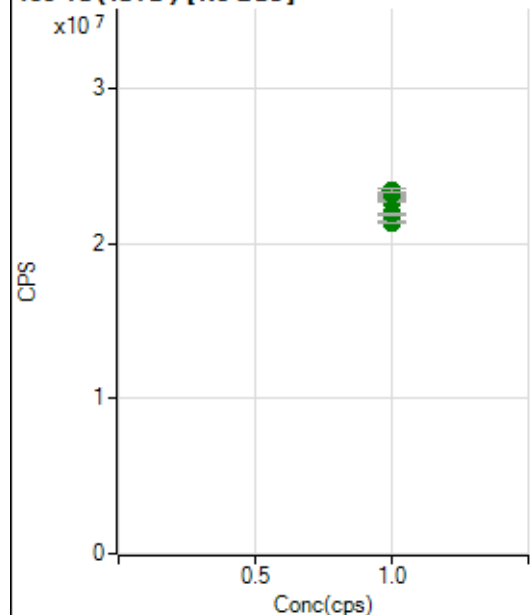
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8385111.96		A	0.4
2	☐	1.000					
3	☐	1.000		7874866.06		A	0.6
4	☐	1.000		8285891.20		A	0.3
5	☐	1.000		7981428.35		A	1.1
6	☐	1.000		7915650.65		A	0.5
7	☐	1.000		7921395.51		A	1.0
8	☐	1.000		8017388.49		A	0.5
9	☐	1.000		7244186.56		A	0.4

115 In (ISTD) [No Gas]

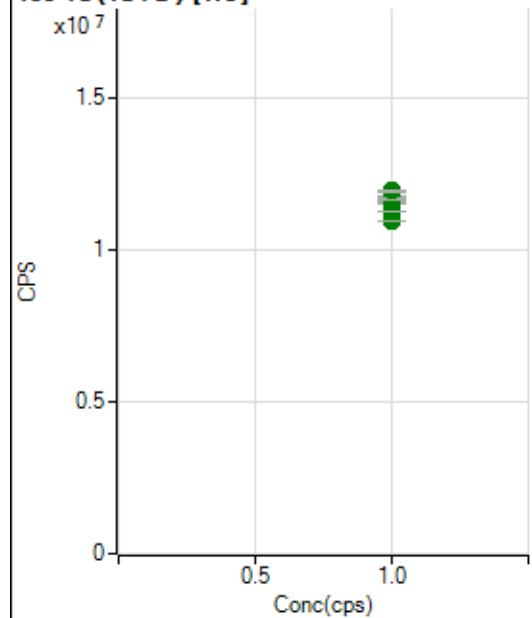
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17697915.33		A	0.6
2	☐	1.000					
3	☐	1.000		16539861.07		A	0.2
4	☐	1.000		17762708.21		A	0.7
5	☐	1.000		17340422.13		A	1.0
6	☐	1.000		17042876.14		A	0.9
7	☐	1.000		17159800.89		A	0.3
8	☐	1.000		17135740.55		A	1.5
9	☐	1.000		16030636.04		A	1.3

115 In (ISTD) [He]

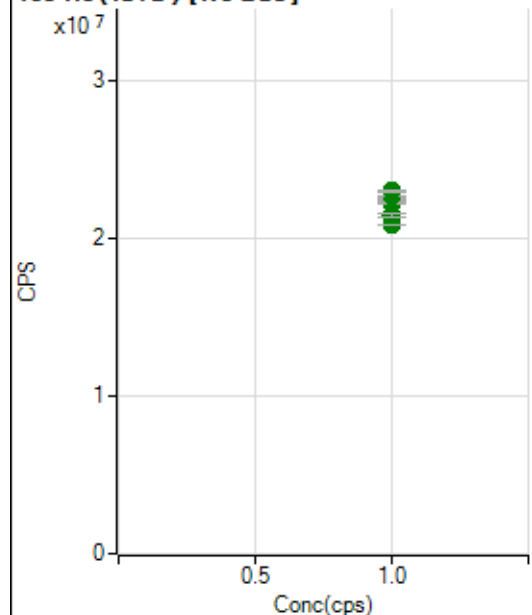
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3837837.81		A	0.5
2	☐	1.000					
3	☐	1.000		3579928.44		A	0.6
4	☐	1.000		3778354.73		A	0.1
5	☐	1.000		3621419.49		A	0.6
6	☐	1.000		3610890.58		A	0.7
7	☐	1.000		3606052.38		A	0.4
8	☐	1.000		3672153.09		A	0.2
9	☐	1.000		3584998.26		A	0.4

159 Tb (ISTD) [No Gas]

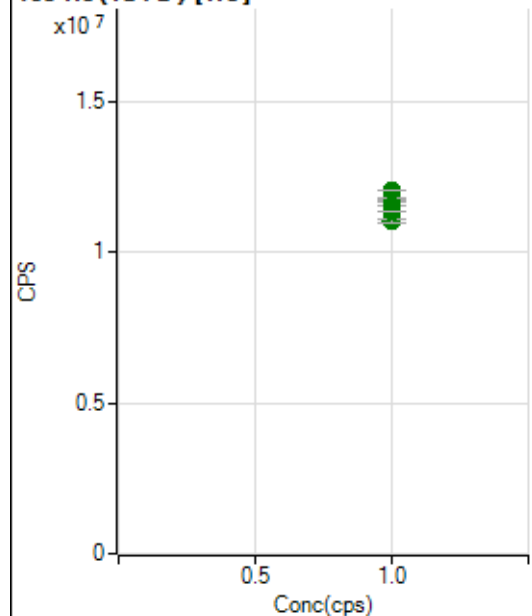
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22909896.33		A	0.7
2	☐	1.000					
3	☐	1.000		21377561.35		A	0.6
4	☐	1.000		23132361.60		A	0.3
5	☐	1.000		22898820.77		A	0.5
6	☐	1.000		22742021.33		A	0.3
7	☐	1.000		23195506.60		A	0.4
8	☐	1.000		23399242.71		A	1.0
9	☐	1.000		21915686.06		A	0.9

159 Tb (ISTD) [He]

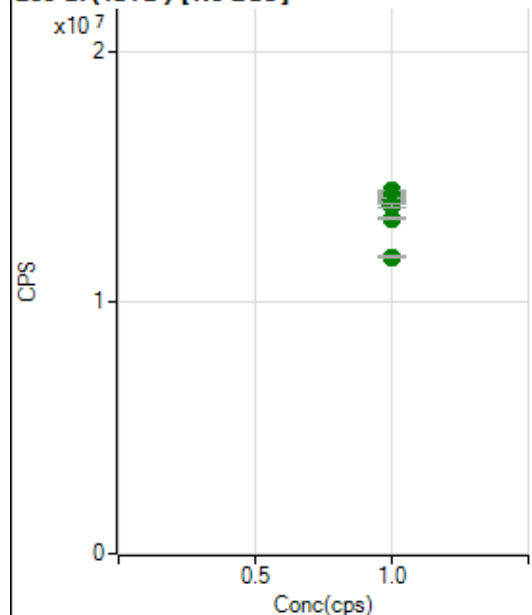
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11739239.41		A	0.6
2	☐	1.000					
3	☐	1.000		10952083.31		A	0.5
4	☐	1.000		11731332.74		A	0.6
5	☐	1.000		11506966.50		A	0.3
6	☐	1.000		11590581.49		A	0.2
7	☐	1.000		11694484.27		A	0.3
8	☐	1.000		11942692.04		A	0.2
9	☐	1.000		11283404.42		A	0.2

165 Ho (ISTD) [No Gas]

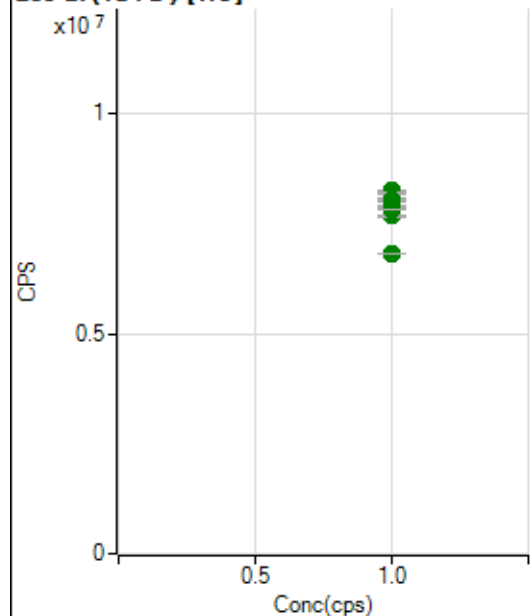
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22542375.85		A	0.2
2	☐	1.000					
3	☐	1.000		20888005.67		A	0.4
4	☐	1.000		22683297.56		A	0.1
5	☐	1.000		22370428.97		A	0.4
6	☐	1.000		22268151.37		A	0.6
7	☐	1.000		22714053.11		A	0.3
8	☐	1.000		23036982.80		A	0.7
9	☐	1.000		21486450.83		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11794775.24		A	0.3
2	☐	1.000					
3	☐	1.000		11036524.42		A	1.0
4	☐	1.000		11806675.79		A	0.2
5	☐	1.000		11580510.38		A	0.1
6	☐	1.000		11672181.08		A	0.3
7	☐	1.000		11812299.82		A	0.3
8	☐	1.000		12048572.87		A	0.1
9	☐	1.000		11368902.75		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14029486.59		A	0.2
2	☐	1.000					
3	☐	1.000		13349467.58		A	0.3
4	☐	1.000		14438286.87		A	0.3
5	☐	1.000		14265805.34		A	0.4
6	☐	1.000		14147313.67		A	0.8
7	☐	1.000		14083583.26		A	0.9
8	☐	1.000		13849752.99		A	1.1
9	☐	1.000		11805321.63		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8242903.98		A	0.3
2	☐	1.000					
3	☐	1.000		7672147.94		A	0.6
4	☐	1.000		8187663.49		A	0.4
5	☐	1.000		8054713.15		A	0.3
6	☐	1.000		7996847.03		A	0.4
7	☐	1.000		7893405.92		A	0.6
8	☐	1.000		7820671.90		A	0.3
9	☐	1.000		6813428.72		A	0.6

US EPA Tune Check Sample Report

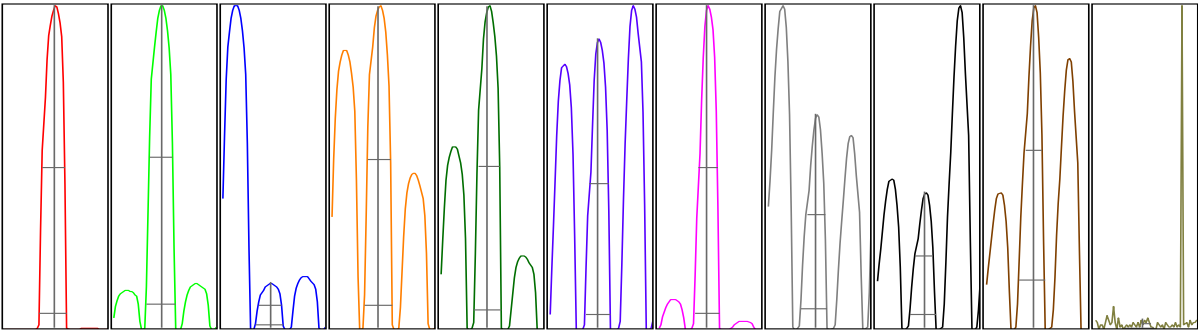
Batch Folder D:\ICP-MS Data\P7083018MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	22020	0.21	5.00	
24	901277	0.19	5.00	
25	126283	0.23	5.00	
26	145378	0.22	5.00	
59	164080	1.00	5.00	
113	20159	0.57	5.00	
115	238705	0.87	5.00	
206	58297	0.24	5.00	
207	54177	0.40	5.00	
208	123339	0.42	5.00	
220	0	37.50		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	22052	22082	21969	22006	21994
24	902724	899360	899564	901656	903082
25	126126	126246	126034	126783	126226
26	145368	145819	145420	145351	144931
59	166361	163065	163009	162670	165297
113	20294	20133	20184	20202	19981
115	241312	240309	238393	237153	236357
206	58210	58437	58148	58451	58238
207	54031	54562	54066	54089	54139
208	122881	124029	123324	123643	122818
220	0	0	0	0	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	35371	9.00	8.9 - 9.1		0.788	0.900	
24	1388516	23.95	23.9 - 24.1		0.855	0.900	
25	196104	24.95	24.9 - 25.1		0.802	0.900	
26	227044	25.90	25.9 - 26.1		0.810	0.900	
59	268966	58.90	58.9 - 59.1		0.785	0.900	
113	38011	112.95	112.9 - 113.1		0.735	0.900	
115	456469	114.95	114.9 - 115.1		0.733	0.900	
206	110199	205.95	205.9 - 206.1		0.754	0.900	
207	99642	206.95	206.9 - 207.1		0.747	0.900	
208	236294	207.95	207.9 - 208.1		0.744	0.900	
220	1	219.95	-		0.833		

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	14.4	V
Extract 2	-150.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-75	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	44164	0.58	
89	78255	0.38	
205	49318	0.35	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	44019	44511	44258	44201	43829
89	77877	78185	78601	78512	78101
205	49307	49207	49574	49373	49129

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	7.7	V	Deflect	1.6	V
Extract 2	-115.0	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 :	LB97642	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:47:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	0.08	0.28	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.02	0.03	-0.02	0.00	N/A	ppb
Boron	10-1	0.03	-0.09	0.06	0.00	N/A	ppb
Cadmium	106-1	-0.20	0.06	0.14	0.00	N/A	ppb
Cadmium	108-1	0.05	-0.02	-0.03	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.00	0.01	0.00	N/A	ppb
Calcium	43-1	-0.70	0.74	-0.03	0.00	N/A	ppb
Calcium	44-1	0.14	-0.43	0.29	0.00	N/A	ppb
Chromium	52-2	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	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	-0.02	0.02	0.00	0.00	N/A	ppb
Iron	57-2	0.35	-0.04	-0.31	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.06	0.18	-0.12	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:47:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-8.66	-7.01	1.04	-4.88		ppb
Potassium	39-2	0.83	-0.03	-0.80	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.18	0.01	0.18	0.00	N/A	ppb
Selenium	82-1	-0.12	-0.03	0.15	0.00	N/A	ppb
Silicon	28-1	0.21	0.04	-0.25	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	0.63	-0.09	-0.54	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-349.47	-299.71	-322.11	-323.76		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
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	-0.01	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	0.07	-0.13	0.06	0.00	N/A	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:47:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:56:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.04	17.57	19.27	19.29	9.00	ppb
Antimony	121-1	1.90	1.93	1.90	1.91	0.98	ppb
Arsenic	75-2	0.98	1.08	0.99	1.02	5.12	ppb
Barium	135-1	9.89	9.50	10.06	9.82	2.89	ppb
Barium	137-1	9.42	9.69	9.67	9.59	1.56	ppb
Beryllium	9-1	0.95	0.94	1.02	0.97	3.99	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	11-1	23.90	24.49	24.96	24.45	2.16	ppb
Boron	10-1	23.53	24.79	24.86	24.39	3.08	ppb
Cadmium	106-1	1.25	1.73	2.06	1.68	24.23	ppb
Cadmium	108-1	1.27	1.15	0.78	1.06	23.77	ppb
Cadmium	111-1	0.95	1.05	1.12	1.04	7.95	ppb
Calcium	43-1	450.53	452.13	461.89	454.85	1.35	ppb
Calcium	44-1	440.86	442.04	440.82	441.24	0.16	ppb
Chromium	52-2	2.12	2.04	1.98	2.05	3.40	ppb
Cobalt	59-2	1.00	1.00	0.98	1.00	1.10	ppb
Copper	63-2	2.06	2.00	2.02	2.02	1.52	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				93		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	50.39	49.93	49.48	49.93	0.91	ppb
Iron	57-2	54.88	50.04	50.85	51.92	4.99	ppb
Lead	207-1	0.94	0.97	0.97	0.96	1.80	ppb
Lead	208-1	0.95	0.99	0.94	0.96	2.87	ppb
Lead	206-1	0.92	0.97	0.92	0.94	3.01	ppb
Lithium	6-1				94		%
Magnesium	24-2	493.72	499.46	496.34	496.51	0.58	ppb
Manganese	55-2	1.04	1.06	1.00	1.03	3.36	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:56:03	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.85	4.65	4.90	4.80	2.71	ppb
Molybdenum	98-1	4.86	4.62	4.78	4.76	2.55	ppb
Molybdenum	94-1	4.93	4.64	4.95	4.84	3.64	ppb
Molybdenum	95-1	4.63	4.78	4.84	4.75	2.19	ppb
Molybdenum	96-1	4.75	4.71	4.72	4.73	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.12	1.06	1.10	3.23	ppb
Phosphorus	31-2	2.57	9.03	3.04	4.88	73.91	ppb
Potassium	39-2	468.84	472.01	470.35	470.40	0.34	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	4.74	7.46	3.46	5.22	39.13	ppb
Selenium	78-2	5.28	5.51	5.06	5.28	4.31	ppb
Selenium	82-1	5.68	5.19	5.12	5.33	5.69	ppb
Silicon	28-1	19.41	19.66	19.45	19.50	0.69	ppb
Silver	109-1	0.99	0.98	1.03	1.00	2.65	ppb
Silver	107-1	1.01	1.02	1.02	1.02	0.87	ppb
Sodium	23-2	493.63	483.16	486.39	487.73	1.10	ppb
Strontium	86-1	1.01	0.98	0.88	0.96	7.07	ppb
Strontium	88-1	1.00	0.95	0.99	0.98	2.75	ppb
Sulfur	34-1	314.58	302.11	354.60	323.76	8.47	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.97	0.94	0.91	0.94	3.56	ppb
Thallium	205-1	0.93	0.95	0.91	0.93	2.48	ppb
Thorium	232-1	0.90	0.87	0.89	0.89	1.69	ppb
Tin	118-1	4.79	4.91	4.99	4.90	2.11	ppb
Titanium	47-1	4.67	4.71	4.90	4.76	2.57	ppb
Uranium	238-1	0.92	0.93	0.93	0.93	0.63	ppb
Vanadium	51-2	4.71	4.71	4.79	4.74	0.96	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	2.78	2.61	2.12	2.50	13.70	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:56:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.96	0.95	0.95	0.95	0.61	ppb
Zirconium	91-1	0.89	0.93	0.96	0.93	3.55	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:59:57	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	999.67	990.21	1005.18	998.36	0.76	ppb
Antimony	121-1	50.69	51.43	50.48	50.87	0.98	ppb
Arsenic	75-2	51.75	51.82	50.65	51.41	1.27	ppb
Barium	135-1	254.81	253.49	253.52	253.94	0.30	ppb
Barium	137-1	252.19	255.73	252.34	253.42	0.79	ppb
Beryllium	9-1	50.83	50.37	50.95	50.72	0.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	11-1	51.23	50.90	52.01	51.38	1.11	ppb
Boron	10-1	48.91	51.79	51.13	50.61	2.98	ppb
Cadmium	106-1	53.99	53.96	52.56	53.50	1.52	ppb
Cadmium	108-1	51.27	51.28	53.30	51.95	2.25	ppb
Cadmium	111-1	53.36	53.28	52.71	53.12	0.67	ppb
Calcium	43-1	4796.29	4788.96	4824.35	4803.20	0.39	ppb
Calcium	44-1	4754.12	4807.97	4799.39	4787.16	0.60	ppb
Chromium	52-2	50.86	50.02	50.41	50.43	0.83	ppb
Cobalt	59-2	51.60	50.90	51.33	51.28	0.69	ppb
Copper	63-2	104.61	103.29	103.69	103.86	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2545.73	2511.39	2510.81	2522.64	0.79	ppb
Iron	57-2	2571.76	2566.09	2545.90	2561.25	0.53	ppb
Lead	207-1	48.76	49.48	48.53	48.92	1.02	ppb
Lead	208-1	48.85	49.35	49.14	49.11	0.52	ppb
Lead	206-1	48.32	49.38	49.35	49.02	1.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	5184.22	5135.56	5170.38	5163.39	0.49	ppb
Manganese	55-2	102.20	100.57	101.46	101.41	0.81	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:59:57	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	246.86	247.55	248.88	247.76	0.42	ppb
Molybdenum	98-1	245.91	246.60	247.15	246.55	0.25	ppb
Molybdenum	94-1	249.36	248.77	248.28	248.80	0.22	ppb
Molybdenum	95-1	247.37	249.75	247.91	248.34	0.50	ppb
Molybdenum	96-1	246.08	244.15	248.05	246.09	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.83	52.50	53.35	53.23	1.27	ppb
Phosphorus	31-2	1028.17	1003.57	1016.75	1016.16	1.21	ppb
Potassium	39-2	2399.69	2401.50	2415.06	2405.42	0.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	55.70	52.09	50.79	52.86	4.81	ppb
Selenium	78-2	52.98	55.24	51.96	53.39	3.14	ppb
Selenium	82-1	52.05	52.43	52.43	52.30	0.43	ppb
Silicon	28-1	61.94	63.50	62.90	62.78	1.25	ppb
Silver	109-1	53.25	54.33	53.09	53.55	1.26	ppb
Silver	107-1	53.11	53.79	53.04	53.32	0.78	ppb
Sodium	23-2	5076.67	5023.30	5079.91	5059.96	0.63	ppb
Strontium	86-1	49.95	50.19	50.63	50.26	0.69	ppb
Strontium	88-1	49.71	50.07	50.28	50.02	0.58	ppb
Sulfur	34-1	857.58	892.81	940.45	896.95	4.64	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	48.04	48.35	48.94	48.44	0.94	ppb
Thallium	205-1	48.03	48.62	48.64	48.43	0.72	ppb
Thorium	232-1	46.59	46.55	46.75	46.63	0.22	ppb
Tin	118-1	50.37	51.85	50.69	50.97	1.52	ppb
Titanium	47-1	248.85	248.08	249.23	248.72	0.24	ppb
Uranium	238-1	47.24	47.50	47.24	47.33	0.32	ppb
Vanadium	51-2	50.37	49.53	49.77	49.89	0.87	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	107.71	106.40	106.58	106.90	0.66	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:59:57	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.52	49.40	49.68	49.53	0.28	ppb
Zirconium	91-1	49.83	49.80	50.03	49.88	0.26	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:04:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2530.56	2512.07	2499.50	2514.04	0.62	ppb
Antimony	121-1	127.10	127.30	127.09	127.16	0.09	ppb
Arsenic	75-2	130.71	128.91	128.49	129.37	0.91	ppb
Barium	135-1	631.44	636.00	634.94	634.13	0.38	ppb
Barium	137-1	623.99	630.70	629.59	628.09	0.57	ppb
Beryllium	9-1	126.55	129.47	129.87	128.63	1.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	11-1	123.31	126.25	132.19	127.25	3.56	ppb
Boron	10-1	121.48	127.74	132.56	127.26	4.37	ppb
Cadmium	106-1	131.13	130.86	131.15	131.05	0.12	ppb
Cadmium	108-1	133.46	134.79	134.32	134.19	0.51	ppb
Cadmium	111-1	132.11	131.47	130.83	131.47	0.49	ppb
Calcium	43-1	12276.09	12237.78	12333.37	12282.41	0.39	ppb
Calcium	44-1	12066.54	12113.39	12121.79	12100.57	0.25	ppb
Chromium	52-2	127.30	126.37	126.96	126.88	0.37	ppb
Cobalt	59-2	127.50	126.87	128.55	127.64	0.66	ppb
Copper	63-2	259.63	257.43	260.29	259.12	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				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	6358.69	6325.83	6396.20	6360.24	0.55	ppb
Iron	57-2	6445.39	6358.88	6389.75	6398.01	0.69	ppb
Lead	207-1	122.06	124.94	123.96	123.65	1.18	ppb
Lead	208-1	122.93	124.28	123.10	123.44	0.59	ppb
Lead	206-1	123.56	124.31	123.85	123.91	0.30	ppb
Lithium	6-1				97		%
Magnesium	24-2	13100.66	12973.59	13089.57	13054.61	0.54	ppb
Manganese	55-2	254.17	252.11	255.36	253.88	0.65	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:04:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	615.33	632.88	617.43	621.88	1.54	ppb
Molybdenum	98-1	618.11	628.67	618.26	621.68	0.97	ppb
Molybdenum	94-1	618.75	623.45	615.28	619.16	0.66	ppb
Molybdenum	95-1	621.70	626.81	620.43	622.98	0.54	ppb
Molybdenum	96-1	626.28	626.86	619.07	624.07	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.50	131.32	134.09	132.64	1.05	ppb
Phosphorus	31-2	2553.82	2594.27	2454.39	2534.16	2.84	ppb
Potassium	39-2	5996.44	5986.43	5977.11	5986.66	0.16	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	116.89	128.85	128.64	124.80	5.49	ppb
Selenium	78-2	126.01	134.54	132.39	130.98	3.39	ppb
Selenium	82-1	130.42	133.73	130.46	131.54	1.44	ppb
Silicon	28-1	150.39	156.01	153.61	153.33	1.84	ppb
Silver	109-1	131.87	132.17	130.87	131.64	0.52	ppb
Silver	107-1	130.51	130.50	130.61	130.54	0.05	ppb
Sodium	23-2	12950.61	12897.56	12957.38	12935.18	0.25	ppb
Strontium	86-1	125.39	128.12	124.22	125.91	1.59	ppb
Strontium	88-1	125.22	125.89	124.83	125.31	0.43	ppb
Sulfur	34-1	2531.96	2635.05	2570.56	2579.19	2.02	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	121.44	122.42	121.79	121.89	0.41	ppb
Thallium	205-1	121.95	122.24	121.21	121.80	0.44	ppb
Thorium	232-1	117.80	119.61	118.96	118.79	0.77	ppb
Tin	118-1	127.43	126.76	127.55	127.24	0.33	ppb
Titanium	47-1	621.48	630.89	627.06	626.47	0.76	ppb
Uranium	238-1	118.10	120.46	119.04	119.20	1.00	ppb
Vanadium	51-2	125.44	124.51	125.32	125.09	0.41	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	273.53	265.76	270.41	269.90	1.45	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:04:20	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	124.50	124.53	124.00	124.34	0.24	ppb
Zirconium	91-1	125.10	123.80	124.19	124.36	0.54	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:08:07	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4909.16	4946.67	4935.22	4930.35	0.39	ppb
Antimony	121-1	250.51	250.98	250.93	250.81	0.10	ppb
Arsenic	75-2	254.13	256.39	253.56	254.70	0.59	ppb
Barium	135-1	1242.16	1241.29	1241.69	1241.71	0.04	ppb
Barium	137-1	1240.67	1234.72	1250.27	1241.89	0.63	ppb
Beryllium	9-1	250.44	250.19	250.83	250.49	0.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	11-1	246.15	247.61	254.01	249.26	1.68	ppb
Boron	10-1	250.87	248.28	255.98	251.71	1.56	ppb
Cadmium	106-1	257.04	255.98	259.85	257.62	0.78	ppb
Cadmium	108-1	259.72	256.78	257.48	257.99	0.59	ppb
Cadmium	111-1	253.45	254.17	256.26	254.63	0.57	ppb
Calcium	43-1	24576.54	24182.06	24266.03	24341.54	0.85	ppb
Calcium	44-1	24094.02	24074.48	24210.25	24126.25	0.30	ppb
Chromium	52-2	249.63	252.84	250.64	251.03	0.65	ppb
Cobalt	59-2	251.67	255.27	251.51	252.82	0.84	ppb
Copper	63-2	504.83	508.89	505.24	506.32	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	12594.61	12733.84	12588.53	12638.99	0.65	ppb
Iron	57-2	12752.34	12841.73	12684.53	12759.54	0.62	ppb
Lead	207-1	242.82	242.77	243.02	242.87	0.05	ppb
Lead	208-1	244.96	244.74	244.47	244.72	0.10	ppb
Lead	206-1	242.78	240.85	242.79	242.14	0.46	ppb
Lithium	6-1				94		%
Magnesium	24-2	25943.99	26095.40	25929.60	25989.66	0.35	ppb
Manganese	55-2	499.45	503.73	501.27	501.48	0.43	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:08:07	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1243.00	1252.89	1253.86	1249.91	0.48	ppb
Molybdenum	98-1	1245.50	1252.10	1257.34	1251.65	0.47	ppb
Molybdenum	94-1	1248.14	1244.86	1240.18	1244.39	0.32	ppb
Molybdenum	95-1	1252.74	1252.66	1252.66	1252.69	0.00	ppb
Molybdenum	96-1	1244.30	1259.56	1250.77	1251.54	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.24	260.66	260.02	259.97	0.27	ppb
Phosphorus	31-2	5097.32	5201.95	5199.88	5166.38	1.16	ppb
Potassium	39-2	11779.99	11957.91	11791.64	11843.18	0.84	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	77-2	247.73	265.48	254.40	255.87	3.50	ppb
Selenium	78-2	251.72	262.50	255.86	256.70	2.12	ppb
Selenium	82-1	258.73	258.47	261.41	259.54	0.63	ppb
Silicon	28-1	262.32	258.44	261.01	260.59	0.76	ppb
Silver	109-1	256.89	255.53	256.00	256.14	0.27	ppb
Silver	107-1	256.64	256.35	256.28	256.43	0.07	ppb
Sodium	23-2	25599.80	25698.21	25536.46	25611.49	0.32	ppb
Strontium	86-1	249.25	251.60	250.93	250.59	0.48	ppb
Strontium	88-1	250.80	251.02	251.39	251.07	0.12	ppb
Sulfur	34-1	4935.23	4742.73	4726.47	4801.48	2.42	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	244.80	243.28	244.39	244.15	0.32	ppb
Thallium	205-1	245.45	243.88	242.54	243.96	0.60	ppb
Thorium	232-1	240.65	239.93	239.92	240.17	0.17	ppb
Tin	118-1	247.87	247.12	246.91	247.30	0.20	ppb
Titanium	47-1	1250.50	1245.50	1251.28	1249.09	0.25	ppb
Uranium	238-1	244.15	241.47	242.05	242.56	0.58	ppb
Vanadium	51-2	248.61	251.56	248.27	249.48	0.73	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	523.73	530.36	533.74	529.28	0.96	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:08:07	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	250.41	249.93	251.91	250.75	0.41	ppb
Zirconium	91-1	247.86	249.11	249.13	248.70	0.29	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:11:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9811.20	9723.05	9816.50	9783.59	0.54	ppb
Antimony	121-1	493.40	498.81	500.06	497.42	0.71	ppb
Arsenic	75-2	503.95	511.75	507.96	507.88	0.77	ppb
Barium	135-1	2465.55	2456.60	2488.63	2470.26	0.67	ppb
Barium	137-1	2469.81	2495.30	2471.83	2478.98	0.57	ppb
Beryllium	9-1	498.04	497.47	503.25	499.59	0.64	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	11-1	495.68	498.60	512.67	502.32	1.81	ppb
Boron	10-1	490.65	497.02	510.11	499.26	1.99	ppb
Cadmium	106-1	499.19	506.76	508.77	504.91	1.00	ppb
Cadmium	108-1	500.11	509.04	504.25	504.47	0.89	ppb
Cadmium	111-1	485.86	500.22	499.20	495.09	1.62	ppb
Calcium	43-1	48271.99	48118.37	48312.06	48234.14	0.21	ppb
Calcium	44-1	48361.30	48207.41	47983.97	48184.22	0.39	ppb
Chromium	52-2	499.98	504.73	503.06	502.59	0.48	ppb
Cobalt	59-2	504.28	505.41	504.83	504.84	0.11	ppb
Copper	63-2	1016.58	1019.02	1019.30	1018.30	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	25528.81	25502.81	25512.48	25514.70	0.05	ppb
Iron	57-2	25586.96	25525.31	25491.64	25534.64	0.19	ppb
Lead	207-1	498.95	495.26	498.36	497.52	0.40	ppb
Lead	208-1	499.10	495.46	498.49	497.68	0.39	ppb
Lead	206-1	501.95	494.93	498.76	498.55	0.71	ppb
Lithium	6-1				93		%
Magnesium	24-2	51337.22	51260.48	51753.76	51450.49	0.52	ppb
Manganese	55-2	1005.66	1003.69	1003.26	1004.20	0.13	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:11:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2483.54	2484.38	2490.81	2486.25	0.16	ppb
Molybdenum	98-1	2484.60	2463.62	2501.28	2483.17	0.76	ppb
Molybdenum	94-1	2491.65	2491.76	2479.67	2487.69	0.28	ppb
Molybdenum	95-1	2485.47	2498.70	2492.19	2492.12	0.27	ppb
Molybdenum	96-1	2479.32	2482.50	2488.57	2483.47	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.42	516.82	516.83	517.02	0.07	ppb
Phosphorus	31-2	10283.71	10177.45	10183.14	10214.77	0.59	ppb
Potassium	39-2	23809.34	23850.57	23701.72	23787.21	0.32	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	520.96	497.07	507.50	508.51	2.36	ppb
Selenium	78-2	501.04	505.93	512.72	506.56	1.16	ppb
Selenium	82-1	511.07	514.22	514.08	513.12	0.35	ppb
Silicon	28-1	503.71	507.79	513.60	508.36	0.98	ppb
Silver	109-1	494.32	506.10	502.56	501.00	1.21	ppb
Silver	107-1	499.94	504.22	505.74	503.30	0.60	ppb
Sodium	23-2	50872.91	50957.84	50781.42	50870.72	0.17	ppb
Strontium	86-1	494.67	500.11	493.63	496.14	0.70	ppb
Strontium	88-1	498.71	499.74	497.25	498.57	0.25	ppb
Sulfur	34-1	9690.32	9732.33	9681.80	9701.48	0.28	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	498.70	491.85	497.24	495.93	0.73	ppb
Thallium	205-1	499.27	493.21	500.58	497.69	0.79	ppb
Thorium	232-1	494.09	489.19	490.96	491.41	0.50	ppb
Tin	118-1	493.94	499.20	497.30	496.81	0.54	ppb
Titanium	47-1	2485.79	2503.91	2502.05	2497.25	0.40	ppb
Uranium	238-1	497.17	489.57	496.55	494.43	0.85	ppb
Vanadium	51-2	499.90	503.89	499.84	501.21	0.46	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	1030.00	1045.64	1036.00	1037.21	0.76	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:11:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.57	498.21	499.24	498.68	0.10	ppb
Zirconium	91-1	495.08	489.20	496.48	493.59	0.78	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:15:37	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19332.84	19112.86	19255.77	19233.82	0.58	ppb
Antimony	121-1	1003.35	999.97	998.99	1000.77	0.23	ppb
Arsenic	75-2	999.80	987.44	995.55	994.27	0.63	ppb
Barium	135-1	5026.29	4986.74	5033.78	5015.61	0.50	ppb
Barium	137-1	5002.99	4983.86	5049.10	5011.98	0.67	ppb
Beryllium	9-1	996.94	1008.03	993.82	999.60	0.75	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	11-1	983.85	1000.36	1011.87	998.69	1.41	ppb
Boron	10-1	983.86	1005.85	1009.23	999.65	1.38	ppb
Cadmium	106-1	989.57	990.49	1004.07	994.71	0.82	ppb
Cadmium	108-1	994.72	990.59	998.26	994.52	0.39	ppb
Cadmium	111-1	999.10	1005.09	996.81	1000.33	0.43	ppb
Calcium	43-1	96792.68	96974.05	96757.93	96841.55	0.12	ppb
Calcium	44-1	97016.88	96008.59	95679.62	96235.03	0.72	ppb
Chromium	52-2	1005.79	997.80	990.98	998.19	0.74	ppb
Cobalt	59-2	999.29	1000.18	989.98	996.48	0.57	ppb
Copper	63-2	1994.77	1991.29	1977.75	1987.94	0.45	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				97		%
Indium	115-2				96		%
Iron	56-2	50995.61	50414.96	49844.54	50418.37	1.14	ppb
Iron	57-2	50739.40	50686.81	50439.23	50621.82	0.32	ppb
Lead	207-1	1005.25	1003.95	1000.52	1003.24	0.24	ppb
Lead	208-1	1007.23	1002.95	997.97	1002.72	0.46	ppb
Lead	206-1	1007.35	1003.99	997.30	1002.88	0.51	ppb
Lithium	6-1				93		%
Magnesium	24-2	101764.21	100515.35	101023.14	101100.90	0.62	ppb
Manganese	55-2	2015.11	1997.25	1978.56	1996.97	0.92	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:15:37	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5018.81	5002.35	5001.04	5007.40	0.20	ppb
Molybdenum	98-1	5019.81	5023.25	4982.72	5008.59	0.45	ppb
Molybdenum	94-1	5031.02	5001.46	4992.56	5008.35	0.40	ppb
Molybdenum	95-1	4985.68	5018.38	5006.76	5003.60	0.33	ppb
Molybdenum	96-1	5015.72	5013.39	4995.47	5008.19	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.76	991.43	985.45	987.88	0.32	ppb
Phosphorus	31-2	19942.81	19786.42	19808.59	19845.94	0.43	ppb
Potassium	39-2	47792.43	47417.27	47419.22	47542.97	0.45	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	1015.25	990.91	976.31	994.16	1.98	ppb
Selenium	78-2	1002.63	991.99	987.76	994.13	0.77	ppb
Selenium	82-1	994.12	995.89	980.34	990.12	0.86	ppb
Silicon	28-1	981.83	987.39	997.46	988.90	0.80	ppb
Silver	109-1	997.96	994.58	998.34	996.96	0.21	ppb
Silver	107-1	989.37	996.47	1001.81	995.88	0.63	ppb
Sodium	23-2	101245.00	101027.31	100049.73	100774.02	0.63	ppb
Strontium	86-1	999.19	1000.22	1005.56	1001.66	0.34	ppb
Strontium	88-1	1004.63	1001.09	995.51	1000.41	0.46	ppb
Sulfur	34-1	20082.24	20144.75	20355.44	20194.14	0.71	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	999.91	1010.26	1001.72	1003.96	0.55	ppb
Thallium	205-1	1000.67	1009.87	998.90	1003.15	0.59	ppb
Thorium	232-1	1012.25	1008.95	1001.90	1007.70	0.52	ppb
Tin	118-1	999.37	1002.98	1003.47	1001.94	0.22	ppb
Titanium	47-1	4994.54	5001.07	5008.83	5001.48	0.14	ppb
Uranium	238-1	1006.02	1008.46	1002.04	1005.51	0.32	ppb
Vanadium	51-2	1006.14	1001.64	990.79	999.52	0.79	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1978.95	1967.02	1967.76	1971.24	0.34	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:15:37	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	997.84	1002.28	1001.62	1000.58	0.24	ppb
Zirconium	91-1	1004.63	1003.45	1002.77	1003.62	0.09	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:19:27	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99937.87	99942.16	100654.04	100178.02	0.41	ppb
Antimony	121-1	1.66	1.68	1.64	1.66	1.18	ppb
Arsenic	75-2	1.41	1.46	1.33	1.40	4.42	ppb
Barium	135-1	0.70	0.77	0.71	0.73	5.03	ppb
Barium	137-1	0.68	0.76	0.72	0.72	5.82	ppb
Beryllium	9-1	0.12	0.15	0.11	0.13	15.25	ppb
Bismuth	209-1				84		%
Bismuth	209-2				83		%
Boron	11-1	32.57	29.69	26.60	29.62	10.08	ppb
Boron	10-1	34.09	29.16	27.68	30.31	11.07	ppb
Cadmium	106-1	1.50	1.03	1.81	1.45	27.08	ppb
Cadmium	108-1	0.35	0.33	0.42	0.37	13.54	ppb
Cadmium	111-1	0.26	0.23	0.29	0.26	11.97	ppb
Calcium	43-1	498619.38	501492.59	502433.99	500848.65	0.40	ppb
Calcium	44-1	499439.75	501549.91	501981.63	500990.43	0.27	ppb
Chromium	52-2	32.23	32.24	31.78	32.08	0.82	ppb
Cobalt	59-2	12.17	12.03	12.01	12.07	0.72	ppb
Copper	63-2	4.19	4.24	4.16	4.20	1.01	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				96		%
Indium	115-1				91		%
Indium	115-2				93		%
Iron	56-2	250170.32	249859.60	249534.85	249854.92	0.13	ppb
Iron	57-2	250367.30	250520.91	248526.44	249804.88	0.44	ppb
Lead	207-1	1.67	1.64	1.66	1.65	0.91	ppb
Lead	208-1	1.70	1.71	1.71	1.71	0.43	ppb
Lead	206-1	1.81	1.78	1.78	1.79	0.97	ppb
Lithium	6-1				88		%
Magnesium	24-2	498596.40	500485.18	499627.81	499569.79	0.19	ppb
Manganese	55-2	8.86	9.09	9.08	9.01	1.40	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:19:27	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	8.26	7.90	7.60	7.92	4.18	ppb
Molybdenum	98-1	8.17	7.73	7.56	7.82	4.05	ppb
Molybdenum	94-1	6.09	5.86	5.55	5.83	4.67	ppb
Molybdenum	95-1	8.30	8.14	7.57	8.01	4.78	ppb
Molybdenum	96-1	9.76	9.29	8.69	9.25	5.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.06	28.09	28.02	28.06	0.13	ppb
Phosphorus	31-2	4.15	19.99	1.85	8.66	114.04	ppb
Potassium	39-2	248736.17	252102.88	251120.29	250653.11	0.69	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.70	0.47	0.39	91.64	ppb
Selenium	78-2	0.14	0.47	0.55	0.39	56.63	ppb
Selenium	82-1	0.89	0.42	0.73	0.68	34.83	ppb
Silicon	28-1	42.74	44.50	46.12	44.45	3.81	ppb
Silver	109-1	0.09	0.09	0.10	0.10	3.00	ppb
Silver	107-1	0.08	0.09	0.09	0.09	6.67	ppb
Sodium	23-2	497943.42	502310.37	498894.46	499716.08	0.46	ppb
Strontium	86-1	4.90	4.78	4.78	4.82	1.47	ppb
Strontium	88-1	4.91	4.94	4.95	4.93	0.42	ppb
Sulfur	34-1	-1533.65	-1310.67	-1167.53	-1337.28		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.42	0.40	0.38	0.40	5.27	ppb
Thallium	205-1	0.44	0.40	0.38	0.41	7.65	ppb
Thorium	232-1	0.26	0.23	0.21	0.23	11.54	ppb
Tin	118-1	0.94	0.98	0.91	0.94	3.85	ppb
Titanium	47-1	0.90	1.00	0.98	0.96	5.76	ppb
Uranium	238-1	0.17	0.17	0.17	0.17	2.49	ppb
Vanadium	51-2	0.35	0.33	0.35	0.35	4.05	ppb
Yttrium	89-1				95		%
Yttrium	89-2				99		%
Zinc	66-2	10.01	10.08	10.13	10.07	0.61	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:19:27	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.15	0.15	0.15	0.28	ppb
Zirconium	91-1	0.17	0.18	0.17	0.17	3.00	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:36:03	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.73	500.41	485.73	490.96	1.67	ppb
Antimony	121-1	187.38	190.27	189.42	189.02	0.79	ppb
Arsenic	75-2	194.81	193.68	192.94	193.81	0.49	ppb
Barium	135-1	97.27	100.15	97.69	98.37	1.58	ppb
Barium	137-1	96.72	98.41	97.08	97.40	0.91	ppb
Beryllium	9-1	96.04	95.21	95.81	95.68	0.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	502.36	519.00	528.35	516.57	2.55	ppb
Boron	10-1	499.99	512.52	518.82	510.45	1.88	ppb
Cadmium	106-1	181.63	184.35	189.59	185.19	2.18	ppb
Cadmium	108-1	145.02	148.01	164.27	152.43	6.80	ppb
Cadmium	111-1	104.03	105.95	105.78	105.25	1.01	ppb
Calcium	43-1	2158.04	2175.97	2136.36	2156.79	0.92	ppb
Calcium	44-1	1952.40	1950.58	1931.58	1944.85	0.59	ppb
Chromium	52-2	92.54	91.85	92.85	92.41	0.55	ppb
Cobalt	59-2	96.89	95.51	95.77	96.06	0.77	ppb
Copper	63-2	98.04	98.46	97.52	98.00	0.48	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				104		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	975.09	963.29	959.42	965.93	0.84	ppb
Iron	57-2	987.98	964.98	968.27	973.74	1.28	ppb
Lead	207-1	179.04	180.68	180.79	180.17	0.54	ppb
Lead	208-1	185.41	186.11	185.42	185.65	0.22	ppb
Lead	206-1	186.20	187.43	187.72	187.12	0.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	1140.52	1143.58	1143.15	1142.42	0.14	ppb
Manganese	55-2	93.19	92.47	92.74	92.80	0.39	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:36:03	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	502.18	507.51	510.19	506.63	0.80	ppb
Molybdenum	98-1	514.48	516.22	511.99	514.23	0.41	ppb
Molybdenum	94-1	1129.65	1132.99	1114.43	1125.69	0.88	ppb
Molybdenum	95-1	518.20	520.51	517.20	518.64	0.33	ppb
Molybdenum	96-1	590.08	591.03	588.49	589.87	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.80	98.67	99.10	99.19	0.57	ppb
Phosphorus	31-2	-2.03	2.54	-7.02	-2.17		ppb
Potassium	39-2	1843.05	1805.73	1821.36	1823.38	1.03	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	207.67	199.24	195.57	200.83	3.09	ppb
Selenium	78-2	196.49	203.76	202.09	200.78	1.90	ppb
Selenium	82-1	199.85	198.66	199.77	199.43	0.33	ppb
Silicon	28-1	3.22	3.72	4.32	3.75	14.69	ppb
Silver	109-1	95.97	97.66	96.99	96.87	0.88	ppb
Silver	107-1	96.12	97.63	97.91	97.22	0.99	ppb
Sodium	23-2	1886.09	1866.07	1868.19	1873.45	0.59	ppb
Strontium	86-1	496.84	505.69	503.84	502.12	0.93	ppb
Strontium	88-1	508.13	506.32	506.38	506.94	0.20	ppb
Sulfur	34-1	-1546.72	-1582.21	-1633.55	-1587.49		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	182.88	186.92	187.90	185.90	1.43	ppb
Thallium	205-1	188.99	188.62	189.21	188.94	0.16	ppb
Thorium	232-1	474.11	475.08	475.08	474.76	0.12	ppb
Tin	118-1	523.35	533.36	523.97	526.89	1.06	ppb
Titanium	47-1	506.58	508.84	506.18	507.20	0.28	ppb
Uranium	238-1	493.64	497.04	490.74	493.81	0.64	ppb
Vanadium	51-2	92.76	92.72	92.26	92.58	0.30	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	203.56	201.74	201.17	202.16	0.62	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:36:03	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.44	503.07	503.55	504.02	0.25	ppb
Zirconium	91-1	508.78	503.75	504.11	505.55	0.55	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:46:46	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.83	19.36	21.92	19.37	13.15	ppb
Antimony	121-1	1.89	2.00	1.99	1.96	3.14	ppb
Arsenic	75-2	1.01	0.95	1.17	1.04	10.66	ppb
Barium	135-1	9.67	9.73	9.84	9.75	0.89	ppb
Barium	137-1	9.60	9.67	9.88	9.72	1.51	ppb
Beryllium	9-1	1.03	0.98	1.04	1.02	3.16	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	11-1	28.84	28.44	29.74	29.01	2.31	ppb
Boron	10-1	28.28	29.78	27.61	28.56	3.89	ppb
Cadmium	106-1	1.42	1.08	1.06	1.19	17.09	ppb
Cadmium	108-1	1.02	1.06	1.25	1.11	11.38	ppb
Cadmium	111-1	1.07	1.04	1.00	1.04	3.41	ppb
Calcium	43-1	452.90	445.07	448.94	448.97	0.87	ppb
Calcium	44-1	436.94	441.83	434.15	437.64	0.89	ppb
Chromium	52-2	2.07	2.07	2.47	2.20	10.31	ppb
Cobalt	59-2	0.97	0.99	1.11	1.02	7.15	ppb
Copper	63-2	1.98	1.96	2.37	2.11	11.05	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				106		%
Indium	115-2				104		%
Iron	56-2	50.16	51.00	57.50	52.89	7.60	ppb
Iron	57-2	51.97	51.09	58.88	53.98	7.91	ppb
Lead	207-1	0.95	0.94	0.92	0.94	1.82	ppb
Lead	208-1	0.95	0.96	0.94	0.95	1.24	ppb
Lead	206-1	0.94	0.94	0.95	0.94	0.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	479.97	484.49	553.76	506.07	8.17	ppb
Manganese	55-2	1.05	0.98	1.14	1.06	7.46	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:46:46	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.90	4.77	4.89	4.85	1.44	ppb
Molybdenum	98-1	4.85	4.91	4.73	4.83	1.85	ppb
Molybdenum	94-1	5.14	4.92	4.98	5.01	2.21	ppb
Molybdenum	95-1	4.89	4.83	4.87	4.86	0.65	ppb
Molybdenum	96-1	4.94	4.67	4.82	4.81	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.04	1.29	1.11	14.68	ppb
Phosphorus	31-2	-1.23	4.31	2.89	1.99	144.80	ppb
Potassium	39-2	464.49	465.15	540.59	490.08	8.93	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	5.10	6.44	4.84	5.46	15.73	ppb
Selenium	78-2	6.07	4.86	6.35	5.76	13.69	ppb
Selenium	82-1	4.95	4.84	4.90	4.90	1.14	ppb
Silicon	28-1	14.85	15.54	14.89	15.09	2.58	ppb
Silver	109-1	1.01	1.03	1.02	1.02	0.82	ppb
Silver	107-1	0.99	1.06	0.99	1.01	4.22	ppb
Sodium	23-2	483.12	485.63	553.02	507.25	7.82	ppb
Strontium	86-1	0.91	1.00	0.96	0.96	4.66	ppb
Strontium	88-1	0.94	0.93	0.96	0.94	1.63	ppb
Sulfur	34-1	-999.21	-933.18	-913.78	-948.72		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.90	0.93	0.93	0.92	2.08	ppb
Thallium	205-1	0.92	0.93	0.93	0.93	0.45	ppb
Thorium	232-1	0.93	0.91	0.91	0.92	1.59	ppb
Tin	118-1	5.15	5.04	5.01	5.07	1.44	ppb
Titanium	47-1	4.65	4.77	4.86	4.76	2.21	ppb
Uranium	238-1	0.92	0.93	0.92	0.92	1.07	ppb
Vanadium	51-2	4.80	4.82	5.44	5.02	7.26	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	2.11	2.16	2.41	2.23	7.34	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:46:46	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.98	0.99	1.00	0.99	0.85	ppb
Zirconium	91-1	1.06	0.96	1.04	1.02	5.23	ppb

