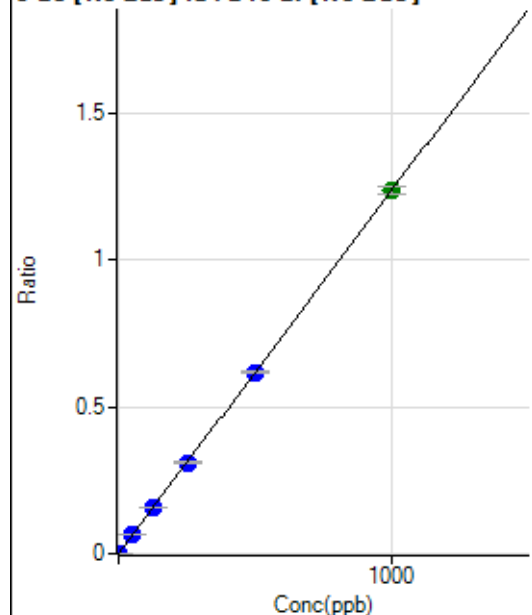


Batch Folder: D:\P8091117- MS.b\
Analysis File: P8091117- MS.batch.bin
DA Date-Time: 2017-09-11 13:54:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-09-11 11:56:04
2			
3	005CALS.d	S02	2017-09-11 12:06:17
4	006CALS.d	S03	2017-09-11 12:09:45
5	007CALS.d	S04	2017-09-11 12:13:14
6	008CALS.d	S05	2017-09-11 12:16:37
7	009CALS.d	S06	2017-09-11 12:19:55
8	010CALS.d	S07	2017-09-11 12:23:08
9	011CALS.d	S08	2017-09-11 12:26:16

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131.49	0.0001	P	21.3
2	☐	0.100					
3	☐	1.000	0.825	1059.33	0.0012	P	7.1
4	☐	50.000	51.013	58171.75	0.0632	P	0.8
5	☐	125.000	125.902	142800.83	0.1557	P	1.7
6	☐	250.000	251.601	276444.59	0.3109	P	0.8
7	☐	500.000	499.351	568192.99	0.6170	P	1.4
8	☐	1000.000	999.761	1139620.71	1.2352	A	2.3
9	☐			516.69	0.0006	P	21.3

$$y = 0.0012 * x + 1.4576E-004$$

$$R = 1.0000$$

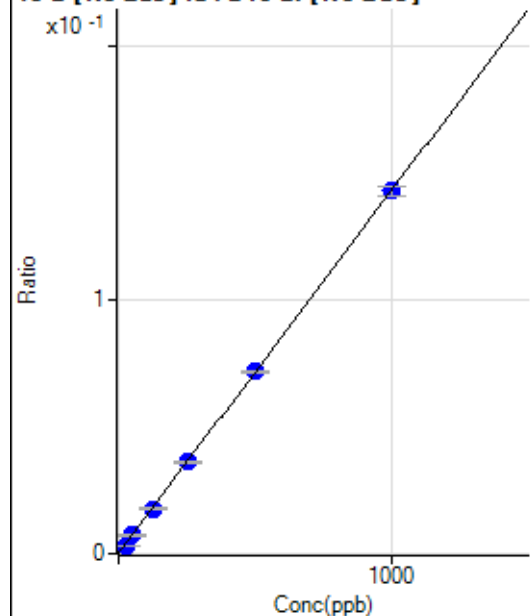
$$DL = 0.07534$$

$$BEC = 0.118$$

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	205.57	0.0002	P	9.3
2	☐	2.500					
3	☐	25.000	21.114	2947.66	0.0032	P	9.2
4	☐	50.000	49.090	6668.53	0.0072	P	3.1
5	☐	125.000	122.744	16301.54	0.0178	P	3.9
6	☐	250.000	250.408	32003.44	0.0360	P	3.8
7	☐	500.000	502.082	66256.84	0.0719	P	1.1
8	☐	1000.000	999.282	131903.86	0.1430	P	2.6
9	☐			4889.92	0.0056	P	8.0

$$y = 1.4283E-004 * x + 2.2862E-004$$

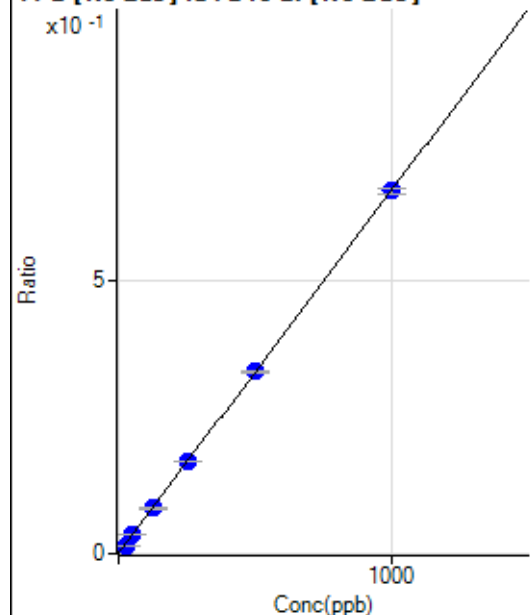
$$R = 1.0000$$

$$DL = 0.4469$$

$$BEC = 1.601$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	791.73	0.0009	P	2.7
2	☐	2.500					
3	☐	25.000	21.119	13520.87	0.0149	P	4.1
4	☐	50.000	49.459	30981.49	0.0336	P	0.4
5	☐	125.000	123.346	75761.41	0.0826	P	0.8
6	☐	250.000	253.297	149931.42	0.1686	P	0.6
7	☐	500.000	501.451	306675.47	0.3330	P	0.7
8	☐	1000.000	998.781	611229.73	0.6624	P	1.6
9	☐			21683.90	0.0247	P	5.9

$$y = 6.6231E-004 * x + 8.8023E-004$$

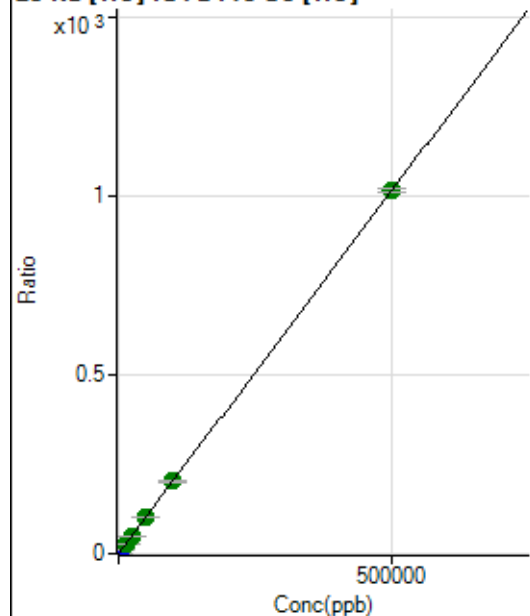
$$R = 1.0000$$

$$DL = 0.1069$$

$$BEC = 1.329$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3339.44	0.0792	P	8.8
2	☐	50.000					
3	☐	500.000	419.845	42021.32	0.9295	P	2.0
4	☐	5000.000	4860.395	440506.62	9.9227	P	1.8
5	☐	12500.000	12293.948	1105576.75	24.9775	A	0.7
6	☐	25000.000	24718.420	2150167.82	50.1402	A	1.0
7	☐	50000.000	49522.576	4225824.44	100.3748	A	0.8
8	☐	100000.00	99854.046	8379064.34	202.3087	A	1.6
9	☐	500000.00	500097.64	41814064.82	1,012.902	A	1.0

$$y = 0.0020 * x + 0.0792$$

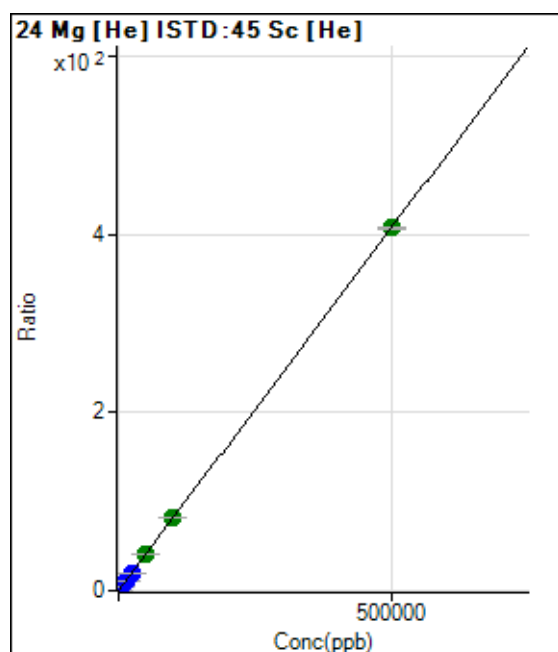
$$R = 1.0000$$

$$DL = 10.32$$

$$BEC = 39.09$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	383.35	0.0090	P	8.5
2	☐	50.000					
3	☐	500.000	428.899	16198.72	0.3584	P	4.0
4	☐	5000.000	4906.210	177772.88	4.0051	P	2.9
5	☐	12500.000	12218.483	440883.35	9.9608	P	1.1
6	☐	25000.000	24608.745	859920.25	20.0524	P	1.0
7	☐	50000.000	50735.150	1740135.02	41.3319	A	1.3
8	☐	100000.00	100905.57	3404446.78	82.1948	A	1.0
9	☐	500000.00	499772.98	16804572.25	407.0651	A	0.4

$$y = 8.1448\text{E-}004 * x + 0.0090$$

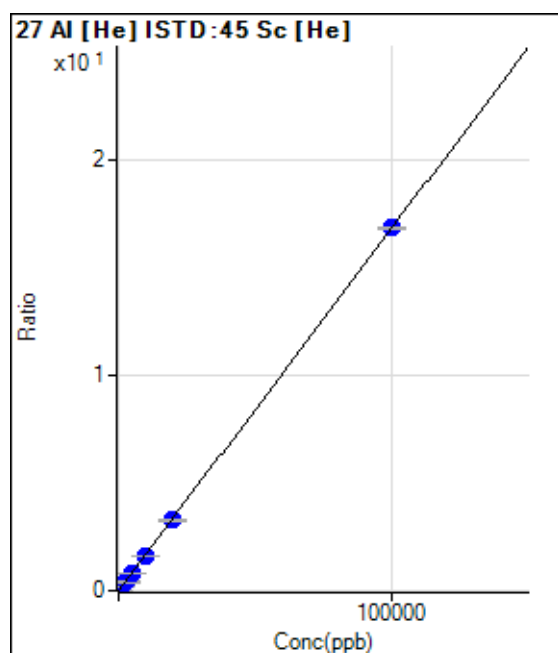
$$R = 1.0000$$

$$DL = 2.829$$

$$BEC = 11.11$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0005	P	114.
2	☐	2.000					
3	☐	20.000	21.852	188.90	0.0042	P	17.2
4	☐	1000.000	955.625	7154.87	0.1611	P	4.0
5	☐	2500.000	2398.342	17859.15	0.4034	P	2.8
6	☐	5000.000	4828.587	34813.16	0.8117	P	2.4
7	☐	10000.000	9559.175	67631.49	1.6065	P	2.3
8	☐	20000.000	19486.121	135612.77	3.2742	P	1.2
9	☐	100000.00	100158.41	694658.96	16.8272	P	0.6

$$y = 1.6800\text{E-}004 * x + 5.0908\text{E-}004$$

$$R = 1.0000$$

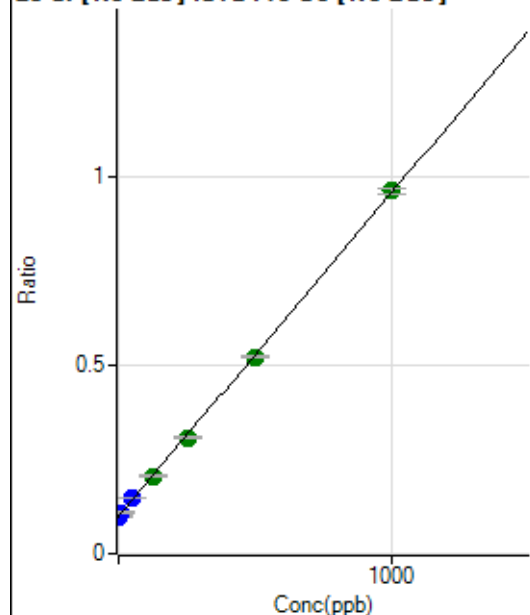
$$DL = 10.42$$

$$BEC = 3.03$$

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	443621.67	0.0992	P	0.8
2	☐	1.000					
3	☐	10.000	9.928	480439.86	0.1077	P	5.0
4	☐	50.000	58.253	673356.52	0.1491	P	0.5
5	☐	125.000	123.298	909592.80	0.2049	A	2.5
6	☐	250.000	242.592	1338058.47	0.3071	A	1.1
7	☐	500.000	492.213	2267442.32	0.5211	A	0.7
8	☐	1000.000	1005.546	4046677.70	0.9611	A	1.6
9	☐			631457.00	0.1492	P	1.5

$$y = 8.5717\text{E-}004 * x + 0.0992$$

$$R = 0.9999$$

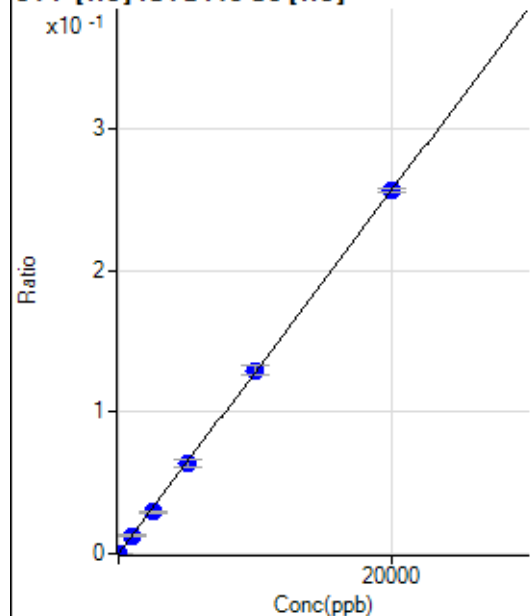
$$DL = 2.857$$

$$BEC = 115.7$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	5.476	5.56	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	-5.476	0.00	0.0000	P	
4	☐	1000.000	991.672	566.71	0.0128	P	11.1
5	☐	2500.000	2296.160	1305.68	0.0295	P	6.3
6	☐	5000.000	4965.745	2733.73	0.0637	P	8.7
7	☐	10000.000	10107.640	5456.83	0.1296	P	4.4
8	☐	20000.000	19980.640	10612.77	0.2562	P	1.2
9	☐			5.56	0.0001	P	173.