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 13:50:21 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	-0.28	0.12	-0.01		ppb
Antimony	121-1	0.02	0.01	0.03	0.02	44.18	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.00	0.01	0.01	0.01	62.29	ppb
Barium	137-1	0.00	0.00	0.00	0.00	26.76	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	13.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	5.00	4.85	4.81	4.89	2.06	ppb
Boron	10-1	4.65	4.75	4.42	4.61	3.76	ppb
Cadmium	106-1	1.69	0.31	1.51	1.17	63.78	ppb
Cadmium	108-1	-0.02	0.03	-0.02	0.00		ppb
Cadmium	111-1	0.13	0.03	0.12	0.09	62.51	ppb
Calcium	43-1	0.55	1.24	1.44	1.08	43.09	ppb
Calcium	44-1	-1.00	-0.83	-0.10	-0.64		ppb
Chromium	52-2	0.02	0.01	0.03	0.02	36.86	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.00	0.00	0.00	124.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	0.41	0.39	0.30	0.37	15.40	ppb
Iron	57-2	-0.44	0.70	0.47	0.24	249.93	ppb
Lead	207-1	0.02	0.02	0.01	0.01	12.38	ppb
Lead	208-1	0.02	0.01	0.01	0.01	27.34	ppb
Lead	206-1	0.01	0.01	0.01	0.01	15.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.76	0.68	0.66	0.70	7.49	ppb
Manganese	55-2	0.00	0.01	0.01	0.00	71.56	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:50:21	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.11	0.13	0.12	0.12	7.94	ppb
Molybdenum	98-1	0.13	0.11	0.10	0.12	11.95	ppb
Molybdenum	94-1	0.14	0.12	0.08	0.11	26.74	ppb
Molybdenum	95-1	0.13	0.13	0.09	0.12	17.92	ppb
Molybdenum	96-1	0.12	0.09	0.10	0.11	11.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	248.65	ppb
Phosphorus	31-2	-11.00	-13.11	-5.55	-9.89		ppb
Potassium	39-2	0.32	0.89	0.04	0.41	104.78	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.00	0.21	0.07	173.21	ppb
Selenium	78-2	0.03	0.58	0.55	0.39	79.35	ppb
Selenium	82-1	-0.18	-0.49	0.13	-0.18		ppb
Silicon	28-1	-0.73	-0.14	-0.94	-0.61		ppb
Silver	109-1	0.01	0.01	0.00	0.01	21.74	ppb
Silver	107-1	0.01	0.01	0.00	0.01	33.90	ppb
Sodium	23-2	8.07	9.26	8.15	8.49	7.83	ppb
Strontium	86-1	-0.02	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-639.54	-686.36	-875.61	-733.84		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.01	0.01	23.69	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	26.40	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	5.71	ppb
Tin	118-1	0.15	0.14	0.13	0.14	8.55	ppb
Titanium	47-1	0.04	-0.01	-0.02	0.00	3964.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	0.13	-0.01	0.11	0.07	101.61	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:50:21	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	23.41	ppb
Zirconium	91-1	0.05	0.01	0.02	0.02	84.86	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:53:56	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87813.25	88086.10	87808.07	87902.48	0.18	ppb
Antimony	121-1	1.09	1.12	1.12	1.11	1.76	ppb
Arsenic	75-2	0.27	0.31	0.30	0.30	7.79	ppb
Barium	135-1	1.47	1.45	1.49	1.47	1.43	ppb
Barium	137-1	1.52	1.49	1.36	1.45	5.91	ppb
Beryllium	9-1	0.30	0.26	0.26	0.27	8.95	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	11-1	5.99	5.87	5.72	5.86	2.27	ppb
Boron	10-1	6.57	5.54	5.10	5.74	13.14	ppb
Cadmium	106-1	-0.78	-0.04	-0.08	-0.30		ppb
Cadmium	108-1	13.68	11.86	11.85	12.46	8.44	ppb
Cadmium	111-1	0.43	0.44	0.50	0.46	8.34	ppb
Calcium	43-1	97648.27	93511.85	93576.76	94912.29	2.50	ppb
Calcium	44-1	97514.79	93787.98	93441.08	94914.61	2.38	ppb
Chromium	52-2	19.06	19.04	19.05	19.05	0.06	ppb
Cobalt	59-2	1.14	1.13	1.17	1.15	1.87	ppb
Copper	63-2	7.37	7.57	7.51	7.48	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	97468.21	97321.90	97386.54	97392.22	0.08	ppb
Iron	57-2	98193.60	97705.74	98105.24	98001.53	0.27	ppb
Lead	207-1	4.14	4.00	4.14	4.09	1.98	ppb
Lead	208-1	4.52	4.32	4.37	4.41	2.38	ppb
Lead	206-1	4.92	4.66	4.68	4.75	3.12	ppb
Lithium	6-1				94		%
Magnesium	24-2	97728.67	97013.46	96606.17	97116.10	0.59	ppb
Manganese	55-2	7.66	7.73	7.71	7.70	0.49	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:53:56	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1970.98	1890.96	1890.25	1917.40	2.42	ppb
Molybdenum	98-1	1975.14	1879.37	1889.47	1914.66	2.75	ppb
Molybdenum	94-1	1368.37	1329.50	1313.99	1337.28	2.09	ppb
Molybdenum	95-1	1973.13	1910.34	1889.64	1924.37	2.26	ppb
Molybdenum	96-1	1890.99	1826.56	1820.74	1846.10	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.26	5.29	5.37	5.31	1.06	ppb
Phosphorus	31-2	95513.92	95106.08	95336.20	95318.73	0.21	ppb
Potassium	39-2	94078.28	93706.10	94324.19	94036.19	0.33	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.68	0.23	173.21	ppb
Selenium	78-2	0.17	-0.68	0.15	-0.12		ppb
Selenium	82-1	0.14	-0.02	0.11	0.08	116.19	ppb
Silicon	28-1	24.68	22.17	22.13	22.99	6.37	ppb
Silver	109-1	0.04	0.05	0.06	0.05	22.39	ppb
Silver	107-1	0.03	0.05	0.04	0.04	16.88	ppb
Sodium	23-2	96696.02	97536.35	96980.84	97071.07	0.44	ppb
Strontium	86-1	33.64	32.42	32.92	32.99	1.86	ppb
Strontium	88-1	34.38	32.80	32.81	33.33	2.73	ppb
Sulfur	34-1	84967.81	80269.74	80502.16	81913.24	3.23	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.08	0.08	0.08	8.88	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	0.52	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	8.30	ppb
Tin	118-1	0.26	0.24	0.27	0.26	5.46	ppb
Titanium	47-1	2062.82	1969.78	1974.38	2002.33	2.62	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	7.73	ppb
Vanadium	51-2	0.15	0.15	0.16	0.15	2.20	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	10.85	11.25	10.91	11.00	1.95	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:53:56	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.05	0.06	23.01	ppb
Zirconium	91-1	0.07	0.08	0.06	0.07	16.18	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:57:36	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87473.89	88323.30	86861.86	87553.02	0.84	ppb
Antimony	121-1	20.84	20.60	20.69	20.71	0.59	ppb
Arsenic	75-2	19.23	19.80	19.20	19.41	1.74	ppb
Barium	135-1	21.79	21.63	21.09	21.51	1.72	ppb
Barium	137-1	21.54	21.45	21.39	21.46	0.35	ppb
Beryllium	9-1	20.43	19.92	19.58	19.98	2.13	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	11-1	59.63	60.26	60.00	59.96	0.53	ppb
Boron	10-1	60.40	60.75	60.80	60.65	0.36	ppb
Cadmium	106-1	25.58	26.79	24.36	25.58	4.74	ppb
Cadmium	108-1	34.16	35.41	35.45	35.01	2.09	ppb
Cadmium	111-1	20.20	20.08	20.02	20.10	0.46	ppb
Calcium	43-1	93045.20	93664.48	93286.73	93332.14	0.33	ppb
Calcium	44-1	93254.19	93105.49	93084.70	93148.13	0.10	ppb
Chromium	52-2	38.33	38.93	38.11	38.46	1.11	ppb
Cobalt	59-2	20.43	20.83	20.27	20.51	1.42	ppb
Copper	63-2	27.37	27.43	26.84	27.21	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	97756.68	99283.72	97603.53	98214.64	0.95	ppb
Iron	57-2	98206.27	99401.73	97461.75	98356.58	1.00	ppb
Lead	207-1	22.85	22.71	23.20	22.92	1.12	ppb
Lead	208-1	23.69	23.59	23.90	23.72	0.66	ppb
Lead	206-1	25.15	24.79	25.06	25.00	0.74	ppb
Lithium	6-1				95		%
Magnesium	24-2	97159.47	98101.87	95803.45	97021.60	1.19	ppb
Manganese	55-2	27.03	27.52	26.62	27.06	1.68	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:57:36	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1963.89	1957.66	1959.54	1960.37	0.16	ppb
Molybdenum	98-1	1953.27	1949.47	1974.70	1959.15	0.69	ppb
Molybdenum	94-1	1449.70	1436.68	1442.61	1443.00	0.45	ppb
Molybdenum	95-1	1974.05	1949.07	1952.85	1958.66	0.69	ppb
Molybdenum	96-1	1906.76	1892.17	1897.42	1898.78	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.06	24.79	24.57	24.81	1.00	ppb
Phosphorus	31-2	94838.25	95929.34	94330.99	95032.86	0.86	ppb
Potassium	39-2	93561.41	93857.14	93160.49	93526.35	0.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	19.69	20.53	18.23	19.48	5.98	ppb
Selenium	78-2	19.75	17.64	18.10	18.50	6.00	ppb
Selenium	82-1	18.78	19.06	19.61	19.15	2.19	ppb
Silicon	28-1	82.36	83.63	84.22	83.40	1.14	ppb
Silver	109-1	18.60	18.38	18.52	18.50	0.60	ppb
Silver	107-1	18.62	18.59	18.44	18.55	0.52	ppb
Sodium	23-2	97686.59	98060.25	96592.86	97446.56	0.78	ppb
Strontium	86-1	86.87	86.54	86.42	86.61	0.27	ppb
Strontium	88-1	87.35	87.03	87.09	87.16	0.19	ppb
Sulfur	34-1	78696.69	79458.81	79285.40	79146.97	0.50	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	19.81	19.52	19.98	19.77	1.17	ppb
Thallium	205-1	20.00	19.97	20.13	20.03	0.42	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	5.92	ppb
Tin	118-1	54.26	54.18	53.44	53.96	0.84	ppb
Titanium	47-1	2035.77	2025.48	2031.55	2030.93	0.25	ppb
Uranium	238-1	55.44	55.48	55.35	55.43	0.12	ppb
Vanadium	51-2	19.39	19.89	19.33	19.54	1.57	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	30.25	29.63	30.57	30.15	1.59	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:57:36	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.75	53.07	53.42	53.41	0.63	ppb
Zirconium	91-1	54.71	53.67	54.50	54.29	1.02	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:01:16	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51167.14	50970.34	51621.49	51252.99	0.65	ppb
Antimony	121-1	498.68	496.96	501.08	498.90	0.42	ppb
Arsenic	75-2	478.73	476.02	476.93	477.23	0.29	ppb
Barium	135-1	2522.74	2515.98	2519.35	2519.36	0.13	ppb
Barium	137-1	2531.97	2519.82	2514.89	2522.22	0.35	ppb
Beryllium	9-1	494.85	496.63	501.58	497.69	0.70	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	11-1	490.21	499.73	520.76	503.57	3.10	ppb
Boron	10-1	484.09	490.91	514.66	496.55	3.23	ppb
Cadmium	106-1	484.59	485.32	493.01	487.64	0.96	ppb
Cadmium	108-1	483.70	477.52	494.44	485.22	1.76	ppb
Cadmium	111-1	472.75	474.39	480.64	475.92	0.88	ppb
Calcium	43-1	236257.02	238030.37	238070.25	237452.55	0.44	ppb
Calcium	44-1	237185.60	238702.59	238150.01	238012.73	0.32	ppb
Chromium	52-2	498.22	491.82	498.97	496.33	0.79	ppb
Cobalt	59-2	488.47	482.86	488.92	486.75	0.69	ppb
Copper	63-2	939.16	932.20	938.98	936.78	0.42	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				99		%
Indium	115-2				98		%
Iron	56-2	123990.34	121965.04	124041.45	123332.27	0.96	ppb
Iron	57-2	124449.78	123453.53	125220.37	124374.56	0.71	ppb
Lead	207-1	506.97	508.41	507.68	507.69	0.14	ppb
Lead	208-1	507.20	507.81	509.21	508.07	0.20	ppb
Lead	206-1	508.52	508.59	512.58	509.90	0.46	ppb
Lithium	6-1				94		%
Magnesium	24-2	243018.34	242330.62	244890.12	243413.03	0.54	ppb
Manganese	55-2	990.70	983.17	992.56	988.81	0.50	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:01:16	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2488.88	2505.48	2482.68	2492.35	0.47	ppb
Molybdenum	98-1	2483.60	2504.94	2493.81	2494.12	0.43	ppb
Molybdenum	94-1	2484.35	2493.69	2484.69	2487.57	0.21	ppb
Molybdenum	95-1	2479.69	2493.01	2497.76	2490.15	0.38	ppb
Molybdenum	96-1	2484.69	2497.82	2497.84	2493.45	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.78	477.94	484.74	483.49	1.04	ppb
Phosphorus	31-2	10024.89	9745.40	9843.43	9871.24	1.44	ppb
Potassium	39-2	119766.70	119795.09	120542.18	120034.66	0.37	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	464.41	478.06	472.62	471.70	1.46	ppb
Selenium	78-2	466.54	475.99	474.76	472.43	1.09	ppb
Selenium	82-1	466.75	467.03	466.75	466.84	0.04	ppb
Silicon	28-1	526.65	529.20	537.90	531.25	1.11	ppb
Silver	109-1	485.98	484.67	490.19	486.95	0.59	ppb
Silver	107-1	483.16	485.18	490.16	486.17	0.74	ppb
Sodium	23-2	243534.96	241925.08	245454.91	243638.32	0.73	ppb
Strontium	86-1	487.67	490.58	494.57	490.94	0.71	ppb
Strontium	88-1	496.94	499.94	498.35	498.41	0.30	ppb
Sulfur	34-1	8418.22	8616.63	8680.14	8571.66	1.59	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	507.88	511.74	513.51	511.04	0.56	ppb
Thallium	205-1	508.58	512.10	515.21	511.96	0.65	ppb
Thorium	232-1	511.47	518.20	517.59	515.75	0.72	ppb
Tin	118-1	502.68	501.54	502.34	502.18	0.12	ppb
Titanium	47-1	2486.89	2506.81	2523.86	2505.85	0.74	ppb
Uranium	238-1	511.38	519.82	516.45	515.89	0.82	ppb
Vanadium	51-2	495.55	489.42	496.55	493.84	0.78	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	913.55	909.26	916.56	913.12	0.40	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:01:16	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.18	504.05	505.31	504.18	0.21	ppb
Zirconium	91-1	503.17	505.30	505.64	504.70	0.26	ppb

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P7
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 14:08:16 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.28	0.32	0.22	66.51	ppb
Antimony	121-1	0.12	0.11	0.10	0.11	6.12	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	267.07	ppb
Barium	135-1	0.01	0.00	0.02	0.01	98.11	ppb
Barium	137-1	0.01	0.00	0.00	0.00	126.31	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	28.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	11-1	5.65	6.08	5.87	5.87	3.72	ppb
Boron	10-1	5.81	5.48	5.43	5.57	3.68	ppb
Cadmium	106-1	0.11	0.79	1.35	0.75	82.64	ppb
Cadmium	108-1	-0.06	-0.03	-0.02	-0.04		ppb
Cadmium	111-1	0.02	0.07	0.11	0.07	65.09	ppb
Calcium	43-1	3.18	1.52	1.21	1.97	53.75	ppb
Calcium	44-1	1.01	0.97	1.21	1.06	12.29	ppb
Chromium	52-2	0.01	0.02	0.02	0.02	32.86	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.08	0.06	0.08	0.08	16.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	1.20	1.09	1.08	1.12	6.10	ppb
Iron	57-2	1.43	1.59	0.85	1.29	30.15	ppb
Lead	207-1	0.03	0.03	0.03	0.03	8.73	ppb
Lead	208-1	0.03	0.03	0.02	0.03	9.56	ppb
Lead	206-1	0.03	0.03	0.02	0.02	27.70	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.36	1.43	1.45	1.41	3.19	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	49.22	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.56	0.57	0.53	0.55	3.18	ppb
Molybdenum	98-1	0.59	0.57	0.53	0.56	5.15	ppb
Molybdenum	94-1	0.52	0.43	0.34	0.43	20.52	ppb
Molybdenum	95-1	0.54	0.57	0.54	0.55	2.69	ppb
Molybdenum	96-1	0.52	0.57	0.50	0.53	6.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-1.12	-14.58	-2.46	-6.05		ppb
Potassium	39-2	8.17	8.99	7.34	8.17	10.06	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.82	0.26	0.30	-0.08		ppb
Selenium	82-1	-0.43	-0.32	-0.67	-0.47		ppb
Silicon	28-1	-3.32	-2.80	-2.98	-3.03		ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.04	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.84	ppb
Sodium	23-2	21.81	21.82	21.24	21.62	1.54	ppb
Strontium	86-1	-0.02	-0.02	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	72.67	ppb
Sulfur	34-1	-2096.92	-2085.84	-1943.35	-2042.04		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.05	0.05	0.05	7.79	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.34	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	8.19	ppb
Tin	118-1	0.05	0.05	0.06	0.06	6.00	ppb
Titanium	47-1	0.06	0.02	0.05	0.04	55.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	118.10	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	198.03	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	0.10	0.21	0.15	0.15	36.38	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	22.03	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	49.01	ppb

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 14:12:12 DataFile Name : 019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.52	17.44	19.13	18.69	5.92	ppb
Antimony	121-1	1.99	2.03	1.96	1.99	1.72	ppb
Arsenic	75-2	1.07	1.09	1.03	1.06	3.03	ppb
Barium	135-1	9.86	9.87	9.74	9.82	0.74	ppb
Barium	137-1	9.85	9.80	9.94	9.87	0.73	ppb
Beryllium	9-1	0.92	1.03	1.03	0.99	6.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	11-1	28.08	29.11	29.67	28.95	2.79	ppb
Boron	10-1	27.62	28.59	28.63	28.28	2.03	ppb
Cadmium	106-1	2.17	2.10	2.23	2.17	2.95	ppb
Cadmium	108-1	1.10	0.89	0.84	0.94	14.86	ppb
Cadmium	111-1	1.21	1.07	1.07	1.12	7.07	ppb
Calcium	43-1	466.02	430.19	441.43	445.88	4.11	ppb
Calcium	44-1	443.29	433.88	440.45	439.21	1.10	ppb
Chromium	52-2	2.11	2.06	2.08	2.08	1.40	ppb
Cobalt	59-2	1.00	1.01	0.98	1.00	1.50	ppb
Copper	63-2	2.01	2.05	2.07	2.05	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	51.72	51.68	51.46	51.62	0.27	ppb
Iron	57-2	51.62	57.02	54.93	54.52	4.99	ppb
Lead	207-1	0.93	0.96	0.92	0.94	2.23	ppb
Lead	208-1	0.97	0.97	0.97	0.97	0.16	ppb
Lead	206-1	0.92	0.97	0.97	0.95	2.75	ppb
Lithium	6-1				95		%
Magnesium	24-2	480.29	480.92	482.24	481.15	0.21	ppb
Manganese	55-2	1.05	1.00	0.97	1.01	4.20	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:12:12	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5.02	4.92	4.84	4.93	1.88	ppb
Molybdenum	98-1	5.04	5.14	4.91	5.03	2.32	ppb
Molybdenum	94-1	5.01	5.01	5.01	5.01	0.07	ppb
Molybdenum	95-1	5.00	5.00	5.10	5.03	1.09	ppb
Molybdenum	96-1	4.97	4.87	5.05	4.96	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.09	1.15	1.14	4.07	ppb
Phosphorus	31-2	0.15	-7.56	1.53	-1.96		ppb
Potassium	39-2	476.58	468.49	475.31	473.46	0.92	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	6.06	5.20	5.35	5.53	8.30	ppb
Selenium	78-2	6.05	5.47	4.88	5.47	10.72	ppb
Selenium	82-1	4.48	4.74	5.21	4.81	7.72	ppb
Silicon	28-1	15.52	14.54	15.02	15.03	3.26	ppb
Silver	109-1	1.03	1.07	1.05	1.05	1.61	ppb
Silver	107-1	1.03	1.03	1.03	1.03	0.42	ppb
Sodium	23-2	487.38	490.95	493.36	490.56	0.61	ppb
Strontium	86-1	0.97	1.00	0.90	0.96	5.13	ppb
Strontium	88-1	0.98	0.98	0.99	0.98	0.56	ppb
Sulfur	34-1	-1449.88	-1466.89	-1544.36	-1487.04		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.99	0.95	0.99	0.98	2.45	ppb
Thallium	205-1	0.98	0.99	0.97	0.98	0.71	ppb
Thorium	232-1	0.90	0.91	0.89	0.90	1.48	ppb
Tin	118-1	5.22	5.07	5.11	5.13	1.45	ppb
Titanium	47-1	4.74	4.53	4.51	4.59	2.73	ppb
Uranium	238-1	0.92	0.90	0.93	0.92	1.89	ppb
Vanadium	51-2	4.80	4.73	4.65	4.72	1.68	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	2.20	2.11	2.21	2.18	2.47	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:12:12	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	1.00	0.98	0.99	1.38	ppb
Zirconium	91-1	0.99	0.90	1.01	0.97	5.80	ppb

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : PB112485BL Instrumnet Name : P7
 Client Sample ID : PB112485BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 14:15:46 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.72	0.91	0.72	0.78	14.38	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	10.79	ppb
Arsenic	75-2	0.10	0.00	-0.01	0.03	224.16	ppb
Barium	135-1	0.02	0.01	0.02	0.02	27.22	ppb
Barium	137-1	0.01	0.01	0.02	0.01	51.88	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	62.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	11-1	4.19	4.05	4.01	4.08	2.40	ppb
Boron	10-1	3.84	3.99	3.78	3.87	2.71	ppb
Cadmium	106-1	0.69	0.51	3.36	1.52	104.80	ppb
Cadmium	108-1	0.04	0.01	-0.03	0.01	399.03	ppb
Cadmium	111-1	0.05	0.05	0.26	0.12	100.91	ppb
Calcium	43-1	3.09	3.28	2.80	3.06	7.90	ppb
Calcium	44-1	2.68	2.40	2.30	2.46	7.96	ppb
Chromium	52-2	0.02	0.03	0.02	0.02	24.74	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1246.63	ppb
Copper	63-2	0.07	0.05	0.06	0.06	13.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	2.05	1.66	1.52	1.74	15.92	ppb
Iron	57-2	2.32	1.97	1.62	1.97	17.73	ppb
Lead	207-1	0.02	0.02	0.03	0.02	22.73	ppb
Lead	208-1	0.02	0.02	0.02	0.02	6.47	ppb
Lead	206-1	0.02	0.02	0.02	0.02	21.56	ppb
Lithium	6-1				95		%
Magnesium	24-2	2.64	2.83	1.97	2.48	18.32	ppb
Manganese	55-2	0.02	0.00	0.00	0.01	100.06	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	PB112485BL	Instrumnet Name :	P7
Client Sample ID :	PB112485BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:15:46	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.20	0.21	0.18	0.20	8.52	ppb
Molybdenum	98-1	0.19	0.22	0.20	0.20	5.99	ppb
Molybdenum	94-1	0.16	0.15	0.14	0.15	7.69	ppb
Molybdenum	95-1	0.19	0.22	0.21	0.21	8.71	ppb
Molybdenum	96-1	0.21	0.20	0.18	0.20	7.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.01	0.01	80.75	ppb
Phosphorus	31-2	-18.61	-10.03	0.62	-9.34		ppb
Potassium	39-2	9.83	9.58	9.66	9.69	1.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.45	0.22	0.22	100.07	ppb
Selenium	78-2	0.50	0.05	0.31	0.29	78.23	ppb
Selenium	82-1	-0.17	-0.32	0.09	-0.13		ppb
Silicon	28-1	-0.81	-0.48	-0.22	-0.50		ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.05	ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.21	ppb
Sodium	23-2	17.89	17.27	16.82	17.33	3.09	ppb
Strontium	86-1	-0.03	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	274.45	ppb
Sulfur	34-1	-1251.98	-1189.97	-1133.12	-1191.69		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.04	0.05	0.05	19.44	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.63	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.72	ppb
Tin	118-1	0.03	0.02	0.03	0.03	18.45	ppb
Titanium	47-1	0.02	0.05	0.05	0.04	43.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	73.98	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	99.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	0.10	-0.06	0.03	0.02	355.46	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	PB112485BL	Instrumnet Name :	P7
Client Sample ID :	PB112485BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:15:46	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	34.34	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	12.29	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	PB112485BS	Instrumnet Name :	P7
Client Sample ID :	PB112485BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:19:20	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9571.28	9473.61	9545.67	9530.19	0.53	ppb
Antimony	121-1	502.05	502.38	501.71	502.05	0.07	ppb
Arsenic	75-2	497.25	501.51	498.17	498.98	0.45	ppb
Barium	135-1	2480.12	2486.84	2453.27	2473.41	0.72	ppb
Barium	137-1	2480.59	2503.79	2480.66	2488.34	0.54	ppb
Beryllium	9-1	489.01	491.62	487.29	489.31	0.45	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	11-1	486.98	495.47	498.43	493.63	1.20	ppb
Boron	10-1	481.07	494.47	493.58	489.71	1.53	ppb
Cadmium	106-1	507.66	509.06	501.85	506.19	0.76	ppb
Cadmium	108-1	512.85	511.25	505.39	509.83	0.77	ppb
Cadmium	111-1	496.73	501.81	497.64	498.73	0.54	ppb
Calcium	43-1	46988.79	47283.69	47154.89	47142.46	0.31	ppb
Calcium	44-1	47257.42	47273.19	47252.93	47261.18	0.02	ppb
Chromium	52-2	490.23	487.80	483.09	487.04	0.75	ppb
Cobalt	59-2	495.39	492.53	487.76	491.89	0.78	ppb
Copper	63-2	991.85	994.45	976.73	987.68	0.97	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				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	24900.58	24927.30	24733.92	24853.93	0.42	ppb
Iron	57-2	24903.95	24959.19	24848.58	24903.91	0.22	ppb
Lead	207-1	487.14	489.30	492.21	489.55	0.52	ppb
Lead	208-1	487.88	491.86	489.49	489.74	0.41	ppb
Lead	206-1	492.26	491.67	491.67	491.86	0.07	ppb
Lithium	6-1				97		%
Magnesium	24-2	49695.62	49481.49	49719.29	49632.13	0.26	ppb
Manganese	55-2	987.31	992.09	977.26	985.55	0.77	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	PB112485BS	Instrumnet Name :	P7
Client Sample ID :	PB112485BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:19:20	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2433.50	2442.37	2457.55	2444.47	0.50	ppb
Molybdenum	98-1	2430.92	2433.32	2459.47	2441.24	0.65	ppb
Molybdenum	94-1	2451.36	2436.58	2457.28	2448.41	0.44	ppb
Molybdenum	95-1	2435.84	2436.72	2465.32	2445.96	0.69	ppb
Molybdenum	96-1	2429.67	2428.88	2446.94	2435.16	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.91	497.71	489.30	494.64	0.94	ppb
Phosphorus	31-2	10116.72	10104.95	9867.93	10029.87	1.40	ppb
Potassium	39-2	23684.44	23592.89	23378.45	23551.93	0.67	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	491.28	502.42	494.87	496.19	1.15	ppb
Selenium	78-2	504.70	506.71	511.48	507.63	0.69	ppb
Selenium	82-1	503.20	502.97	502.18	502.78	0.11	ppb
Silicon	28-1	521.95	527.21	523.55	524.24	0.51	ppb
Silver	109-1	509.92	513.45	512.39	511.92	0.35	ppb
Silver	107-1	510.98	513.62	507.57	510.72	0.59	ppb
Sodium	23-2	49388.61	49300.19	48882.88	49190.56	0.55	ppb
Strontium	86-1	480.30	485.17	486.83	484.10	0.70	ppb
Strontium	88-1	490.94	492.43	493.88	492.42	0.30	ppb
Sulfur	34-1	9103.31	8953.16	8727.64	8928.04	2.12	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	487.94	488.96	490.48	489.13	0.26	ppb
Thallium	205-1	487.05	492.21	494.20	491.15	0.75	ppb
Thorium	232-1	478.06	481.56	480.45	480.03	0.37	ppb
Tin	118-1	501.30	503.61	504.14	503.01	0.30	ppb
Titanium	47-1	2459.20	2459.92	2438.67	2452.60	0.49	ppb
Uranium	238-1	477.77	482.31	481.62	480.57	0.51	ppb
Vanadium	51-2	490.62	491.00	486.34	489.32	0.53	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1036.06	1037.65	1027.87	1033.86	0.51	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	PB112485BS	Instrumnet Name :	P7
Client Sample ID :	PB112485BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:19:20	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	489.90	490.37	492.18	490.82	0.25	ppb
Zirconium	91-1	494.65	491.41	496.66	494.24	0.54	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:22:56	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86.60	81.79	78.57	82.32	4.91	ppb
Antimony	121-1	0.42	0.48	0.53	0.48	11.94	ppb
Arsenic	75-2	0.83	0.74	0.74	0.77	6.62	ppb
Barium	135-1	8.96	9.11	9.14	9.07	1.04	ppb
Barium	137-1	9.03	8.87	9.06	8.98	1.15	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	7.52	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Boron	11-1	25.59	24.11	23.18	24.29	5.01	ppb
Boron	10-1	24.69	23.54	22.92	23.71	3.79	ppb
Cadmium	106-1	0.48	-0.57	-0.20	-0.10		ppb
Cadmium	108-1	0.10	0.16	0.06	0.11	46.83	ppb
Cadmium	111-1	0.06	-0.03	0.00	0.01	430.05	ppb
Calcium	43-1	3614.66	3622.91	3617.49	3618.35	0.12	ppb
Calcium	44-1	3632.89	3653.22	3660.11	3648.74	0.39	ppb
Chromium	52-2	0.40	0.38	0.36	0.38	5.41	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	14.30	ppb
Copper	63-2	39.66	39.21	39.40	39.42	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				116		%
Holmium	165-2				112		%
Indium	115-1				119		%
Indium	115-2				114		%
Iron	56-2	21.47	21.25	21.00	21.24	1.10	ppb
Iron	57-2	30.31	30.69	28.89	29.96	3.17	ppb
Lead	207-1	1.29	1.25	1.31	1.29	2.24	ppb
Lead	208-1	1.34	1.32	1.33	1.33	0.57	ppb
Lead	206-1	1.39	1.37	1.38	1.38	0.79	ppb
Lithium	6-1				113		%
Magnesium	24-2	1187.84	1155.94	1165.23	1169.67	1.40	ppb
Manganese	55-2	7.11	6.80	6.94	6.95	2.23	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:22:56	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1.77	1.55	1.43	1.58	10.69	ppb
Molybdenum	98-1	1.82	1.65	1.53	1.67	8.87	ppb
Molybdenum	94-1	1.37	1.30	1.22	1.29	5.55	ppb
Molybdenum	95-1	1.78	1.57	1.41	1.58	11.77	ppb
Molybdenum	96-1	1.75	1.60	1.40	1.59	11.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.29	1.31	1.27	4.71	ppb
Phosphorus	31-2	2566.48	2513.34	2596.25	2558.69	1.64	ppb
Potassium	39-2	28776.09	28115.02	28432.20	28441.10	1.16	ppb
Rhodium	103-1				115		%
Rhodium	103-2				112		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	77-2	0.21	0.82	0.83	0.62	57.77	ppb
Selenium	78-2	-0.35	-0.20	-0.41	-0.32		ppb
Selenium	82-1	-0.03	-0.16	-0.10	-0.10		ppb
Silicon	28-1	13876.13	13950.68	13964.99	13930.60	0.34	ppb
Silver	109-1	0.11	0.12	0.14	0.13	10.72	ppb
Silver	107-1	0.10	0.11	0.13	0.11	10.77	ppb
Sodium	23-2	30867.72	30323.92	30523.77	30571.80	0.90	ppb
Strontium	86-1	22.59	22.85	22.73	22.72	0.58	ppb
Strontium	88-1	22.86	22.87	22.94	22.89	0.19	ppb
Sulfur	34-1	758.19	949.88	1153.90	953.99	20.74	ppb
Terbium	159-1				117		%
Terbium	159-2				112		%
Thallium	203-1	0.21	0.17	0.14	0.18	20.27	ppb
Thallium	205-1	0.21	0.17	0.15	0.17	16.66	ppb
Thorium	232-1	0.13	0.12	0.11	0.12	9.04	ppb
Tin	118-1	1.39	1.44	1.39	1.41	1.94	ppb
Titanium	47-1	2.51	2.48	2.40	2.47	2.33	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	13.33	ppb
Vanadium	51-2	0.17	0.18	0.18	0.18	5.17	ppb
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	128.13	127.39	127.54	127.69	0.31	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:22:56	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.10	0.08	0.10	18.66	ppb
Zirconium	91-1	0.16	0.11	0.09	0.12	27.62	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-02	Instrumnet Name :	P7
Client Sample ID :	128-2-30-SEC-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.45	65.66	67.77	67.63	2.81	ppb
Antimony	121-1	0.22	0.24	0.26	0.24	9.17	ppb
Arsenic	75-2	0.24	0.33	0.35	0.31	19.77	ppb
Barium	135-1	10.08	10.73	10.03	10.28	3.83	ppb
Barium	137-1	10.20	10.13	10.00	10.11	0.99	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	41.52	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Boron	11-1	16.98	17.54	17.29	17.27	1.60	ppb
Boron	10-1	17.52	17.52	17.11	17.38	1.35	ppb
Cadmium	106-1	0.87	-0.01	-0.97	-0.03		ppb
Cadmium	108-1	-0.05	0.00	0.01	-0.01		ppb
Cadmium	111-1	0.08	0.01	-0.06	0.01	837.11	ppb
Calcium	43-1	5289.79	5289.24	5241.08	5273.37	0.53	ppb
Calcium	44-1	5248.02	5254.95	5250.01	5251.00	0.07	ppb
Chromium	52-2	0.17	0.20	0.20	0.19	7.72	ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	24.39	ppb
Copper	63-2	55.14	55.42	55.87	55.48	0.67	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				115		%
Holmium	165-2				111		%
Indium	115-1				121		%
Indium	115-2				113		%
Iron	56-2	21.16	21.52	21.25	21.31	0.88	ppb
Iron	57-2	35.11	34.11	34.46	34.56	1.47	ppb
Lead	207-1	0.25	0.23	0.25	0.24	5.46	ppb
Lead	208-1	0.25	0.24	0.24	0.25	2.17	ppb
Lead	206-1	0.27	0.24	0.24	0.25	5.48	ppb
Lithium	6-1				115		%
Magnesium	24-2	1457.93	1462.61	1447.93	1456.16	0.51	ppb
Manganese	55-2	8.20	8.35	8.29	8.28	0.94	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-02	Instrumnet Name :	P7
Client Sample ID :	128-2-30-SEC-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.45	0.47	0.45	0.46	2.43	ppb
Molybdenum	98-1	0.51	0.49	0.48	0.49	2.89	ppb
Molybdenum	94-1	0.43	0.39	0.42	0.41	4.73	ppb
Molybdenum	95-1	0.48	0.52	0.43	0.48	9.29	ppb
Molybdenum	96-1	0.51	0.45	0.47	0.48	6.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.45	0.48	0.46	3.48	ppb
Phosphorus	31-2	597.06	611.26	674.38	627.56	6.56	ppb
Potassium	39-2	3537.55	3558.94	3559.21	3551.90	0.35	ppb
Rhodium	103-1				117		%
Rhodium	103-2				113		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.21	0.41	0.21	100.17	ppb
Selenium	78-2	-0.32	-0.63	-0.55	-0.50		ppb
Selenium	82-1	-0.30	-0.12	0.05	-0.12		ppb
Silicon	28-1	1409.92	1413.30	1406.44	1409.89	0.24	ppb
Silver	109-1	0.12	0.13	0.14	0.13	7.29	ppb
Silver	107-1	0.12	0.11	0.14	0.12	11.05	ppb
Sodium	23-2	12011.84	12167.61	11964.23	12047.89	0.88	ppb
Strontium	86-1	30.04	29.64	29.56	29.75	0.88	ppb
Strontium	88-1	30.12	29.85	29.52	29.83	1.00	ppb
Sulfur	34-1	-2085.86	-2058.58	-2046.46	-2063.63		ppb
Terbium	159-1				117		%
Terbium	159-2				111		%
Thallium	203-1	0.05	0.05	0.07	0.06	14.78	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.35	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	3.54	ppb
Tin	118-1	0.63	0.60	0.57	0.60	5.05	ppb
Titanium	47-1	0.63	0.77	0.71	0.70	9.78	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.92	ppb
Vanadium	51-2	0.18	0.20	0.19	0.19	3.54	ppb
Yttrium	89-1				118		%
Yttrium	89-2				112		%
Zinc	66-2	30.13	30.98	30.65	30.59	1.40	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-02	Instrumnet Name :	P7
Client Sample ID :	128-2-30-SEC-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.06	0.05	0.05	8.61	ppb
Zirconium	91-1	0.05	0.06	0.04	0.05	15.62	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-03	Instrumnet Name :	P7
Client Sample ID :	128-3-3-MIN-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:30:08	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.60	77.95	73.38	74.98	3.44	ppb
Antimony	121-1	0.22	0.25	0.25	0.24	9.14	ppb
Arsenic	75-2	0.27	0.22	0.23	0.24	10.06	ppb
Barium	135-1	12.68	13.24	13.37	13.10	2.77	ppb
Barium	137-1	12.95	13.12	12.65	12.91	1.86	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	50.54	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	11-1	14.53	14.96	14.19	14.56	2.64	ppb
Boron	10-1	13.86	15.29	14.26	14.47	5.11	ppb
Cadmium	106-1	-0.45	-0.08	1.16	0.21	407.19	ppb
Cadmium	108-1	-0.02	0.10	-0.04	0.01	632.69	ppb
Cadmium	111-1	-0.03	0.00	0.10	0.03	256.85	ppb
Calcium	43-1	5503.66	5580.39	5611.78	5565.27	1.00	ppb
Calcium	44-1	5545.80	5525.46	5551.35	5540.87	0.25	ppb
Chromium	52-2	0.15	0.16	0.15	0.16	4.51	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	11.42	ppb
Copper	63-2	49.34	49.70	49.77	49.60	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				120		%
Indium	115-2				113		%
Iron	56-2	14.11	13.65	14.76	14.17	3.96	ppb
Iron	57-2	28.01	28.96	26.34	27.77	4.77	ppb
Lead	207-1	0.68	0.68	0.68	0.68	0.15	ppb
Lead	208-1	0.70	0.70	0.70	0.70	0.32	ppb
Lead	206-1	0.71	0.72	0.69	0.71	1.76	ppb
Lithium	6-1				115		%
Magnesium	24-2	1284.53	1279.65	1267.33	1277.17	0.69	ppb
Manganese	55-2	8.25	8.37	8.36	8.33	0.80	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-03	Instrumnet Name :	P7
Client Sample ID :	128-3-3-MIN-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:30:08	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.28	0.26	0.29	0.28	4.86	ppb
Molybdenum	98-1	0.29	0.26	0.27	0.27	3.93	ppb
Molybdenum	94-1	0.51	0.24	0.27	0.34	43.88	ppb
Molybdenum	95-1	0.32	0.33	0.30	0.32	4.60	ppb
Molybdenum	96-1	0.28	0.29	0.30	0.29	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.04	1.01	1.05	4.60	ppb
Phosphorus	31-2	456.74	436.92	427.18	440.28	3.42	ppb
Potassium	39-2	1744.42	1746.43	1721.91	1737.59	0.78	ppb
Rhodium	103-1				117		%
Rhodium	103-2				112		%
Scandium	45-1				118		%
Scandium	45-2				113		%
Selenium	77-2	0.21	0.21	0.21	0.21	0.93	ppb
Selenium	78-2	-0.48	-0.44	-0.10	-0.34		ppb
Selenium	82-1	-0.26	-0.39	-0.14	-0.26		ppb
Silicon	28-1	1000.91	1013.05	1007.92	1007.29	0.60	ppb
Silver	109-1	0.11	0.12	0.13	0.12	5.06	ppb
Silver	107-1	0.11	0.13	0.12	0.12	5.86	ppb
Sodium	23-2	11447.16	11417.30	11415.31	11426.59	0.16	ppb
Strontium	86-1	24.16	24.38	24.66	24.40	1.02	ppb
Strontium	88-1	24.59	24.85	24.98	24.81	0.82	ppb
Sulfur	34-1	-1943.92	-1768.51	-1617.26	-1776.56		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.03	0.03	0.03	14.73	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	9.21	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	3.91	ppb
Tin	118-1	0.95	0.91	4.65	2.17	98.95	ppb
Titanium	47-1	0.50	0.55	0.70	0.58	17.51	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	31.63	ppb
Vanadium	51-2	0.19	0.15	0.15	0.16	14.11	ppb
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	37.03	36.60	37.69	37.11	1.48	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-03	Instrumnet Name :	P7
Client Sample ID :	128-3-3-MIN-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:30:08	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.03	0.03	8.58	ppb
Zirconium	91-1	0.04	0.05	0.02	0.04	37.09	ppb

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : J4711-01DUP Instrumnet Name : P7
 Client Sample ID : 128-1-FIRST-DRAWDUP Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 14:33:43 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.02	80.65	79.63	80.77	1.49	ppb
Antimony	121-1	0.33	0.32	0.37	0.34	8.54	ppb
Arsenic	75-2	0.67	0.81	0.78	0.75	9.23	ppb
Barium	135-1	9.03	9.23	9.19	9.15	1.16	ppb
Barium	137-1	9.19	9.14	9.06	9.13	0.69	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	17.17	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	11-1	14.33	13.84	14.06	14.08	1.73	ppb
Boron	10-1	14.36	13.85	13.86	14.02	2.06	ppb
Cadmium	106-1	0.60	-0.26	0.36	0.23	190.01	ppb
Cadmium	108-1	0.06	0.00	-0.02	0.01	330.43	ppb
Cadmium	111-1	0.05	-0.01	0.04	0.03	109.95	ppb
Calcium	43-1	3619.22	3605.76	3648.31	3624.43	0.60	ppb
Calcium	44-1	3657.70	3646.45	3655.82	3653.32	0.17	ppb
Chromium	52-2	0.40	0.32	0.31	0.34	14.58	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	14.51	ppb
Copper	63-2	39.13	38.74	39.22	39.03	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				117		%
Indium	115-2				109		%
Iron	56-2	20.36	20.00	20.34	20.24	1.01	ppb
Iron	57-2	27.61	29.35	28.97	28.65	3.20	ppb
Lead	207-1	1.21	1.17	1.27	1.22	4.29	ppb
Lead	208-1	1.25	1.24	1.27	1.25	1.21	ppb
Lead	206-1	1.31	1.28	1.31	1.30	1.12	ppb
Lithium	6-1				114		%
Magnesium	24-2	1156.98	1148.87	1153.08	1152.98	0.35	ppb
Manganese	55-2	6.84	6.81	6.95	6.86	1.05	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01DUP	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:33:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.28	0.25	0.29	0.27	8.87	ppb
Molybdenum	98-1	0.28	0.28	0.30	0.28	3.55	ppb
Molybdenum	94-1	0.27	0.26	0.26	0.26	3.21	ppb
Molybdenum	95-1	0.28	0.29	0.29	0.29	2.90	ppb
Molybdenum	96-1	0.30	0.30	0.28	0.29	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.20	1.17	1.22	4.76	ppb
Phosphorus	31-2	2568.75	2451.62	2514.12	2511.50	2.33	ppb
Potassium	39-2	28472.82	28271.29	28299.86	28347.99	0.38	ppb
Rhodium	103-1				114		%
Rhodium	103-2				109		%
Scandium	45-1				116		%
Scandium	45-2				112		%
Selenium	77-2	0.42	0.00	0.21	0.21	99.97	ppb
Selenium	78-2	-0.22	0.04	-0.60	-0.26		ppb
Selenium	82-1	-0.09	-0.11	-0.27	-0.16		ppb
Silicon	28-1	13996.42	13891.53	14120.10	14002.68	0.82	ppb
Silver	109-1	0.10	0.11	0.11	0.11	6.63	ppb
Silver	107-1	0.11	0.11	0.12	0.11	4.74	ppb
Sodium	23-2	30391.26	30441.25	30384.46	30405.66	0.10	ppb
Strontium	86-1	22.91	22.62	22.91	22.81	0.72	ppb
Strontium	88-1	22.96	22.52	22.66	22.71	0.98	ppb
Sulfur	34-1	1208.08	1126.05	1331.74	1221.96	8.47	ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.85	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.40	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	0.49	ppb
Tin	118-1	1.33	1.41	1.25	1.33	5.70	ppb
Titanium	47-1	2.36	2.29	2.47	2.38	3.69	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	60.79	ppb
Vanadium	51-2	0.26	0.24	0.26	0.25	5.50	ppb
Yttrium	89-1				117		%
Yttrium	89-2				109		%
Zinc	66-2	128.00	126.16	127.36	127.17	0.73	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01DUP	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:33:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.04	0.04	2.68	ppb
Zirconium	91-1	0.04	0.05	0.07	0.05	24.27	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01LX5	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-30 14:37:20	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.40	15.37	15.78	15.85	3.29	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	7.86	ppb
Arsenic	75-2	0.15	0.17	0.10	0.14	24.90	ppb
Barium	135-1	1.90	1.94	1.91	1.92	1.23	ppb
Barium	137-1	1.80	1.78	1.80	1.79	0.44	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	129.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	11-1	5.78	5.93	5.69	5.80	2.05	ppb
Boron	10-1	5.91	5.75	5.52	5.73	3.42	ppb
Cadmium	106-1	1.13	-1.28	-0.65	-0.27		ppb
Cadmium	108-1	0.01	0.03	-0.02	0.01	263.98	ppb
Cadmium	111-1	0.09	-0.09	-0.04	-0.01		ppb
Calcium	43-1	772.08	751.84	754.38	759.43	1.45	ppb
Calcium	44-1	740.19	747.23	747.92	745.11	0.57	ppb
Chromium	52-2	0.10	0.07	0.11	0.10	22.62	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	8.20	8.12	8.17	8.16	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	5.17	5.03	4.98	5.06	1.96	ppb
Iron	57-2	6.82	6.50	6.41	6.58	3.29	ppb
Lead	207-1	0.26	0.28	0.31	0.28	9.97	ppb
Lead	208-1	0.30	0.30	0.30	0.30	0.70	ppb
Lead	206-1	0.33	0.32	0.29	0.31	6.12	ppb
Lithium	6-1				98		%
Magnesium	24-2	235.24	234.17	232.53	233.98	0.58	ppb
Manganese	55-2	1.49	1.47	1.44	1.47	1.71	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01LX5	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-30 14:37:20	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.16	0.17	0.15	0.16	5.05	ppb
Molybdenum	98-1	0.16	0.15	0.17	0.16	5.59	ppb
Molybdenum	94-1	0.12	0.18	0.12	0.14	24.98	ppb
Molybdenum	95-1	0.15	0.18	0.16	0.17	6.71	ppb
Molybdenum	96-1	0.18	0.16	0.16	0.17	6.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.40	0.37	0.38	6.34	ppb
Phosphorus	31-2	486.45	517.36	492.56	498.79	3.28	ppb
Potassium	39-2	5603.41	5619.94	5649.47	5624.27	0.41	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	0.70	0.23	0.00	0.31	114.33	ppb
Selenium	78-2	0.45	-0.86	0.11	-0.10		ppb
Selenium	82-1	0.04	-0.45	0.15	-0.09		ppb
Silicon	28-1	2724.18	2766.27	2753.06	2747.84	0.78	ppb
Silver	109-1	0.04	0.05	0.04	0.04	4.96	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.08	ppb
Sodium	23-2	6037.67	6039.18	6082.77	6053.20	0.42	ppb
Strontium	86-1	4.57	4.49	4.39	4.48	1.94	ppb
Strontium	88-1	4.56	4.58	4.55	4.56	0.42	ppb
Sulfur	34-1	-1936.03	-1831.73	-1833.27	-1867.01		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	12.94	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.84	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	8.68	ppb
Tin	118-1	0.33	0.33	0.29	0.32	7.27	ppb
Titanium	47-1	0.49	0.50	0.56	0.52	7.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	86.65	ppb
Vanadium	51-2	0.07	0.08	0.09	0.08	13.40	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	30.10	30.49	30.72	30.44	1.03	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01LX5	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-30 14:37:20	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	83.04	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	241.82	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MS	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:40:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1942.47	1937.17	1958.51	1946.05	0.57	ppb
Antimony	121-1	827.25	822.27	819.05	822.86	0.50	ppb
Arsenic	75-2	826.00	835.12	833.49	831.54	0.58	ppb
Barium	135-1	216.22	218.50	216.68	217.13	0.56	ppb
Barium	137-1	215.09	216.99	217.13	216.40	0.53	ppb
Beryllium	9-1	198.07	200.14	197.25	198.49	0.75	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	11-1	318.25	323.20	325.92	322.45	1.21	ppb
Boron	10-1	308.50	315.47	317.08	313.68	1.45	ppb
Cadmium	106-1	171.84	174.73	173.58	173.38	0.84	ppb
Cadmium	108-1	192.32	187.08	192.14	190.51	1.56	ppb
Cadmium	111-1	214.49	214.04	212.16	213.56	0.58	ppb
Calcium	43-1	4703.95	4739.20	4794.24	4745.80	0.96	ppb
Calcium	44-1	4715.69	4721.18	4761.23	4732.70	0.53	ppb
Chromium	52-2	393.51	398.64	395.17	395.78	0.66	ppb
Cobalt	59-2	202.96	202.17	203.11	202.75	0.25	ppb
Copper	63-2	349.98	352.56	352.46	351.67	0.42	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				112		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	56-2	3074.40	3096.58	3074.24	3081.74	0.42	ppb
Iron	57-2	3090.24	3092.53	3114.49	3099.09	0.43	ppb
Lead	207-1	973.66	965.89	974.73	971.43	0.50	ppb
Lead	208-1	984.11	980.38	991.91	985.47	0.60	ppb
Lead	206-1	1000.56	993.81	1002.12	998.83	0.44	ppb
Lithium	6-1				112		%
Magnesium	24-2	3184.88	3198.60	3215.81	3199.76	0.48	ppb
Manganese	55-2	203.35	204.14	204.84	204.11	0.37	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MS	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:40:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	387.47	394.83	390.72	391.01	0.94	ppb
Molybdenum	98-1	396.38	398.66	393.83	396.29	0.61	ppb
Molybdenum	94-1	272.49	275.46	273.54	273.83	0.55	ppb
Molybdenum	95-1	395.19	397.13	393.64	395.32	0.44	ppb
Molybdenum	96-1	381.24	382.49	379.24	380.99	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.75	519.06	517.29	517.36	0.32	ppb
Phosphorus	31-2	8549.36	8641.28	8618.94	8603.19	0.56	ppb
Potassium	39-2	38244.91	38638.16	38420.69	38434.58	0.51	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	77-2	2233.07	2217.71	2209.04	2219.94	0.55	ppb
Selenium	78-2	2236.63	2254.55	2259.47	2250.22	0.53	ppb
Selenium	82-1	2210.77	2238.51	2231.00	2226.76	0.64	ppb
Silicon	28-1	15322.12	15230.72	15291.38	15281.41	0.30	ppb
Silver	109-1	76.75	77.46	77.07	77.10	0.46	ppb
Silver	107-1	76.29	76.38	76.41	76.36	0.08	ppb
Sodium	23-2	33856.55	34077.66	34244.67	34059.63	0.57	ppb
Strontium	86-1	219.82	219.69	222.70	220.74	0.77	ppb
Strontium	88-1	221.44	220.55	221.31	221.10	0.22	ppb
Sulfur	34-1	1229.27	1234.30	1346.09	1269.89	5.20	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	1959.92	1960.54	1970.12	1963.53	0.29	ppb
Thallium	205-1	1988.85	1961.52	1966.02	1972.13	0.74	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	4.91	ppb
Tin	118-1	733.70	728.99	723.18	728.62	0.72	ppb
Titanium	47-1	207.07	206.24	206.97	206.76	0.22	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.48	ppb
Vanadium	51-2	297.01	298.47	296.31	297.26	0.37	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	351.60	356.48	354.26	354.12	0.69	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MS	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:40:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.20	0.17	0.20	14.71	ppb
Zirconium	91-1	0.46	0.42	0.39	0.42	8.93	ppb