$$y = 1.2819\text{E-}005 * x + 7.0189\text{E-}005$$

$$R = 0.9999$$

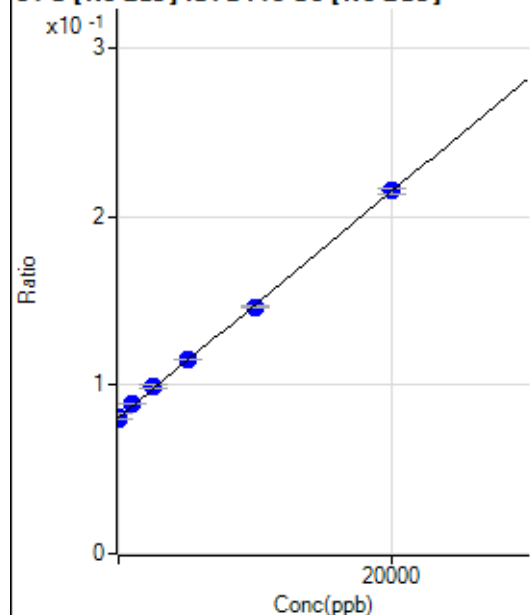
$$DL = 28.45$$

$$BEC = 5.476$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-75.707	358757.21	0.0802	P	0.4
2	☐	0.000					
3	☐	0.000	75.707	362482.17	0.0812	P	3.7
4	☐	1000.000	1201.504	400890.00	0.0888	P	0.3
5	☐	2500.000	2735.603	439855.38	0.0991	P	1.5
6	☐	5000.000	5150.757	502213.73	0.1153	P	0.3
7	☐	10000.000	9773.462	636519.95	0.1463	P	0.5
8	☐	20000.000	20036.054	905781.41	0.2151	P	1.6
9	☐			354358.96	0.0837	P	0.9

$$y = 6.7087\text{E-}006 * x + 0.0807$$

$$R = 0.9998$$

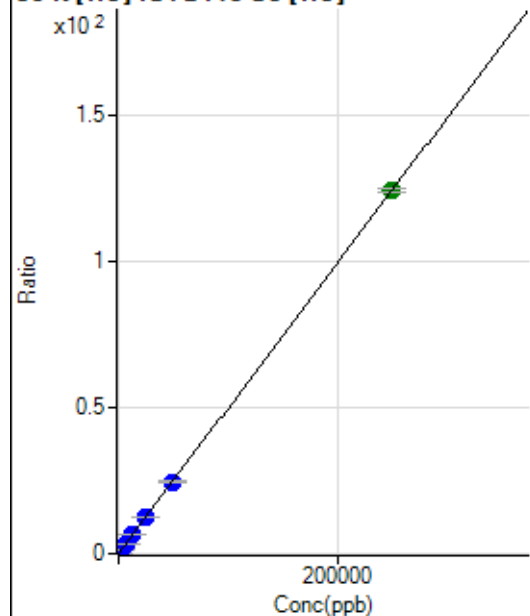
$$DL = 738.7$$

$$BEC = 1.203\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3431.13	0.0810	P	4.5
2	☐	50.000					
3	☐	500.000	431.482	13323.49	0.2947	P	2.3
4	☐	2500.000	2563.883	59961.79	1.3510	P	3.8
5	☐	6250.000	6303.166	141786.36	3.2034	P	1.4
6	☐	12500.000	12556.036	270208.54	6.3008	P	1.2
7	☐	25000.000	24942.869	523614.23	12.4369	P	0.8
8	☐	50000.000	49213.788	1013095.88	24.4599	P	1.5
9	☐	250000.00	250158.32	5118942.08	124.0013	A	0.9

$$y = 4.9537\text{E-}004 * x + 0.0810$$

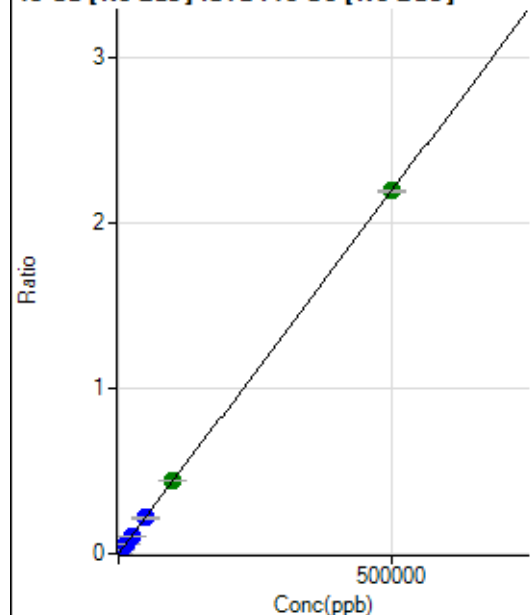
$$R = 1.0000$$

$$DL = 22.27$$

$$BEC = 163.5$$

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	2222.50	0.0005	P	5.4
2	☐	50.000					
3	☐	500.000	443.836	10913.01	0.0024	P	0.8
4	☐	5000.000	4930.667	99896.86	0.0221	P	1.9
5	☐	12500.000	12327.340	242259.90	0.0546	P	0.6
6	☐	25000.000	24359.296	467635.23	0.1073	P	0.2
7	☐	50000.000	48997.387	937241.33	0.2154	P	0.4
8	☐	100000.00	100469.27	1857325.47	0.4411	A	1.9
9	☐	500000.00	500043.50	9283064.01	2.1936	A	0.5

$$y = 4.3859\text{E-}006 * x + 4.9688\text{E-}004$$

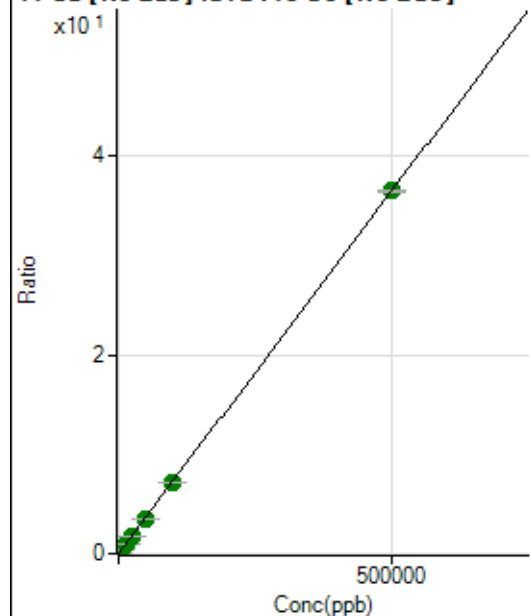
$$R = 1.0000$$

$$DL = 18.25$$

$$BEC = 113.3$$

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	36782.52	0.0082	P	1.0
2	☐	50.000					
3	☐	500.000	441.213	180365.70	0.0404	P	4.3
4	☐	5000.000	4980.281	1678365.40	0.3717	A	1.3
5	☐	12500.000	12338.227	4034338.11	0.9086	A	0.7
6	☐	25000.000	24324.054	7769740.02	1.7833	A	0.5
7	☐	50000.000	48746.210	15515377.25	3.5656	A	0.1
8	☐	100000.00	97742.077	30067048.94	7.1412	A	1.5
9	☐	500000.00	500615.06	154641457.6	36.5418	A	0.4

$$y = 7.2977\text{E-}005 * x + 0.0082$$

$$R = 1.0000$$

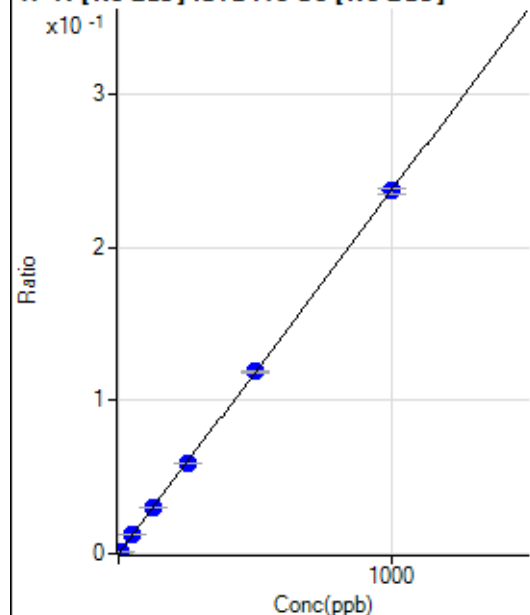
$$DL = 3.244$$

$$BEC = 112.7$$

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	191.68	0.0000	P	11.4
2	☐	0.500					
3	☐	5.000	4.436	4887.18	0.0011	P	3.6
4	☐	50.000	50.872	54657.61	0.0121	P	1.8
5	☐	125.000	126.732	133595.60	0.0301	P	1.3
6	☐	250.000	250.154	258592.64	0.0594	P	0.9
7	☐	500.000	500.549	516578.71	0.1187	P	0.3
8	☐	1000.000	999.430	997839.65	0.2370	P	1.6
9	☐			838.96	0.0002	P	2.1

$$y = 2.3709\text{E-}004 * x + 4.2851\text{E-}005$$

$$R = 1.0000$$

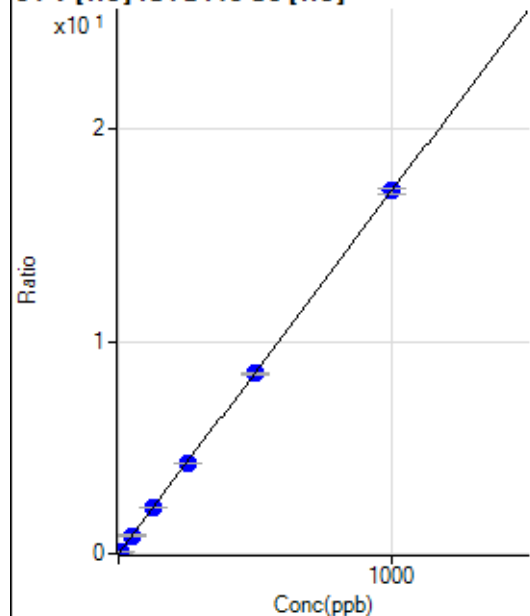
$$DL = 0.06199$$

$$BEC = 0.1807$$

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	18.89	0.0004	P	27.7
2	☐	0.500					
3	☐	5.000	4.485	3481.60	0.0770	P	1.8
4	☐	50.000	50.208	38062.88	0.8575	P	3.0
5	☐	125.000	125.243	94654.51	2.1385	P	0.9
6	☐	250.000	250.214	183193.25	4.2718	P	0.9
7	☐	500.000	498.359	358181.98	8.5079	P	1.1
8	☐	1000.000	1000.729	707571.65	17.0838	P	1.5
9	☐			225.56	0.0055	P	12.5

$$y = 0.0171 * x + 4.4809\text{E-}004$$

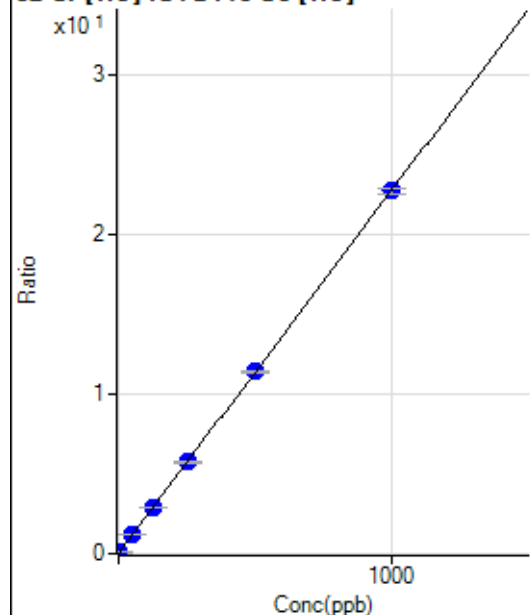
$$R = 1.0000$$

$$DL = 0.02184$$

$$BEC = 0.02625$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	738.92	0.0175	P	10.0
2	☐	0.200					
3	☐	2.000	1.960	2802.55	0.0620	P	5.4
4	☐	50.000	51.145	52338.77	1.1791	P	2.3
5	☐	125.000	125.848	127281.77	2.8756	P	1.2
6	☐	250.000	251.269	245473.16	5.7240	P	0.6
7	☐	500.000	500.656	479437.43	11.3878	P	0.6
8	☐	1000.000	999.192	940615.86	22.7100	P	1.3
9	☐			8500.49	0.2059	P	2.3

$$y = 0.0227 * x + 0.0175$$

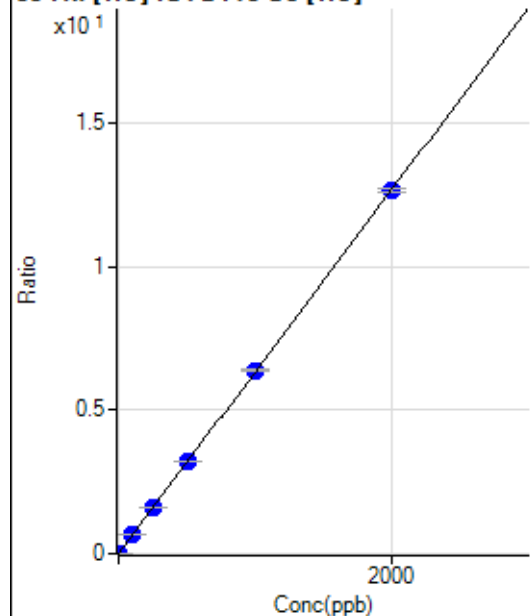
$$R = 1.0000$$

$$DL = 0.2321$$

$$BEC = 0.7705$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0030	P	14.2
2	☐	0.100					
3	☐	1.000	1.002	422.24	0.0093	P	2.8
4	☐	100.000	103.643	29278.73	0.6596	P	3.3
5	☐	250.000	255.634	71819.28	1.6226	P	1.4
6	☐	500.000	505.821	137564.79	3.2077	P	0.4
7	☐	1000.000	1005.006	268200.42	6.3704	P	1.1
8	☐	2000.000	1995.155	523691.23	12.6437	P	1.1
9	☐			1892.39	0.0458	P	1.5