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : J4711-01MSD Instrumnet Name : P7
 Client Sample ID : 128-1-FIRST-DRAWMSC Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 14:44:33 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1915.72	1884.60	1896.77	1899.03	0.83	ppb
Antimony	121-1	784.34	773.50	772.48	776.77	0.85	ppb
Arsenic	75-2	814.92	810.86	813.25	813.01	0.25	ppb
Barium	135-1	213.78	212.01	212.81	212.87	0.42	ppb
Barium	137-1	213.48	212.46	212.01	212.65	0.35	ppb
Beryllium	9-1	193.19	190.49	191.91	191.86	0.70	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	11-1	314.84	323.32	323.74	320.63	1.57	ppb
Boron	10-1	308.14	316.76	317.33	314.07	1.64	ppb
Cadmium	106-1	171.92	171.26	170.54	171.24	0.40	ppb
Cadmium	108-1	188.74	186.21	186.74	187.23	0.71	ppb
Cadmium	111-1	209.71	208.14	209.31	209.05	0.39	ppb
Calcium	43-1	4688.14	4686.86	4794.57	4723.19	1.31	ppb
Calcium	44-1	4696.25	4627.39	4656.13	4659.92	0.74	ppb
Chromium	52-2	387.96	386.07	383.48	385.83	0.58	ppb
Cobalt	59-2	200.25	198.21	197.76	198.74	0.67	ppb
Copper	63-2	349.18	345.35	343.54	346.02	0.83	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				104		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	3020.01	2997.67	2985.55	3001.08	0.58	ppb
Iron	57-2	3057.65	3018.62	3016.87	3031.05	0.76	ppb
Lead	207-1	944.81	947.54	948.98	947.11	0.22	ppb
Lead	208-1	957.26	952.92	961.76	957.32	0.46	ppb
Lead	206-1	971.18	972.95	978.81	974.31	0.41	ppb
Lithium	6-1				110		%
Magnesium	24-2	3182.64	3142.42	3138.65	3154.57	0.77	ppb
Manganese	55-2	199.21	200.12	198.15	199.16	0.49	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MSD	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMSC	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:44:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	366.01	362.88	370.62	366.51	1.06	ppb
Molybdenum	98-1	372.06	364.88	373.72	370.22	1.27	ppb
Molybdenum	94-1	260.45	256.60	257.94	258.33	0.76	ppb
Molybdenum	95-1	372.30	363.83	367.18	367.77	1.16	ppb
Molybdenum	96-1	359.50	351.59	355.84	355.65	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.97	506.19	503.68	506.28	0.52	ppb
Phosphorus	31-2	8543.12	8388.25	8394.24	8441.87	1.04	ppb
Potassium	39-2	38111.01	38335.12	37847.37	38097.83	0.64	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	2171.68	2170.47	2180.36	2174.17	0.25	ppb
Selenium	78-2	2212.70	2189.17	2201.46	2201.11	0.53	ppb
Selenium	82-1	2178.60	2139.28	2183.65	2167.17	1.12	ppb
Silicon	28-1	15206.80	15073.72	15162.30	15147.61	0.45	ppb
Silver	109-1	76.05	75.12	75.59	75.58	0.62	ppb
Silver	107-1	75.44	74.41	74.55	74.80	0.74	ppb
Sodium	23-2	33980.70	33945.85	33750.86	33892.47	0.37	ppb
Strontium	86-1	215.73	214.03	216.70	215.49	0.63	ppb
Strontium	88-1	217.31	214.74	214.82	215.62	0.68	ppb
Sulfur	34-1	1191.89	1231.52	1253.78	1225.73	2.56	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	1909.29	1898.57	1917.48	1908.45	0.50	ppb
Thallium	205-1	1915.63	1909.64	1912.88	1912.72	0.16	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	5.43	ppb
Tin	118-1	697.59	679.15	689.79	688.85	1.34	ppb
Titanium	47-1	193.94	193.71	195.03	194.23	0.36	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.30	ppb
Vanadium	51-2	291.26	290.00	288.49	289.92	0.48	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	343.74	344.16	340.05	342.65	0.66	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MSD	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMSC	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:44:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.13	0.11	0.12	6.89	ppb
Zirconium	91-1	0.35	0.36	0.39	0.37	4.97	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:48:49	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51254.67	51482.99	51533.73	51423.80	0.29	ppb
Antimony	121-1	495.31	498.59	501.26	498.39	0.60	ppb
Arsenic	75-2	482.50	491.84	483.17	485.83	1.07	ppb
Barium	135-1	2484.71	2503.57	2508.47	2498.92	0.50	ppb
Barium	137-1	2500.67	2507.45	2514.12	2507.42	0.27	ppb
Beryllium	9-1	491.46	492.17	495.25	492.96	0.41	ppb
Bismuth	209-1				92		%
Bismuth	209-2				86		%
Boron	11-1	493.10	513.92	515.80	507.61	2.48	ppb
Boron	10-1	494.67	512.41	519.49	508.86	2.51	ppb
Cadmium	106-1	495.32	497.30	508.05	500.22	1.37	ppb
Cadmium	108-1	496.89	488.97	496.35	494.07	0.89	ppb
Cadmium	111-1	477.88	478.04	479.36	478.43	0.17	ppb
Calcium	43-1	236877.41	236539.82	237646.43	237021.22	0.24	ppb
Calcium	44-1	236809.70	235031.99	237517.41	236453.04	0.54	ppb
Chromium	52-2	503.99	498.71	503.68	502.13	0.59	ppb
Cobalt	59-2	494.83	489.58	492.85	492.42	0.54	ppb
Copper	63-2	949.50	941.40	945.25	945.39	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	125023.91	123771.77	124159.44	124318.37	0.52	ppb
Iron	57-2	125690.20	124028.37	125049.23	124922.60	0.67	ppb
Lead	207-1	509.84	508.19	507.44	508.49	0.24	ppb
Lead	208-1	509.80	509.45	505.78	508.34	0.44	ppb
Lead	206-1	515.94	513.63	509.23	512.93	0.66	ppb
Lithium	6-1				95		%
Magnesium	24-2	248378.12	247518.84	247834.10	247910.35	0.18	ppb
Manganese	55-2	996.14	985.33	990.03	990.50	0.55	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:48:49	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2491.30	2496.64	2470.88	2486.27	0.55	ppb
Molybdenum	98-1	2515.61	2479.77	2478.03	2491.14	0.85	ppb
Molybdenum	94-1	2507.32	2484.16	2491.56	2494.34	0.47	ppb
Molybdenum	95-1	2484.04	2485.22	2482.51	2483.93	0.05	ppb
Molybdenum	96-1	2492.37	2481.05	2472.91	2482.11	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.89	488.73	490.16	490.93	0.54	ppb
Phosphorus	31-2	9874.10	10018.13	9729.30	9873.84	1.46	ppb
Potassium	39-2	120387.20	120384.79	120202.77	120324.92	0.09	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	474.71	471.39	481.95	476.02	1.13	ppb
Selenium	78-2	469.62	480.62	468.30	472.85	1.43	ppb
Selenium	82-1	474.46	469.58	469.96	471.33	0.58	ppb
Silicon	28-1	535.95	538.48	537.13	537.19	0.24	ppb
Silver	109-1	490.30	486.29	490.74	489.11	0.50	ppb
Silver	107-1	490.42	488.54	492.83	490.60	0.44	ppb
Sodium	23-2	250166.23	247058.34	248902.53	248709.03	0.63	ppb
Strontium	86-1	493.14	493.11	496.38	494.21	0.38	ppb
Strontium	88-1	501.15	500.46	499.60	500.41	0.15	ppb
Sulfur	34-1	9954.42	10065.72	9977.10	9999.08	0.59	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	515.07	512.38	512.27	513.24	0.31	ppb
Thallium	205-1	515.09	516.09	507.76	512.98	0.89	ppb
Thorium	232-1	512.40	514.21	510.49	512.37	0.36	ppb
Tin	118-1	501.15	506.38	504.59	504.04	0.53	ppb
Titanium	47-1	2497.88	2495.74	2500.46	2498.03	0.09	ppb
Uranium	238-1	512.62	518.93	507.76	513.10	1.09	ppb
Vanadium	51-2	498.12	494.36	497.99	496.82	0.43	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	926.36	914.36	924.67	921.80	0.70	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:48:49	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.43	499.45	502.23	500.70	0.28	ppb
Zirconium	91-1	504.27	501.19	502.54	502.66	0.31	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:58:42	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.09	0.23	0.24	64.42	ppb
Antimony	121-1	0.10	0.12	0.10	0.11	8.78	ppb
Arsenic	75-2	0.02	0.02	0.03	0.02	15.81	ppb
Barium	135-1	0.01	0.00	0.02	0.01	111.04	ppb
Barium	137-1	0.00	0.00	0.01	0.00	216.76	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	60.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	11-1	7.11	6.96	6.95	7.01	1.30	ppb
Boron	10-1	6.93	6.38	6.90	6.74	4.54	ppb
Cadmium	106-1	0.32	-0.10	0.04	0.08	255.38	ppb
Cadmium	108-1	-0.06	-0.02	-0.01	-0.03		ppb
Cadmium	111-1	0.03	0.00	0.01	0.01	136.56	ppb
Calcium	43-1	1.89	2.76	-0.23	1.47	104.61	ppb
Calcium	44-1	-0.24	0.60	0.18	0.18	238.16	ppb
Chromium	52-2	0.01	0.02	0.01	0.01	45.93	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.10	0.10	0.08	0.09	13.03	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				109		%
Indium	115-2				105		%
Iron	56-2	0.64	0.70	0.66	0.66	4.37	ppb
Iron	57-2	0.99	0.81	0.28	0.70	53.18	ppb
Lead	207-1	0.03	0.04	0.04	0.04	20.25	ppb
Lead	208-1	0.03	0.04	0.04	0.04	12.24	ppb
Lead	206-1	0.03	0.03	0.04	0.03	14.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.03	0.90	1.70	1.21	35.52	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	24.39	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:58:42	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.34	0.35	0.30	0.33	7.92	ppb
Molybdenum	98-1	0.34	0.32	0.28	0.31	9.25	ppb
Molybdenum	94-1	0.27	0.24	0.21	0.24	12.24	ppb
Molybdenum	95-1	0.32	0.29	0.26	0.29	10.26	ppb
Molybdenum	96-1	0.34	0.32	0.29	0.32	7.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	320.41	ppb
Phosphorus	31-2	-21.24	-9.61	-10.50	-13.78		ppb
Potassium	39-2	1.33	0.31	1.20	0.95	58.66	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.10	-0.30	-0.29	-0.16		ppb
Selenium	82-1	-0.42	-0.19	-0.63	-0.41		ppb
Silicon	28-1	-2.10	-1.89	-2.29	-2.09		ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.84	ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.53	ppb
Sodium	23-2	16.29	16.38	15.64	16.10	2.51	ppb
Strontium	86-1	-0.07	0.02	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	20.60	ppb
Sulfur	34-1	-1223.38	-1137.69	-1178.79	-1179.96		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.06	0.07	0.06	19.79	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.08	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	5.06	ppb
Tin	118-1	0.07	0.06	0.02	0.05	49.70	ppb
Titanium	47-1	0.04	0.05	0.02	0.04	39.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	69.79	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	-0.08	0.01	0.15	0.03	419.22	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:58:42	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	32.14	ppb
Zirconium	91-1	0.01	0.01	0.00	0.00	128.50	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01A	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:02:16	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1927.12	1923.58	1921.09	1923.93	0.16	ppb
Antimony	121-1	799.03	793.82	806.98	799.94	0.83	ppb
Arsenic	75-2	817.72	823.65	825.90	822.43	0.51	ppb
Barium	135-1	211.86	211.25	215.23	212.78	1.01	ppb
Barium	137-1	211.44	211.92	217.11	213.49	1.47	ppb
Beryllium	9-1	198.21	195.77	196.02	196.67	0.68	ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Boron	11-1	310.48	317.03	324.95	317.49	2.28	ppb
Boron	10-1	306.34	312.36	319.48	312.73	2.10	ppb
Cadmium	106-1	170.45	171.86	177.43	173.25	2.13	ppb
Cadmium	108-1	186.90	186.53	188.61	187.35	0.59	ppb
Cadmium	111-1	208.67	208.85	210.11	209.21	0.38	ppb
Calcium	43-1	4690.68	4734.96	4766.42	4730.69	0.80	ppb
Calcium	44-1	4692.80	4717.62	4711.62	4707.35	0.28	ppb
Chromium	52-2	392.11	389.78	393.49	391.80	0.48	ppb
Cobalt	59-2	199.44	198.90	201.34	199.89	0.64	ppb
Copper	63-2	345.62	347.29	348.51	347.14	0.42	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				118		%
Holmium	165-2				112		%
Indium	115-1				120		%
Indium	115-2				112		%
Iron	56-2	3061.47	3032.34	3055.91	3049.91	0.51	ppb
Iron	57-2	3101.92	3075.22	3081.40	3086.18	0.45	ppb
Lead	207-1	956.65	961.07	962.05	959.92	0.30	ppb
Lead	208-1	970.99	971.20	975.08	972.42	0.24	ppb
Lead	206-1	981.14	981.64	987.97	983.58	0.39	ppb
Lithium	6-1				117		%
Magnesium	24-2	3170.69	3188.37	3168.26	3175.77	0.35	ppb
Manganese	55-2	201.53	202.81	203.39	202.58	0.47	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01A	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:02:16	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	377.45	379.15	377.87	378.16	0.23	ppb
Molybdenum	98-1	381.64	381.88	384.16	382.56	0.36	ppb
Molybdenum	94-1	265.84	265.93	266.79	266.19	0.20	ppb
Molybdenum	95-1	384.66	384.04	380.23	382.97	0.63	ppb
Molybdenum	96-1	369.46	370.75	369.08	369.77	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.32	509.46	513.12	511.64	0.38	ppb
Phosphorus	31-2	8492.88	8506.79	8378.82	8459.50	0.83	ppb
Potassium	39-2	38302.69	38061.61	38464.93	38276.41	0.53	ppb
Rhodium	103-1				117		%
Rhodium	103-2				113		%
Scandium	45-1				120		%
Scandium	45-2				116		%
Selenium	77-2	2163.67	2190.51	2199.70	2184.63	0.86	ppb
Selenium	78-2	2190.99	2230.78	2228.83	2216.86	1.01	ppb
Selenium	82-1	2181.44	2190.13	2192.33	2187.97	0.26	ppb
Silicon	28-1	15197.52	15189.14	15248.73	15211.80	0.21	ppb
Silver	109-1	74.98	75.25	75.90	75.38	0.62	ppb
Silver	107-1	74.76	74.83	75.35	74.98	0.43	ppb
Sodium	23-2	33995.66	33502.22	33810.03	33769.31	0.74	ppb
Strontium	86-1	216.11	215.66	217.23	216.34	0.37	ppb
Strontium	88-1	218.91	219.16	218.41	218.82	0.17	ppb
Sulfur	34-1	1330.24	1181.11	1111.70	1207.69	9.25	ppb
Terbium	159-1				119		%
Terbium	159-2				113		%
Thallium	203-1	1943.93	1926.36	1959.64	1943.31	0.86	ppb
Thallium	205-1	1952.47	1943.00	1939.71	1945.06	0.34	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	4.26	ppb
Tin	118-1	707.18	695.29	707.80	703.42	1.00	ppb
Titanium	47-1	198.18	200.54	200.35	199.69	0.66	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.45	ppb
Vanadium	51-2	291.80	293.47	294.64	293.30	0.49	ppb
Yttrium	89-1				120		%
Yttrium	89-2				114		%
Zinc	66-2	343.17	348.44	348.42	346.67	0.88	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01A	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:02:16	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.26	0.22	0.26	18.48	ppb
Zirconium	91-1	0.60	0.53	0.48	0.53	11.92	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:05:54	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51553.74	51691.83	52029.87	51758.48	0.47	ppb
Antimony	121-1	498.32	499.27	508.25	501.95	1.09	ppb
Arsenic	75-2	481.30	485.65	486.50	484.48	0.58	ppb
Barium	135-1	2489.29	2501.85	2540.44	2510.53	1.06	ppb
Barium	137-1	2490.19	2496.76	2534.84	2507.26	0.96	ppb
Beryllium	9-1	492.75	486.49	489.67	489.64	0.64	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Boron	11-1	497.43	510.32	521.01	509.59	2.32	ppb
Boron	10-1	491.30	500.06	511.51	500.96	2.02	ppb
Cadmium	106-1	489.59	493.34	505.78	496.24	1.71	ppb
Cadmium	108-1	491.23	494.55	504.75	496.84	1.42	ppb
Cadmium	111-1	475.73	479.98	482.94	479.55	0.76	ppb
Calcium	43-1	238012.09	236281.04	240016.36	238103.17	0.79	ppb
Calcium	44-1	237216.56	235833.45	238728.19	237259.40	0.61	ppb
Chromium	52-2	496.88	499.75	497.30	497.98	0.31	ppb
Cobalt	59-2	486.22	490.13	491.13	489.16	0.53	ppb
Copper	63-2	944.52	943.00	944.26	943.92	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	123689.26	124288.44	124811.69	124263.13	0.45	ppb
Iron	57-2	124095.79	124731.48	124662.66	124496.65	0.28	ppb
Lead	207-1	507.83	510.89	513.98	510.90	0.60	ppb
Lead	208-1	509.19	511.16	514.87	511.74	0.56	ppb
Lead	206-1	513.77	514.99	518.58	515.78	0.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	248025.65	248720.39	249852.46	248866.17	0.37	ppb
Manganese	55-2	984.35	994.86	990.70	989.97	0.53	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:05:54	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2512.57	2487.29	2510.24	2503.37	0.56	ppb
Molybdenum	98-1	2504.24	2483.45	2522.52	2503.40	0.78	ppb
Molybdenum	94-1	2514.62	2479.69	2499.26	2497.85	0.70	ppb
Molybdenum	95-1	2525.68	2491.98	2490.08	2502.58	0.80	ppb
Molybdenum	96-1	2512.86	2499.86	2496.13	2502.95	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.03	487.62	489.05	486.90	0.53	ppb
Phosphorus	31-2	9940.32	9896.27	9735.08	9857.22	1.10	ppb
Potassium	39-2	118456.37	120790.65	121032.49	120093.17	1.18	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	429.41	473.62	469.49	457.51	5.34	ppb
Selenium	78-2	471.99	483.59	478.48	478.02	1.22	ppb
Selenium	82-1	470.91	472.88	472.53	472.11	0.22	ppb
Silicon	28-1	535.77	536.96	550.78	541.17	1.54	ppb
Silver	109-1	487.77	490.01	494.42	490.73	0.69	ppb
Silver	107-1	488.51	488.19	494.22	490.31	0.69	ppb
Sodium	23-2	248240.65	250448.18	250159.90	249616.24	0.48	ppb
Strontium	86-1	496.67	491.50	500.34	496.17	0.90	ppb
Strontium	88-1	502.03	497.76	502.47	500.75	0.52	ppb
Sulfur	34-1	9899.97	9700.73	10030.46	9877.06	1.68	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	514.30	516.34	523.06	517.90	0.88	ppb
Thallium	205-1	514.93	516.84	521.27	517.68	0.63	ppb
Thorium	232-1	512.28	508.88	522.87	514.68	1.42	ppb
Tin	118-1	504.02	502.60	512.92	506.52	1.10	ppb
Titanium	47-1	2499.13	2493.33	2519.15	2503.87	0.54	ppb
Uranium	238-1	515.28	510.18	526.83	517.43	1.65	ppb
Vanadium	51-2	492.26	498.89	499.46	496.87	0.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	914.63	928.33	925.09	922.69	0.78	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:05:54	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.27	497.05	505.57	501.63	0.86	ppb
Zirconium	91-1	505.93	498.90	508.22	504.35	0.96	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:14:47	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	0.51	0.74	0.62	18.71	ppb
Antimony	121-1	0.13	0.12	0.10	0.12	12.28	ppb
Arsenic	75-2	0.03	0.00	0.03	0.02	77.02	ppb
Barium	135-1	0.01	0.00	0.00	0.00	65.07	ppb
Barium	137-1	0.01	0.00	0.00	0.00	216.82	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	47.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	11-1	7.36	7.38	7.19	7.31	1.40	ppb
Boron	10-1	6.51	7.14	6.95	6.86	4.69	ppb
Cadmium	106-1	0.62	1.05	-0.70	0.32	281.74	ppb
Cadmium	108-1	0.02	0.02	0.00	0.01	112.14	ppb
Cadmium	111-1	0.05	0.09	-0.05	0.03	227.51	ppb
Calcium	43-1	0.81	2.94	1.68	1.81	59.41	ppb
Calcium	44-1	-0.39	0.07	0.28	-0.02		ppb
Chromium	52-2	0.02	0.02	0.03	0.02	29.50	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.08	0.09	0.08	0.08	5.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	0.54	0.55	0.53	0.54	2.31	ppb
Iron	57-2	0.73	-0.22	0.26	0.26	186.31	ppb
Lead	207-1	0.03	0.03	0.04	0.03	11.18	ppb
Lead	208-1	0.04	0.03	0.04	0.04	3.84	ppb
Lead	206-1	0.04	0.03	0.03	0.03	20.94	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.61	0.61	0.76	0.66	12.70	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	29.23	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:14:47	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.41	0.41	0.32	0.38	13.21	ppb
Molybdenum	98-1	0.35	0.40	0.38	0.38	6.45	ppb
Molybdenum	94-1	0.34	0.31	0.31	0.32	5.35	ppb
Molybdenum	95-1	0.44	0.40	0.35	0.40	10.89	ppb
Molybdenum	96-1	0.38	0.40	0.36	0.38	4.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.01	72.30	ppb
Phosphorus	31-2	-21.66	-15.11	-10.19	-15.66		ppb
Potassium	39-2	4.01	3.39	4.24	3.88	11.33	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.22	0.00	0.07	173.21	ppb
Selenium	78-2	-0.13	-0.27	0.14	-0.09		ppb
Selenium	82-1	-0.45	0.13	-0.15	-0.16		ppb
Silicon	28-1	-2.67	-2.96	-2.47	-2.70		ppb
Silver	109-1	0.02	0.02	0.01	0.02	22.26	ppb
Silver	107-1	0.02	0.01	0.02	0.02	7.76	ppb
Sodium	23-2	18.26	16.66	16.61	17.18	5.44	ppb
Strontium	86-1	-0.01	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1217.79	-1261.49	-1142.38	-1207.22		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.06	0.06	0.06	3.96	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	10.08	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	11.97	ppb
Tin	118-1	0.07	0.08	0.08	0.08	5.90	ppb
Titanium	47-1	0.00	0.03	0.03	0.02	86.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	56.58	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.14	0.01	0.08	0.08	82.38	ppb

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:14:47	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	27.08	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	54.20	ppb

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 12:47:40 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	92	125	78	71.34	cps
Antimony	121-1	125	50	158	111	49.94	cps
Arsenic	75-2	17	9	19	15	33.07	cps
Barium	135-1	17	17	58	31	78.72	cps
Barium	137-1	75	58	58	64	15.05	cps
Beryllium	9-1	83	50	61	65	26.19	cps
Bismuth	209-1	14053779	13997813	14036867	14029487	0.20	cps
Bismuth	209-2	8217798	8257530	8253385	8242904	0.26	cps
Boron	11-1	2092	2209	2084	2128	3.28	cps
Boron	10-1	517	458	533	503	7.83	cps
Cadmium	106-1	7336	7494	7569	7466	1.60	cps
Cadmium	108-1	33	17	13	21	52.90	cps
Cadmium	111-1	5124	5234	5302	5220	1.72	cps
Calcium	43-1	183	250	217	217	15.39	cps
Calcium	44-1	14717	14274	14992	14661	2.47	cps
Chromium	52-2	643	770	717	710	8.96	cps
Cobalt	59-2	143	133	83	120	26.79	cps
Copper	63-2	877	817	813	836	4.27	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	58	100	142	100	41.66	cps
Erbium	164-2	37	27	23	29	24.03	cps
Gadolinium	160-1	150	175	200	175	14.28	cps
Gadolinium	160-2	373	333	303	337	10.43	cps
Holmium	165-1	22536682	22510601	22579845	22542376	0.16	cps
Holmium	165-2	11833691	11788063	11762571	11794775	0.31	cps
Indium	115-1	17645960	17621902	17825884	17697915	0.63	cps
Indium	115-2	3856444	3839194	3817875	3837838	0.50	cps
Iron	56-2	6340	6502	6374	6405	1.33	cps
Iron	57-2	372	333	306	337	9.94	cps
Lead	207-1	278	228	256	254	9.87	cps
Lead	208-1	1245	1100	1133	1159	6.52	cps
Lead	206-1	306	339	317	320	5.30	cps
Lithium	6-1	5452333	5440686	5441393	5444804	0.12	cps
Magnesium	24-2	100	192	75	122	50.26	cps
Manganese	55-2	47	53	30	43	27.73	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:47:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	58	50	92	67	33.07	cps
Molybdenum	98-1	83	175	117	125	37.12	cps
Molybdenum	94-1	550	417	592	519	17.60	cps
Molybdenum	95-1	83	75	75	78	6.19	cps
Molybdenum	96-1	217	233	183	211	12.06	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	57	43	40	47	18.90	cps
Phosphorus	31-2	417	433	508	453	10.79	cps
Potassium	39-2	38125	37858	37381	37788	1.00	cps
Rhodium	103-1	16687657	16543640	16658646	16629981	0.46	cps
Rhodium	103-2	8406979	8399398	8348958	8385112	0.38	cps
Scandium	45-1	11716838	11714912	11844816	11758855	0.63	cps
Scandium	45-2	584195	585177	582375	583916	0.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	104	113	120	112	7.43	cps
Selenium	82-1	56	80	130	89	42.46	cps
Silicon	28-1	401323	399737	401495	400852	0.24	cps
Silver	109-1	83	50	58	64	27.15	cps
Silver	107-1	125	125	158	136	14.14	cps
Sodium	23-2	12998	12489	12105	12531	3.57	cps
Strontium	86-1	1058	1217	1133	1136	6.97	cps
Strontium	88-1	258	217	208	228	11.76	cps
Sulfur	34-1	582925	586513	591340	586926	0.72	cps
Terbium	159-1	22750866	22926886	23051936	22909896	0.66	cps
Terbium	159-2	11781534	11656197	11779987	11739239	0.61	cps
Thallium	203-1	150	142	108	133	16.54	cps
Thallium	205-1	258	325	258	281	13.72	cps
Thorium	232-1	150	111	139	133	15.02	cps
Tin	118-1	1425	1575	1800	1600	11.80	cps
Titanium	47-1	108	175	108	131	29.48	cps
Uranium	238-1	150	192	167	169	12.38	cps
Vanadium	51-2	13	13	13	13	0.00	cps
Yttrium	89-1	18390458	18280355	18339226	18336679	0.30	cps
Yttrium	89-2	2961010	2964797	2943657	2956488	0.38	cps
Zinc	66-2	2480	2330	2467	2426	3.42	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:47:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1717	1742	1367	1608	13.04	cps
Zirconium	91-1	383	292	250	308	22.12	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:56:03	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3459	2900	3200	3187	8.77	cps
Antimony	121-1	23170	23654	22928	23251	1.59	cps
Arsenic	75-2	489	537	500	509	4.96	cps
Barium	135-1	30735	29724	31061	30507	2.28	cps
Barium	137-1	51095	52876	52124	52032	1.72	cps
Beryllium	9-1	3289	3289	3523	3367	4.00	cps
Bismuth	209-1	13307070	13389271	13352062	13349468	0.31	cps
Bismuth	209-2	7654467	7635627	7726350	7672148	0.62	cps
Boron	11-1	55963	57778	58698	57480	2.42	cps
Boron	10-1	11788	12506	12506	12267	3.38	cps
Cadmium	106-1	7427	7652	7677	7586	1.82	cps
Cadmium	108-1	342	313	217	290	22.53	cps
Cadmium	111-1	8102	8468	8606	8392	3.10	cps
Calcium	43-1	19781	19906	20248	19978	1.21	cps
Calcium	44-1	329756	331533	329303	330197	0.36	cps
Chromium	52-2	10214	9863	9667	9915	2.79	cps
Cobalt	59-2	7292	7299	7219	7270	0.61	cps
Copper	63-2	11081	10777	10974	10944	1.41	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	83	133	100	106	24.12	cps
Erbium	164-2	50	47	63	53	16.53	cps
Gadolinium	160-1	167	258	208	211	21.74	cps
Gadolinium	160-2	307	297	323	309	4.36	cps
Holmium	165-1	20799244	20890112	20974660	20888006	0.42	cps
Holmium	165-2	11035735	10931113	11142725	11036524	0.96	cps
Indium	115-1	16543271	16574341	16501971	16539861	0.22	cps
Indium	115-2	3578393	3559681	3601711	3579928	0.59	cps
Iron	56-2	195122	193406	193290	193939	0.53	cps
Iron	57-2	5423	4973	5090	5162	4.53	cps
Lead	207-1	9281	9637	9593	9504	2.04	cps
Lead	208-1	41966	44042	41677	42562	3.03	cps
Lead	206-1	10165	10788	10271	10408	3.20	cps
Lithium	6-1	5077689	5121916	5108608	5102738	0.44	cps
Magnesium	24-2	175558	177617	177943	177039	0.73	cps
Manganese	55-2	2870	2934	2770	2858	2.88	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:56:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	19889	19264	19990	19714	2.00	cps
Molybdenum	98-1	50833	48801	49763	49799	2.04	cps
Molybdenum	94-1	26801	25465	26776	26347	2.90	cps
Molybdenum	95-1	30358	31586	31519	31154	2.22	cps
Molybdenum	96-1	34668	34668	34225	34520	0.74	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2107	2120	2017	2081	2.70	cps
Phosphorus	31-2	492	550	500	514	6.14	cps
Potassium	39-2	204810	205978	207050	205946	0.54	cps
Rhodium	103-1	15418801	15549742	15533210	15500584	0.46	cps
Rhodium	103-2	7840326	7856187	7928085	7874866	0.59	cps
Scandium	45-1	11017576	11048569	11003348	11023164	0.21	cps
Scandium	45-2	547467	547526	551986	548993	0.47	cps
Selenium	77-2	63	100	47	70	38.98	cps
Selenium	78-2	339	350	331	340	2.74	cps
Selenium	82-1	1534	1422	1384	1447	5.37	cps
Silicon	28-1	539215	542855	538897	540322	0.41	cps
Silver	109-1	15659	15593	16185	15812	2.05	cps
Silver	107-1	16735	17094	16886	16905	1.07	cps
Sodium	23-2	350659	343509	348542	347570	1.06	cps
Strontium	86-1	5385	5276	4801	5154	6.02	cps
Strontium	88-1	37099	35620	36739	36486	2.11	cps
Sulfur	34-1	594368	595169	596383	595307	0.17	cps
Terbium	159-1	21377206	21511783	21243696	21377561	0.63	cps
Terbium	159-2	10920813	10918895	11016542	10952083	0.51	cps
Thallium	203-1	13349	12965	12481	12932	3.36	cps
Thallium	205-1	30177	31162	29584	30308	2.63	cps
Thorium	232-1	42409	41299	42169	41959	1.39	cps
Tin	118-1	51495	53160	53293	52649	1.90	cps
Titanium	47-1	9145	9237	9570	9317	2.40	cps
Uranium	238-1	41443	42220	41886	41850	0.93	cps
Vanadium	51-2	17220	17197	17637	17352	1.43	cps
Yttrium	89-1	17164542	17323143	17077617	17188434	0.72	cps
Yttrium	89-2	2745201	2751151	2765971	2754108	0.39	cps
Zinc	66-2	4317	4194	3864	4125	5.68	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:56:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	22978	23003	22610	22864	0.96	cps
Zirconium	91-1	4734	4976	5034	4915	3.24	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:59:57	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170358	170021	172566	170982	0.81	cps
Antimony	121-1	663897	672823	664384	667035	0.75	cps
Arsenic	75-2	26437	26615	25962	26338	1.28	cps
Barium	135-1	855125	849820	855018	853321	0.36	cps
Barium	137-1	1476639	1495875	1484897	1485804	0.65	cps
Beryllium	9-1	184338	184361	184772	184490	0.13	cps
Bismuth	209-1	14419797	14412136	14482927	14438287	0.27	cps
Bismuth	209-2	8156237	8190714	8216039	8187663	0.37	cps
Boron	11-1	125871	126258	127770	126633	0.79	cps
Boron	10-1	25673	27409	26817	26633	3.31	cps
Cadmium	106-1	29014	28972	28588	28858	0.81	cps
Cadmium	108-1	14099	14086	14729	14305	2.57	cps
Cadmium	111-1	200413	199900	199016	199776	0.35	cps
Calcium	43-1	223498	222604	224521	223541	0.43	cps
Calcium	44-1	3665622	3697799	3695724	3686382	0.49	cps
Chromium	52-2	242863	240676	242478	242005	0.48	cps
Cobalt	59-2	391702	389262	392479	391148	0.43	cps
Copper	63-2	555289	552448	554475	554071	0.26	cps
Dysprosium	156-1	50	25	25	33	43.30	cps
Dysprosium	156-2	7	27	13	16	65.47	cps
Erbium	164-1	67	142	67	92	47.24	cps
Erbium	164-2	40	37	47	41	12.39	cps
Gadolinium	160-1	192	192	200	194	2.47	cps
Gadolinium	160-2	277	307	277	287	6.04	cps
Holmium	165-1	22690837	22664589	22694466	22683298	0.07	cps
Holmium	165-2	11780813	11800935	11838280	11806676	0.25	cps
Indium	115-1	17697770	17898726	17691629	17762708	0.66	cps
Indium	115-2	3776848	3777087	3781130	3778355	0.06	cps
Iron	56-2	10119657	10058712	10054888	10077752	0.36	cps
Iron	57-2	253672	255026	252984	253894	0.41	cps
Lead	207-1	509335	516578	509084	511666	0.83	cps
Lead	208-1	2285123	2307565	2308915	2300534	0.58	cps
Lead	206-1	563135	575198	577731	572021	1.36	cps
Lithium	6-1	5431712	5482660	5431870	5448747	0.54	cps
Magnesium	24-2	1950157	1946453	1959356	1951989	0.34	cps
Manganese	55-2	294083	291577	294098	293253	0.49	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:59:57	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1078191	1086867	1081839	1082299	0.40	cps
Molybdenum	98-1	2739253	2761209	2739917	2746793	0.45	cps
Molybdenum	94-1	1420799	1424847	1407886	1417844	0.62	cps
Molybdenum	95-1	1726057	1751735	1721567	1733120	0.94	cps
Molybdenum	96-1	1905701	1900595	1911796	1906030	0.29	cps
Neodymium	150-1	60	73	27	53	45.07	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	105513	103676	105344	104845	0.97	cps
Phosphorus	31-2	10304	10145	10271	10240	0.82	cps
Potassium	39-2	955207	963124	968203	962178	0.68	cps
Rhodium	103-1	16624715	16692246	16503659	16606873	0.58	cps
Rhodium	103-2	8268481	8318951	8270242	8285891	0.35	cps
Scandium	45-1	11803195	11773958	11788321	11788491	0.12	cps
Scandium	45-2	579514	583894	583806	582405	0.43	cps
Selenium	77-2	783	737	717	746	4.59	cps
Selenium	78-2	2585	2706	2547	2613	3.18	cps
Selenium	82-1	14287	14468	14323	14360	0.67	cps
Silicon	28-1	961868	973538	969283	968230	0.61	cps
Silver	109-1	903838	921215	905622	910225	1.05	cps
Silver	107-1	946741	957820	950172	951578	0.60	cps
Sodium	23-2	3701928	3690826	3731718	3708158	0.57	cps
Strontium	86-1	228541	230818	230538	229966	0.54	cps
Strontium	88-1	1960530	1985179	1973692	1973134	0.63	cps
Sulfur	34-1	677250	678194	682570	679338	0.42	cps
Terbium	159-1	23101933	23078135	23217017	23132362	0.32	cps
Terbium	159-2	11678607	11699780	11815611	11731333	0.63	cps
Thallium	203-1	707167	711354	723490	714004	1.19	cps
Thallium	205-1	1677932	1697655	1706675	1694087	0.87	cps
Thorium	232-1	2366318	2363106	2384763	2371396	0.49	cps
Tin	118-1	570284	586336	576774	577798	1.40	cps
Titanium	47-1	514708	511838	514837	513794	0.33	cps
Uranium	238-1	2292504	2304271	2302927	2299901	0.28	cps
Vanadium	51-2	194652	192825	193748	193742	0.47	cps
Yttrium	89-1	18328813	18424711	18241294	18331606	0.50	cps
Yttrium	89-2	2887272	2903085	2896943	2895766	0.28	cps
Zinc	66-2	86293	85921	86048	86088	0.22	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 12:59:57	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1186104	1189487	1184192	1186594	0.23	cps
Zirconium	91-1	265163	266402	264985	265517	0.29	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:04:20	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417028	416006	406103	413046	1.46	cps
Antimony	121-1	1654766	1656318	1640559	1650548	0.53	cps
Arsenic	75-2	64284	63568	62498	63450	1.42	cps
Barium	135-1	2106747	2120690	2100440	2109292	0.49	cps
Barium	137-1	3632464	3669294	3633980	3645246	0.57	cps
Beryllium	9-1	449571	456390	449241	451734	0.89	cps
Bismuth	209-1	14334131	14233206	14230080	14265805	0.41	cps
Bismuth	209-2	8085215	8045613	8033312	8054713	0.34	cps
Boron	11-1	293950	298578	306692	299740	2.15	cps
Boron	10-1	61752	64405	65568	63908	3.06	cps
Cadmium	106-1	59367	59224	58874	59155	0.43	cps
Cadmium	108-1	36455	36798	36380	36545	0.61	cps
Cadmium	111-1	485593	482949	476847	481797	0.93	cps
Calcium	43-1	559668	548950	554587	554402	0.97	cps
Calcium	44-1	9085803	8974341	9002475	9020873	0.64	cps
Chromium	52-2	586966	585508	577144	583206	0.91	cps
Cobalt	59-2	935972	935911	930351	934078	0.35	cps
Copper	63-2	1331948	1327137	1316478	1325188	0.60	cps
Dysprosium	156-1	42	42	58	47	20.38	cps
Dysprosium	156-2	43	53	30	42	27.72	cps
Erbium	164-1	133	67	75	92	39.63	cps
Erbium	164-2	63	33	40	46	34.58	cps
Gadolinium	160-1	242	258	142	214	29.50	cps
Gadolinium	160-2	273	320	377	323	16.00	cps
Holmium	165-1	22472833	22307266	22331188	22370429	0.40	cps
Holmium	165-2	11562387	11589299	11589845	11580510	0.14	cps
Indium	115-1	17474908	17392176	17154182	17340422	0.96	cps
Indium	115-2	3630963	3635298	3597997	3621419	0.56	cps
Iron	56-2	24441164	24433729	24238639	24371177	0.47	cps
Iron	57-2	614483	609202	600591	608092	1.15	cps
Lead	207-1	1266950	1287677	1277331	1277319	0.81	cps
Lead	208-1	5714803	5736720	5681356	5710960	0.49	cps
Lead	206-1	1431055	1429583	1424072	1428237	0.26	cps
Lithium	6-1	5322350	5280904	5182287	5261847	1.37	cps
Magnesium	24-2	4766797	4743633	4695602	4735344	0.77	cps
Manganese	55-2	707395	705082	700693	704390	0.48	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:04:20	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2647613	2706219	2644701	2666178	1.30	cps
Molybdenum	98-1	6782920	6856038	6754085	6797681	0.77	cps
Molybdenum	94-1	3472561	3477174	3437508	3462415	0.63	cps
Molybdenum	95-1	4273536	4281916	4245610	4267021	0.45	cps
Molybdenum	96-1	4777840	4752542	4701528	4743970	0.82	cps
Neodymium	150-1	133	167	227	176	26.94	cps
Neodymium	150-2	17	17	23	19	20.36	cps
Nickel	60-2	251155	250141	250578	250625	0.20	cps
Phosphorus	31-2	24045	24538	22801	23795	3.76	cps
Potassium	39-2	2254500	2261795	2215659	2243985	1.11	cps
Rhodium	103-1	16138593	15967346	15949606	16018515	0.65	cps
Rhodium	103-2	8035816	8025751	7882719	7981428	1.07	cps
Scandium	45-1	11554738	11368918	11396668	11440108	0.88	cps
Scandium	45-2	560567	563307	552663	558845	0.99	cps
Selenium	77-2	1583	1750	1723	1686	5.31	cps
Selenium	78-2	5777	6177	5998	5984	3.35	cps
Selenium	82-1	35139	35806	34993	35312	1.23	cps
Silicon	28-1	1723742	1744916	1728240	1732299	0.64	cps
Silver	109-1	2225350	2229188	2189759	2214766	0.98	cps
Silver	107-1	2312639	2310967	2294830	2306145	0.43	cps
Sodium	23-2	9116232	9123309	8992378	9077306	0.81	cps
Strontium	86-1	563527	572203	555766	563832	1.46	cps
Strontium	88-1	4865506	4861220	4828540	4851755	0.42	cps
Sulfur	34-1	785250	780029	777288	780855	0.52	cps
Terbium	159-1	22968462	22954479	22773521	22898821	0.47	cps
Terbium	159-2	11534471	11519628	11466801	11506966	0.31	cps
Thallium	203-1	1776844	1778573	1768991	1774802	0.29	cps
Thallium	205-1	4234549	4214815	4178285	4209216	0.68	cps
Thorium	232-1	5947871	5996685	5962635	5969064	0.42	cps
Tin	118-1	1431833	1423489	1421036	1425453	0.40	cps
Titanium	47-1	1258152	1256668	1252087	1255636	0.25	cps
Uranium	238-1	5697512	5770394	5700901	5722936	0.72	cps
Vanadium	51-2	468846	467637	461805	466096	0.81	cps
Yttrium	89-1	18057288	17945109	17975911	17992769	0.32	cps
Yttrium	89-2	2780787	2788209	2750220	2773072	0.73	cps
Zinc	66-2	208398	203536	203146	205027	1.43	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:04:20	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2935532	2917902	2910530	2921321	0.44	cps
Zirconium	91-1	655455	644601	647734	649263	0.86	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:08:07	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800032	800079	805270	801794	0.38	cps
Antimony	121-1	3222989	3245813	3230263	3233022	0.36	cps
Arsenic	75-2	125024	125534	124972	125177	0.25	cps
Barium	135-1	4095548	4113983	4096486	4102006	0.25	cps
Barium	137-1	7137343	7140099	7196940	7158128	0.47	cps
Beryllium	9-1	852907	858085	857163	856052	0.32	cps
Bismuth	209-1	14012204	14206884	14222853	14147314	0.83	cps
Bismuth	209-2	8021576	7958139	8010826	7996847	0.42	cps
Boron	11-1	560579	567887	580405	569623	1.76	cps
Boron	10-1	121754	121358	124653	122588	1.47	cps
Cadmium	106-1	107900	108043	109067	108337	0.59	cps
Cadmium	108-1	70089	69658	69528	69759	0.42	cps
Cadmium	111-1	915851	923214	926518	921861	0.59	cps
Calcium	43-1	1059994	1053071	1052823	1055296	0.39	cps
Calcium	44-1	17153029	17304896	17338124	17265350	0.57	cps
Chromium	52-2	1137659	1143613	1143694	1141655	0.30	cps
Cobalt	59-2	1827020	1839181	1828147	1831449	0.37	cps
Copper	63-2	2560556	2561757	2565828	2562714	0.11	cps
Dysprosium	156-1	100	100	92	97	4.95	cps
Dysprosium	156-2	73	60	43	59	25.53	cps
Erbium	164-1	67	117	92	92	27.27	cps
Erbium	164-2	40	20	33	31	32.73	cps
Gadolinium	160-1	208	225	167	200	15.02	cps
Gadolinium	160-2	303	350	330	328	7.14	cps
Holmium	165-1	22122998	22378469	22302987	22268151	0.59	cps
Holmium	165-2	11634947	11695091	11686505	11672181	0.28	cps
Indium	115-1	16921740	17213491	16993397	17042876	0.89	cps
Indium	115-2	3621248	3582925	3628499	3610891	0.68	cps
Iron	56-2	47871119	48036100	47906948	47938056	0.18	cps
Iron	57-2	1202060	1201376	1197141	1200192	0.22	cps
Lead	207-1	2463553	2497318	2502669	2487847	0.85	cps
Lead	208-1	11131185	11275376	11275783	11227448	0.74	cps
Lead	206-1	2748416	2764417	2789876	2767569	0.76	cps
Lithium	6-1	5102447	5138685	5119994	5120375	0.35	cps
Magnesium	24-2	9335848	9319676	9342155	9332560	0.12	cps
Manganese	55-2	1374695	1376034	1381392	1377374	0.26	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:08:07	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	5185473	5236467	5230091	5217344	0.53	cps
Molybdenum	98-1	13251664	13346656	13375836	13324718	0.49	cps
Molybdenum	94-1	6791073	6785838	6746911	6774607	0.36	cps
Molybdenum	95-1	8349112	8364172	8347511	8353598	0.11	cps
Molybdenum	96-1	9203508	9333737	9250182	9262476	0.71	cps
Neodymium	150-1	300	340	307	316	6.79	cps
Neodymium	150-2	27	30	50	36	35.49	cps
Nickel	60-2	485932	484912	488003	486282	0.32	cps
Phosphorus	31-2	46992	47586	47986	47521	1.05	cps
Potassium	39-2	4345557	4377464	4355177	4359399	0.38	cps
Rhodium	103-1	15438130	15750089	15622333	15603517	1.01	cps
Rhodium	103-2	7947523	7869596	7929833	7915651	0.52	cps
Scandium	45-1	10933392	11039135	10998355	10990294	0.49	cps
Scandium	45-2	554391	550220	555074	553228	0.47	cps
Selenium	77-2	3357	3581	3454	3464	3.23	cps
Selenium	78-2	11440	11868	11647	11652	1.84	cps
Selenium	82-1	67506	67564	68194	67755	0.56	cps
Silicon	28-1	2567611	2559694	2571850	2566385	0.24	cps
Silver	109-1	4284175	4283714	4271866	4279918	0.16	cps
Silver	107-1	4494031	4512342	4490452	4498942	0.26	cps
Sodium	23-2	17810136	17744033	17787972	17780714	0.19	cps
Strontium	86-1	1084972	1097262	1092138	1091457	0.57	cps
Strontium	88-1	9448181	9474092	9469063	9463779	0.15	cps
Sulfur	34-1	909065	904429	899958	904484	0.50	cps
Terbium	159-1	22698016	22816215	22711833	22742021	0.28	cps
Terbium	159-2	11571577	11586064	11614104	11590581	0.19	cps
Thallium	203-1	3501138	3527693	3547730	3525520	0.66	cps
Thallium	205-1	8331256	8393153	8356553	8360321	0.37	cps
Thorium	232-1	11877403	12006338	12019546	11967762	0.66	cps
Tin	118-1	2750947	2756864	2741981	2749931	0.27	cps
Titanium	47-1	2395324	2408827	2411070	2405074	0.35	cps
Uranium	238-1	11513700	11545120	11585971	11548263	0.31	cps
Vanadium	51-2	918989	922899	918843	920244	0.25	cps
Yttrium	89-1	17507630	17540255	17505314	17517733	0.11	cps
Yttrium	89-2	2781891	2768597	2786969	2779152	0.34	cps
Zinc	66-2	392520	394469	400475	395821	1.05	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:08:07	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5722895	5722680	5756461	5734012	0.34	cps
Zirconium	91-1	1258785	1267522	1265105	1263804	0.36	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:11:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1605982	1591125	1617885	1604998	0.84	cps
Antimony	121-1	6515104	6534746	6569095	6539648	0.42	cps
Arsenic	75-2	251141	254699	253795	253212	0.73	cps
Barium	135-1	8343604	8247804	8378285	8323231	0.81	cps
Barium	137-1	14583014	14617471	14519745	14573410	0.34	cps
Beryllium	9-1	1683538	1674104	1690195	1682612	0.48	cps
Bismuth	209-1	13959051	14209335	14082364	14083583	0.89	cps
Bismuth	209-2	7893028	7847854	7939335	7893406	0.58	cps
Boron	11-1	1118494	1120058	1149325	1129293	1.54	cps
Boron	10-1	235920	237911	243677	239169	1.68	cps
Cadmium	106-1	207922	209299	210679	209300	0.66	cps
Cadmium	108-1	138505	139866	138931	139101	0.50	cps
Cadmium	111-1	1797116	1835484	1836785	1823128	1.24	cps
Calcium	43-1	2128610	2124253	2129335	2127399	0.13	cps
Calcium	44-1	35189647	35117660	34898118	35068475	0.43	cps
Chromium	52-2	2288149	2309242	2318071	2305154	0.67	cps
Cobalt	59-2	3677103	3684390	3706415	3689303	0.41	cps
Copper	63-2	5178530	5189543	5228050	5198708	0.50	cps
Dysprosium	156-1	150	158	183	164	10.58	cps
Dysprosium	156-2	173	140	133	149	14.39	cps
Erbium	164-1	67	142	117	108	35.25	cps
Erbium	164-2	43	47	53	48	10.66	cps
Gadolinium	160-1	233	275	308	272	13.80	cps
Gadolinium	160-2	300	313	310	308	2.25	cps
Holmium	165-1	22792201	22633934	22716024	22714053	0.35	cps
Holmium	165-2	11811949	11778227	11846724	11812300	0.29	cps
Indium	115-1	17103730	17161268	17214405	17159801	0.32	cps
Indium	115-2	3612926	3590727	3614504	3606052	0.37	cps
Iron	56-2	97460688	97335238	98067291	97621073	0.40	cps
Iron	57-2	2422338	2415851	2429889	2422693	0.29	cps
Lead	207-1	5042671	5095178	5081276	5073042	0.54	cps
Lead	208-1	22591736	22829028	22763510	22728091	0.54	cps
Lead	206-1	5660483	5681365	5674243	5672030	0.19	cps
Lithium	6-1	5064777	5042203	5032155	5046378	0.33	cps
Magnesium	24-2	18556004	18523278	18835043	18638108	0.92	cps
Manganese	55-2	2780307	2774120	2792720	2782382	0.34	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:11:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	10573387	10591675	10651582	10605548	0.39	cps
Molybdenum	98-1	26977750	26787219	27279964	27014978	0.92	cps
Molybdenum	94-1	13834843	13854658	13829679	13839726	0.10	cps
Molybdenum	95-1	16904948	17018550	17026255	16983251	0.40	cps
Molybdenum	96-1	18714731	18764778	18868314	18782608	0.42	cps
Neodymium	150-1	667	667	647	660	1.75	cps
Neodymium	150-2	90	67	103	87	21.42	cps
Nickel	60-2	974166	972772	979750	975563	0.38	cps
Phosphorus	31-2	94743	93744	94466	94318	0.55	cps
Potassium	39-2	8785582	8798363	8806104	8796683	0.12	cps
Rhodium	103-1	15605896	15423371	15785172	15604813	1.16	cps
Rhodium	103-2	7945189	7835222	7983775	7921396	0.97	cps
Scandium	45-1	11179270	11192002	11173804	11181692	0.08	cps
Scandium	45-2	556871	556721	560695	558095	0.40	cps
Selenium	77-2	7152	6815	6985	6984	2.41	cps
Selenium	78-2	22961	23154	23554	23223	1.30	cps
Selenium	82-1	135997	137025	137407	136810	0.53	cps
Silicon	28-1	4690542	4730852	4772820	4731405	0.87	cps
Silver	109-1	8461108	8594545	8557876	8537843	0.81	cps
Silver	107-1	8985134	8990684	9042451	9006089	0.35	cps
Sodium	23-2	35539471	35589203	35719230	35615968	0.26	cps
Strontium	86-1	2196422	2223648	2201583	2207218	0.66	cps
Strontium	88-1	19173040	19239520	19202336	19204965	0.17	cps
Sulfur	34-1	1265424	1269836	1264204	1266488	0.23	cps
Terbium	159-1	23296705	23113173	23176641	23195507	0.40	cps
Terbium	159-2	11662617	11726974	11693862	11694484	0.28	cps
Thallium	203-1	7105183	7133304	7146928	7128472	0.30	cps
Thallium	205-1	16882346	16976391	17076133	16978290	0.57	cps
Thorium	232-1	24293360	24483808	24352867	24376678	0.40	cps
Tin	118-1	5624799	5639919	5633943	5632887	0.14	cps
Titanium	47-1	4868496	4909564	4897932	4891997	0.43	cps
Uranium	238-1	23356255	23411339	23533002	23433532	0.39	cps
Vanadium	51-2	1856130	1870409	1868639	1865059	0.42	cps
Yttrium	89-1	17867093	17891948	17946749	17901930	0.23	cps
Yttrium	89-2	2818148	2814504	2825445	2819366	0.20	cps
Zinc	66-2	773174	784666	783005	780282	0.80	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:11:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11626919	11634764	11694422	11652035	0.32	cps
Zirconium	91-1	2565678	2538748	2584401	2562942	0.90	cps

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 13:15:37 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3245962	3226093	3271852	3247969	0.71	cps
Antimony	121-1	13150017	13334011	13333874	13272634	0.80	cps
Arsenic	75-2	510022	509934	514397	511451	0.50	cps
Barium	135-1	16882499	17041441	17218994	17047645	0.99	cps
Barium	137-1	29319949	29716645	30135006	29723867	1.37	cps
Beryllium	9-1	3338803	3399257	3377191	3371751	0.91	cps
Bismuth	209-1	13727787	13808722	14012750	13849753	1.06	cps
Bismuth	209-2	7812553	7843957	7805506	7820672	0.26	cps
Boron	11-1	2197604	2249895	2293315	2246938	2.13	cps
Boron	10-1	468234	482001	487348	479194	2.06	cps
Cadmium	106-1	401704	409076	414982	408587	1.63	cps
Cadmium	108-1	273411	277020	279436	276622	1.10	cps
Cadmium	111-1	3662372	3748475	3721279	3710709	1.19	cps
Calcium	43-1	4352486	4397780	4408461	4386242	0.68	cps
Calcium	44-1	71976900	71835629	71923700	71912076	0.10	cps
Chromium	52-2	4720774	4708199	4707116	4712030	0.16	cps
Cobalt	59-2	7474180	7520552	7493441	7496058	0.31	cps
Copper	63-2	10422295	10459427	10457445	10446389	0.20	cps
Dysprosium	156-1	242	258	250	250	3.33	cps
Dysprosium	156-2	260	250	230	247	6.19	cps
Erbium	164-1	67	208	117	131	55.03	cps
Erbium	164-2	43	37	37	39	9.89	cps
Gadolinium	160-1	208	217	275	233	15.57	cps
Gadolinium	160-2	333	343	323	333	3.00	cps
Holmium	165-1	22878102	23039362	23193484	23036983	0.68	cps
Holmium	165-2	12041932	12042445	12061342	12048573	0.09	cps
Indium	115-1	16843567	17232369	17331285	17135741	1.50	cps
Indium	115-2	3663306	3671709	3681444	3672153	0.25	cps
Iron	56-2	199690427	198466599	197527471	198561499	0.55	cps
Iron	57-2	4926879	4947946	4956559	4943795	0.31	cps
Lead	207-1	9991133	10037027	10150538	10059566	0.82	cps
Lead	208-1	44836115	44908582	45346161	45030286	0.61	cps
Lead	206-1	11171279	11199713	11289425	11220139	0.55	cps
Lithium	6-1	5017998	5052677	5091659	5054111	0.73	cps
Magnesium	24-2	37729846	37464999	37904947	37699930	0.59	cps
Manganese	55-2	5714480	5693970	5678240	5695563	0.32	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:15:37	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	21617377	21765475	22102021	21828291	1.14	cps
Molybdenum	98-1	55143868	55742478	56162470	55682939	0.92	cps
Molybdenum	94-1	28261548	28381045	28776132	28472908	0.95	cps
Molybdenum	95-1	34307582	34883534	35350240	34847119	1.50	cps
Molybdenum	96-1	38303902	38675188	39143088	38707393	1.09	cps
Neodymium	150-1	1173	1333	1153	1220	8.09	cps
Neodymium	150-2	157	193	113	154	25.93	cps
Nickel	60-2	1905598	1924797	1925941	1918779	0.60	cps
Phosphorus	31-2	188003	187524	188983	188170	0.40	cps
Potassium	39-2	18052055	18005885	18126501	18061480	0.34	cps
Rhodium	103-1	15467561	15790328	15788635	15682175	1.19	cps
Rhodium	103-2	7999630	8063890	7988645	8017388	0.51	cps
Scandium	45-1	11400624	11497719	11551388	11483243	0.67	cps
Scandium	45-2	571207	574244	578067	574506	0.60	cps
Selenium	77-2	14267	14097	13897	14087	1.32	cps
Selenium	78-2	46924	47000	46825	46916	0.19	cps
Selenium	82-1	267557	270756	270723	269679	0.68	cps
Silicon	28-1	8955021	9080225	9211584	9082276	1.41	cps
Silver	109-1	16954331	17191172	17273083	17139529	0.97	cps
Silver	107-1	17648604	18085012	18199643	17977753	1.62	cps
Sodium	23-2	72537822	72766791	72542545	72615720	0.18	cps
Strontium	86-1	4487440	4537732	4633693	4552955	1.63	cps
Strontium	88-1	39075929	39334027	39730202	39380053	0.84	cps
Sulfur	34-1	2039135	2061043	2086043	2062074	1.14	cps
Terbium	159-1	23123060	23525850	23548817	23399243	1.02	cps
Terbium	159-2	11941893	11968119	11918064	11942692	0.21	cps
Thallium	203-1	14010030	14238408	14326714	14191718	1.15	cps
Thallium	205-1	33275697	33779788	33906429	33653971	0.99	cps
Thorium	232-1	48945514	49073673	49450661	49156616	0.53	cps
Tin	118-1	11294072	11532312	11549171	11458518	1.25	cps
Titanium	47-1	9975511	10073605	10136345	10061820	0.81	cps
Uranium	238-1	46477723	46865570	47254883	46866059	0.83	cps
Vanadium	51-2	3831918	3835083	3818777	3828593	0.23	cps
Yttrium	89-1	18076547	18260249	18547469	18294755	1.30	cps
Yttrium	89-2	2884812	2920414	2921975	2909067	0.72	cps
Zinc	66-2	1521563	1520450	1531144	1524386	0.39	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:15:37	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	23541299	23886260	24246184	23891248	1.48	cps
Zirconium	91-1	5267060	5314341	5394247	5325216	1.21	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:19:27	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16687887	16735417	16970448	16797918	0.90	cps
Antimony	121-1	20900	20883	20449	20744	1.23	cps
Arsenic	75-2	739	767	704	736	4.29	cps
Barium	135-1	2275	2459	2292	2342	4.33	cps
Barium	137-1	3876	4276	4042	4065	4.94	cps
Beryllium	9-1	456	528	406	463	13.27	cps
Bismuth	209-1	11917943	11763969	11734053	11805322	0.84	cps
Bismuth	209-2	6769971	6841777	6828538	6813429	0.56	cps
Boron	11-1	71235	64597	58096	64643	10.16	cps
Boron	10-1	15909	13565	12906	14127	11.17	cps
Cadmium	106-1	7786	7486	7794	7689	2.29	cps
Cadmium	108-1	113	104	129	115	11.04	cps
Cadmium	111-1	5951	5763	5990	5901	2.06	cps
Calcium	43-1	22233305	22155117	22072234	22153552	0.36	cps
Calcium	44-1	367381008	365529433	363792525	365567655	0.49	cps
Chromium	52-2	151121	151600	150459	151060	0.38	cps
Cobalt	59-2	90631	89880	90293	90268	0.42	cps
Copper	63-2	22564	22928	22654	22716	0.83	cps
Dysprosium	156-1	192	142	167	167	15.00	cps
Dysprosium	156-2	77	77	77	77	0.00	cps
Erbium	164-1	75	125	117	106	25.38	cps
Erbium	164-2	47	43	60	50	17.64	cps
Gadolinium	160-1	308	283	300	297	4.28	cps
Gadolinium	160-2	307	373	403	361	13.70	cps
Holmium	165-1	21706850	21401179	21351323	21486451	0.90	cps
Holmium	165-2	11330615	11375886	11400207	11368903	0.31	cps
Indium	115-1	16245794	15830780	16015334	16030636	1.30	cps
Indium	115-2	3567197	3596256	3591541	3584998	0.44	cps
Iron	56-2	974274066	975793555	981222333	977096651	0.37	cps
Iron	57-2	24177574	24260271	24232522	24223456	0.17	cps
Lead	207-1	14592	14152	14286	14343	1.57	cps
Lead	208-1	66671	66244	66160	66358	0.41	cps
Lead	206-1	17684	17162	17134	17327	1.79	cps
Lithium	6-1	4788961	4751432	4753970	4764788	0.44	cps
Magnesium	24-2	183852571	185066725	186019312	184979536	0.59	cps
Manganese	55-2	25042	25743	25896	25560	1.78	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:19:27	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	34718	32613	31427	32920	5.06	cps
Molybdenum	98-1	87602	81416	79698	82905	5.01	cps
Molybdenum	94-1	33833	31995	30358	32062	5.42	cps
Molybdenum	95-1	55751	53660	50030	53147	5.45	cps
Molybdenum	96-1	72819	68080	63810	68236	6.60	cps
Neodymium	150-1	180	67	107	118	48.80	cps
Neodymium	150-2	63	87	80	77	15.68	cps
Nickel	60-2	53942	54156	54387	54162	0.41	cps
Phosphorus	31-2	525	675	508	569	16.12	cps
Potassium	39-2	93286577	94813958	95093592	94398042	1.03	cps
Rhodium	103-1	14286891	14093888	14082111	14154296	0.81	cps
Rhodium	103-2	7221558	7279230	7231772	7244187	0.42	cps
Scandium	45-1	11305389	11201087	11138275	11214917	0.75	cps
Scandium	45-2	568100	569694	573609	570468	0.50	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	117	133	137	129	8.41	cps
Selenium	82-1	318	192	272	261	24.38	cps
Silicon	28-1	755146	763342	772835	763775	1.16	cps
Silver	109-1	1575	1575	1642	1597	2.41	cps
Silver	107-1	1517	1684	1567	1589	5.38	cps
Sodium	23-2	354767766	358882866	358891908	357514180	0.67	cps
Strontium	86-1	22543	21625	21642	21937	2.39	cps
Strontium	88-1	186233	184074	184683	184997	0.60	cps
Sulfur	34-1	477857	489231	496562	487883	1.93	cps
Terbium	159-1	22140579	21780701	21825778	21915686	0.89	cps
Terbium	159-2	11258434	11298700	11293079	11283404	0.19	cps
Thallium	203-1	5218	4934	4634	4929	5.92	cps
Thallium	205-1	12882	11739	10922	11847	8.31	cps
Thorium	232-1	10961	9482	8614	9685	12.25	cps
Tin	118-1	11755	11947	11197	11633	3.35	cps
Titanium	47-1	1900	2084	2042	2009	4.79	cps
Uranium	238-1	6785	6910	7010	6902	1.63	cps
Vanadium	51-2	1353	1267	1370	1330	4.17	cps
Yttrium	89-1	17612601	17299895	17326149	17412882	1.00	cps
Yttrium	89-2	2899676	2921192	2921828	2914232	0.43	cps
Zinc	66-2	10000	10087	10190	10092	0.94	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:19:27	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4951	4859	4884	4898	0.97	cps
Zirconium	91-1	1150	1175	1133	1153	1.82	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:36:03	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89962	92929	90087	90993	1.84	cps
Antimony	121-1	2564418	2581060	2583275	2576251	0.40	cps
Arsenic	75-2	108538	108008	106980	107842	0.73	cps
Barium	135-1	341178	348203	341464	343615	1.16	cps
Barium	137-1	591909	596974	592093	593659	0.48	cps
Beryllium	9-1	348121	346913	349639	348224	0.39	cps
Bismuth	209-1	14767921	14830853	14846056	14814944	0.28	cps
Bismuth	209-2	8472378	8508544	8521384	8500769	0.30	cps
Boron	11-1	1215383	1262039	1286786	1254736	2.89	cps
Boron	10-1	257761	265568	269258	264196	2.22	cps
Cadmium	106-1	83412	83798	86421	84544	1.94	cps
Cadmium	108-1	41641	42125	47001	43589	6.80	cps
Cadmium	111-1	403115	406839	408384	406113	0.67	cps
Calcium	43-1	106953	108580	107003	107512	0.86	cps
Calcium	44-1	1608379	1617938	1608263	1611527	0.34	cps
Chromium	52-2	478412	477117	481652	479060	0.49	cps
Cobalt	59-2	797177	789514	790638	792443	0.52	cps
Copper	63-2	564222	569328	563171	565574	0.58	cps
Dysprosium	156-1	42	25	8	25	66.68	cps
Dysprosium	156-2	7	17	20	14	48.02	cps
Erbium	164-1	233	133	175	181	27.82	cps
Erbium	164-2	70	93	110	91	22.05	cps
Gadolinium	160-1	217	292	208	239	19.21	cps
Gadolinium	160-2	380	400	463	414	10.50	cps
Holmium	165-1	23407947	23537930	23679506	23541794	0.58	cps
Holmium	165-2	12289973	12335353	12289735	12305020	0.21	cps
Indium	115-1	18698037	18697378	18799001	18731472	0.31	cps
Indium	115-2	4053015	4060660	4040322	4051332	0.25	cps
Iron	56-2	4206231	4175246	4153066	4178181	0.64	cps
Iron	57-2	105868	103904	104122	104631	1.03	cps
Lead	207-1	1914498	1940296	1943451	1932748	0.82	cps
Lead	208-1	8879534	8951272	8927367	8919391	0.41	cps
Lead	206-1	2221686	2245895	2251669	2239750	0.71	cps
Lithium	6-1	5430450	5458426	5467171	5452015	0.35	cps
Magnesium	24-2	465201	468674	467885	467253	0.39	cps
Manganese	55-2	290706	289819	290298	290274	0.15	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:36:03	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2351203	2375617	2410498	2379106	1.25	cps
Molybdenum	98-1	6143296	6162748	6169350	6158464	0.22	cps
Molybdenum	94-1	6898029	6916907	6867173	6894036	0.36	cps
Molybdenum	95-1	3876062	3892439	3903862	3890788	0.36	cps
Molybdenum	96-1	4898375	4905211	4929713	4911100	0.34	cps
Neodymium	150-1	47	53	40	47	14.29	cps
Neodymium	150-2	13	13	17	14	13.35	cps
Nickel	60-2	212013	210627	211251	211297	0.33	cps
Phosphorus	31-2	517	567	467	517	9.68	cps
Potassium	39-2	804738	793033	798499	798756	0.73	cps
Rhodium	103-1	17558780	17691126	17694329	17648078	0.44	cps
Rhodium	103-2	8893191	8913305	8874499	8893665	0.22	cps
Scandium	45-1	12538549	12624692	12671438	12611560	0.53	cps
Scandium	45-2	628232	631229	630405	629955	0.25	cps
Selenium	77-2	3187	3060	2987	3078	3.29	cps
Selenium	78-2	10139	10519	10374	10344	1.85	cps
Selenium	82-1	58542	58180	59051	58591	0.75	cps
Silicon	28-1	458340	466347	473880	466189	1.67	cps
Silver	109-1	1702555	1717280	1714701	1711512	0.46	cps
Silver	107-1	1790545	1802607	1817506	1803552	0.75	cps
Sodium	23-2	1499438	1490748	1490473	1493553	0.34	cps
Strontium	86-1	2426008	2468662	2482592	2459087	1.20	cps
Strontium	88-1	21483045	21401940	21604156	21496380	0.47	cps
Sulfur	34-1	528944	529747	527598	528763	0.21	cps
Terbium	159-1	24144673	23932322	24060870	24045955	0.44	cps
Terbium	159-2	12323699	12350610	12317068	12330459	0.14	cps
Thallium	203-1	2756601	2829615	2847345	2811187	1.71	cps
Thallium	205-1	6760840	6776603	6804784	6780742	0.33	cps
Thorium	232-1	24661823	24817688	24843152	24774221	0.40	cps
Tin	118-1	6176560	6239277	6162401	6192746	0.66	cps
Titanium	47-1	1112900	1125531	1123799	1120743	0.61	cps
Uranium	238-1	24534283	24808321	24519240	24620615	0.66	cps
Vanadium	51-2	388564	390250	387804	388873	0.32	cps
Yttrium	89-1	19648550	19644209	19827736	19706832	0.53	cps
Yttrium	89-2	3150440	3153209	3135307	3146319	0.31	cps
Zinc	66-2	174475	173771	173061	173769	0.41	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:36:03	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12962331	12898733	13031728	12964264	0.51	cps
Zirconium	91-1	2899531	2870281	2899150	2889654	0.58	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:46:46	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3242	3717	3701	3553	7.59	cps
Antimony	121-1	25908	27002	26885	26598	2.26	cps
Arsenic	75-2	591	554	598	581	4.10	cps
Barium	135-1	33817	33525	33901	33747	0.58	cps
Barium	137-1	58566	58122	59387	58692	1.09	cps
Beryllium	9-1	3851	3667	3839	3786	2.72	cps
Bismuth	209-1	14689843	14586483	14550700	14609008	0.49	cps
Bismuth	209-2	8460109	8458003	7483115	8133743	6.93	cps
Boron	11-1	72491	71779	74249	72840	1.75	cps
Boron	10-1	15200	16042	14766	15336	4.23	cps
Cadmium	106-1	8428	8161	8153	8247	1.90	cps
Cadmium	108-1	313	321	375	336	10.10	cps
Cadmium	111-1	9540	9310	9137	9329	2.17	cps
Calcium	43-1	23119	22368	22743	22743	1.65	cps
Calcium	44-1	380146	378210	374938	377765	0.70	cps
Chromium	52-2	11651	11641	12085	11793	2.15	cps
Cobalt	59-2	8249	8413	8269	8310	1.07	cps
Copper	63-2	12475	12375	13026	12626	2.77	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	7	7	17	10	57.72	cps
Erbium	164-1	58	50	117	75	48.43	cps
Erbium	164-2	60	57	47	54	12.74	cps
Gadolinium	160-1	175	283	208	222	24.97	cps
Gadolinium	160-2	340	380	340	353	6.54	cps
Holmium	165-1	23249009	22800905	23334554	23128156	1.24	cps
Holmium	165-2	12371077	12418719	10943957	11911251	7.04	cps
Indium	115-1	18851826	18740872	18907518	18833406	0.45	cps
Indium	115-2	4180030	4125609	3616944	3974194	7.81	cps
Iron	56-2	226475	230192	227989	228218	0.82	cps
Iron	57-2	6007	5912	5957	5959	0.79	cps
Lead	207-1	10377	10215	9932	10175	2.21	cps
Lead	208-1	46366	46711	45493	46190	1.36	cps
Lead	206-1	11489	11466	11450	11468	0.17	cps
Lithium	6-1	5484288	5505652	5451907	5480616	0.49	cps
Magnesium	24-2	198988	200896	202373	200752	0.85	cps
Manganese	55-2	3370	3164	3227	3254	3.26	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:46:46	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	22994	22402	22902	22766	1.40	cps
Molybdenum	98-1	58010	58730	56522	57754	1.95	cps
Molybdenum	94-1	31903	30584	30901	31130	2.21	cps
Molybdenum	95-1	36657	36180	36397	36412	0.66	cps
Molybdenum	96-1	41177	38954	40107	40080	2.77	cps
Neodymium	150-1	0	27	7	11	124.89	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2184	2290	2500	2325	6.93	cps
Phosphorus	31-2	533	592	508	544	7.85	cps
Potassium	39-2	236960	237277	237156	237131	0.07	cps
Rhodium	103-1	17746211	17599968	17638832	17661670	0.43	cps
Rhodium	103-2	9091992	9041092	7916663	8683249	7.65	cps
Scandium	45-1	12810380	12609847	12712339	12710855	0.79	cps
Scandium	45-2	638304	638409	562710	613141	7.12	cps
Selenium	77-2	80	100	67	82	20.40	cps
Selenium	78-2	439	372	398	403	8.34	cps
Selenium	82-1	1543	1510	1524	1526	1.08	cps
Silicon	28-1	582270	579866	578243	580126	0.35	cps
Silver	109-1	17929	17929	17878	17912	0.16	cps
Silver	107-1	18454	19572	18271	18766	3.75	cps
Sodium	23-2	400424	402500	402329	401751	0.29	cps
Strontium	86-1	5668	6102	5893	5888	3.68	cps
Strontium	88-1	40007	39472	40683	40054	1.52	cps
Sulfur	34-1	584733	580841	587121	584231	0.54	cps
Terbium	159-1	24054371	23686870	23692227	23811156	0.88	cps
Terbium	159-2	12392566	12340999	10872048	11868538	7.27	cps
Thallium	203-1	13616	14033	13958	13869	1.60	cps
Thallium	205-1	33092	33109	33042	33081	0.11	cps
Thorium	232-1	48385	46695	46701	47260	2.06	cps
Tin	118-1	62239	60029	59694	60654	2.28	cps
Titanium	47-1	10571	10679	10954	10735	1.84	cps
Uranium	238-1	45556	46042	45055	45551	1.08	cps
Vanadium	51-2	20434	20521	20418	20458	0.27	cps
Yttrium	89-1	19638224	19633999	19596677	19622967	0.12	cps
Yttrium	89-2	3223073	3188919	2828349	3080114	7.10	cps
Zinc	66-2	4461	4507	4164	4377	4.26	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:46:46	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	26951	27051	27310	27104	0.68	cps
Zirconium	91-1	6368	5801	6268	6146	4.92	cps