$$y = 0.0063 * x + 0.0030$$

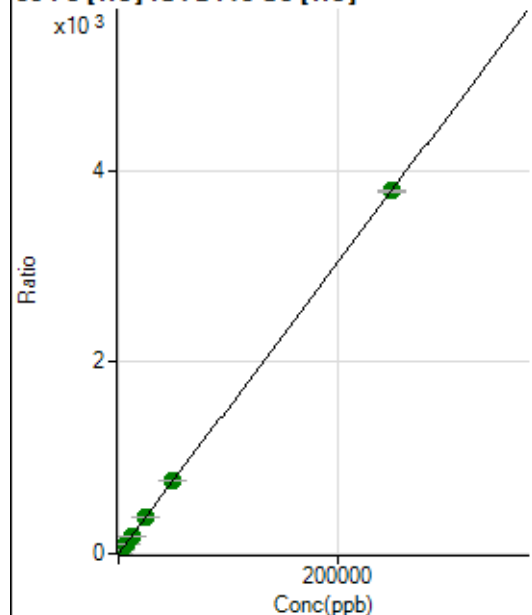
$$R = 1.0000$$

$$DL = 0.2013$$

$$BEC = 0.4723$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2817.04	0.0666	P	1.2
2	☐	5.000					
3	☐	50.000	45.080	33889.83	0.7495	P	0.6
4	☐	2500.000	2603.165	1753564.65	39.5040	A	2.5
5	☐	6250.000	6415.884	4305237.05	97.2659	A	1.1
6	☐	12500.000	12547.137	8154715.11	190.1531	A	0.5
7	☐	25000.000	25112.913	16020028.37	380.5219	A	0.9
8	☐	50000.000	49996.222	31375299.77	757.4988	A	1.0
9	☐	250000.00	249981.93	156344207.2	3,787.240	A	0.6

$$y = 0.0151 * x + 0.0666$$

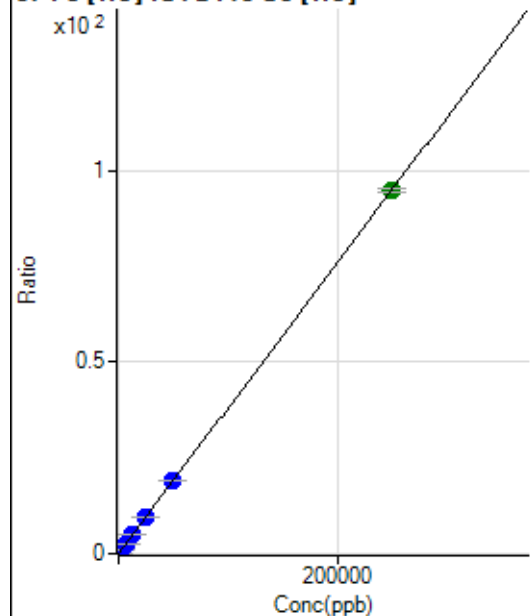
$$R = 1.0000$$

$$DL = 0.1632$$

$$BEC = 4.394$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.71	0.0025	P	24.3
2	☐	5.000					
3	☐	50.000	36.556	737.08	0.0163	P	6.0
4	☐	2500.000	2590.436	43665.22	0.9838	P	3.7
5	☐	6250.000	6426.539	107873.97	2.4372	P	1.2
6	☐	12500.000	12743.678	207148.18	4.8304	P	0.6
7	☐	25000.000	25406.410	405341.03	9.6277	P	0.3
8	☐	50000.000	50544.622	793243.85	19.1514	P	1.0
9	☐	250000.00	249832.93	3907396.70	94.6522	A	0.9

$$y = 3.7885E-004 * x + 0.0025$$

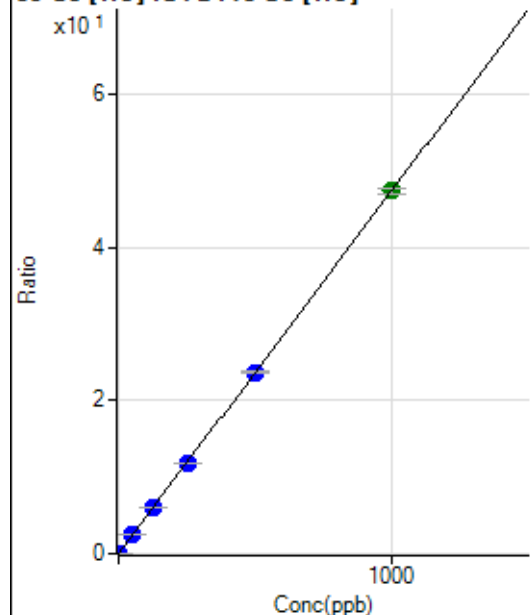
$$R = 1.0000$$

$$DL = 4.734$$

$$BEC = 6.486$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.45	0.0018	P	12.0
2	☐	0.100					
3	☐	1.000	0.909	2024.63	0.0448	P	6.3
4	☐	50.000	51.126	107501.71	2.4217	P	2.2
5	☐	125.000	126.238	264557.18	5.9769	P	0.7
6	☐	250.000	249.432	506370.26	11.8080	P	0.9
7	☐	500.000	499.208	994842.49	23.6306	P	1.1
8	☐	1000.000	1000.327	1961132.19	47.3499	A	1.6
9	☐			2272.45	0.0550	P	3.5

$$y = 0.0473 * x + 0.0018$$

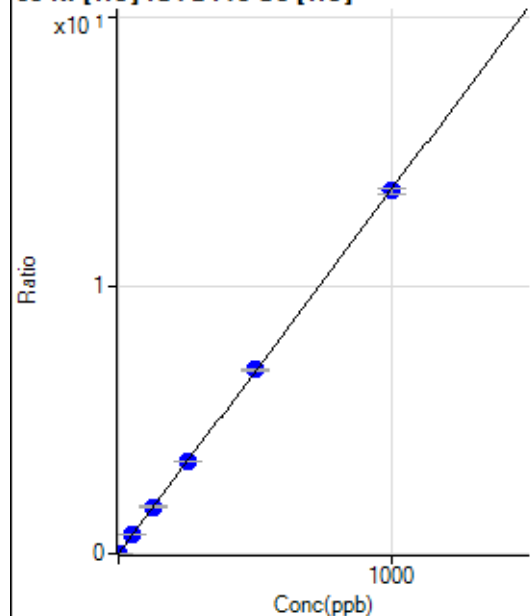
$$R = 1.0000$$

$$DL = 0.01343$$

$$BEC = 0.03729$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	335.57	0.0080	P	16.0
2	☐	0.100					
3	☐	1.000	0.977	961.16	0.0213	P	4.5
4	☐	50.000	51.851	31622.79	0.7124	P	2.7
5	☐	125.000	128.593	77677.37	1.7550	P	1.3
6	☐	250.000	254.066	148355.45	3.4595	P	1.0
7	☐	500.000	504.670	288979.92	6.8641	P	0.9
8	☐	1000.000	996.107	560813.48	13.5404	P	1.4
9	☐			2302.45	0.0558	P	4.9

$$y = 0.0136 * x + 0.0080$$

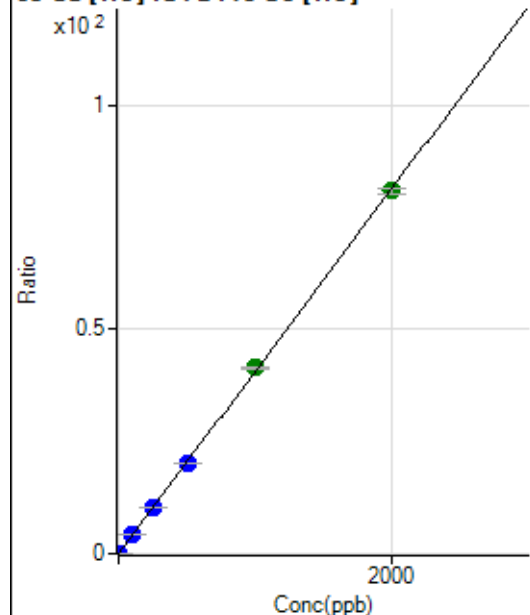
$$R = 1.0000$$

$$DL = 0.2824$$

$$BEC = 0.5872$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.67	0.0051	P	18.7
2	☐	0.200					
3	☐	2.000	1.992	3891.73	0.0861	P	5.1
4	☐	100.000	102.300	184960.37	4.1665	P	2.2
5	☐	250.000	252.683	455199.68	10.2840	P	0.6
6	☐	500.000	498.356	869591.45	20.2777	P	0.8
7	☐	1000.000	1020.240	1747427.34	41.5074	A	1.4
8	☐	2000.000	1989.841	3352710.57	80.9498	A	1.7
9	☐			5253.31	0.1273	P	1.3

$$y = 0.0407 * x + 0.0051$$

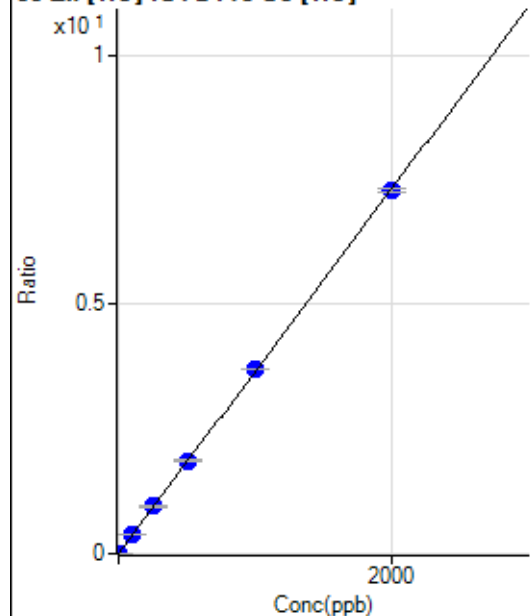
$$R = 0.9999$$

$$DL = 0.07005$$

$$BEC = 0.1252$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0012	P	28.4
2	☐	0.200					
3	☐	2.000	2.187	416.68	0.0092	P	15.0
4	☐	100.000	105.549	17191.96	0.3873	P	3.1
5	☐	250.000	258.195	41862.05	0.9457	P	1.4
6	☐	500.000	509.927	80047.16	1.8666	P	0.7
7	☐	1000.000	1012.006	155910.62	3.7033	P	0.7
8	☐	2000.000	1990.213	301604.33	7.2817	P	1.1
9	☐			1240.08	0.0300	P	2.1

$$y = 0.0037 * x + 0.0012$$

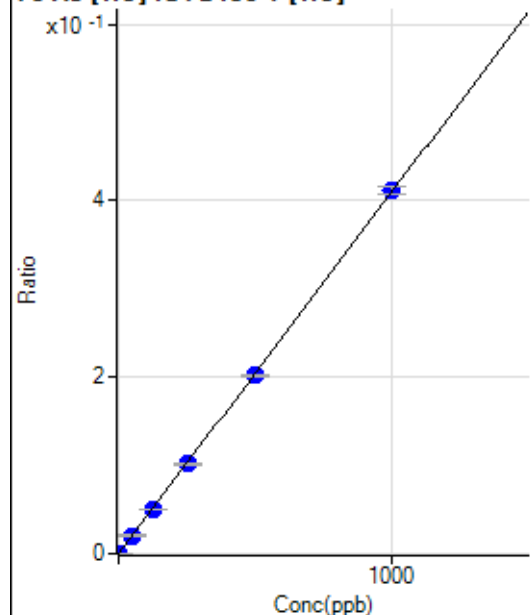
$$R = 1.0000$$

$$DL = 0.2836$$

$$BEC = 0.3329$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.35	0.0000	P	51.8
2	☐	0.100					
3	☐	1.000	0.826	118.52	0.0004	P	14.4
4	☐	50.000	50.128	6315.69	0.0206	P	4.4
5	☐	125.000	123.071	15431.54	0.0504	P	1.1
6	☐	250.000	247.811	29925.58	0.1015	P	1.1
7	☐	500.000	493.131	57826.49	0.2019	P	1.3
8	☐	1000.000	1004.217	112969.22	0.4112	P	2.2
9	☐			39.51	0.0001	P	24.1

$$y = 4.0938\text{E-}004 * x + 4.2094\text{E-}005$$

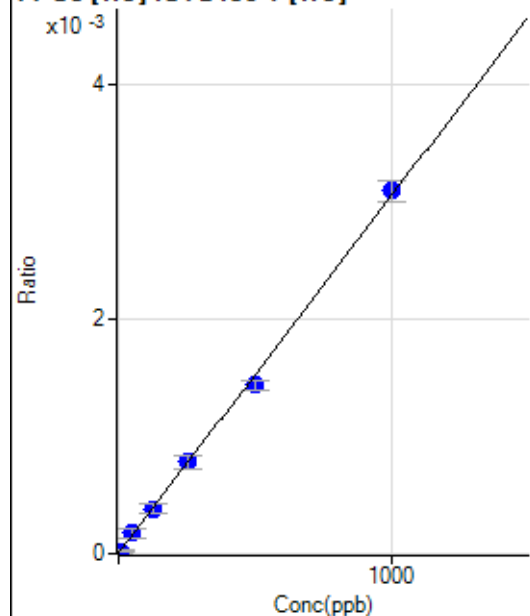
$$R = 1.0000$$

$$DL = 0.1598$$

$$BEC = 0.1028$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.759	6.66	0.0000	P	85.2
4	☐	50.000	55.577	53.33	0.0002	P	48.4
5	☐	125.000	125.117	117.78	0.0004	P	24.8
6	☐	250.000	254.438	230.00	0.0008	P	14.9
7	☐	500.000	470.610	412.23	0.0014	P	6.1
8	☐	1000.000	1013.288	850.04	0.0031	P	5.9
9	☐			1.11	0.0000	P	173.