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 13:50:21 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	33	108	83	51.96	cps
Antimony	121-1	333	300	533	389	32.45	cps
Arsenic	75-2	15	11	15	14	15.75	cps
Barium	135-1	42	75	58	58	28.57	cps
Barium	137-1	92	83	83	86	5.58	cps
Beryllium	9-1	83	83	89	85	3.76	cps
Bismuth	209-1	14396283	14385549	14508509	14430114	0.47	cps
Bismuth	209-2	8445279	8434398	8465783	8448487	0.19	cps
Boron	11-1	14174	13815	13815	13935	1.49	cps
Boron	10-1	2892	2942	2792	2875	2.66	cps
Cadmium	106-1	8319	7769	8420	8169	4.29	cps
Cadmium	108-1	17	29	17	21	34.64	cps
Cadmium	111-1	5824	5439	5895	5719	4.29	cps
Calcium	43-1	258	292	308	286	8.90	cps
Calcium	44-1	14808	14925	15868	15200	3.82	cps
Chromium	52-2	883	837	917	879	4.57	cps
Cobalt	59-2	140	100	127	122	16.66	cps
Copper	63-2	973	913	933	940	3.25	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	83	50	58	64	27.15	cps
Erbium	164-2	40	13	30	28	48.51	cps
Gadolinium	160-1	200	283	233	239	17.56	cps
Gadolinium	160-2	400	327	313	347	13.46	cps
Holmium	165-1	22852794	22986942	23133940	22991225	0.61	cps
Holmium	165-2	12339139	12364992	12380398	12361510	0.17	cps
Indium	115-1	18634359	18690155	18919780	18748098	0.81	cps
Indium	115-2	4159678	4154801	4175672	4163384	0.26	cps
Iron	56-2	8831	8714	8386	8644	2.67	cps
Iron	57-2	322	444	422	396	16.43	cps
Lead	207-1	417	428	394	413	4.11	cps
Lead	208-1	2100	1728	1850	1893	10.03	cps
Lead	206-1	483	450	500	478	5.33	cps
Lithium	6-1	5422752	5419518	5465084	5435785	0.47	cps
Magnesium	24-2	450	417	408	425	5.19	cps
Manganese	55-2	50	67	67	61	15.75	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:50:21	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	583	675	642	633	7.33	cps
Molybdenum	98-1	1667	1458	1367	1497	10.27	cps
Molybdenum	94-1	1383	1250	1042	1225	14.06	cps
Molybdenum	95-1	1017	1050	775	947	15.84	cps
Molybdenum	96-1	1192	1000	1083	1092	8.80	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	83	40	57	60	36.43	cps
Phosphorus	31-2	433	408	492	444	9.62	cps
Potassium	39-2	41693	41659	41634	41662	0.07	cps
Rhodium	103-1	17528323	17505801	17683500	17572542	0.55	cps
Rhodium	103-2	9082672	9045526	9144700	9090966	0.55	cps
Scandium	45-1	12534897	12511586	12794877	12613787	1.25	cps
Scandium	45-2	642164	637965	643125	641085	0.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	124	152	152	143	11.24	cps
Selenium	82-1	42	-49	133	42	216.43	cps
Silicon	28-1	420314	425145	426931	424130	0.81	cps
Silver	109-1	167	192	150	169	12.38	cps
Silver	107-1	267	267	208	247	13.62	cps
Sodium	23-2	20281	21099	20373	20584	2.18	cps
Strontium	86-1	1125	1183	1233	1181	4.59	cps
Strontium	88-1	267	158	200	208	26.23	cps
Sulfur	34-1	600648	595829	594018	596832	0.57	cps
Terbium	159-1	23438211	23450740	23931951	23606967	1.19	cps
Terbium	159-2	12384153	12331067	12363135	12359452	0.22	cps
Thallium	203-1	217	267	250	244	10.41	cps
Thallium	205-1	558	642	500	567	12.57	cps
Thorium	232-1	2406	2273	2178	2285	5.01	cps
Tin	118-1	3401	3234	3192	3276	3.37	cps
Titanium	47-1	225	108	92	142	51.28	cps
Uranium	238-1	150	108	142	133	16.54	cps
Vanadium	51-2	13	10	7	10	33.30	cps
Yttrium	89-1	19405680	19495959	19658163	19519934	0.66	cps
Yttrium	89-2	3219541	3201838	3240083	3220487	0.59	cps
Zinc	66-2	2780	2640	2764	2728	2.80	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:50:21	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2167	2034	2250	2150	5.08	cps
Zirconium	91-1	583	367	433	461	24.07	cps

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 13:53:56 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15353153	15476728	15350510	15393464	0.47	cps
Antimony	121-1	14133	14983	15184	14767	3.78	cps
Arsenic	75-2	161	183	178	174	6.65	cps
Barium	135-1	4893	4951	5176	5007	2.99	cps
Barium	137-1	8828	8903	8245	8659	4.16	cps
Beryllium	9-1	1072	956	945	991	7.14	cps
Bismuth	209-1	13254476	13585081	13581444	13473667	1.41	cps
Bismuth	209-2	7741864	7765396	7724407	7743889	0.27	cps
Boron	11-1	15417	15467	15133	15339	1.17	cps
Boron	10-1	3609	3184	2967	3253	10.04	cps
Cadmium	106-1	7119	7611	7719	7483	4.28	cps
Cadmium	108-1	3726	3321	3371	3473	6.35	cps
Cadmium	111-1	6755	6953	7307	7005	3.99	cps
Calcium	43-1	4435005	4433548	4437334	4435295	0.04	cps
Calcium	44-1	73071947	73364350	73104725	73180341	0.22	cps
Chromium	52-2	93890	94239	93829	93986	0.23	cps
Cobalt	59-2	9026	8960	9243	9076	1.63	cps
Copper	63-2	40964	42221	41699	41628	1.52	cps
Dysprosium	156-1	50	108	58	72	43.68	cps
Dysprosium	156-2	53	33	53	47	24.75	cps
Erbium	164-1	150	142	117	136	12.75	cps
Erbium	164-2	50	50	47	49	3.93	cps
Gadolinium	160-1	217	208	192	206	6.19	cps
Gadolinium	160-2	363	317	353	344	7.13	cps
Holmium	165-1	22274677	22835812	23251242	22787244	2.15	cps
Holmium	165-2	12094489	12090591	12024354	12069811	0.33	cps
Indium	115-1	17111192	17635888	17928503	17558528	2.36	cps
Indium	115-2	3834633	3851167	3837387	3841063	0.23	cps
Iron	56-2	397446509	398804942	397068520	397773324	0.23	cps
Iron	57-2	9928724	9928066	9918667	9925152	0.06	cps
Lead	207-1	40005	39599	40947	40184	1.72	cps
Lead	208-1	195533	191632	193457	193541	1.01	cps
Lead	206-1	53028	51450	51611	52030	1.67	cps
Lithium	6-1	5047807	5155068	5154573	5119149	1.21	cps
Magnesium	24-2	37731990	37640377	37294383	37555583	0.61	cps
Manganese	55-2	22654	22975	22821	22817	0.70	cps

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 13:53:56 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	8516962	8462653	8523196	8500937	0.39	cps
Molybdenum	98-1	21767525	21450810	21728563	21648966	0.80	cps
Molybdenum	94-1	7711905	7760133	7727384	7733140	0.32	cps
Molybdenum	95-1	13621414	13658351	13612119	13630628	0.18	cps
Molybdenum	96-1	14487741	14493319	14555922	14512327	0.26	cps
Neodymium	150-1	87	53	53	64	29.86	cps
Neodymium	150-2	20	13	30	21	39.75	cps
Nickel	60-2	10627	10737	10844	10736	1.01	cps
Phosphorus	31-2	935723	936320	933877	935307	0.14	cps
Potassium	39-2	36967227	37002525	37059555	37009769	0.13	cps
Rhodium	103-1	15479073	15850350	16014101	15781175	1.74	cps
Rhodium	103-2	8148067	8157679	8116793	8140846	0.26	cps
Scandium	45-1	11514987	12020368	12022288	11852547	2.47	cps
Scandium	45-2	594828	597758	594760	595782	0.29	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	124	81	122	109	22.04	cps
Selenium	82-1	124	84	124	111	21.07	cps
Silicon	28-1	610079	613719	613435	612411	0.33	cps
Silver	109-1	675	1008	1050	911	22.56	cps
Silver	107-1	750	1025	967	914	15.86	cps
Sodium	23-2	72144079	73129420	72348350	72540616	0.72	cps
Strontium	86-1	152652	152390	155922	153655	1.28	cps
Strontium	88-1	1341856	1325955	1336188	1334666	0.60	cps
Sulfur	34-1	6780971	6721723	6740454	6747716	0.45	cps
Terbium	159-1	22787915	23404672	23784409	23325665	2.16	cps
Terbium	159-2	12092859	12031706	12071609	12065391	0.26	cps
Thallium	203-1	1083	1300	1192	1192	9.09	cps
Thallium	205-1	2675	2717	2734	2709	1.11	cps
Thorium	232-1	2495	2473	2195	2387	7.00	cps
Tin	118-1	4534	4393	4759	4562	4.05	cps
Titanium	47-1	4161444	4148143	4158505	4156031	0.17	cps
Uranium	238-1	792	775	875	814	6.58	cps
Vanadium	51-2	620	607	630	619	1.89	cps
Yttrium	89-1	18134848	18781696	18923173	18613239	2.26	cps
Yttrium	89-2	3048692	3021682	3024136	3031503	0.49	cps
Zinc	66-2	11144	11518	11188	11283	1.81	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:53:56	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3392	3301	2834	3176	9.43	cps
Zirconium	91-1	675	750	633	686	8.62	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:57:36	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15385720	15380911	15432689	15399773	0.19	cps
Antimony	121-1	281283	277567	283315	280722	1.04	cps
Arsenic	75-2	10296	10517	10467	10427	1.11	cps
Barium	135-1	75388	74717	74006	74704	0.93	cps
Barium	137-1	130021	129245	130988	130085	0.67	cps
Beryllium	9-1	70463	68889	68722	69358	1.38	cps
Bismuth	209-1	13847296	13714644	13662188	13741376	0.69	cps
Bismuth	209-2	7707239	7624501	7663278	7665006	0.54	cps
Boron	11-1	138985	140750	142255	140663	1.16	cps
Boron	10-1	30031	30273	30749	30351	1.20	cps
Cadmium	106-1	18246	18713	18004	18321	1.97	cps
Cadmium	108-1	9687	10025	10196	9969	2.60	cps
Cadmium	111-1	81542	80946	82034	81507	0.67	cps
Calcium	43-1	4532102	4530491	4515230	4525941	0.21	cps
Calcium	44-1	74942393	74301822	74334777	74526331	0.48	cps
Chromium	52-2	189176	190237	189994	189802	0.29	cps
Cobalt	59-2	160200	161747	160553	160833	0.50	cps
Copper	63-2	150636	149481	149225	149780	0.50	cps
Dysprosium	156-1	33	75	25	44	60.28	cps
Dysprosium	156-2	30	27	60	39	47.20	cps
Erbium	164-1	117	100	133	117	14.29	cps
Erbium	164-2	57	50	77	61	22.71	cps
Gadolinium	160-1	258	292	258	269	7.14	cps
Gadolinium	160-2	327	350	350	342	3.94	cps
Holmium	165-1	23353190	23393595	23458158	23401648	0.23	cps
Holmium	165-2	12142434	12076853	12079701	12099662	0.31	cps
Indium	115-1	18134674	18178156	18173343	18162058	0.13	cps
Indium	115-2	3841832	3807610	3859776	3836406	0.69	cps
Iron	56-2	401018076	403239298	404441942	402899772	0.43	cps
Iron	57-2	9989673	10010904	10014275	10004951	0.13	cps
Lead	207-1	229356	225693	229752	228267	0.98	cps
Lead	208-1	1064809	1050062	1059698	1058190	0.71	cps
Lead	206-1	281600	274967	276840	277802	1.23	cps
Lithium	6-1	5164563	5176495	5253855	5198304	0.93	cps
Magnesium	24-2	37737636	37725435	37587536	37683536	0.22	cps
Manganese	55-2	80355	81002	79922	80426	0.68	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:57:36	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	9008938	8978337	8976380	8987885	0.20	cps
Molybdenum	98-1	22852061	22802444	23070445	22908317	0.62	cps
Molybdenum	94-1	8673381	8593540	8618906	8628609	0.47	cps
Molybdenum	95-1	14466979	14280624	14291543	14346382	0.73	cps
Molybdenum	96-1	15508163	15386026	15410592	15434927	0.42	cps
Neodymium	150-1	73	93	67	78	17.84	cps
Neodymium	150-2	40	27	13	27	50.01	cps
Nickel	60-2	50744	49711	50249	50235	1.03	cps
Phosphorus	31-2	934690	936053	939102	936615	0.24	cps
Potassium	39-2	36985254	36733737	37199634	36972875	0.63	cps
Rhodium	103-1	16409881	16283094	16481739	16391571	0.61	cps
Rhodium	103-2	8211321	8084992	8247544	8181286	1.04	cps
Scandium	45-1	12349192	12263188	12271366	12294582	0.39	cps
Scandium	45-2	598402	592462	604458	598441	1.00	cps
Selenium	77-2	290	300	273	288	4.68	cps
Selenium	78-2	1082	970	1019	1024	5.44	cps
Selenium	82-1	5475	5553	5703	5577	2.08	cps
Silicon	28-1	1199361	1202891	1209242	1203831	0.42	cps
Silver	109-1	325401	321079	328640	325040	1.17	cps
Silver	107-1	341989	340986	343584	342186	0.38	cps
Sodium	23-2	73320950	72870752	73233895	73141866	0.33	cps
Strontium	86-1	416611	414913	413882	415135	0.33	cps
Strontium	88-1	3618443	3604581	3602812	3608612	0.24	cps
Sulfur	34-1	6782846	6794666	6785750	6787754	0.09	cps
Terbium	159-1	23803009	23766411	24147460	23905627	0.88	cps
Terbium	159-2	12068078	11946332	11939801	11984737	0.60	cps
Thallium	203-1	280068	273412	278733	277404	1.27	cps
Thallium	205-1	671214	663743	666493	667150	0.57	cps
Thorium	232-1	1667	1545	1478	1563	6.13	cps
Tin	118-1	632818	630892	632321	632010	0.16	cps
Titanium	47-1	4404382	4351606	4367560	4374516	0.62	cps
Uranium	238-1	2583766	2561080	2545221	2563355	0.76	cps
Vanadium	51-2	77375	78584	77918	77959	0.78	cps
Yttrium	89-1	19251620	19247246	19224629	19241165	0.08	cps
Yttrium	89-2	3023940	2999481	3078074	3033832	1.33	cps
Zinc	66-2	26815	26050	27342	26736	2.43	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 13:57:36	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1352050	1334749	1341881	1342894	0.65	cps
Zirconium	91-1	305795	299889	304210	303298	1.01	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:01:16	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9069277	9120671	9115317	9101755	0.31	cps
Antimony	121-1	6737139	6693653	6691145	6707312	0.39	cps
Arsenic	75-2	257640	255864	255147	256217	0.50	cps
Barium	135-1	8734582	8684929	8621751	8680421	0.65	cps
Barium	137-1	15295790	15176558	15016593	15162980	0.92	cps
Beryllium	9-1	1702770	1695351	1706630	1701584	0.34	cps
Bismuth	209-1	13288072	13171468	13129894	13196478	0.62	cps
Bismuth	209-2	7462674	7438678	7409421	7436924	0.36	cps
Boron	11-1	1126029	1138756	1182714	1149166	2.59	cps
Boron	10-1	236951	238375	249069	241465	2.74	cps
Cadmium	106-1	206739	206415	207760	206971	0.34	cps
Cadmium	108-1	137059	134901	138477	136812	1.32	cps
Cadmium	111-1	1789203	1789969	1797900	1792357	0.27	cps
Calcium	43-1	11412001	11401489	11357858	11390449	0.25	cps
Calcium	44-1	189007058	188624796	187436629	188356161	0.43	cps
Chromium	52-2	2469044	2460621	2463453	2464373	0.17	cps
Cobalt	59-2	3857079	3849134	3846061	3850758	0.15	cps
Copper	63-2	5180717	5191410	5160157	5177428	0.31	cps
Dysprosium	156-1	250	250	183	228	16.90	cps
Dysprosium	156-2	167	190	180	179	6.54	cps
Erbium	164-1	108	75	125	103	24.77	cps
Erbium	164-2	43	60	43	49	19.69	cps
Gadolinium	160-1	292	267	283	281	4.54	cps
Gadolinium	160-2	417	410	350	392	9.36	cps
Holmium	165-1	23339761	23414153	23011737	23255217	0.92	cps
Holmium	165-2	12182744	12067029	12060439	12103404	0.57	cps
Indium	115-1	17658203	17626253	17409780	17564745	0.77	cps
Indium	115-2	3781091	3787471	3750030	3772864	0.53	cps
Iron	56-2	512559578	509002267	510837978	510799941	0.35	cps
Iron	57-2	12756853	12775584	12787456	12773298	0.12	cps
Lead	207-1	4877487	4848405	4826125	4850672	0.53	cps
Lead	208-1	21854979	21689224	21680391	21741531	0.45	cps
Lead	206-1	5458944	5411715	5436979	5435879	0.43	cps
Lithium	6-1	5155674	5114763	5098056	5122831	0.58	cps
Magnesium	24-2	95119215	95755838	95490529	95455194	0.34	cps
Manganese	55-2	2965946	2971507	2960317	2965923	0.19	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:01:16	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	11371572	11324221	11254279	11316691	0.52	cps
Molybdenum	98-1	28940509	28875056	28831499	28882354	0.19	cps
Molybdenum	94-1	14803834	14699525	14689723	14731027	0.43	cps
Molybdenum	95-1	18099994	18001304	18088882	18063393	0.30	cps
Molybdenum	96-1	20127860	20016402	20075645	20073303	0.28	cps
Neodymium	150-1	673	687	647	669	3.04	cps
Neodymium	150-2	90	70	87	82	13.03	cps
Nickel	60-2	994485	983732	984565	987594	0.61	cps
Phosphorus	31-2	100026	98180	97855	98687	1.19	cps
Potassium	39-2	47698958	48165880	47826590	47897143	0.50	cps
Rhodium	103-1	15888653	15837294	15684109	15803352	0.67	cps
Rhodium	103-2	7897141	7984833	7874218	7918731	0.74	cps
Scandium	45-1	12246816	12144380	12095880	12162359	0.63	cps
Scandium	45-2	603022	608781	600749	604184	0.69	cps
Selenium	77-2	6885	7079	6965	6976	1.39	cps
Selenium	78-2	23096	23532	23361	23330	0.94	cps
Selenium	82-1	133300	131946	132255	132500	0.54	cps
Silicon	28-1	5353511	5332438	5391682	5359210	0.56	cps
Silver	109-1	8510785	8462245	8485023	8486018	0.29	cps
Silver	107-1	8884388	8894632	8908714	8895912	0.14	cps
Sodium	23-2	184182937	184712775	184935129	184610281	0.21	cps
Strontium	86-1	2323808	2312548	2338201	2324852	0.55	cps
Strontium	88-1	20503298	20405202	20400100	20436200	0.28	cps
Sulfur	34-1	1287816	1292271	1291965	1290684	0.19	cps
Terbium	159-1	23835495	23763750	23559322	23719523	0.60	cps
Terbium	159-2	12017016	11990808	11956974	11988266	0.25	cps
Thallium	203-1	6888171	6879645	6881554	6883123	0.07	cps
Thallium	205-1	16370479	16339059	16386428	16365322	0.15	cps
Thorium	232-1	23939423	24041255	23937314	23972664	0.25	cps
Tin	118-1	5856717	5825857	5784916	5822497	0.62	cps
Titanium	47-1	5335757	5333498	5348340	5339199	0.15	cps
Uranium	238-1	22869171	23042532	22820905	22910869	0.51	cps
Vanadium	51-2	1992454	1986620	1988948	1989341	0.15	cps
Yttrium	89-1	19174715	18968320	19024306	19055780	0.56	cps
Yttrium	89-2	3043372	3039546	3025265	3036061	0.31	cps
Zinc	66-2	742875	746465	742505	743948	0.29	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:01:16	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12593166	12479196	12547278	12539880	0.46	cps
Zirconium	91-1	2798449	2780031	2790099	2789526	0.33	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	133	142	122	21.92	cps
Antimony	121-1	1717	1567	1517	1600	6.51	cps
Arsenic	75-2	13	24	17	18	31.60	cps
Barium	135-1	75	33	117	75	55.56	cps
Barium	137-1	100	67	75	81	21.53	cps
Beryllium	9-1	106	139	128	124	13.68	cps
Bismuth	209-1	14886746	14853644	14773509	14837966	0.39	cps
Bismuth	209-2	8318002	8416467	8330844	8355105	0.64	cps
Boron	11-1	15542	16493	16068	16034	2.97	cps
Boron	10-1	3442	3259	3250	3317	3.27	cps
Cadmium	106-1	7953	8194	8311	8153	2.24	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Cadmium	111-1	5610	5765	5827	5734	1.95	cps
Calcium	43-1	392	308	292	331	16.21	cps
Calcium	44-1	16602	16543	16660	16602	0.35	cps
Chromium	52-2	813	883	873	857	4.42	cps
Cobalt	59-2	100	70	83	84	17.80	cps
Copper	63-2	1337	1240	1370	1316	5.13	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	108	117	50	92	39.63	cps
Erbium	164-2	50	23	23	32	47.79	cps
Gadolinium	160-1	117	267	200	194	38.65	cps
Gadolinium	160-2	353	340	307	333	7.21	cps
Holmium	165-1	23618771	23476022	23668445	23587746	0.42	cps
Holmium	165-2	12350018	12318102	12371327	12346482	0.22	cps
Indium	115-1	19086746	19309406	18972924	19123025	0.89	cps
Indium	115-2	4100812	4089729	4120606	4103716	0.38	cps
Iron	56-2	11855	11466	11460	11594	1.95	cps
Iron	57-2	506	528	450	494	8.10	cps
Lead	207-1	594	561	539	565	4.95	cps
Lead	208-1	2672	2595	2406	2558	5.36	cps
Lead	206-1	711	644	544	633	13.25	cps
Lithium	6-1	5355795	5326933	5356186	5346305	0.31	cps
Magnesium	24-2	675	708	717	700	3.15	cps
Manganese	55-2	57	50	53	53	6.25	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2717	2742	2584	2681	3.18	cps
Molybdenum	98-1	7169	7010	6494	6891	5.12	cps
Molybdenum	94-1	3759	3209	2667	3212	17.00	cps
Molybdenum	95-1	4176	4359	4151	4229	2.69	cps
Molybdenum	96-1	4551	4976	4401	4643	6.43	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	37	40	43	20.34	cps
Phosphorus	31-2	517	383	508	469	15.91	cps
Potassium	39-2	43256	43975	43364	43532	0.89	cps
Rhodium	103-1	17889750	17854864	17699056	17814557	0.57	cps
Rhodium	103-2	8900970	8931170	8954848	8928996	0.30	cps
Scandium	45-1	12649591	12632152	12568499	12616747	0.34	cps
Scandium	45-2	616980	622486	623414	620960	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	133	135	115	28.26	cps
Selenium	82-1	-30	3	-101	-43	-124.57	cps
Silicon	28-1	399107	403558	399816	400827	0.60	cps
Silver	109-1	333	308	325	322	3.95	cps
Silver	107-1	383	417	325	375	12.37	cps
Sodium	23-2	30114	30390	29981	30162	0.69	cps
Strontium	86-1	1142	1142	1108	1131	1.70	cps
Strontium	88-1	258	283	317	286	10.23	cps
Sulfur	34-1	489649	489858	498707	492738	1.05	cps
Terbium	159-1	24260215	24135208	23802105	24065843	0.98	cps
Terbium	159-2	12310541	12404911	12340792	12352082	0.39	cps
Thallium	203-1	1050	942	925	972	6.98	cps
Thallium	205-1	2300	2517	2434	2417	4.52	cps
Thorium	232-1	2284	2034	1967	2095	7.97	cps
Tin	118-1	2309	2334	2342	2328	0.75	cps
Titanium	47-1	275	175	258	236	22.69	cps
Uranium	238-1	267	167	233	222	22.91	cps
Vanadium	51-2	27	27	7	20	57.73	cps
Yttrium	89-1	19780572	19782090	19754003	19772222	0.08	cps
Yttrium	89-2	3138459	3154306	3152374	3148380	0.27	cps
Zinc	66-2	2647	2764	2714	2708	2.16	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2159	2342	2392	2298	5.35	cps
Zirconium	91-1	425	450	558	478	14.84	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:12:12	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3534	3175	3484	3398	5.71	cps
Antimony	121-1	25900	26801	26000	26234	1.88	cps
Arsenic	75-2	594	600	574	590	2.32	cps
Barium	135-1	32781	33333	33024	33046	0.84	cps
Barium	137-1	57144	57771	58826	57913	1.47	cps
Beryllium	9-1	3217	3595	3634	3482	6.61	cps
Bismuth	209-1	14001405	14017434	14088601	14035813	0.33	cps
Bismuth	209-2	8043827	8018612	8017694	8026711	0.18	cps
Boron	11-1	65861	68540	70624	68342	3.49	cps
Boron	10-1	13857	14399	14583	14279	2.64	cps
Cadmium	106-1	8303	8411	8494	8403	1.14	cps
Cadmium	108-1	321	267	254	281	12.63	cps
Cadmium	111-1	9584	9239	9269	9364	2.04	cps
Calcium	43-1	22660	21066	21725	21817	3.67	cps
Calcium	44-1	367253	362031	369238	366174	1.02	cps
Chromium	52-2	11191	10944	11058	11064	1.12	cps
Cobalt	59-2	8029	8096	7892	8006	1.30	cps
Copper	63-2	11952	12212	12309	12157	1.52	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	58	92	83	78	22.30	cps
Erbium	164-2	50	67	73	63	18.98	cps
Gadolinium	160-1	158	217	175	183	16.39	cps
Gadolinium	160-2	377	363	327	356	7.28	cps
Holmium	165-1	22447976	22350976	22767969	22522307	0.97	cps
Holmium	165-2	11855487	11818239	11834309	11836012	0.16	cps
Indium	115-1	18309870	18391252	18466017	18389047	0.42	cps
Indium	115-2	3959275	3928868	3968930	3952358	0.53	cps
Iron	56-2	220007	220549	220169	220241	0.13	cps
Iron	57-2	5629	6201	6001	5944	4.89	cps
Lead	207-1	9643	9987	9643	9758	2.04	cps
Lead	208-1	45060	45215	45310	45195	0.28	cps
Lead	206-1	10738	11255	11327	11107	2.89	cps
Lithium	6-1	5114550	5139859	5198566	5150992	0.84	cps
Magnesium	24-2	187779	188630	189601	188670	0.48	cps
Manganese	55-2	3197	3047	2964	3069	3.85	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:12:12	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	22736	22276	22151	22388	1.37	cps
Molybdenum	98-1	58212	59240	57257	58236	1.70	cps
Molybdenum	94-1	30024	30041	30367	30144	0.64	cps
Molybdenum	95-1	36155	36105	37250	36503	1.77	cps
Molybdenum	96-1	39957	39138	41111	40068	2.47	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	2457	2277	2397	2377	3.86	cps
Phosphorus	31-2	517	442	533	497	9.82	cps
Potassium	39-2	228263	225777	229041	227694	0.75	cps
Rhodium	103-1	16956749	17042559	17320513	17106607	1.11	cps
Rhodium	103-2	8641344	8549115	8712633	8634364	0.95	cps
Scandium	45-1	12205935	12282277	12347551	12278588	0.58	cps
Scandium	45-2	601942	603882	605326	603717	0.28	cps
Selenium	77-2	90	77	80	82	8.44	cps
Selenium	78-2	415	383	359	386	7.22	cps
Selenium	82-1	1353	1427	1578	1453	7.88	cps
Silicon	28-1	561074	555380	562871	559775	0.70	cps
Silver	109-1	17420	18279	18112	17937	2.54	cps
Silver	107-1	18237	18579	18755	18524	1.42	cps
Sodium	23-2	380835	384762	387510	384369	0.87	cps
Strontium	86-1	5726	5860	5476	5687	3.42	cps
Strontium	88-1	40107	40007	40917	40344	1.24	cps
Sulfur	34-1	522383	524329	521071	522594	0.31	cps
Terbium	159-1	22859225	23231275	23319489	23136663	1.06	cps
Terbium	159-2	11839239	11744637	11824911	11802929	0.43	cps
Thallium	203-1	14317	13724	14375	14139	2.55	cps
Thallium	205-1	33560	33819	33518	33632	0.48	cps
Thorium	232-1	44427	45158	44070	44552	1.25	cps
Tin	118-1	59862	59209	59862	59644	0.63	cps
Titanium	47-1	10262	9887	9887	10012	2.16	cps
Uranium	238-1	43734	42621	44427	43594	2.09	cps
Vanadium	51-2	19296	19039	18762	19032	1.40	cps
Yttrium	89-1	18945038	18932550	19162757	19013448	0.68	cps
Yttrium	89-2	3050528	3029217	3070338	3050027	0.67	cps
Zinc	66-2	4281	4224	4314	4273	1.07	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:12:12	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	26058	26484	26133	26225	0.87	cps
Zirconium	91-1	5751	5276	5926	5651	5.95	cps

LB Number : LB97642 Operator : Jaswal
 Lab Sample ID : PB112485BL Instrumnet Name : P7
 Client Sample ID : PB112485BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-30 14:15:46 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	242	208	219	8.77	cps
Antimony	121-1	533	458	533	508	8.52	cps
Arsenic	75-2	67	13	9	30	108.45	cps
Barium	135-1	100	75	108	94	18.37	cps
Barium	137-1	133	117	200	150	29.40	cps
Beryllium	9-1	78	94	122	98	22.88	cps
Bismuth	209-1	13928976	13836995	13861679	13875883	0.34	cps
Bismuth	209-2	7827949	7863481	7838376	7843269	0.23	cps
Boron	11-1	11655	11380	11180	11405	2.09	cps
Boron	10-1	2359	2442	2317	2373	2.68	cps
Cadmium	106-1	7811	7694	8803	8103	7.52	cps
Cadmium	108-1	33	25	13	24	44.41	cps
Cadmium	111-1	5469	5406	6178	5685	7.55	cps
Calcium	43-1	375	383	358	372	3.42	cps
Calcium	44-1	17402	17136	16969	17169	1.27	cps
Chromium	52-2	830	863	820	838	2.71	cps
Cobalt	59-2	140	127	110	126	11.97	cps
Copper	63-2	1247	1153	1220	1207	3.98	cps
Dysprosium	156-1	50	0	17	22	114.56	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	42	83	83	69	34.64	cps
Erbium	164-2	30	33	33	32	5.97	cps
Gadolinium	160-1	150	250	192	197	25.47	cps
Gadolinium	160-2	357	363	387	369	4.27	cps
Holmium	165-1	22441018	22515479	22478870	22478456	0.17	cps
Holmium	165-2	11720433	11704594	11711515	11712181	0.07	cps
Indium	115-1	18374943	18258164	18191901	18275003	0.51	cps
Indium	115-2	3940735	3929252	3927316	3932434	0.18	cps
Iron	56-2	15191	13468	12962	13874	8.43	cps
Iron	57-2	589	550	517	552	6.55	cps
Lead	207-1	433	444	522	467	10.38	cps
Lead	208-1	2028	2078	2139	2082	2.67	cps
Lead	206-1	589	511	500	533	9.08	cps
Lithium	6-1	5165601	5195711	5142120	5167811	0.52	cps
Magnesium	24-2	1167	1233	900	1100	16.04	cps
Manganese	55-2	97	57	53	69	35.01	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	PB112485BL	Instrumnet Name :	P7
Client Sample ID :	PB112485BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:15:46	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	950	1042	883	958	8.30	cps
Molybdenum	98-1	2359	2634	2409	2467	5.94	cps
Molybdenum	94-1	1467	1450	1333	1417	5.13	cps
Molybdenum	95-1	1417	1667	1600	1561	8.29	cps
Molybdenum	96-1	1934	1809	1684	1809	6.91	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	97	63	60	73	27.65	cps
Phosphorus	31-2	333	417	525	425	22.61	cps
Potassium	39-2	43189	42846	43097	43044	0.41	cps
Rhodium	103-1	17121267	17197733	16968440	17095813	0.68	cps
Rhodium	103-2	8586744	8575292	8610263	8590766	0.21	cps
Scandium	45-1	12247579	12215302	12152500	12205127	0.40	cps
Scandium	45-2	606548	603172	606211	605310	0.31	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	141	119	131	130	8.57	cps
Selenium	82-1	45	0	115	53	108.63	cps
Silicon	28-1	409919	411929	412263	411370	0.31	cps
Silver	109-1	208	183	292	228	24.90	cps
Silver	107-1	250	317	342	303	15.65	cps
Sodium	23-2	26624	26007	25798	26143	1.64	cps
Strontium	86-1	1050	1167	1133	1117	5.38	cps
Strontium	88-1	192	283	292	256	21.71	cps
Sulfur	34-1	539481	542846	544420	542249	0.47	cps
Terbium	159-1	23123498	22987089	22940859	23017149	0.41	cps
Terbium	159-2	11706158	11640997	11664257	11670471	0.28	cps
Thallium	203-1	817	633	875	775	16.27	cps
Thallium	205-1	1575	1717	1775	1689	6.09	cps
Thorium	232-1	1145	1128	1022	1098	6.04	cps
Tin	118-1	1900	1834	1934	1889	2.70	cps
Titanium	47-1	175	233	233	214	15.75	cps
Uranium	238-1	242	242	175	219	17.54	cps
Vanadium	51-2	30	23	13	22	37.76	cps
Yttrium	89-1	18961035	19011078	18859233	18943782	0.41	cps
Yttrium	89-2	3048349	3050396	3052296	3050347	0.06	cps
Zinc	66-2	2604	2457	2540	2534	2.90	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	PB112485BL	Instrumnet Name :	P7
Client Sample ID :	PB112485BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:15:46	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1809	1967	1925	1900	4.32	cps
Zirconium	91-1	367	367	375	369	1.30	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	PB112485BS	Instrumnet Name :	P7
Client Sample ID :	PB112485BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:19:20	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1695750	1677310	1700619	1691226	0.73	cps
Antimony	121-1	6736273	6666706	6856052	6753010	1.42	cps
Arsenic	75-2	266327	267613	265621	266520	0.38	cps
Barium	135-1	8528187	8457417	8591734	8525779	0.79	cps
Barium	137-1	14882742	14857061	15158199	14966001	1.12	cps
Beryllium	9-1	1721797	1713872	1727331	1721000	0.39	cps
Bismuth	209-1	13960789	13808146	14209450	13992795	1.45	cps
Bismuth	209-2	7939889	7885464	7910077	7911810	0.34	cps
Boron	11-1	1144627	1153021	1179397	1159015	1.57	cps
Boron	10-1	240947	245200	248873	245007	1.62	cps
Cadmium	106-1	214729	212937	216285	214650	0.78	cps
Cadmium	108-1	144322	142294	144852	143822	0.94	cps
Cadmium	111-1	1866822	1865153	1904790	1878922	1.19	cps
Calcium	43-1	2257290	2225192	2282849	2255110	1.28	cps
Calcium	44-1	37461243	36710485	37748379	37306702	1.44	cps
Chromium	52-2	2428307	2414679	2406279	2416422	0.46	cps
Cobalt	59-2	3909822	3884630	3871058	3888504	0.51	cps
Copper	63-2	5468696	5479341	5415319	5454452	0.63	cps
Dysprosium	156-1	183	175	175	178	2.71	cps
Dysprosium	156-2	140	117	133	130	9.24	cps
Erbium	164-1	158	100	92	117	31.14	cps
Erbium	164-2	63	37	30	43	40.70	cps
Gadolinium	160-1	158	267	233	219	25.29	cps
Gadolinium	160-2	347	387	323	352	9.09	cps
Holmium	165-1	23129582	22825886	23300595	23085355	1.04	cps
Holmium	165-2	12229767	12112549	12098038	12146785	0.59	cps
Indium	115-1	17943598	17873903	18322346	18046616	1.34	cps
Indium	115-2	3847194	3878235	3810033	3845154	0.89	cps
Iron	56-2	102892127	102932700	102771819	102865549	0.08	cps
Iron	57-2	2551872	2555798	2560358	2556009	0.17	cps
Lead	207-1	4923946	4891758	5063841	4959848	1.84	cps
Lead	208-1	22086852	22023489	22554404	22221582	1.30	cps
Lead	206-1	5551859	5484615	5643965	5560146	1.44	cps
Lithium	6-1	5275500	5223348	5311171	5270006	0.84	cps
Magnesium	24-2	19442114	19345216	19559533	19448954	0.55	cps
Manganese	55-2	2954399	2966680	2940577	2953885	0.44	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	PB112485BS	Instrumnet Name :	P7
Client Sample ID :	PB112485BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:19:20	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	11099818	11025284	11281462	11135522	1.18	cps
Molybdenum	98-1	28278898	28014643	28794707	28362749	1.40	cps
Molybdenum	94-1	14582648	14345115	14711663	14546475	1.28	cps
Molybdenum	95-1	17749971	17573044	18080014	17801009	1.45	cps
Molybdenum	96-1	19649031	19439813	19915665	19668169	1.21	cps
Neodymium	150-1	613	633	580	609	4.42	cps
Neodymium	150-2	40	40	73	51	37.65	cps
Nickel	60-2	1012613	1013555	1002646	1009604	0.60	cps
Phosphorus	31-2	100890	100705	98969	100188	1.06	cps
Potassium	39-2	9459517	9416711	9389731	9421986	0.37	cps
Rhodium	103-1	16541683	16459473	16627563	16542906	0.51	cps
Rhodium	103-2	8392163	8364203	8312566	8356311	0.48	cps
Scandium	45-1	12178804	11930752	12273320	12127625	1.46	cps
Scandium	45-2	602736	602328	606088	603717	0.34	cps
Selenium	77-2	7249	7385	7269	7301	1.01	cps
Selenium	78-2	24857	24862	25075	24931	0.50	cps
Selenium	82-1	143461	141916	144090	143155	0.78	cps
Silicon	28-1	5279980	5220422	5335952	5278785	1.09	cps
Silver	109-1	8868825	8832190	9076505	8925840	1.48	cps
Silver	107-1	9331604	9276718	9440600	9349641	0.89	cps
Sodium	23-2	37344676	37252570	37167934	37255060	0.24	cps
Strontium	86-1	2284880	2284180	2330776	2299945	1.16	cps
Strontium	88-1	20221631	20073735	20473311	20256225	1.00	cps
Sulfur	34-1	1333389	1294911	1314601	1314301	1.46	cps
Terbium	159-1	23672197	23412391	24109673	23731420	1.48	cps
Terbium	159-2	12126008	12114071	12147615	12129231	0.14	cps
Thallium	203-1	6952718	6891093	7113459	6985757	1.64	cps
Thallium	205-1	16471145	16463761	17010497	16648468	1.88	cps
Thorium	232-1	23508401	23421570	24046803	23658925	1.43	cps
Tin	118-1	5800655	5763384	5941257	5835099	1.61	cps
Titanium	47-1	5247045	5141686	5243614	5210782	1.15	cps
Uranium	238-1	22447661	22413001	23031781	22630814	1.54	cps
Vanadium	51-2	1971680	1971884	1965380	1969648	0.19	cps
Yttrium	89-1	19142417	18944807	19265243	19117489	0.85	cps
Yttrium	89-2	3028814	3017544	3015171	3020510	0.24	cps
Zinc	66-2	841763	842479	839776	841339	0.17	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	PB112485BS	Instrumnet Name :	P7
Client Sample ID :	PB112485BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:19:20	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12240134	12125490	12376125	12247250	1.02	cps
Zirconium	91-1	2746421	2700291	2775262	2740658	1.38	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:22:56	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16902	16159	15333	16131	4.86	cps
Antimony	121-1	6560	7527	8019	7369	10.07	cps
Arsenic	75-2	504	457	446	469	6.49	cps
Barium	135-1	35246	35714	34686	35215	1.46	cps
Barium	137-1	61947	60666	60039	60884	1.60	cps
Beryllium	9-1	211	200	217	209	4.05	cps
Bismuth	209-1	16444429	16406959	16026942	16292777	1.42	cps
Bismuth	209-2	8936887	8953649	8885648	8925395	0.40	cps
Boron	11-1	72541	68715	64973	68743	5.50	cps
Boron	10-1	14983	14357	13748	14363	4.30	cps
Cadmium	106-1	9037	8520	8420	8659	3.82	cps
Cadmium	108-1	58	75	42	58	28.57	cps
Cadmium	111-1	6401	6024	5956	6127	3.92	cps
Calcium	43-1	199680	198610	194325	197539	1.43	cps
Calcium	44-1	3323763	3316799	3256186	3298916	1.13	cps
Chromium	52-2	2980	2887	2757	2875	3.90	cps
Cobalt	59-2	377	320	350	349	8.13	cps
Copper	63-2	240530	240693	238817	240014	0.43	cps
Dysprosium	156-1	117	67	117	100	28.87	cps
Dysprosium	156-2	43	57	50	50	13.34	cps
Erbium	164-1	142	158	117	139	15.10	cps
Erbium	164-2	63	100	73	79	24.03	cps
Gadolinium	160-1	325	258	267	283	12.82	cps
Gadolinium	160-2	400	367	433	400	8.33	cps
Holmium	165-1	26495225	26313692	25822869	26210595	1.33	cps
Holmium	165-2	13257424	13301180	13170892	13243165	0.50	cps
Indium	115-1	21275195	21240325	20738163	21084561	1.43	cps
Indium	115-2	4369048	4380672	4320623	4356781	0.73	cps
Iron	56-2	104464	104705	102294	103821	1.28	cps
Iron	57-2	3784	3873	3623	3760	3.37	cps
Lead	207-1	15671	15198	15504	15458	1.55	cps
Lead	208-1	72634	71694	70619	71649	1.41	cps
Lead	206-1	18869	18552	18179	18534	1.86	cps
Lithium	6-1	6161515	6182436	6072943	6138965	0.95	cps
Magnesium	24-2	509388	501683	499442	503504	1.04	cps
Manganese	55-2	23372	22628	22791	22930	1.71	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:22:56	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	9262	8111	7319	8231	11.87	cps
Molybdenum	98-1	24321	21876	19873	22023	10.12	cps
Molybdenum	94-1	9879	9362	8661	9301	6.57	cps
Molybdenum	95-1	14867	13065	11455	13129	13.00	cps
Molybdenum	96-1	16410	14933	12840	14728	12.18	cps
Neodymium	150-1	73	147	93	104	36.29	cps
Neodymium	150-2	30	37	23	30	22.23	cps
Nickel	60-2	2730	2974	2977	2894	4.89	cps
Phosphorus	31-2	28469	28228	28779	28492	0.97	cps
Potassium	39-2	12585510	12445452	12429346	12486769	0.69	cps
Rhodium	103-1	19352022	19192900	18703056	19082659	1.77	cps
Rhodium	103-2	9400874	9448932	9398750	9416185	0.30	cps
Scandium	45-1	13988208	13881612	13602423	13824081	1.44	cps
Scandium	45-2	660507	668461	660174	663048	0.71	cps
Selenium	77-2	3	13	13	10	57.75	cps
Selenium	78-2	107	117	104	109	6.11	cps
Selenium	82-1	97	53	70	73	30.43	cps
Silicon	28-1	149022912	148679291	145838032	147846745	1.18	cps
Silver	109-1	2325	2534	2759	2539	8.54	cps
Silver	107-1	2334	2467	2734	2511	8.11	cps
Sodium	23-2	25582735	25434933	25285083	25434250	0.59	cps
Strontium	86-1	123813	124663	121174	123216	1.48	cps
Strontium	88-1	1073658	1069328	1048093	1063693	1.29	cps
Sulfur	34-1	793837	804603	805957	801466	0.83	cps
Terbium	159-1	27048765	26961691	26108357	26706271	1.95	cps
Terbium	159-2	13179500	13270541	13064505	13171515	0.78	cps
Thallium	203-1	3726	3059	2467	3084	20.42	cps
Thallium	205-1	8503	7161	6035	7233	17.08	cps
Thorium	232-1	7797	7180	6363	7113	10.11	cps
Tin	118-1	20324	20866	19589	20260	3.16	cps
Titanium	47-1	6318	6185	5876	6126	3.70	cps
Uranium	238-1	892	950	1067	970	9.19	cps
Vanadium	51-2	743	810	820	791	5.27	cps
Yttrium	89-1	21825321	21725222	21230865	21593803	1.47	cps
Yttrium	89-2	3329188	3355578	3301755	3328841	0.81	cps
Zinc	66-2	116484	117226	115898	116536	0.57	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:22:56	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5401	4793	4192	4795	12.60	cps
Zirconium	91-1	1350	1067	917	1111	19.81	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-02	Instrumnet Name :	P7
Client Sample ID :	128-2-30-SEC-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13674	12923	13281	13293	2.83	cps
Antimony	121-1	3484	3817	4151	3817	8.73	cps
Arsenic	75-2	157	213	224	198	18.03	cps
Barium	135-1	39340	41764	39031	40045	3.74	cps
Barium	137-1	69474	68779	67950	68734	1.11	cps
Beryllium	9-1	106	150	128	128	17.39	cps
Bismuth	209-1	16383709	16138770	16266437	16262972	0.75	cps
Bismuth	209-2	8761339	8853462	8775466	8796756	0.56	cps
Boron	11-1	49483	51112	50778	50458	1.71	cps
Boron	10-1	10913	10938	10771	10874	0.83	cps
Cadmium	106-1	9153	8720	8278	8717	5.02	cps
Cadmium	108-1	8	25	29	21	52.93	cps
Cadmium	111-1	6443	6124	5853	6140	4.81	cps
Calcium	43-1	290739	289414	286281	288811	0.79	cps
Calcium	44-1	4771401	4756407	4743656	4757154	0.29	cps
Chromium	52-2	1760	1907	1880	1849	4.23	cps
Cobalt	59-2	260	257	317	278	12.14	cps
Copper	63-2	336608	338047	339421	338025	0.42	cps
Dysprosium	156-1	100	117	108	108	7.69	cps
Dysprosium	156-2	33	60	57	50	29.06	cps
Erbium	164-1	150	200	242	197	23.27	cps
Erbium	164-2	53	77	90	73	25.31	cps
Gadolinium	160-1	242	300	317	286	13.76	cps
Gadolinium	160-2	403	470	323	399	18.41	cps
Holmium	165-1	26145529	26029143	25821506	25998726	0.63	cps
Holmium	165-2	13080901	13100914	13040728	13074181	0.23	cps
Indium	115-1	21383841	21368997	21362857	21371898	0.05	cps
Indium	115-2	4356215	4369266	4336832	4354104	0.37	cps
Iron	56-2	103831	105403	103751	104328	0.89	cps
Iron	57-2	4356	4240	4262	4286	1.45	cps
Lead	207-1	3223	2962	3289	3158	5.49	cps
Lead	208-1	14698	14109	14042	14283	2.53	cps
Lead	206-1	3884	3517	3545	3649	5.60	cps
Lithium	6-1	6228577	6240984	6284603	6251388	0.47	cps
Magnesium	24-2	629913	631462	622594	627990	0.75	cps
Manganese	55-2	27132	27623	27309	27354	0.91	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-02	Instrumnet Name :	P7
Client Sample ID :	128-2-30-SEC-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2409	2517	2409	2445	2.56	cps
Molybdenum	98-1	6777	6602	6460	6613	2.40	cps
Molybdenum	94-1	3467	3242	3426	3378	3.54	cps
Molybdenum	95-1	4051	4401	3667	4040	9.08	cps
Molybdenum	96-1	4851	4359	4601	4604	5.34	cps
Neodymium	150-1	100	100	73	91	16.89	cps
Neodymium	150-2	40	53	40	44	17.32	cps
Nickel	60-2	1057	1063	1117	1079	3.05	cps
Phosphorus	31-2	7110	7260	7919	7430	5.79	cps
Potassium	39-2	1596674	1604857	1598476	1600002	0.27	cps
Rhodium	103-1	19445713	19503423	19487567	19478901	0.15	cps
Rhodium	103-2	9511790	9568296	9443464	9507850	0.66	cps
Scandium	45-1	13923098	13861109	13836913	13873707	0.32	cps
Scandium	45-2	665509	665008	662316	664277	0.26	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	109	93	96	99	8.81	cps
Selenium	82-1	9	67	122	66	85.93	cps
Silicon	28-1	15497826	15464619	15364956	15442467	0.45	cps
Silver	109-1	2484	2625	2850	2653	6.97	cps
Silver	107-1	2625	2525	3059	2736	10.36	cps
Sodium	23-2	10039360	10161697	9951639	10050899	1.05	cps
Strontium	86-1	162232	161388	160908	161509	0.42	cps
Strontium	88-1	1397515	1396324	1381082	1391641	0.66	cps
Sulfur	34-1	539918	539903	540020	539947	0.01	cps
Terbium	159-1	26846579	26767365	26777232	26797058	0.16	cps
Terbium	159-2	12990644	13017897	13120260	13042934	0.52	cps
Thallium	203-1	1025	1008	1258	1097	12.74	cps
Thallium	205-1	2525	2725	2584	2611	3.94	cps
Thorium	232-1	2767	2556	2706	2676	4.06	cps
Tin	118-1	10196	9695	9378	9757	4.22	cps
Titanium	47-1	1692	2017	1867	1859	8.75	cps
Uranium	238-1	700	867	850	806	11.40	cps
Vanadium	51-2	830	887	870	862	3.38	cps
Yttrium	89-1	21560526	21737843	21735187	21677852	0.47	cps
Yttrium	89-2	3326473	3329212	3317120	3324268	0.19	cps
Zinc	66-2	29714	30452	30038	30068	1.23	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-02	Instrumnet Name :	P7
Client Sample ID :	128-2-30-SEC-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3267	3501	3276	3348	3.95	cps
Zirconium	91-1	675	742	642	686	7.42	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-03	Instrumnet Name :	P7
Client Sample ID :	128-3-3-MIN-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:30:08	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14407	15275	14241	14641	3.79	cps
Antimony	121-1	3384	3934	3901	3740	8.25	cps
Arsenic	75-2	172	144	150	156	9.45	cps
Barium	135-1	49196	50986	51103	50428	2.12	cps
Barium	137-1	87660	88145	84381	86729	2.36	cps
Beryllium	9-1	144	172	106	141	23.79	cps
Bismuth	209-1	16340596	16091759	15961208	16131188	1.19	cps
Bismuth	209-2	8739861	8682704	8607895	8676820	0.76	cps
Boron	11-1	43162	43914	41767	42948	2.54	cps
Boron	10-1	8853	9612	8995	9153	4.41	cps
Cadmium	106-1	8486	8595	9095	8725	3.72	cps
Cadmium	108-1	17	54	13	28	82.61	cps
Cadmium	111-1	5970	6041	6429	6147	4.01	cps
Calcium	43-1	303625	305411	302450	303829	0.49	cps
Calcium	44-1	5060182	5001668	4948492	5003447	1.12	cps
Chromium	52-2	1623	1700	1630	1651	2.57	cps
Cobalt	59-2	340	303	303	316	6.71	cps
Copper	63-2	299641	302243	299663	300516	0.50	cps
Dysprosium	156-1	67	67	58	64	7.53	cps
Dysprosium	156-2	60	30	50	47	32.73	cps
Erbium	164-1	142	158	117	139	15.10	cps
Erbium	164-2	63	57	60	60	5.55	cps
Gadolinium	160-1	192	308	225	242	24.87	cps
Gadolinium	160-2	340	327	293	320	7.51	cps
Holmium	165-1	26225614	25809496	25403241	25812784	1.59	cps
Holmium	165-2	13019837	12934270	12780209	12911439	0.94	cps
Indium	115-1	21470152	21199703	20926207	21198687	1.28	cps
Indium	115-2	4331341	4352848	4285241	4323143	0.80	cps
Iron	56-2	71273	69275	73606	71385	3.04	cps
Iron	57-2	3534	3645	3317	3499	4.77	cps
Lead	207-1	8364	8219	8175	8253	1.20	cps
Lead	208-1	38434	38078	37633	38048	1.05	cps
Lead	206-1	9809	9670	9309	9596	2.69	cps
Lithium	6-1	6297665	6235657	6232612	6255311	0.59	cps
Magnesium	24-2	551998	550685	539947	547544	1.21	cps
Manganese	55-2	27159	27579	27299	27346	0.78	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-03	Instrumnet Name :	P7
Client Sample ID :	128-3-3-MIN-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:30:08	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1542	1433	1533	1503	4.01	cps
Molybdenum	98-1	3909	3626	3626	3720	4.40	cps
Molybdenum	94-1	4072	2217	2392	2894	35.40	cps
Molybdenum	95-1	2700	2809	2517	2675	5.51	cps
Molybdenum	96-1	2859	2875	2900	2878	0.73	cps
Neodymium	150-1	47	47	73	56	27.71	cps
Neodymium	150-2	23	27	27	26	7.55	cps
Nickel	60-2	2517	2387	2284	2396	4.88	cps
Phosphorus	31-2	5543	5335	5176	5351	3.44	cps
Potassium	39-2	804783	806808	788144	799912	1.28	cps
Rhodium	103-1	19541535	19357920	19261697	19387051	0.73	cps
Rhodium	103-2	9458806	9487245	9289384	9411812	1.14	cps
Scandium	45-1	13975663	13864734	13653573	13831323	1.18	cps
Scandium	45-2	661897	662841	656232	660323	0.54	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	100	102	119	107	9.55	cps
Selenium	82-1	20	-21	58	19	208.86	cps
Silicon	28-1	11181750	11221727	10997223	11133567	1.08	cps
Silver	109-1	2317	2392	2517	2409	4.20	cps
Silver	107-1	2492	2742	2509	2581	5.42	cps
Sodium	23-2	9516135	9504887	9408479	9476501	0.62	cps
Strontium	86-1	131581	132431	131170	131727	0.49	cps
Strontium	88-1	1148270	1157918	1140054	1148747	0.78	cps
Sulfur	34-1	554492	565458	569896	563282	1.41	cps
Terbium	159-1	26680341	26487155	26302773	26490090	0.71	cps
Terbium	159-2	12864080	12869225	12714759	12816021	0.68	cps
Thallium	203-1	742	583	683	669	11.96	cps
Thallium	205-1	1717	1467	1525	1570	8.33	cps
Thorium	232-1	1500	1533	1572	1535	2.35	cps
Tin	118-1	14293	13624	61667	29862	92.25	cps
Titanium	47-1	1375	1500	1817	1564	14.57	cps
Uranium	238-1	583	633	417	544	20.84	cps
Vanadium	51-2	860	700	663	741	14.11	cps
Yttrium	89-1	21699994	21646122	21202244	21516120	1.27	cps
Yttrium	89-2	3313956	3303055	3256743	3291252	0.92	cps
Zinc	66-2	35694	35360	35971	35675	0.86	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-03	Instrumnet Name :	P7
Client Sample ID :	128-3-3-MIN-FLASH	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:30:08	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2642	2709	2717	2689	1.53	cps
Zirconium	91-1	642	708	508	619	16.44	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01DUP	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:33:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15717	15609	15358	15561	1.18	cps
Antimony	121-1	4968	4926	5618	5171	7.50	cps
Arsenic	75-2	400	480	457	446	9.22	cps
Barium	135-1	34485	35505	34752	34914	1.51	cps
Barium	137-1	61236	61361	59813	60803	1.41	cps
Beryllium	9-1	111	128	122	120	7.05	cps
Bismuth	209-1	15915718	15943246	15730135	15863033	0.73	cps
Bismuth	209-2	8522392	8516044	8480465	8506300	0.27	cps
Boron	11-1	41992	41123	41157	41424	1.19	cps
Boron	10-1	9020	8828	8703	8850	1.80	cps
Cadmium	106-1	8828	8503	8636	8656	1.89	cps
Cadmium	108-1	42	25	17	28	45.82	cps
Cadmium	111-1	6192	5997	6096	6095	1.60	cps
Calcium	43-1	195195	196263	195993	195817	0.28	cps
Calcium	44-1	3267052	3287097	3252628	3268926	0.53	cps
Chromium	52-2	2918	2514	2447	2626	9.71	cps
Cobalt	59-2	277	243	270	263	6.70	cps
Copper	63-2	232988	232953	234987	233642	0.50	cps
Dysprosium	156-1	158	75	158	131	36.85	cps
Dysprosium	156-2	33	50	63	49	30.75	cps
Erbium	164-1	183	217	158	186	15.73	cps
Erbium	164-2	67	70	67	68	2.84	cps
Gadolinium	160-1	217	308	292	272	17.94	cps
Gadolinium	160-2	307	360	377	348	10.51	cps
Holmium	165-1	25984890	25764851	25631473	25793738	0.69	cps
Holmium	165-2	12644086	12731766	12727326	12701060	0.39	cps
Indium	115-1	20871880	20894232	20611252	20792455	0.76	cps
Indium	115-2	4165033	4214626	4175759	4185139	0.62	cps
Iron	56-2	97606	96945	98152	97568	0.62	cps
Iron	57-2	3417	3645	3589	3551	3.35	cps
Lead	207-1	14197	13780	14770	14249	3.49	cps
Lead	208-1	65926	65465	66126	65839	0.52	cps
Lead	206-1	17223	16905	16972	17034	0.98	cps
Lithium	6-1	6209897	6282961	6193128	6228662	0.77	cps
Magnesium	24-2	487013	488389	488448	487950	0.17	cps
Manganese	55-2	22053	22184	22547	22261	1.15	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01DUP	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:33:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1517	1342	1558	1472	7.81	cps
Molybdenum	98-1	3726	3817	3967	3837	3.18	cps
Molybdenum	94-1	2417	2384	2300	2367	2.54	cps
Molybdenum	95-1	2334	2484	2434	2417	3.16	cps
Molybdenum	96-1	2934	2975	2767	2892	3.81	cps
Neodymium	150-1	80	107	113	100	17.64	cps
Neodymium	150-2	37	60	30	42	37.31	cps
Nickel	60-2	2864	2714	2634	2737	4.27	cps
Phosphorus	31-2	27969	26984	27560	27504	1.80	cps
Potassium	39-2	12223745	12257771	12226824	12236114	0.15	cps
Rhodium	103-1	19038259	18992434	18796250	18942314	0.68	cps
Rhodium	103-2	9104819	9174906	9133918	9137881	0.39	cps
Scandium	45-1	13656737	13782718	13603408	13680954	0.67	cps
Scandium	45-2	648331	654754	652444	651843	0.50	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	111	126	91	109	16.17	cps
Selenium	82-1	75	67	18	53	58.09	cps
Silicon	28-1	146748770	146996166	147463324	147069420	0.25	cps
Silver	109-1	2017	2242	2259	2172	6.21	cps
Silver	107-1	2309	2392	2492	2398	3.83	cps
Sodium	23-2	24723729	25009718	24875006	24869485	0.58	cps
Strontium	86-1	122729	122401	122503	122544	0.14	cps
Strontium	88-1	1054032	1044140	1038484	1045552	0.75	cps
Sulfur	34-1	813851	814215	821303	816457	0.51	cps
Terbium	159-1	26263525	26454004	26006716	26241415	0.86	cps
Terbium	159-2	12617356	12641070	12678685	12645704	0.24	cps
Thallium	203-1	492	533	467	497	6.77	cps
Thallium	205-1	1058	1025	1000	1028	2.85	cps
Thorium	232-1	1606	1595	1578	1593	0.88	cps
Tin	118-1	18863	20015	17753	18877	5.99	cps
Titanium	47-1	5810	5693	6035	5846	2.97	cps
Uranium	238-1	1345	650	608	868	47.69	cps
Vanadium	51-2	1140	1043	1140	1108	5.04	cps
Yttrium	89-1	21333926	21543401	21297220	21391515	0.62	cps
Yttrium	89-2	3224168	3253550	3216147	3231288	0.61	cps
Zinc	66-2	114222	113735	114387	114115	0.30	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01DUP	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:33:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2925	2967	2975	2956	0.91	cps
Zirconium	91-1	625	650	767	681	11.11	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01LX5	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-30 14:37:20	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2917	2734	2800	2817	3.29	cps
Antimony	121-1	967	1092	1075	1045	6.50	cps
Arsenic	75-2	94	100	67	87	20.52	cps
Barium	135-1	6468	6543	6493	6502	0.59	cps
Barium	137-1	10721	10504	10671	10632	1.07	cps
Beryllium	9-1	94	56	139	96	43.30	cps
Bismuth	209-1	14290616	14113258	14012092	14138656	1.00	cps
Bismuth	209-2	7696697	7689078	7735951	7707242	0.33	cps
Boron	11-1	15876	16243	15475	15864	2.42	cps
Boron	10-1	3501	3417	3259	3392	3.62	cps
Cadmium	106-1	8069	7010	7327	7469	7.28	cps
Cadmium	108-1	25	29	17	24	26.95	cps
Cadmium	111-1	5673	4933	5138	5248	7.28	cps
Calcium	43-1	37658	36212	36137	36669	2.34	cps
Calcium	44-1	607296	605163	602431	604963	0.40	cps
Chromium	52-2	1200	1063	1267	1177	8.81	cps
Cobalt	59-2	103	97	97	99	3.89	cps
Copper	63-2	44976	44511	44672	44719	0.53	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	75	83	92	83	10.00	cps
Erbium	164-2	47	30	40	39	21.57	cps
Gadolinium	160-1	167	167	225	186	18.10	cps
Gadolinium	160-2	303	303	307	304	0.63	cps
Holmium	165-1	22930778	22416463	22641944	22663062	1.14	cps
Holmium	165-2	11561979	11496516	11530160	11529551	0.28	cps
Indium	115-1	18537896	18357717	18256540	18384051	0.78	cps
Indium	115-2	3822269	3815224	3789204	3808899	0.46	cps
Iron	56-2	27332	26714	26474	26840	1.65	cps
Iron	57-2	1022	989	978	996	2.32	cps
Lead	207-1	2923	3084	3428	3145	8.21	cps
Lead	208-1	15204	14831	14770	14935	1.57	cps
Lead	206-1	4084	3995	3612	3897	6.44	cps
Lithium	6-1	5364674	5365788	5293929	5341463	0.77	cps
Magnesium	24-2	90011	89475	88679	89388	0.75	cps
Manganese	55-2	4394	4347	4237	4326	1.86	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01LX5	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-30 14:37:20	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	808	842	767	806	4.67	cps
Molybdenum	98-1	1967	1884	2084	1978	5.08	cps
Molybdenum	94-1	1275	1609	1233	1372	14.98	cps
Molybdenum	95-1	1208	1358	1267	1278	5.92	cps
Molybdenum	96-1	1675	1525	1492	1564	6.24	cps
Neodymium	150-1	7	33	33	24	62.97	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	757	850	790	799	5.92	cps
Phosphorus	31-2	5218	5510	5259	5329	2.96	cps
Potassium	39-2	2214930	2218236	2225429	2219532	0.24	cps
Rhodium	103-1	17369213	16916793	17022408	17102804	1.38	cps
Rhodium	103-2	8446333	8357260	8357919	8387171	0.61	cps
Scandium	45-1	12292125	12136446	12070664	12166412	0.93	cps
Scandium	45-2	588693	587868	586744	587768	0.17	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	133	70	117	107	30.55	cps
Selenium	82-1	104	-34	134	68	132.04	cps
Silicon	28-1	26045810	26106853	25843318	25998661	0.53	cps
Silver	109-1	783	842	792	806	3.92	cps
Silver	107-1	1008	1033	1058	1033	2.42	cps
Sodium	23-2	4470038	4464884	4488423	4474449	0.28	cps
Strontium	86-1	22919	22368	21884	22391	2.31	cps
Strontium	88-1	188100	187629	185881	187203	0.62	cps
Sulfur	34-1	488309	490124	487350	488594	0.29	cps
Terbium	159-1	23365836	23077224	23278694	23240585	0.64	cps
Terbium	159-2	11504506	11404043	11505031	11471193	0.51	cps
Thallium	203-1	242	233	258	244	5.21	cps
Thallium	205-1	708	658	600	656	8.27	cps
Thorium	232-1	1267	1195	1067	1176	8.61	cps
Tin	118-1	5410	5301	4918	5210	4.96	cps
Titanium	47-1	1183	1200	1325	1236	6.26	cps
Uranium	238-1	258	200	183	214	18.41	cps
Vanadium	51-2	290	313	370	324	12.68	cps
Yttrium	89-1	19157158	18999926	18977265	19044783	0.51	cps
Yttrium	89-2	2938992	2917072	2934398	2930154	0.39	cps
Zinc	66-2	26261	26534	26665	26486	0.78	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01LX5	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-30 14:37:20	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1709	1734	1834	1759	3.76	cps
Zirconium	91-1	350	283	400	344	16.99	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MS	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:40:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	371385	366988	371685	370019	0.71	cps
Antimony	121-1	12226265	12094244	12010971	12110493	0.90	cps
Arsenic	75-2	470033	469742	469796	469857	0.03	cps
Barium	135-1	818992	823673	814376	819014	0.57	cps
Barium	137-1	1421516	1427229	1423874	1424206	0.20	cps
Beryllium	9-1	806843	815871	807702	810139	0.62	cps