$$y = 3.0500\text{E-}006 * x + 3.6298\text{E-}006$$

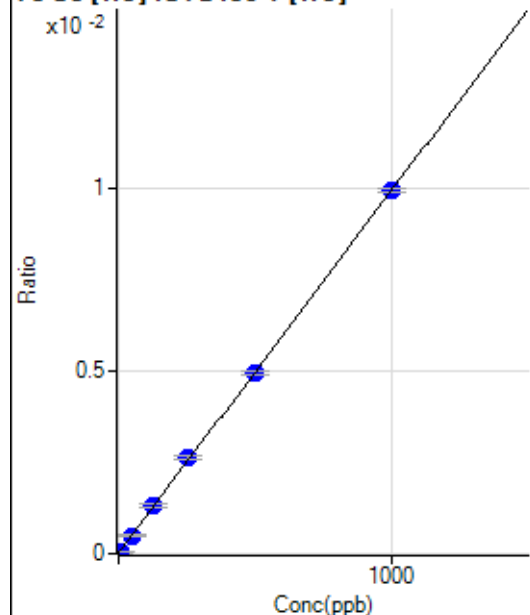
$$R = 0.9993$$

$$DL = 6.184$$

$$BEC = 1.19$$

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	4.94	0.0000	P	54.0
2	☐	0.500					
3	☐	5.000	3.551	16.05	0.0001	P	30.6
4	☐	50.000	47.819	151.24	0.0005	P	13.9
5	☐	125.000	129.799	399.39	0.0013	P	6.6
6	☐	250.000	262.040	772.25	0.0026	P	4.3
7	☐	500.000	495.214	1413.05	0.0049	P	2.4
8	☐	1000.000	998.899	2730.54	0.0099	P	1.0
9	☐			2.47	0.0000	P	114.

$$y = 9.9308\text{E-}006 * x + 1.6359\text{E-}005$$

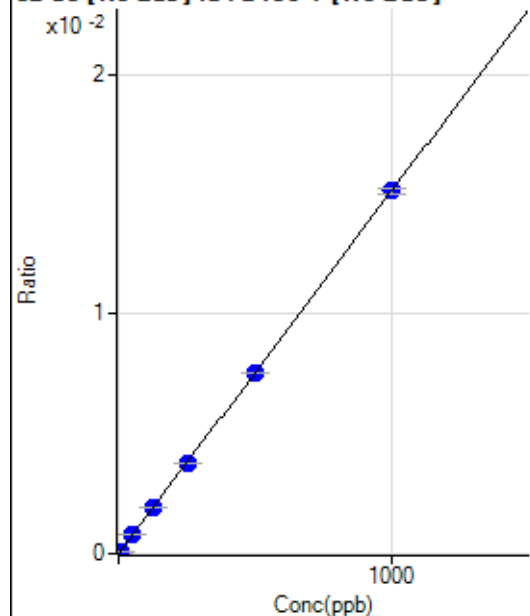
$$R = 0.9999$$

$$DL = 2.668$$

$$BEC = 1.647$$

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	-107.01	0.0000	P	-21.
2	☐	0.500					
3	☐	5.000	4.847	535.38	0.0001	P	7.8
4	☐	50.000	50.827	6661.29	0.0008	P	1.7
5	☐	125.000	126.732	16665.06	0.0019	P	0.9
6	☐	250.000	249.303	31953.59	0.0038	P	0.1
7	☐	500.000	497.870	63335.32	0.0075	P	0.0
8	☐	1000.000	1000.982	121761.70	0.0152	P	1.8
9	☐			30.69	0.0000	P	103.

$$y = 1.5150\text{E-}005 * x - 1.2012\text{E-}005$$

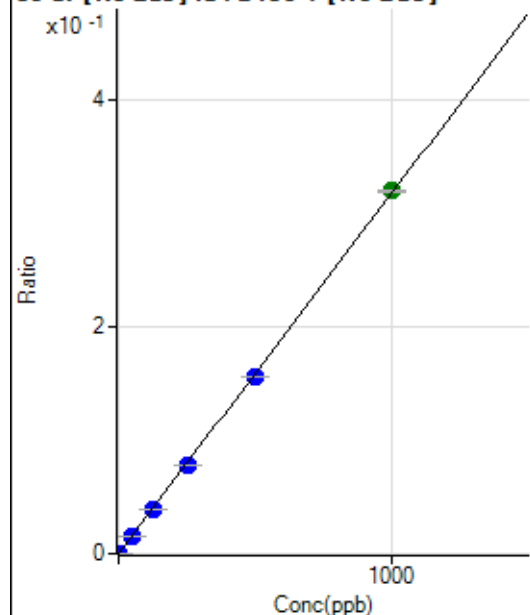
$$R = 1.0000$$

$$DL = 0.5136$$

$$BEC = -0.7929$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1038.98	0.0001	P	1.4
2	☐	0.100					
3	☐	1.000	0.892	3472.82	0.0004	P	12.2
4	☐	50.000	49.747	139935.65	0.0159	P	0.4
5	☐	125.000	123.048	342510.84	0.0392	P	0.7
6	☐	250.000	244.301	659797.29	0.0777	P	0.2
7	☐	500.000	489.479	1308968.14	0.1556	P	0.2
8	☐	1000.000	1006.942	2572153.29	0.3201	A	0.7
9	☐			87054.73	0.0107	P	1.5

$$y = 3.1773\text{E-}004 * x + 1.1661\text{E-}004$$

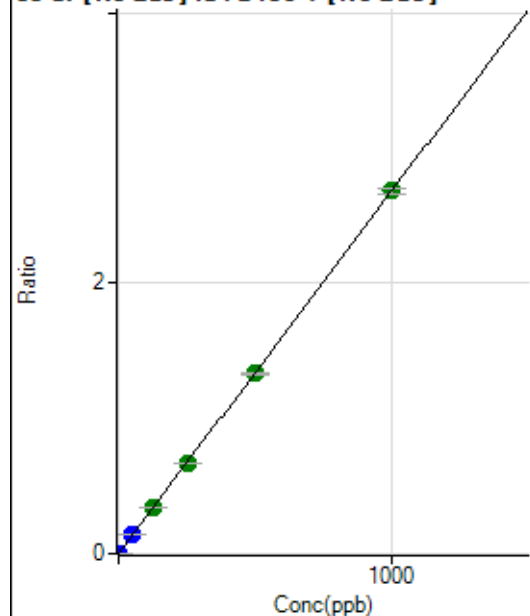
$$R = 0.9999$$

$$DL = 0.01492$$

$$BEC = 0.367$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.68	0.0000	P	10.8
2	☐	0.100					
3	☐	1.000	0.931	21976.95	0.0025	P	4.6
4	☐	50.000	50.835	1198079.05	0.1363	P	0.2
5	☐	125.000	127.288	2981124.96	0.3413	A	0.2
6	☐	250.000	248.395	5652524.56	0.6660	A	0.6
7	☐	500.000	497.558	11218891.14	1.3340	A	0.6
8	☐	1000.000	1001.294	21572580.17	2.6845	A	1.5
9	☐			743922.70	0.0911	P	1.2

$$y = 0.0027 * x + 3.2747\text{E-}005$$

$$R = 1.0000$$

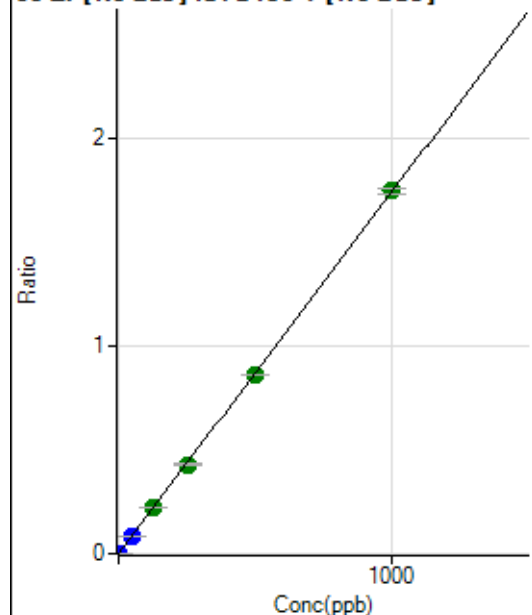
$$DL = 0.003946$$

$$BEC = 0.01221$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	533.37	0.0001	P	3.8
2	☐	0.100					
3	☐	1.000	0.841	13245.88	0.0015	P	1.3
4	☐	50.000	49.066	750707.51	0.0854	P	0.4
5	☐	125.000	125.486	1907363.80	0.2184	A	0.7
6	☐	250.000	246.807	3644752.69	0.4294	A	0.5
7	☐	500.000	494.086	7229728.20	0.8596	A	0.2
8	☐	1000.000	1003.741	14033218.54	1.7463	A	1.3
9	☐			3083.82	0.0004	P	1.5

$$y = 0.0017 * x + 5.9856E-005$$

$$R = 1.0000$$

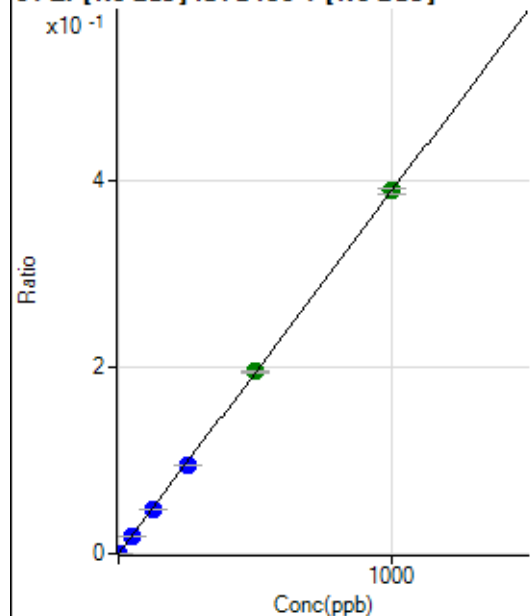
$$DL = 0.0039$$

$$BEC = 0.03441$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.67	0.0000	P	29.7
2	☐	0.100					
3	☐	1.000	0.837	2961.58	0.0003	P	10.0
4	☐	50.000	48.086	164356.39	0.0187	P	0.4
5	☐	125.000	121.571	412767.18	0.0473	P	1.3
6	☐	250.000	243.527	803304.29	0.0946	P	0.2
7	☐	500.000	501.705	1639679.21	0.1950	A	1.1
8	☐	1000.000	1001.290	3126701.00	0.3891	A	1.8
9	☐			675.05	0.0001	P	3.6

$$y = 3.8859E-004 * x + 1.5908E-005$$

$$R = 1.0000$$

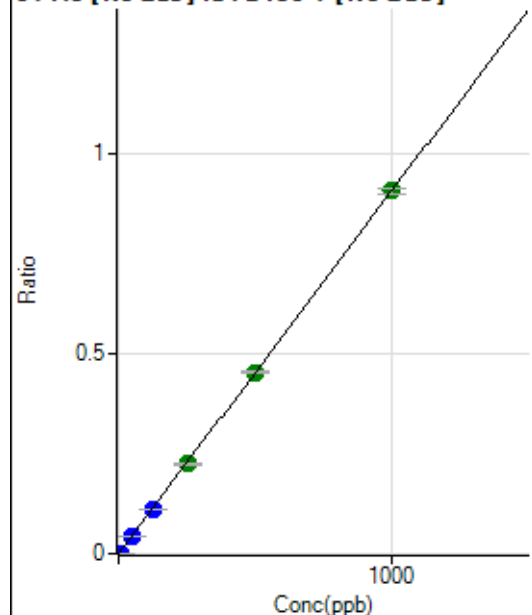
$$DL = 0.03648$$

$$BEC = 0.04094$$

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	269.46	0.0000	P	20.3
2	☐	0.500					
3	☐	5.000	1.917	15345.36	0.0018	P	4.7
4	☐	50.000	48.435	385482.30	0.0439	P	1.0
5	☐	125.000	123.458	976183.90	0.1118	P	0.5
6	☐	250.000	246.992	1897424.52	0.2236	A	0.8
7	☐	500.000	499.853	3804513.50	0.4524	A	1.1
8	☐	1000.000	1001.112	7280752.16	0.9060	A	1.6
9	☐			4706.59	0.0006	P	5.9

$$y = 9.0500\text{E-}004 * x + 3.0251\text{E-}005$$

$$R = 1.0000$$

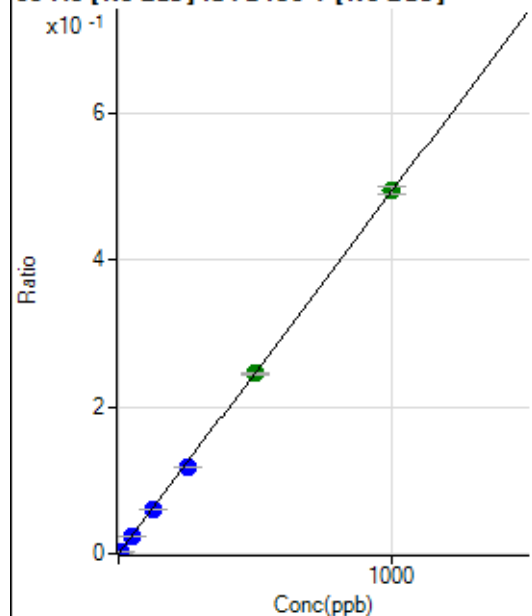
$$DL = 0.02035$$

$$BEC = 0.03343$$

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	108.34	0.0000	P	34.8
2	☐	0.500					
3	☐	5.000	4.219	18190.66	0.0021	P	3.9
4	☐	50.000	48.122	208562.09	0.0237	P	0.8
5	☐	125.000	121.038	521222.42	0.0597	P	0.4
6	☐	250.000	241.238	1009289.93	0.1189	P	0.5
7	☐	500.000	499.556	2070846.03	0.2462	A	1.0
8	☐	1000.000	1003.006	3972618.84	0.4944	A	2.3
9	☐			6182.21	0.0008	P	1.7

$$y = 4.9291\text{E-}004 * x + 1.2146\text{E-}005$$

$$R = 1.0000$$

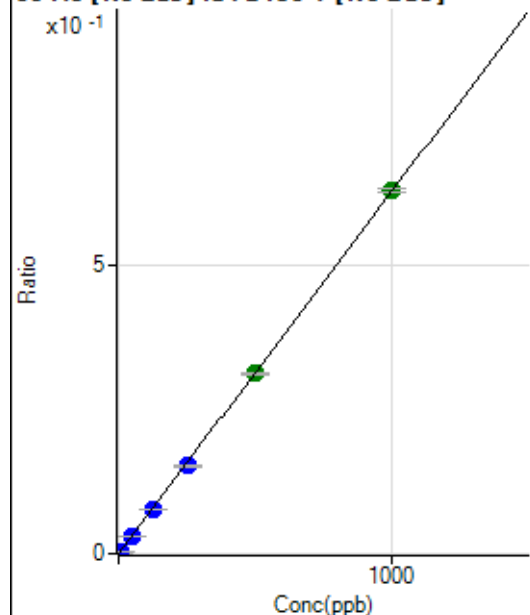
$$DL = 0.02572$$

$$BEC = 0.02464$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.91	0.0000	P	35.5
2	☐	0.500					
3	☐	5.000	3.622	20099.01	0.0023	P	3.1
4	☐	50.000	48.012	265428.52	0.0302	P	0.2
5	☐	125.000	120.697	662713.74	0.0759	P	0.4
6	☐	250.000	241.910	1290348.52	0.1520	P	0.2
7	☐	500.000	499.078	2637347.02	0.3136	A	1.3
8	☐	1000.000	1003.128	5065370.90	0.6303	A	1.2
9	☐			8842.20	0.0011	P	3.5

$$y = 6.2832\text{E-}004 * x + 3.5243\text{E-}005$$

$$R = 1.0000$$

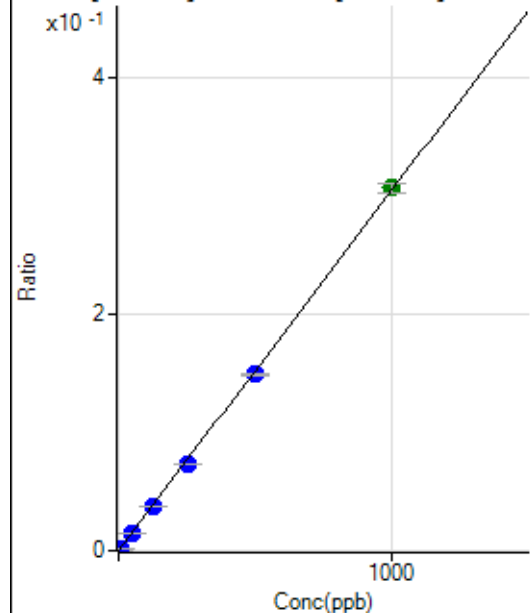
$$DL = 0.05981$$

$$BEC = 0.05609$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	43.8
2	☐	0.500					
3	☐	5.000	4.306	11463.66	0.0013	P	3.9
4	☐	50.000	48.426	129395.38	0.0147	P	0.8
5	☐	125.000	120.996	321204.12	0.0368	P	0.2
6	☐	250.000	242.111	624431.30	0.0736	P	0.2
7	☐	500.000	489.425	1250663.30	0.1487	P	1.0
8	☐	1000.000	1007.843	2460567.05	0.3062	A	2.5
9	☐			3753.48	0.0005	P	1.4

$$y = 3.0384\text{E-}004 * x + 9.9885\text{E-}006$$

$$R = 0.9999$$

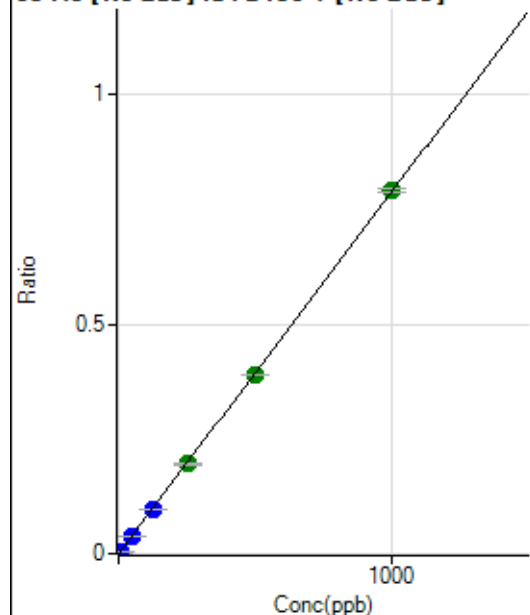
$$DL = 0.04315$$

$$BEC = 0.03287$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0000	P	13.7
2	☐	0.500					
3	☐	5.000	4.119	28414.07	0.0033	P	1.8
4	☐	50.000	48.213	333686.25	0.0380	P	1.3
5	☐	125.000	121.104	832757.53	0.0953	P	0.6
6	☐	250.000	247.727	1654987.65	0.1950	A	0.6
7	☐	500.000	495.134	3277574.84	0.3897	A	0.6
8	☐	1000.000	1003.582	6347776.84	0.7899	A	1.2
9	☐			9509.29	0.0012	P	3.4

$$y = 7.8706\text{E-}004 * x + 2.4328\text{E-}005$$

$$R = 1.0000$$

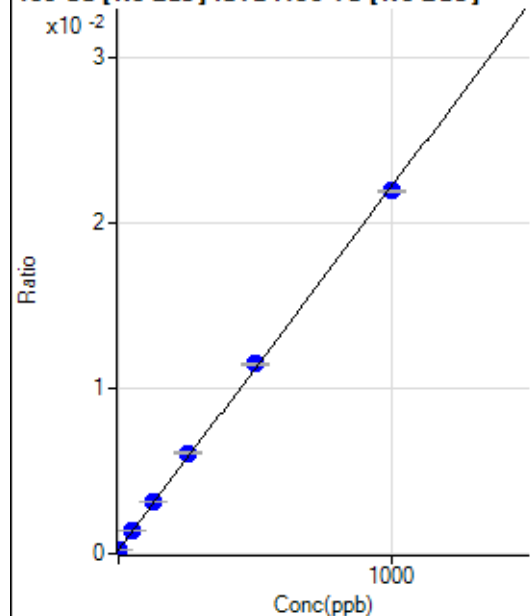
$$DL = 0.0127$$

$$BEC = 0.03091$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2166.93	0.0002	P	2.1
2	☐	0.100					
3	☐	1.000	0.838	2264.19	0.0003	P	6.0
4	☐	50.000	53.948	13048.48	0.0014	P	1.8
5	☐	125.000	133.035	28965.43	0.0032	P	2.0
6	☐	250.000	265.149	55464.95	0.0061	P	1.7
7	☐	500.000	512.738	108325.23	0.0115	P	1.0
8	☐	1000.000	988.642	205995.71	0.0220	P	0.8
9	☐			2158.61	0.0002	P	0.8

$$y = 2.1971\text{E-}005 * x + 2.3386\text{E-}004$$

$$R = 0.9997$$

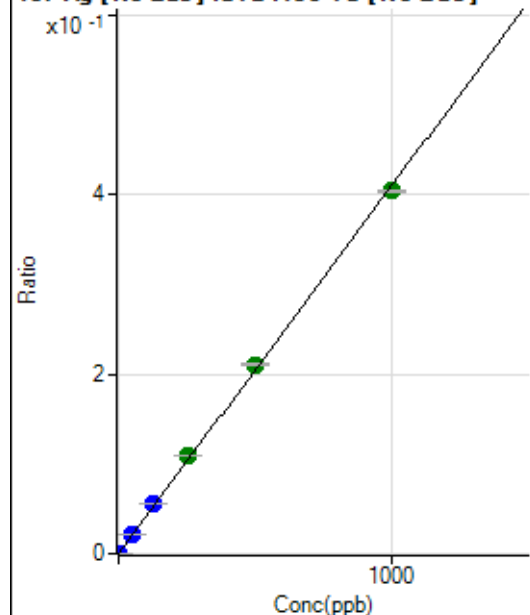
$$DL = 0.6624$$

$$BEC = 10.64$$

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	28.33	0.0000	P	15.6
2	☐	0.100					
3	☐	1.000	1.291	4773.43	0.0005	P	3.0
4	☐	50.000	54.411	204826.18	0.0223	P	0.7
5	☐	125.000	135.143	507674.00	0.0553	P	1.0
6	☐	250.000	268.071	1004512.46	0.1097	A	0.5
7	☐	500.000	514.628	1984604.26	0.2107	A	0.4
8	☐	1000.000	986.679	3789782.02	0.4039	A	0.4
9	☐			337.25	0.0000	P	4.4

$$y = 4.0938\text{E-}004 * x + 3.0577\text{E-}006$$

$$R = 0.9996$$

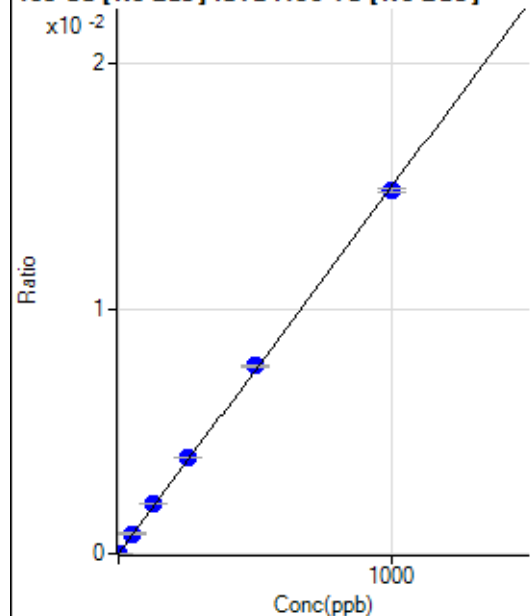
$$DL = 0.003489$$

$$BEC = 0.007469$$

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	19.45	0.0000	P	45.0
2	☐	0.100					
3	☐	1.000	0.824	129.17	0.0000	P	19.5
4	☐	50.000	54.796	7557.85	0.0008	P	4.5
5	☐	125.000	137.511	18902.43	0.0021	P	0.5
6	☐	250.000	262.864	36024.77	0.0039	P	0.8
7	☐	500.000	511.812	72169.86	0.0077	P	0.6
8	☐	1000.000	989.074	138886.31	0.0148	P	1.0
9	☐			43.06	0.0000	P	30.8

$$y = 1.4965\text{E-}005 * x + 2.1011\text{E-}006$$

$$R = 0.9998$$

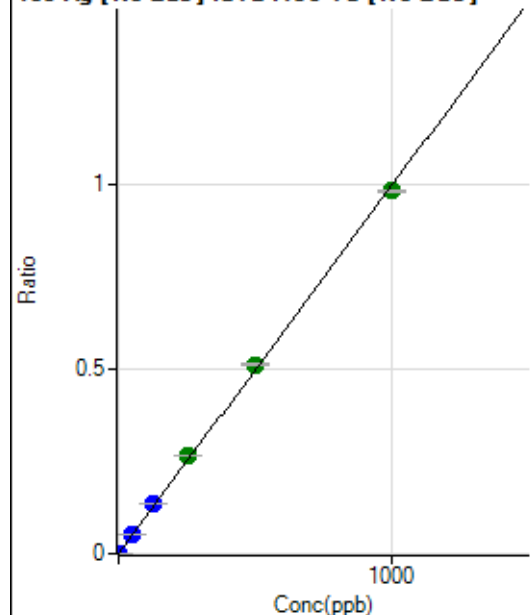
$$DL = 0.1896$$

$$BEC = 0.1404$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	24.0
2	☐	0.100					
3	☐	1.000	1.269	11413.65	0.0013	P	3.4
4	☐	50.000	54.137	495631.78	0.0539	P	1.1
5	☐	125.000	134.783	1231354.93	0.1342	P	1.2
6	☐	250.000	268.174	2443876.88	0.2670	A	0.5
7	☐	500.000	514.973	4829733.01	0.5127	A	0.3
8	☐	1000.000	986.540	9215223.38	0.9822	A	0.6
9	☐			775.06	0.0001	P	7.7

$$y = 9.9560\text{E-}004 * x + 7.7960\text{E-}006$$

$$R = 0.9996$$

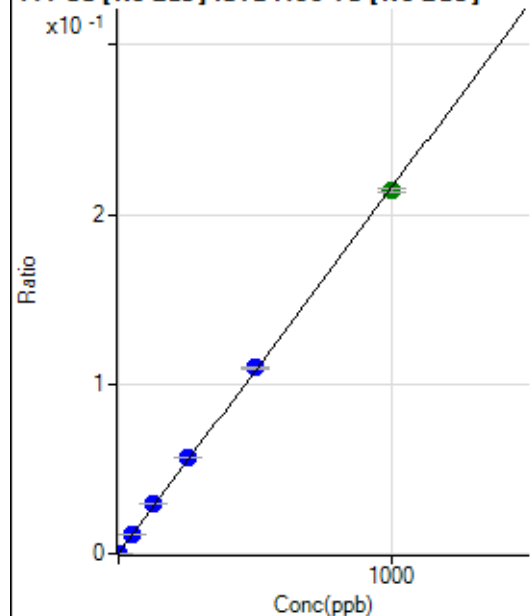
$$DL = 0.005644$$

$$BEC = 0.00783$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1521.29	0.0002	P	2.8
2	☐	0.100					
3	☐	1.000	0.974	3355.80	0.0004	P	5.4
4	☐	50.000	54.113	108675.31	0.0118	P	0.2
5	☐	125.000	134.337	267019.75	0.0291	P	1.1
6	☐	250.000	261.896	517855.93	0.0566	P	0.5
7	☐	500.000	507.853	1032024.57	0.1096	P	0.4
8	☐	1000.000	991.727	2005727.72	0.2138	A	1.1
9	☐			1746.18	0.0002	P	1.9