Bismuth	209-1	15613171	15502772	15400766	15505570	0.69	cps
Bismuth	209-2	8369998	8325346	8281258	8325534	0.53	cps
Boron	11-1	866168	880277	891640	879362	1.45	cps
Boron	10-1	178949	183122	184876	182316	1.67	cps
Cadmium	106-1	85685	86564	85793	86014	0.56	cps
Cadmium	108-1	59629	57726	59110	58822	1.67	cps
Cadmium	111-1	891305	885174	874805	883761	0.94	cps
Calcium	43-1	253396	252943	254917	253752	0.41	cps
Calcium	44-1	4203377	4169512	4188954	4187281	0.41	cps
Chromium	52-2	2103279	2111184	2096531	2103665	0.35	cps
Cobalt	59-2	1728408	1705911	1716897	1717072	0.66	cps
Copper	63-2	2082588	2078746	2081842	2081059	0.10	cps
Dysprosium	156-1	739137	738932	739612	739227	0.05	cps
Dysprosium	156-2	223249	223562	222398	223070	0.27	cps
Erbium	164-1	200	225	250	225	11.11	cps
Erbium	164-2	90	113	120	108	14.62	cps
Gadolinium	160-1	567	475	433	492	13.87	cps
Gadolinium	160-2	470	457	420	449	5.77	cps
Holmium	165-1	25328505	25192463	25333155	25284708	0.32	cps
Holmium	165-2	12608806	12568725	12556565	12578032	0.22	cps
Indium	115-1	20317852	20271526	20037876	20209085	0.74	cps
Indium	115-2	4077935	4070136	4091577	4079883	0.27	cps
Iron	56-2	13712859	13685552	13610820	13669744	0.39	cps
Iron	57-2	341978	339103	342111	341064	0.50	cps
Lead	207-1	11006239	10841131	10868441	10905270	0.81	cps
Lead	208-1	49823437	49283642	49535012	49547364	0.55	cps
Lead	206-1	12620010	12446178	12467746	12511312	0.76	cps
Lithium	6-1	6102924	6107539	6134917	6115127	0.28	cps
Magnesium	24-2	1344485	1337942	1347512	1343313	0.36	cps
Manganese	55-2	656580	653102	656502	655395	0.30	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MS	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:40:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1958866	1975054	1961127	1965015	0.45	cps
Molybdenum	98-1	5110764	5085986	5041365	5079372	0.69	cps
Molybdenum	94-1	1797115	1797584	1791105	1795268	0.20	cps
Molybdenum	95-1	3191807	3173723	3156425	3173985	0.56	cps
Molybdenum	96-1	3417357	3392436	3375011	3394935	0.63	cps
Neodymium	150-1	200	187	260	216	18.12	cps
Neodymium	150-2	87	90	90	89	2.16	cps
Nickel	60-2	1133957	1130807	1128947	1131237	0.22	cps
Phosphorus	31-2	92075	92209	92134	92140	0.07	cps
Potassium	39-2	16454836	16471724	16408142	16444901	0.20	cps
Rhodium	103-1	18752406	18696733	18617176	18688772	0.36	cps
Rhodium	103-2	9074028	9071402	9048578	9064670	0.15	cps
Scandium	45-1	13644581	13518983	13468242	13543936	0.67	cps
Scandium	45-2	650315	644374	645510	646733	0.49	cps
Selenium	77-2	35006	34364	34301	34557	1.13	cps
Selenium	78-2	116616	116194	116688	116499	0.23	cps
Selenium	82-1	698221	699537	699543	699101	0.11	cps
Silicon	28-1	160461391	158038749	158070729	158856956	0.87	cps
Silver	109-1	1470496	1476955	1465153	1470868	0.40	cps
Silver	107-1	1534709	1529114	1525260	1529694	0.31	cps
Sodium	23-2	27625503	27551791	27735586	27637627	0.33	cps
Strontium	86-1	1159732	1146832	1166453	1157672	0.86	cps
Strontium	88-1	10109356	9962639	10030516	10034171	0.73	cps
Sulfur	34-1	814954	807882	814364	812400	0.48	cps
Terbium	159-1	26075215	25949920	25872452	25965863	0.39	cps
Terbium	159-2	12621387	12637815	12431021	12563408	0.91	cps
Thallium	203-1	31232345	31021310	30967682	31073779	0.45	cps
Thallium	205-1	75219302	73660789	73344329	74074807	1.35	cps
Thorium	232-1	2795	2650	2889	2778	4.33	cps
Tin	118-1	9350814	9246110	9145025	9247316	1.11	cps
Titanium	47-1	495130	488606	488497	490744	0.77	cps
Uranium	238-1	700	650	742	697	6.58	cps
Vanadium	51-2	1287836	1282356	1275300	1281831	0.49	cps
Yttrium	89-1	21216143	20992799	21063589	21090844	0.54	cps
Yttrium	89-2	3218020	3180922	3187500	3195481	0.62	cps
Zinc	66-2	309997	311395	310018	310470	0.26	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MS	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:40:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8261	7219	6593	7358	11.45	cps
Zirconium	91-1	3209	2909	2725	2948	8.28	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MSD	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMSC	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:44:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	354387	349551	354142	352693	0.77	cps
Antimony	121-1	11224326	11197171	11101739	11174412	0.58	cps
Arsenic	75-2	451212	449217	447412	449280	0.42	cps
Barium	135-1	784077	786565	783833	784825	0.19	cps
Barium	137-1	1366154	1375310	1362542	1368002	0.48	cps
Beryllium	9-1	774411	767605	766884	769634	0.54	cps
Bismuth	209-1	15336476	15398782	15149742	15295000	0.85	cps
Bismuth	209-2	8203778	8228732	8249041	8227184	0.28	cps
Boron	11-1	843293	870475	864355	859375	1.66	cps
Boron	10-1	175897	181747	180566	179403	1.72	cps
Cadmium	106-1	83001	83671	82750	83141	0.57	cps
Cadmium	108-1	56663	56550	56303	56505	0.33	cps
Cadmium	111-1	843911	847330	845918	845720	0.20	cps
Calcium	43-1	244567	247140	248723	246810	0.85	cps
Calcium	44-1	4053875	4037804	3997031	4029570	0.73	cps
Chromium	52-2	2006297	2001795	2001590	2003228	0.13	cps
Cobalt	59-2	1649970	1637430	1644607	1644002	0.38	cps
Copper	63-2	2010441	1993598	1996355	2000131	0.45	cps
Dysprosium	156-1	698436	699635	695016	697695	0.34	cps
Dysprosium	156-2	213263	212777	209632	211891	0.93	cps
Erbium	164-1	200	158	142	167	18.03	cps
Erbium	164-2	83	90	100	91	9.20	cps
Gadolinium	160-1	458	650	433	514	23.07	cps
Gadolinium	160-2	453	417	433	434	4.23	cps
Holmium	165-1	24813792	25165001	24669775	24882856	1.02	cps
Holmium	165-2	12358658	12317486	12220439	12298861	0.58	cps
Indium	115-1	19778786	20052378	19731215	19854126	0.87	cps
Indium	115-2	3980588	3987035	3983505	3983709	0.08	cps
Iron	56-2	13033315	12971097	13004400	13002937	0.24	cps
Iron	57-2	327396	324074	326035	325835	0.51	cps
Lead	207-1	10490814	10563845	10408793	10487818	0.74	cps
Lead	208-1	47605310	47582005	47246471	47477929	0.42	cps
Lead	206-1	12032285	12103184	11979263	12038244	0.52	cps
Lithium	6-1	6005839	6037212	5987130	6010060	0.42	cps
Magnesium	24-2	1299945	1286909	1293894	1293583	0.50	cps
Manganese	55-2	622345	626830	624789	624655	0.36	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MSD	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMSC	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:44:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1796056	1809159	1814934	1806716	0.54	cps
Molybdenum	98-1	4656259	4639510	4667398	4654389	0.30	cps
Molybdenum	94-1	1667324	1668895	1647866	1661362	0.71	cps
Molybdenum	95-1	2918577	2897813	2872553	2896314	0.80	cps
Molybdenum	96-1	3127838	3107957	3089668	3108488	0.61	cps
Neodymium	150-1	180	227	247	218	15.71	cps
Neodymium	150-2	70	63	47	60	20.03	cps
Nickel	60-2	1082757	1079673	1081451	1081294	0.14	cps
Phosphorus	31-2	89023	87650	88294	88322	0.78	cps
Potassium	39-2	15865338	16000507	15902273	15922706	0.44	cps
Rhodium	103-1	18277139	18321734	18314848	18304574	0.13	cps
Rhodium	103-2	8875645	8892324	8843115	8870361	0.28	cps
Scandium	45-1	13213541	13356209	13140056	13236602	0.83	cps
Scandium	45-2	629215	630875	635062	631717	0.48	cps
Selenium	77-2	33125	33125	33044	33098	0.14	cps
Selenium	78-2	112256	111125	110972	111451	0.63	cps
Selenium	82-1	667850	666288	668024	667387	0.14	cps
Silicon	28-1	154226149	154531128	152920924	153892734	0.56	cps
Silver	109-1	1410790	1409596	1408242	1409543	0.09	cps
Silver	107-1	1469482	1466216	1458410	1464703	0.39	cps
Sodium	23-2	26827117	26870335	26893349	26863600	0.13	cps
Strontium	86-1	1104739	1113575	1107405	1108573	0.41	cps
Strontium	88-1	9629168	9667832	9499482	9598827	0.92	cps
Sulfur	34-1	786088	797920	786855	790288	0.84	cps
Terbium	159-1	25248045	25539937	25355623	25381202	0.58	cps
Terbium	159-2	12353034	12341022	12342777	12345611	0.05	cps
Thallium	203-1	29886299	29839148	29649079	29791508	0.42	cps
Thallium	205-1	71166102	71231845	70198399	70865449	0.82	cps
Thorium	232-1	1850	1889	2006	1915	4.23	cps
Tin	118-1	8608624	8478046	8548669	8545113	0.76	cps
Titanium	47-1	449093	453405	449112	450537	0.55	cps
Uranium	238-1	600	775	717	697	12.78	cps
Vanadium	51-2	1221949	1219848	1221558	1221118	0.09	cps
Yttrium	89-1	20592952	20922293	20550694	20688646	0.98	cps
Yttrium	89-2	3131168	3132911	3111150	3125076	0.39	cps
Zinc	66-2	293297	294425	292869	293530	0.27	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01MSD	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWMSC	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:44:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5301	5351	4876	5176	5.04	cps
Zirconium	91-1	2450	2559	2659	2556	4.08	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:48:49	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8825206	8970755	8954238	8916733	0.89	cps
Antimony	121-1	6554600	6573837	6585897	6571445	0.24	cps
Arsenic	75-2	249853	253326	252875	252018	0.75	cps
Barium	135-1	8426736	8459520	8446502	8444253	0.20	cps
Barium	137-1	14797395	14783015	14770640	14783684	0.09	cps
Beryllium	9-1	1716306	1697812	1704191	1706103	0.55	cps
Bismuth	209-1	12936889	12821062	12924891	12894281	0.49	cps
Bismuth	209-2	7063114	7113563	7067048	7081242	0.40	cps
Boron	11-1	1149530	1183375	1184744	1172550	1.70	cps
Boron	10-1	245727	251416	254249	250464	1.73	cps
Cadmium	106-1	206820	206856	210425	208034	1.00	cps
Cadmium	108-1	137912	135217	136777	136635	0.99	cps
Cadmium	111-1	1771524	1765607	1764311	1767147	0.22	cps
Calcium	43-1	11217889	11198270	11253199	11223119	0.25	cps
Calcium	44-1	185011908	183563621	185546500	184707343	0.56	cps
Chromium	52-2	2426280	2429648	2446900	2434276	0.45	cps
Cobalt	59-2	3795642	3800395	3814968	3803668	0.26	cps
Copper	63-2	5088074	5105142	5111531	5101582	0.24	cps
Dysprosium	156-1	192	217	183	197	8.80	cps
Dysprosium	156-2	163	167	213	181	15.44	cps
Erbium	164-1	100	117	142	119	17.56	cps
Erbium	164-2	37	57	50	48	21.31	cps
Gadolinium	160-1	283	283	250	272	7.07	cps
Gadolinium	160-2	367	367	1295	676	79.28	cps
Holmium	165-1	22869067	22628892	22890597	22796185	0.64	cps
Holmium	165-2	11548109	11612902	11688329	11616447	0.60	cps
Indium	115-1	17305036	17367540	17196674	17289750	0.50	cps
Indium	115-2	3615626	3661199	3647291	3641372	0.64	cps
Iron	56-2	502064411	502993000	503143556	502733656	0.12	cps
Iron	57-2	12515858	12498396	12565682	12526645	0.28	cps
Lead	207-1	4775474	4717381	4748558	4747138	0.61	cps
Lead	208-1	21386384	21180508	21197902	21254932	0.54	cps
Lead	206-1	5392210	5319996	5317121	5343109	0.80	cps
Lithium	6-1	5232468	5168676	5155848	5185664	0.79	cps
Magnesium	24-2	94439229	95240408	95092421	94924019	0.45	cps
Manganese	55-2	2897033	2899946	2905542	2900840	0.15	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:48:49	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	11087656	11124777	11015898	11076110	0.50	cps
Molybdenum	98-1	28553854	28180906	28176218	28303659	0.77	cps
Molybdenum	94-1	14553511	14436399	14487137	14492349	0.41	cps
Molybdenum	95-1	17661854	17691469	17681649	17678324	0.09	cps
Molybdenum	96-1	19666823	19601017	19547207	19605016	0.31	cps
Neodymium	150-1	653	627	693	658	5.10	cps
Neodymium	150-2	63	80	90	78	17.32	cps
Nickel	60-2	978159	979556	979635	979117	0.08	cps
Phosphorus	31-2	95714	98266	95178	96386	1.71	cps
Potassium	39-2	46575894	47133145	46929038	46879359	0.60	cps
Rhodium	103-1	15603805	15490451	15504450	15532902	0.40	cps
Rhodium	103-2	7681147	7751319	7767438	7733301	0.59	cps
Scandium	45-1	12006975	12003083	12005793	12005284	0.02	cps
Scandium	45-2	585792	592812	591138	589914	0.62	cps
Selenium	77-2	6772	6688	6948	6803	1.95	cps
Selenium	78-2	22369	22768	22545	22561	0.89	cps
Selenium	82-1	131989	130789	130967	131248	0.49	cps
Silicon	28-1	5334134	5355615	5344451	5344733	0.20	cps
Silver	109-1	8410606	8311178	8357940	8359908	0.60	cps
Silver	107-1	8833273	8766990	8813168	8804477	0.39	cps
Sodium	23-2	183791687	183683846	184532300	184002611	0.25	cps
Strontium	86-1	2288963	2291617	2308040	2296207	0.45	cps
Strontium	88-1	20141263	20137750	20113937	20130984	0.07	cps
Sulfur	34-1	1379153	1387148	1380738	1382347	0.31	cps
Terbium	159-1	23347408	23261686	23180530	23263208	0.36	cps
Terbium	159-2	11429850	11559911	11431338	11473700	0.65	cps
Thallium	203-1	6801068	6704994	6757862	6754641	0.71	cps
Thallium	205-1	16141991	16028534	15897481	16022669	0.76	cps
Thorium	232-1	23348962	23221641	23240154	23270252	0.30	cps
Tin	118-1	5719313	5757792	5717382	5731495	0.40	cps
Titanium	47-1	5254375	5248165	5259296	5253946	0.11	cps
Uranium	238-1	22318383	22390989	22086385	22265253	0.71	cps
Vanadium	51-2	1945551	1954021	1962795	1954122	0.44	cps
Yttrium	89-1	18677809	18700241	18710243	18696098	0.09	cps
Yttrium	89-2	2928334	2912637	2959639	2933537	0.82	cps
Zinc	66-2	731732	730946	737073	733250	0.45	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:48:49	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12199700	12190467	12264873	12218347	0.33	cps
Zirconium	91-1	2731856	2718429	2727236	2725840	0.25	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:58:42	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	100	125	128	22.90	cps
Antimony	121-1	1525	1759	1558	1614	7.82	cps
Arsenic	75-2	28	26	30	28	6.66	cps
Barium	135-1	58	33	108	67	57.29	cps
Barium	137-1	50	83	117	83	40.00	cps
Beryllium	9-1	111	189	117	139	31.24	cps
Bismuth	209-1	14731480	14649206	14800287	14726991	0.51	cps
Bismuth	209-2	8114643	8134981	8092893	8114173	0.26	cps
Boron	11-1	19655	19163	19380	19399	1.27	cps
Boron	10-1	4142	3834	4151	4042	4.47	cps
Cadmium	106-1	8078	7869	7986	7978	1.31	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Cadmium	111-1	5668	5526	5601	5598	1.27	cps
Calcium	43-1	333	375	225	311	24.89	cps
Calcium	44-1	15842	16452	16176	16157	1.89	cps
Chromium	52-2	813	850	797	820	3.33	cps
Cobalt	59-2	103	117	120	113	7.78	cps
Copper	63-2	1453	1467	1340	1420	4.90	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	75	58	67	67	12.49	cps
Erbium	164-2	37	10	23	23	57.15	cps
Gadolinium	160-1	175	158	233	189	20.85	cps
Gadolinium	160-2	343	310	340	331	5.54	cps
Holmium	165-1	23826559	23752411	23788074	23789015	0.16	cps
Holmium	165-2	12174153	12183936	12245793	12201294	0.32	cps
Indium	115-1	19354343	19292419	19293308	19313357	0.18	cps
Indium	115-2	4042931	4041058	4049999	4044663	0.12	cps
Iron	56-2	9598	9776	9637	9670	0.97	cps
Iron	57-2	467	444	389	433	9.25	cps
Lead	207-1	583	739	706	676	12.12	cps
Lead	208-1	2778	3184	3117	3026	7.19	cps
Lead	206-1	661	744	767	724	7.69	cps
Lithium	6-1	5530640	5498701	5564988	5531443	0.60	cps
Magnesium	24-2	550	492	817	619	27.97	cps
Manganese	55-2	80	90	73	81	10.34	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:58:42	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1709	1734	1508	1650	7.47	cps
Molybdenum	98-1	4251	3951	3534	3912	9.20	cps
Molybdenum	94-1	2267	2067	1884	2072	9.25	cps
Molybdenum	95-1	2517	2284	2050	2284	10.22	cps
Molybdenum	96-1	3134	2909	2709	2917	7.29	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	70	53	40	54	27.61	cps
Phosphorus	31-2	317	433	425	392	16.62	cps
Potassium	39-2	41025	40323	40757	40701	0.87	cps
Rhodium	103-1	17976124	17846973	18024031	17949043	0.51	cps
Rhodium	103-2	8920815	8988821	8943659	8951098	0.39	cps
Scandium	45-1	12870751	12796742	12856891	12841461	0.31	cps
Scandium	45-2	625459	621130	622194	622928	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	124	104	104	110	10.65	cps
Selenium	82-1	-27	39	-90	-26	-249.83	cps
Silicon	28-1	418098	417699	415767	417188	0.30	cps
Silver	109-1	475	383	417	425	10.92	cps
Silver	107-1	583	600	492	558	10.45	cps
Sodium	23-2	26199	26090	25556	25948	1.33	cps
Strontium	86-1	908	1333	1058	1100	19.60	cps
Strontium	88-1	292	308	308	303	3.18	cps
Sulfur	34-1	569256	572912	572266	571478	0.34	cps
Terbium	159-1	24377778	24280169	24456954	24371634	0.36	cps
Terbium	159-2	12209300	12210627	12094749	12171559	0.55	cps
Thallium	203-1	833	1108	1167	1036	17.18	cps
Thallium	205-1	2434	2459	2442	2445	0.52	cps
Thorium	232-1	1500	1567	1445	1504	4.07	cps
Tin	118-1	2534	2459	1975	2323	13.05	cps
Titanium	47-1	242	258	192	231	15.05	cps
Uranium	238-1	142	125	167	144	14.52	cps
Vanadium	51-2	33	20	47	33	40.01	cps
Yttrium	89-1	20084218	19828248	19953038	19955168	0.64	cps
Yttrium	89-2	3131012	3125508	3111505	3122675	0.32	cps
Zinc	66-2	2534	2590	2707	2610	3.39	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 14:58:42	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1975	1850	1900	1909	3.30	cps
Zirconium	91-1	400	367	325	364	10.32	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01A	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:02:16	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	384227	384146	381004	383126	0.48	cps
Antimony	121-1	12387071	12311586	12430854	12376504	0.49	cps
Arsenic	75-2	487766	491027	487536	488776	0.40	cps
Barium	135-1	841747	839700	849718	843722	0.63	cps
Barium	137-1	1465770	1469735	1495559	1477021	1.10	cps
Beryllium	9-1	836329	832006	832538	833625	0.28	cps
Bismuth	209-1	16280294	16305113	16071161	16218856	0.79	cps
Bismuth	209-2	8797799	8743011	8681561	8740790	0.67	cps
Boron	11-1	875368	900273	922100	899247	2.60	cps
Boron	10-1	184069	189035	193209	188771	2.42	cps
Cadmium	106-1	89222	89926	91922	90357	1.55	cps
Cadmium	108-1	60784	60692	60952	60809	0.22	cps
Cadmium	111-1	909713	910896	910143	910251	0.07	cps
Calcium	43-1	263628	263642	265984	264418	0.51	cps
Calcium	44-1	4364273	4346495	4350669	4353812	0.21	cps
Chromium	52-2	2185532	2176075	2181640	2181082	0.22	cps
Cobalt	59-2	1771131	1769226	1778581	1772979	0.28	cps
Copper	63-2	2144737	2158592	2151222	2151517	0.32	cps
Dysprosium	156-1	783345	784828	766371	778181	1.32	cps
Dysprosium	156-2	233574	235110	233040	233908	0.46	cps
Erbium	164-1	225	233	242	233	3.57	cps
Erbium	164-2	90	113	80	94	18.12	cps
Gadolinium	160-1	542	475	400	472	15.01	cps
Gadolinium	160-2	543	527	533	534	1.57	cps
Holmium	165-1	26604008	26397569	26599534	26533704	0.44	cps
Holmium	165-2	13332158	13245774	13148386	13242106	0.69	cps
Indium	115-1	21202893	21125249	21136586	21154909	0.20	cps
Indium	115-2	4311174	4327674	4273831	4304226	0.64	cps
Iron	56-2	14239908	14127475	14139065	14168816	0.44	cps
Iron	57-2	357967	355466	353725	355720	0.60	cps
Lead	207-1	11275994	11345306	11194000	11271766	0.67	cps
Lead	208-1	51259767	51348884	50814055	51140902	0.56	cps
Lead	206-1	12903839	12930121	12826653	12886871	0.42	cps
Lithium	6-1	6321559	6367448	6363322	6350777	0.40	cps
Magnesium	24-2	1395810	1405876	1387380	1396355	0.66	cps
Manganese	55-2	678574	683988	681196	681253	0.40	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01A	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:02:16	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1982611	1989490	1984847	1985649	0.18	cps
Molybdenum	98-1	5112461	5110452	5146310	5123074	0.39	cps
Molybdenum	94-1	1821648	1820393	1828161	1823401	0.23	cps
Molybdenum	95-1	3227826	3219286	3190706	3212606	0.61	cps
Molybdenum	96-1	3440856	3449332	3437365	3442518	0.18	cps
Neodymium	150-1	193	207	313	238	27.66	cps
Neodymium	150-2	63	47	73	61	22.05	cps
Nickel	60-2	1174666	1170014	1170287	1171655	0.22	cps
Phosphorus	31-2	95388	95698	93618	94901	1.18	cps
Potassium	39-2	17185287	17105194	17166848	17152443	0.24	cps
Rhodium	103-1	19428499	19474735	19338404	19413879	0.36	cps
Rhodium	103-2	9553503	9498693	9451625	9501274	0.54	cps
Scandium	45-1	14235682	14103423	14134878	14157994	0.49	cps
Scandium	45-2	678162	679265	674584	677337	0.36	cps
Selenium	77-2	35554	35975	35771	35766	0.59	cps
Selenium	78-2	119748	121853	120551	120717	0.88	cps
Selenium	82-1	715812	717925	719398	717711	0.25	cps
Silicon	28-1	166055270	164422054	165433466	165303597	0.50	cps
Silver	109-1	1506887	1512996	1515585	1511823	0.30	cps
Silver	107-1	1577646	1579651	1579920	1579072	0.08	cps
Sodium	23-2	28926728	28553474	28617082	28699094	0.70	cps
Strontium	86-1	1184625	1180946	1190781	1185451	0.42	cps
Strontium	88-1	10383108	10384288	10359724	10375707	0.13	cps
Sulfur	34-1	859342	838068	833736	843715	1.62	cps
Terbium	159-1	27351265	27363055	27177420	27297247	0.38	cps
Terbium	159-2	13255054	13369827	13086568	13237149	1.08	cps
Thallium	203-1	32301141	32057932	32143894	32167656	0.38	cps
Thallium	205-1	76998529	76741770	75512758	76417686	1.04	cps
Thorium	232-1	3000	2917	2734	2884	4.73	cps
Tin	118-1	9453893	9298990	9402083	9384989	0.84	cps
Titanium	47-1	494392	495636	496276	495435	0.19	cps
Uranium	238-1	767	742	858	789	7.79	cps
Vanadium	51-2	1319439	1329161	1325239	1324613	0.37	cps
Yttrium	89-1	22043051	22020461	22043465	22035659	0.06	cps
Yttrium	89-2	3373221	3371353	3338239	3360938	0.59	cps
Zinc	66-2	315587	320911	318681	318393	0.84	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	J4711-01A	Instrumnet Name :	P7
Client Sample ID :	128-1-FIRST-DRAWA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:02:16	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10996	9295	8219	9504	14.73	cps
Zirconium	91-1	4217	3726	3409	3784	10.77	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:05:54	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8980992	8957752	9013569	8984104	0.31	cps
Antimony	121-1	6582635	6597823	6677532	6619330	0.77	cps
Arsenic	75-2	251238	251568	251464	251423	0.07	cps
Barium	135-1	8427166	8473078	8553837	8484694	0.76	cps
Barium	137-1	14708994	14753708	14891822	14784841	0.64	cps
Beryllium	9-1	1708813	1700808	1714597	1708073	0.41	cps
Bismuth	209-1	12808450	12802147	12711669	12774088	0.42	cps
Bismuth	209-2	7128939	7003586	6982319	7038281	1.13	cps
Boron	11-1	1151517	1190922	1217701	1186713	2.81	cps
Boron	10-1	242354	248671	254749	248591	2.49	cps
Cadmium	106-1	204149	205739	209512	206467	1.33	cps
Cadmium	108-1	136099	137072	139087	137420	1.11	cps
Cadmium	111-1	1760436	1776830	1777346	1771538	0.54	cps
Calcium	43-1	11326518	11264724	11357198	11316147	0.42	cps
Calcium	44-1	186232333	185485479	186357375	186025062	0.25	cps
Chromium	52-2	2420171	2421344	2408767	2416761	0.29	cps
Cobalt	59-2	3773396	3783805	3790291	3782497	0.23	cps
Copper	63-2	5120820	5085771	5090964	5099185	0.37	cps
Dysprosium	156-1	208	267	183	219	19.49	cps
Dysprosium	156-2	160	193	147	167	14.42	cps
Erbium	164-1	150	108	75	111	33.82	cps
Erbium	164-2	53	67	37	52	28.78	cps
Gadolinium	160-1	208	200	158	189	14.18	cps
Gadolinium	160-2	393	360	350	368	6.17	cps
Holmium	165-1	22693890	22920944	22699742	22771525	0.57	cps
Holmium	165-2	11646671	11677447	11655124	11659747	0.14	cps
Indium	115-1	17329001	17304895	17338474	17324123	0.10	cps
Indium	115-2	3664107	3624003	3616926	3635012	0.70	cps
Iron	56-2	502540633	502322922	504283045	503048867	0.21	cps
Iron	57-2	12502279	12500323	12489597	12497399	0.05	cps
Lead	207-1	4709354	4735400	4730400	4725051	0.29	cps
Lead	208-1	21148706	21219940	21223169	21197272	0.20	cps
Lead	206-1	5316186	5326166	5325454	5322602	0.10	cps
Lithium	6-1	5195985	5238243	5246371	5226866	0.52	cps
Magnesium	24-2	95413200	95177946	95581854	95391000	0.21	cps
Manganese	55-2	2896383	2911914	2898860	2902386	0.29	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:05:54	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	11147781	11140185	11178548	11155504	0.18	cps
Molybdenum	98-1	28336965	28368034	28649262	28451420	0.60	cps
Molybdenum	94-1	14550762	14484633	14515311	14516902	0.23	cps
Molybdenum	95-1	17902400	17830953	17715267	17816207	0.53	cps
Molybdenum	96-1	19767229	19851350	19708184	19775588	0.36	cps
Neodymium	150-1	607	693	593	631	8.60	cps
Neodymium	150-2	77	107	87	90	16.97	cps
Nickel	60-2	969897	971963	974521	972127	0.24	cps
Phosphorus	31-2	97484	96545	94952	96327	1.33	cps
Potassium	39-2	46367946	47032588	47112233	46837589	0.87	cps
Rhodium	103-1	15451191	15525163	15529714	15502023	0.28	cps
Rhodium	103-2	7787602	7682934	7709938	7726825	0.70	cps
Scandium	45-1	12065451	12087536	11997109	12050032	0.39	cps
Scandium	45-2	592674	589562	589381	590539	0.31	cps
Selenium	77-2	6175	6758	6685	6539	4.86	cps
Selenium	78-2	22662	23039	22748	22816	0.87	cps
Selenium	82-1	130599	132388	131531	131506	0.68	cps
Silicon	28-1	5358392	5379269	5465917	5401192	1.06	cps
Silver	109-1	8352247	8393934	8420251	8388811	0.41	cps
Silver	107-1	8783025	8780814	8837741	8800526	0.37	cps
Sodium	23-2	184519846	185182896	184913067	184871936	0.18	cps
Strontium	86-1	2298231	2295863	2323745	2305947	0.67	cps
Strontium	88-1	20114215	20132125	20206319	20150886	0.24	cps
Sulfur	34-1	1381719	1369029	1383785	1378178	0.58	cps
Terbium	159-1	23305676	23315009	23179655	23266780	0.32	cps
Terbium	159-2	11663931	11569468	11487474	11573624	0.76	cps
Thallium	203-1	6723510	6746805	6786294	6752203	0.47	cps
Thallium	205-1	15976716	16027930	16051003	16018549	0.24	cps
Thorium	232-1	23111894	22946903	23411376	23156724	1.02	cps
Tin	118-1	5741853	5727965	5811599	5760472	0.78	cps
Titanium	47-1	5282600	5279992	5294766	5285786	0.15	cps
Uranium	238-1	22211800	21980981	22537987	22243589	1.26	cps
Vanadium	51-2	1945270	1961090	1962749	1956370	0.49	cps
Yttrium	89-1	18620082	18796548	18688848	18701826	0.48	cps
Yttrium	89-2	2951867	2929289	2922973	2934710	0.52	cps
Zinc	66-2	730987	738009	735216	734738	0.48	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:05:54	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12206738	12194331	12332282	12244450	0.62	cps
Zirconium	91-1	2732371	2719940	2754881	2735731	0.65	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:14:47	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	175	217	194	10.79	cps
Antimony	121-1	1867	1750	1492	1703	11.27	cps
Arsenic	75-2	31	17	30	26	31.13	cps
Barium	135-1	58	42	42	47	20.38	cps
Barium	137-1	150	50	75	92	56.78	cps
Beryllium	9-1	222	139	139	167	28.87	cps
Bismuth	209-1	14712748	14748605	14719341	14726898	0.13	cps
Bismuth	209-2	8040599	8071980	8094693	8069091	0.34	cps
Boron	11-1	20665	20673	20123	20487	1.54	cps
Boron	10-1	4001	4326	4209	4179	3.94	cps
Cadmium	106-1	8128	8353	7611	8030	4.74	cps
Cadmium	108-1	29	29	21	26	18.25	cps
Cadmium	111-1	5698	5864	5346	5636	4.69	cps
Calcium	43-1	275	383	317	325	16.82	cps
Calcium	44-1	15542	15968	15993	15834	1.60	cps
Chromium	52-2	843	870	917	877	4.23	cps
Cobalt	59-2	90	70	100	87	17.63	cps
Copper	63-2	1323	1370	1337	1343	1.79	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	17	3	0	7	132.33	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	33	60	30	41	40.00	cps
Gadolinium	160-1	125	175	350	217	54.53	cps
Gadolinium	160-2	380	313	313	336	11.47	cps
Holmium	165-1	23643574	23467809	23713322	23608235	0.54	cps
Holmium	165-2	12071426	12148928	12092946	12104433	0.33	cps
Indium	115-1	19087207	19114727	19217839	19139924	0.36	cps
Indium	115-2	4000393	4025535	4003642	4009856	0.34	cps
Iron	56-2	9064	9109	9003	9059	0.59	cps
Iron	57-2	433	333	383	383	13.04	cps
Lead	207-1	617	583	661	620	6.29	cps
Lead	208-1	2889	2850	2972	2904	2.15	cps
Lead	206-1	800	656	678	711	10.94	cps
Lithium	6-1	5642191	5629325	5606122	5625879	0.32	cps
Magnesium	24-2	375	375	433	394	8.54	cps
Manganese	55-2	70	90	80	80	12.50	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:14:47	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1984	1992	1584	1853	12.60	cps
Molybdenum	98-1	4351	4934	4751	4679	6.38	cps
Molybdenum	94-1	2642	2475	2459	2525	4.02	cps
Molybdenum	95-1	3392	3075	2750	3073	10.44	cps
Molybdenum	96-1	3417	3542	3251	3403	4.30	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	67	53	77	66	17.86	cps
Phosphorus	31-2	308	375	425	369	15.84	cps
Potassium	39-2	41601	41358	41701	41553	0.42	cps
Rhodium	103-1	17705527	17847241	17775266	17776011	0.40	cps
Rhodium	103-2	8826059	8834781	8826510	8829116	0.06	cps
Scandium	45-1	12727197	12761472	12643978	12710882	0.48	cps
Scandium	45-2	617582	617720	617662	617655	0.01	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	111	104	124	113	9.13	cps
Selenium	82-1	-36	134	51	50	170.97	cps
Silicon	28-1	407854	406088	407086	407010	0.22	cps
Silver	109-1	367	408	283	353	18.04	cps
Silver	107-1	458	417	450	442	4.99	cps
Sodium	23-2	27393	26165	26124	26561	2.71	cps
Strontium	86-1	1183	1142	1225	1183	3.52	cps
Strontium	88-1	183	300	200	228	27.71	cps
Sulfur	34-1	563357	561350	565698	563468	0.39	cps
Terbium	159-1	24151392	24287171	24248024	24228862	0.29	cps
Terbium	159-2	12068971	12083160	12130907	12094346	0.27	cps
Thallium	203-1	1067	1100	1025	1064	3.53	cps
Thallium	205-1	2459	2342	2067	2289	8.79	cps
Thorium	232-1	1656	1695	1378	1576	10.96	cps
Tin	118-1	2542	2625	2659	2609	2.31	cps
Titanium	47-1	142	208	208	186	20.68	cps
Uranium	238-1	92	58	58	69	27.71	cps
Vanadium	51-2	37	20	37	31	30.93	cps
Yttrium	89-1	19725628	19764018	19783659	19757768	0.15	cps
Yttrium	89-2	3098611	3083874	3085660	3089382	0.26	cps
Zinc	66-2	2680	2577	2630	2629	1.97	cps

LB Number :	LB97642	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-30 15:14:47	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2075	2009	1934	2006	3.53	cps
Zirconium	91-1	400	458	375	411	10.40	cps