$$y = 2.1540\text{E-}004 * x + 1.6418\text{E-}004$$

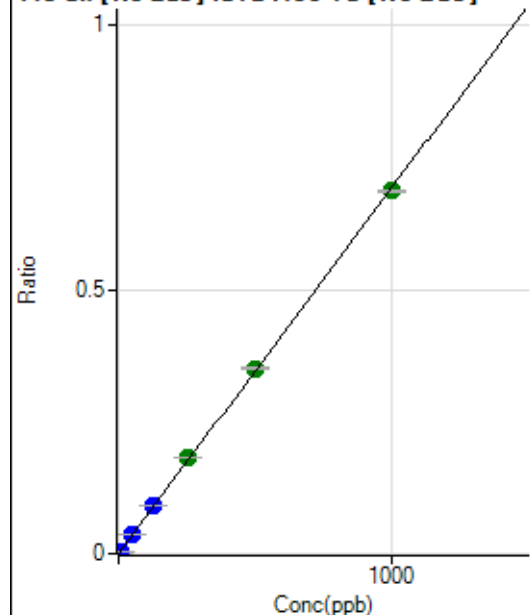
$$R = 0.9999$$

$$DL = 0.06324$$

$$BEC = 0.7622$$

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	836.18	0.0001	P	4.6
2	☐	0.500					
3	☐	5.000	4.701	30018.11	0.0033	P	3.6
4	☐	50.000	52.630	335768.76	0.0365	P	0.6
5	☐	125.000	131.468	835804.42	0.0911	P	1.5
6	☐	250.000	262.181	1661861.41	0.1816	A	1.3
7	☐	500.000	506.921	3306149.73	0.3510	A	1.1
8	☐	1000.000	992.556	6446691.20	0.6871	A	0.7
9	☐			5787.66	0.0006	P	8.7

$$y = 6.9219\text{E-}004 * x + 9.0240\text{E-}005$$

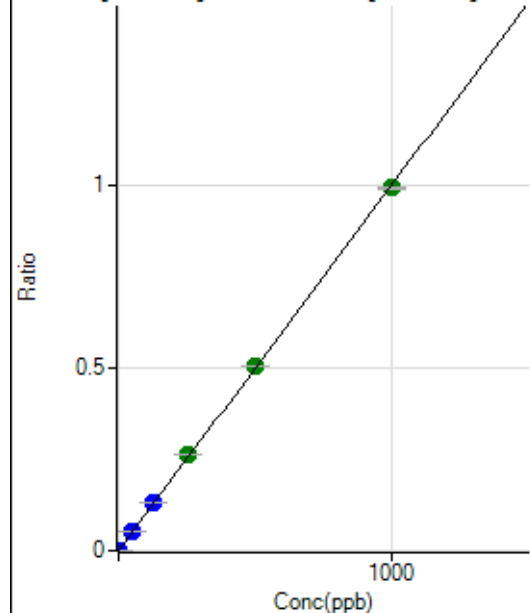
$$R = 0.9999$$

$$DL = 0.01801$$

$$BEC = 0.1304$$

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	80.56	0.0000	P	43.2
2	☐	0.200					
3	☐	2.000	1.902	17192.34	0.0019	P	2.4
4	☐	50.000	52.012	479325.87	0.0521	P	0.3
5	☐	125.000	130.724	1202175.35	0.1310	P	1.2
6	☐	250.000	262.063	2404018.57	0.2626	A	0.4
7	☐	500.000	505.888	4775965.77	0.5070	A	0.4
8	☐	1000.000	993.224	9339175.38	0.9954	A	0.2
9	☐			21334.50	0.0023	P	0.5

$$y = 0.0010 * x + 8.6989\text{E-}006$$

$$R = 0.9999$$

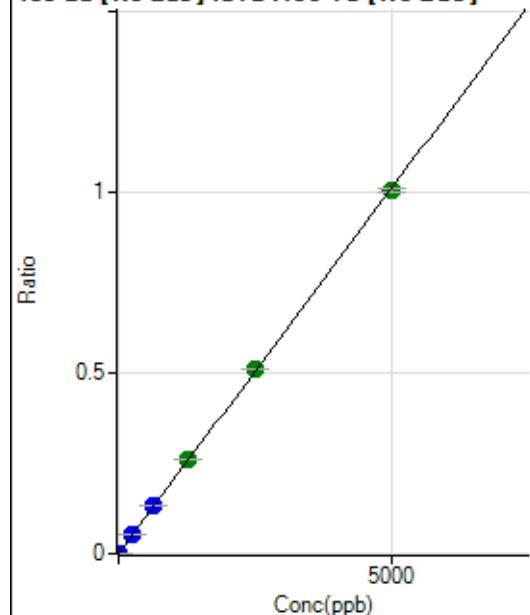
$$DL = 0.01126$$

$$BEC = 0.00868$$

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	133.34	0.0000	P	40.7
2	☐	1.000					
3	☐	10.000	9.341	17100.58	0.0019	P	2.0
4	☐	250.000	259.556	483039.66	0.0525	P	0.6
5	☐	625.000	650.670	1208312.31	0.1317	P	0.9
6	☐	1250.000	1300.012	2408078.46	0.2631	A	0.2
7	☐	2500.000	2532.831	4828314.21	0.5126	A	0.2
8	☐	5000.000	4967.397	9430984.15	1.0052	A	1.0
9	☐			3156.09	0.0003	P	7.4

$$y = 2.0236E-004 * x + 1.4383E-005$$

$$R = 0.9999$$

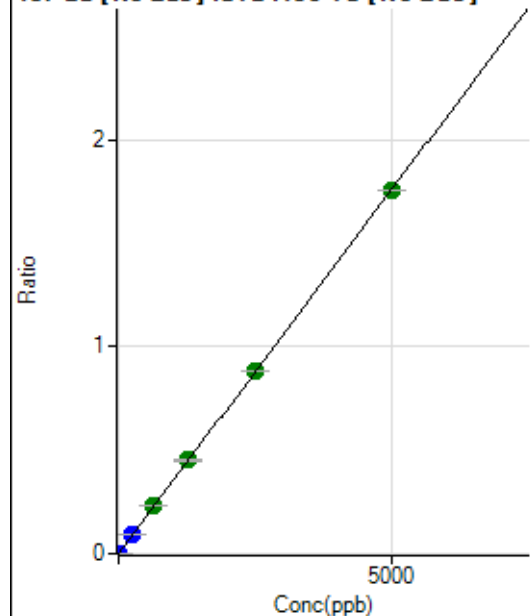
$$DL = 0.08678$$

$$BEC = 0.07108$$

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	175.01	0.0000	P	20.4
2	☐	1.000					
3	☐	10.000	9.453	29996.18	0.0033	P	3.5
4	☐	250.000	257.045	830864.98	0.0904	P	0.3
5	☐	625.000	652.179	2103701.59	0.2293	A	0.6
6	☐	1250.000	1283.611	4130020.79	0.4512	A	0.9
7	☐	2500.000	2504.664	8293471.46	0.8804	A	0.3
8	☐	5000.000	4985.517	16441982.49	1.7525	A	0.1
9	☐			5167.94	0.0005	P	4.7

$$y = 3.5151E-004 * x + 1.8879E-005$$

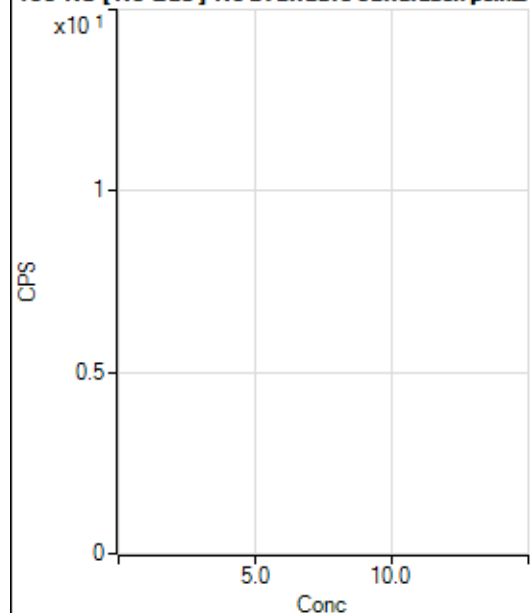
$$R = 1.0000$$

$$DL = 0.03294$$

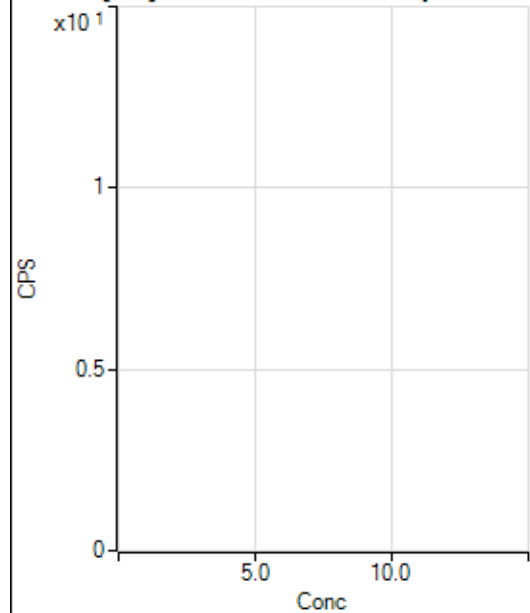
$$BEC = 0.05371$$

Weight: <None>

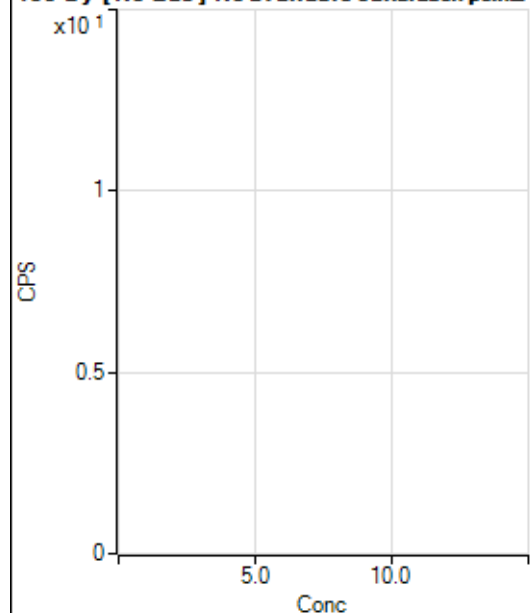
Min Conc: 0

150 Nd [No Gas] No available calibration points

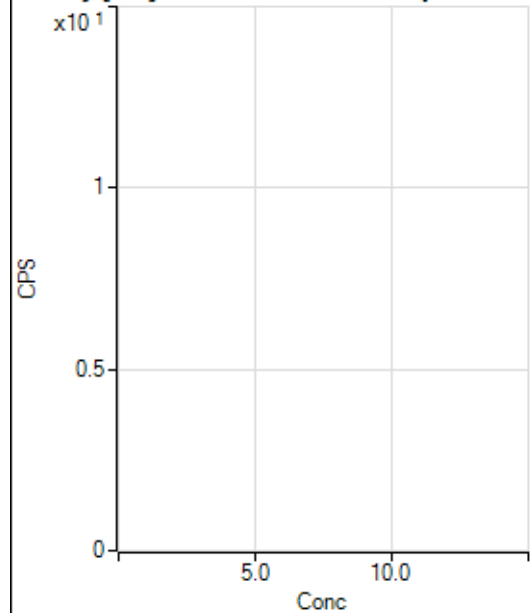
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	43.3
2	☐						
3	☐			24.44		P	41.7
4	☐			42.22		P	50.8
5	☐			93.34		P	31.1
6	☐			124.45		P	8.2
7	☐			255.57		P	14.4
8	☐			326.68		P	12.7
9	☐			86.67		P	27.7

150 Nd [He] No available calibration points

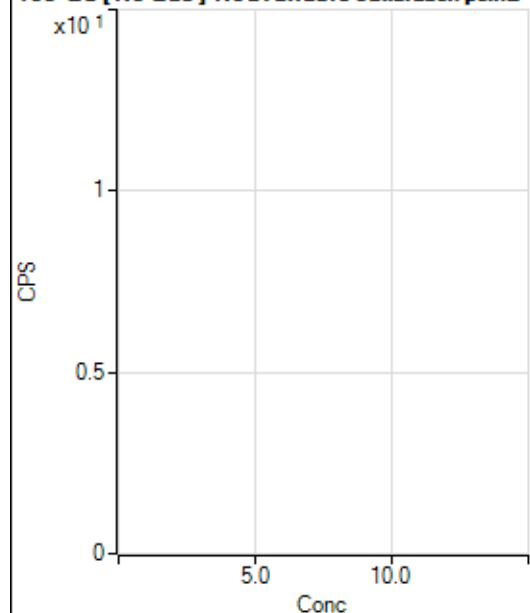
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			3.33		P	100.
6	☐			3.33		P	100.
7	☐			8.89		P	57.3
8	☐			10.00		P	66.7
9	☐			11.11		P	17.3

156 Dy [No Gas] No available calibration points

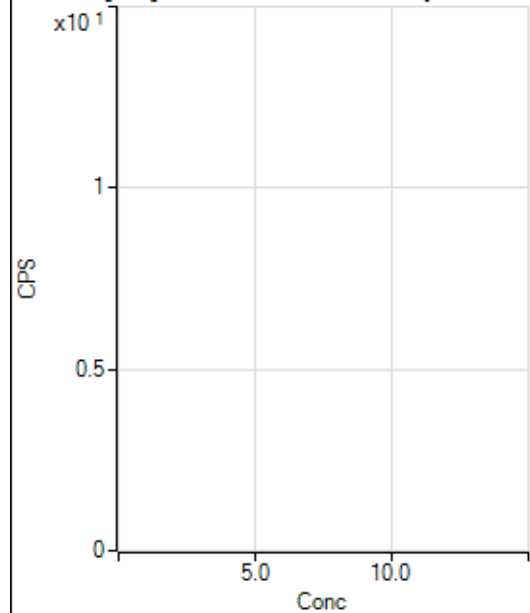
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			16.67		P	86.6
4	☐			19.44		P	99.0
5	☐			36.11		P	81.1
6	☐			52.78		P	32.9
7	☐			100.00		P	50.7
8	☐			127.79		P	16.4
9	☐			88.89		P	14.3

156 Dy [He] No available calibration points

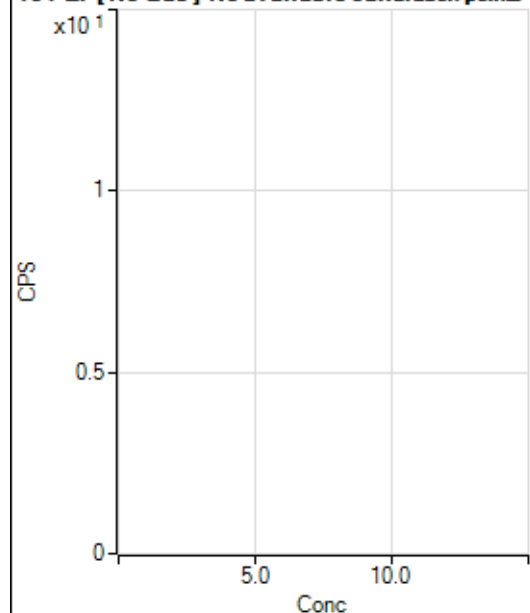
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	100.
5	☐			4.44		P	114.
6	☐			4.44		P	114.
7	☐			14.45		P	48.0
8	☐			14.44		P	58.1
9	☐			21.11		P	39.7

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

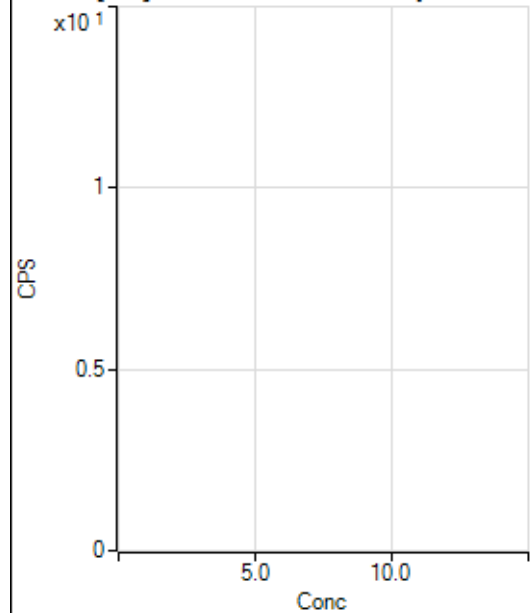
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	30.1
2	☐						
3	☐			127.78		P	26.4
4	☐			91.67		P	31.5
5	☐			136.12		P	34.8
6	☐			83.34		P	10.0
7	☐			163.90		P	2.9
8	☐			158.34		P	9.1
9	☐			113.89		P	22.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	0.0
2	☐						
3	☐			20.00		P	33.4
4	☐			15.55		P	24.8
5	☐			20.00		P	16.7
6	☐			5.56		P	91.6
7	☐			22.22		P	31.2
8	☐			35.55		P	19.5
9	☐			26.66		P	57.3

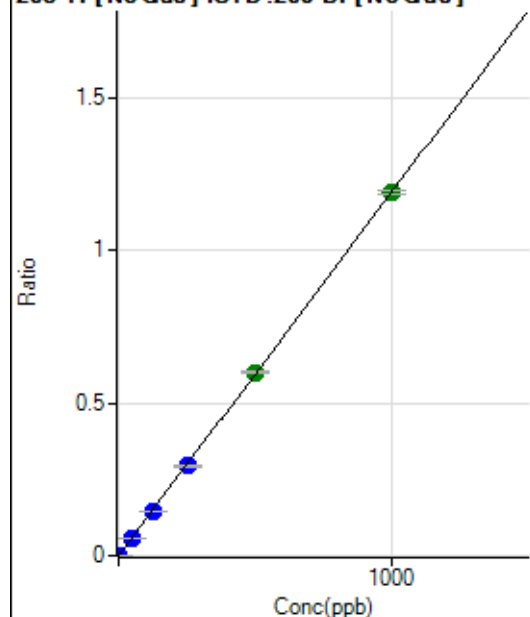
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐						
3	☐			33.33		P	25.0
4	☐			36.11		P	35.3
5	☐			41.67		P	20.0
6	☐			27.78		P	75.5
7	☐			50.00		P	88.2
8	☐			63.89		P	15.1
9	☐			47.23		P	40.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			8.89		P	21.6
4	☐			10.00		P	33.3
5	☐			11.11		P	45.8
6	☐			8.89		P	21.6
7	☐			13.33		P	90.1
8	☐			6.67		P	50.0
9	☐			7.78		P	65.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	33.2
2	☐	0.100					
3	☐	1.000	0.942	5632.07	0.0011	P	5.2
4	☐	50.000	48.954	293451.43	0.0582	P	1.4
5	☐	125.000	123.983	745969.52	0.1475	P	0.0
6	☐	250.000	246.492	1474039.27	0.2932	P	0.5
7	☐	500.000	504.771	3141101.20	0.6004	A	0.6
8	☐	1000.000	998.671	6245451.01	1.1879	A	1.1
9	☐			2286.42	0.0005	P	5.8

$$y = 0.0012 * x + 1.7521E-005$$

$$R = 1.0000$$

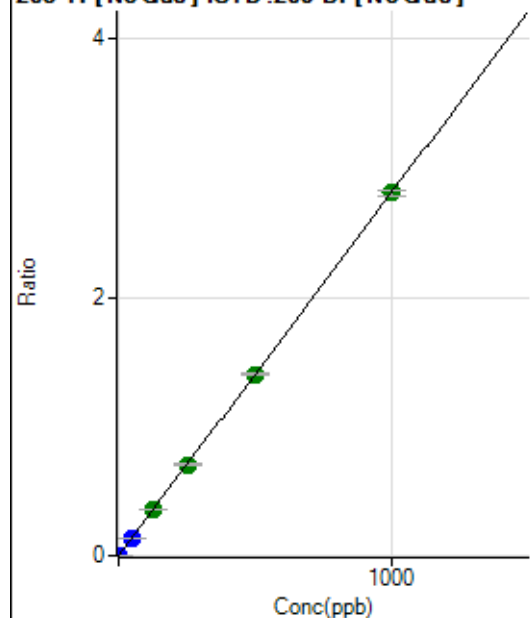
$$DL = 0.01466$$

$$BEC = 0.01473$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	37.7
2	☐	0.100					
3	☐	1.000	0.923	12965.54	0.0026	P	5.6
4	☐	50.000	49.571	701922.08	0.1393	P	1.0
5	☐	125.000	125.603	1785209.70	0.3530	A	1.0
6	☐	250.000	251.545	3553280.68	0.7069	A	1.1
7	☐	500.000	500.246	7353954.42	1.4058	A	0.7
8	☐	1000.000	999.437	14765421.34	2.8086	A	1.3
9	☐			5762.71	0.0011	P	6.2

$$y = 0.0028 * x + 2.7338E-005$$

$$R = 1.0000$$

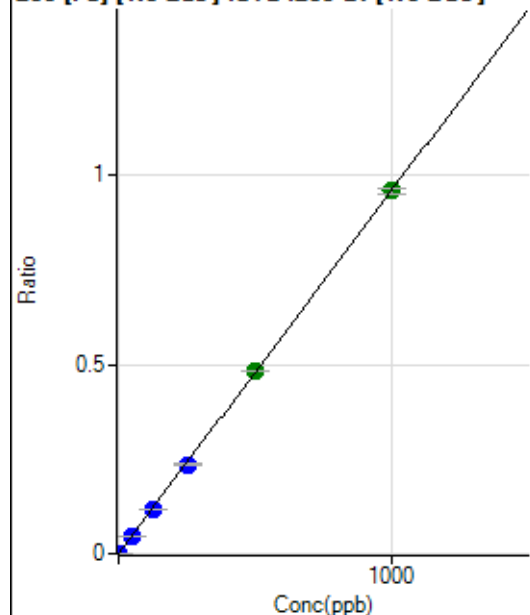
$$DL = 0.01099$$

$$BEC = 0.009728$$

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	466.69	0.0001	P	8.1
2	☐	0.100					
3	☐	1.000	1.051	5447.63	0.0011	P	3.8
4	☐	50.000	49.053	237500.18	0.0471	P	0.6
5	☐	125.000	122.551	594931.81	0.1176	P	1.0
6	☐	250.000	245.390	1183550.81	0.2355	P	0.9
7	☐	500.000	503.659	2527568.92	0.4832	A	0.8
8	☐	1000.000	999.676	5041174.77	0.9589	A	1.6
9	☐			8330.81	0.0017	P	2.9

$$y = 9.5913\text{E-}004 * x + 9.1923\text{E-}005$$

$$R = 1.0000$$

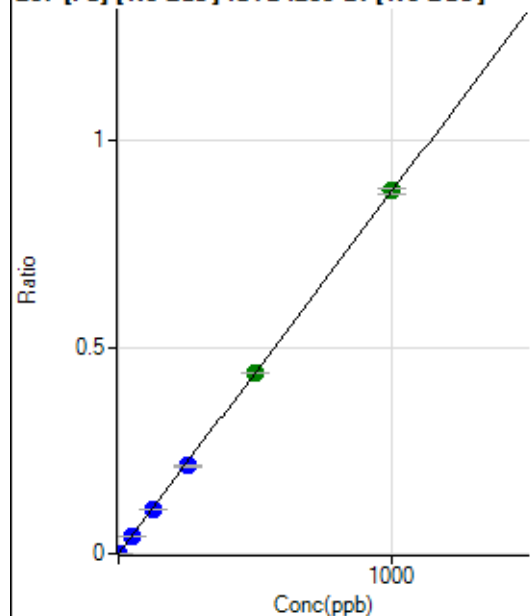
$$DL = 0.02339$$

$$BEC = 0.09584$$

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	396.31	0.0001	P	10.1
2	☐	0.100					
3	☐	1.000	1.104	5173.41	0.0010	P	5.5
4	☐	50.000	48.095	212644.62	0.0422	P	1.1
5	☐	125.000	121.880	540323.26	0.1068	P	0.3
6	☐	250.000	241.776	1064872.76	0.2119	P	1.5
7	☐	500.000	500.519	2293901.50	0.4385	A	0.5
8	☐	1000.000	1002.282	4615714.68	0.8780	A	1.8
9	☐			7274.53	0.0014	P	3.7

$$y = 8.7593\text{E-}004 * x + 7.8055\text{E-}005$$

$$R = 1.0000$$

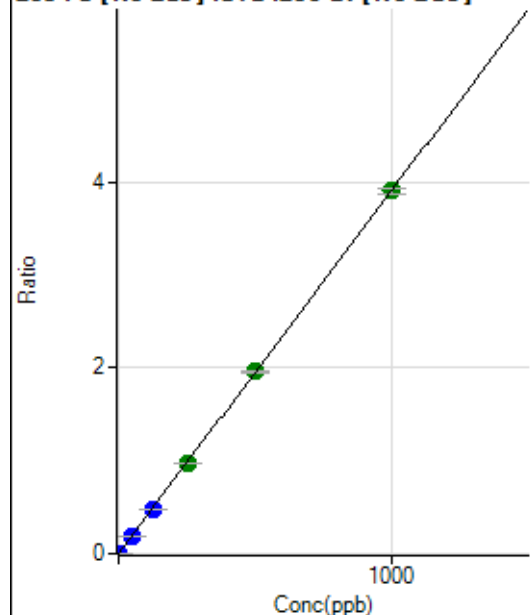
$$DL = 0.02692$$

$$BEC = 0.08911$$

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	1881.60	0.0004	P	2.8
2	☐	0.100					
3	☐	1.000	1.074	22586.28	0.0046	P	5.1
4	☐	50.000	48.634	958868.32	0.1903	P	0.5
5	☐	125.000	122.570	2422990.18	0.4791	P	0.3
6	☐	250.000	248.003	4870595.59	0.9690	A	1.3
7	☐	500.000	502.189	10262402.78	1.9617	A	0.8
8	☐	1000.000	999.777	20530159.95	3.9052	A	1.5
9	☐			32860.08	0.0065	P	2.5

$$y = 0.0039 * x + 3.7069E-004$$

$$R = 1.0000$$

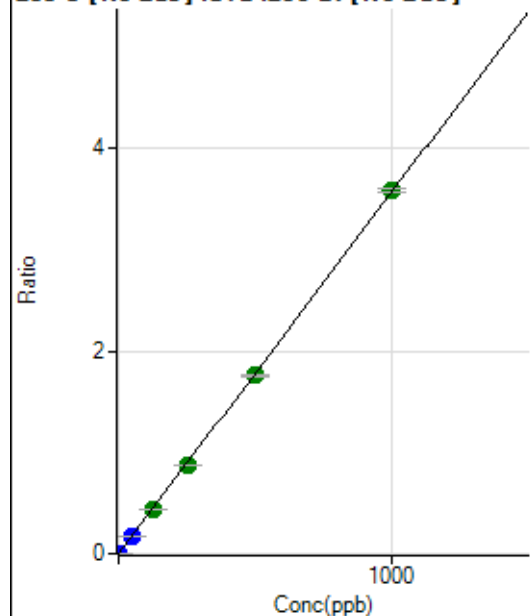
$$DL = 0.007949$$

$$BEC = 0.09491$$

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	169.45	0.0000	P	7.8
2	☐	0.100					
3	☐	1.000	0.831	14842.86	0.0030	P	3.7
4	☐	50.000	48.010	862649.54	0.1712	P	0.6
5	☐	125.000	124.574	2246704.67	0.4442	A	0.0
6	☐	250.000	246.479	4418024.97	0.8789	A	0.9
7	☐	500.000	492.982	9195862.88	1.7579	A	0.5
8	☐	1000.000	1004.542	18832064.13	3.5819	A	1.1
9	☐			1897.47	0.0004	P	15.5

$$y = 0.0036 * x + 3.3390E-005$$

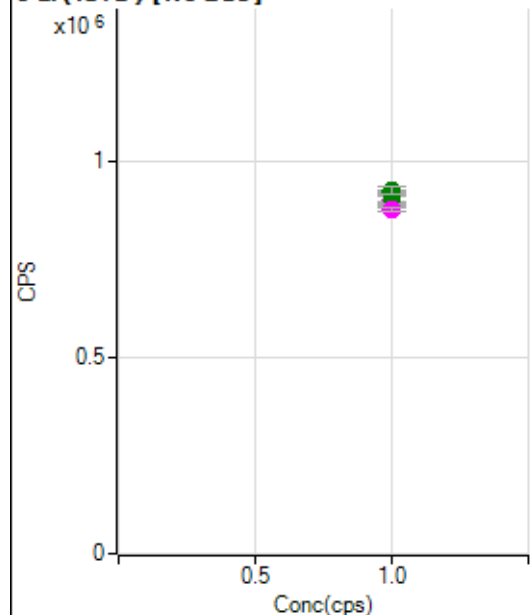
$$R = 1.0000$$

$$DL = 0.0022$$

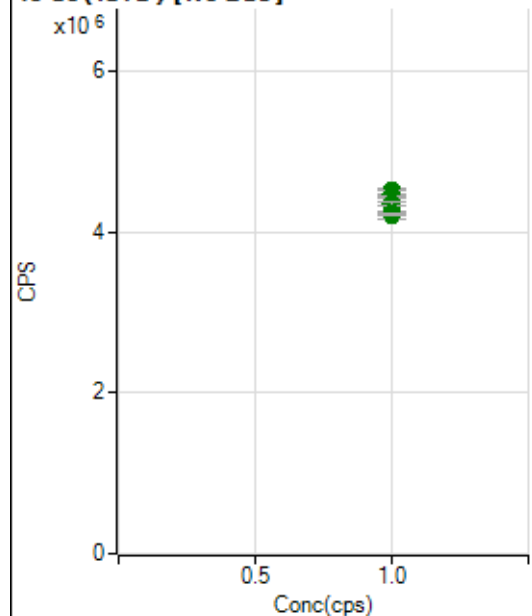
$$BEC = 0.009364$$

Weight: <None>

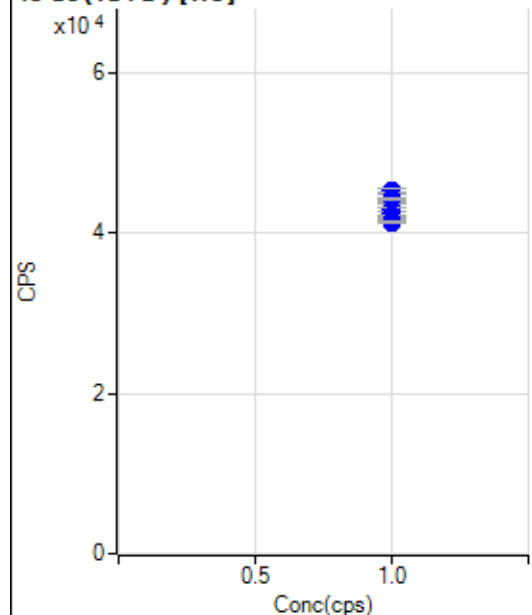
Min Conc: 0

6 Li (ISTD) [No Gas]

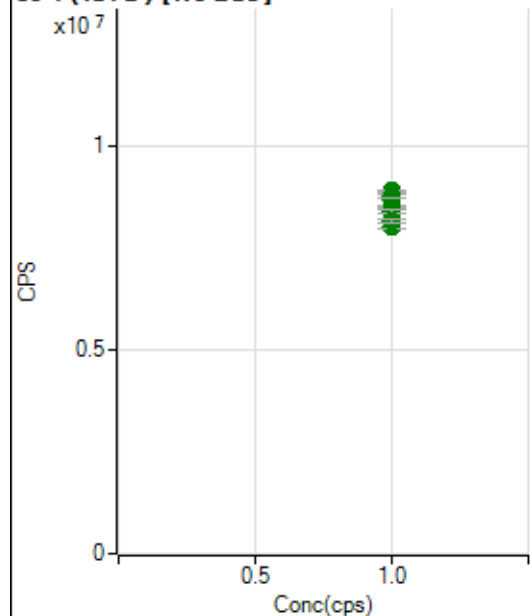
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		899742.95		M	1.9
2	☐	1.000					
3	☐	1.000		910084.51		A	2.7
4	☐	1.000		921021.50		A	0.6
5	☐	1.000		917498.22		A	1.8
6	☐	1.000		889048.49		A	0.4
7	☐	1.000		921002.75		A	1.1
8	☐	1.000		922940.69		A	2.0
9	☐	1.000		876180.94		M	1.5

45 Sc (ISTD) [No Gas]

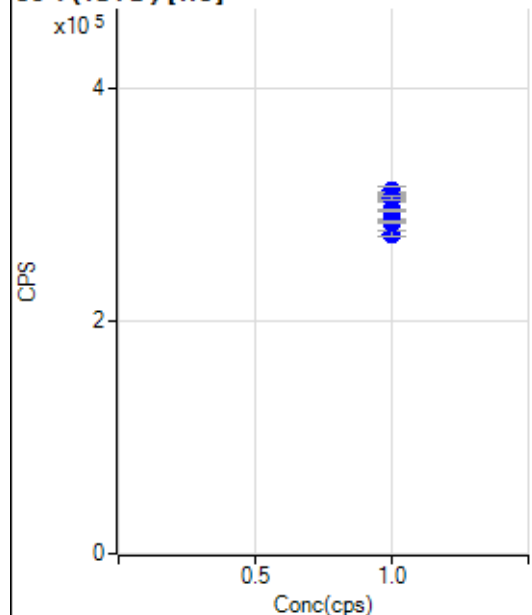
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4472851.97		A	0.1
2	☐	1.000					
3	☐	1.000		4466820.11		A	3.7
4	☐	1.000		4515735.30		A	0.1
5	☐	1.000		4440044.72		A	0.3
6	☐	1.000		4356866.02		A	0.7
7	☐	1.000		4351437.60		A	1.0
8	☐	1.000		4211226.40		A	2.0
9	☐	1.000		4231941.41		A	0.6

45 Sc (ISTD) [He]

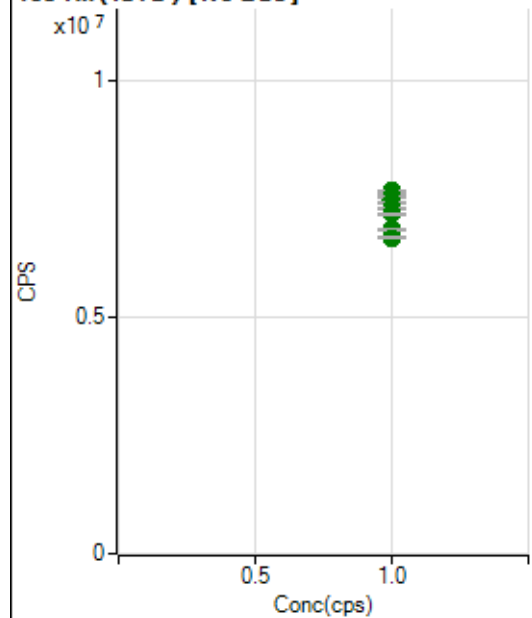
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		42314.28		P	5.6
2	☐	1.000					
3	☐	1.000		45213.77		P	1.1
4	☐	1.000		44404.64		P	2.1
5	☐	1.000		44264.13		P	0.7
6	☐	1.000		42885.45		P	0.8
7	☐	1.000		42101.96		P	0.7
8	☐	1.000		41422.29		P	1.1
9	☐	1.000		41282.95		P	0.7

89 Y (ISTD) [No Gas]

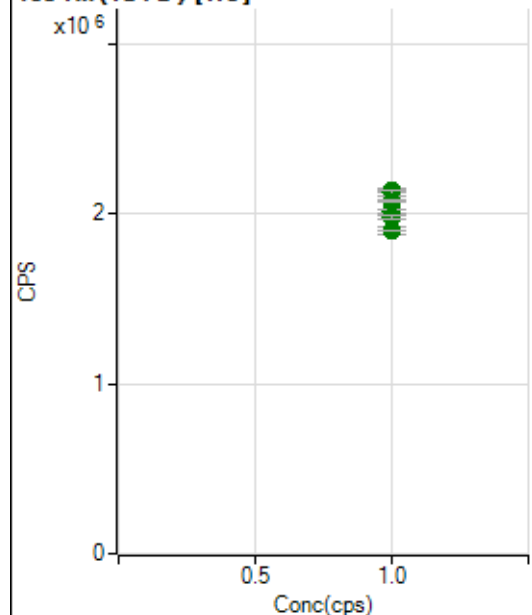
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8910098.27		A	0.5
2	☐	1.000					
3	☐	1.000		8702882.93		A	3.2
4	☐	1.000		8788417.37		A	0.6
5	☐	1.000		8734729.11		A	0.5
6	☐	1.000		8487280.99		A	0.5
7	☐	1.000		8410357.79		A	1.2
8	☐	1.000		8037228.77		A	1.7
9	☐	1.000		8166618.98		A	0.8

89 Y(ISTD) [He]

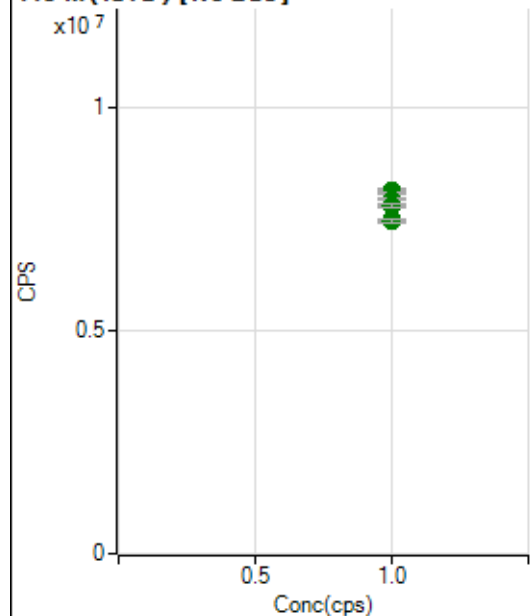
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		295275.46		P	6.9
2	☐	1.000					
3	☐	1.000		311852.47		P	2.1
4	☐	1.000		307357.24		P	2.7
5	☐	1.000		306044.91		P	0.8
6	☐	1.000		294863.23		P	0.5
7	☐	1.000		286395.73		P	0.8
8	☐	1.000		274824.35		P	1.5
9	☐	1.000		284849.24		P	0.2

103 Rh(ISTD) [No Gas]

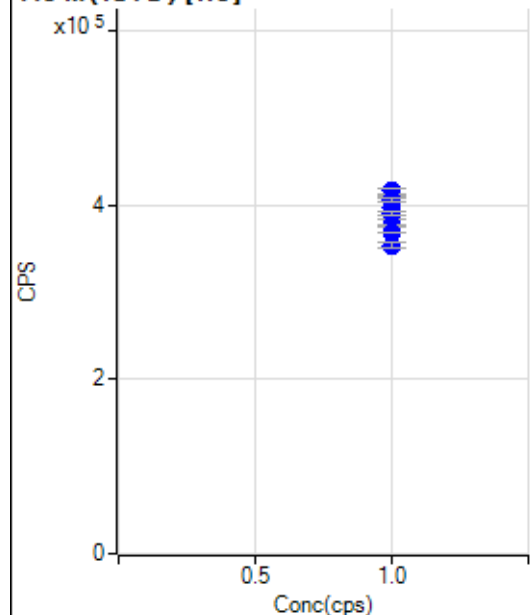
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7678831.08		A	0.2
2	☐	1.000					
3	☐	1.000		7499652.34		A	2.6
4	☐	1.000		7559077.25		A	0.4
5	☐	1.000		7429757.20		A	0.3
6	☐	1.000		7306342.87		A	0.4
7	☐	1.000		7184063.62		A	0.3
8	☐	1.000		6860680.80		A	0.5
9	☐	1.000		6691252.28		A	1.1

103 Rh (ISTD) [He]

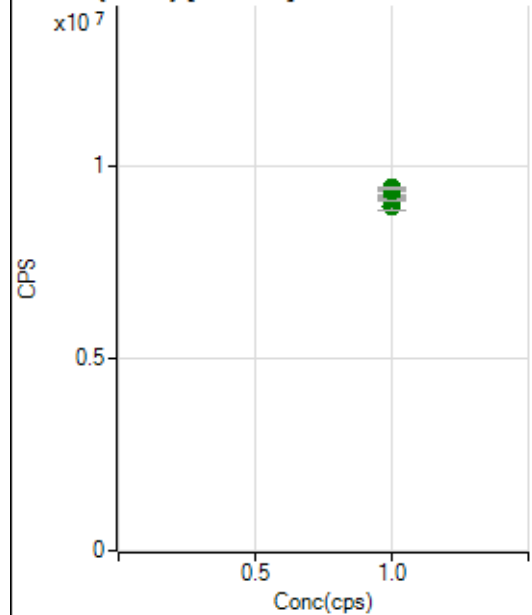
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2076689.05		A	6.7
2	☐	1.000					
3	☐	1.000		2135219.17		A	0.8
4	☐	1.000		2122796.23		A	1.8
5	☐	1.000		2074592.74		A	0.5
6	☐	1.000		2014387.73		A	1.0
7	☐	1.000		1978907.33		A	1.1
8	☐	1.000		1898938.65		A	2.3
9	☐	1.000		1899633.63		A	0.3

115 In (ISTD) [No Gas]

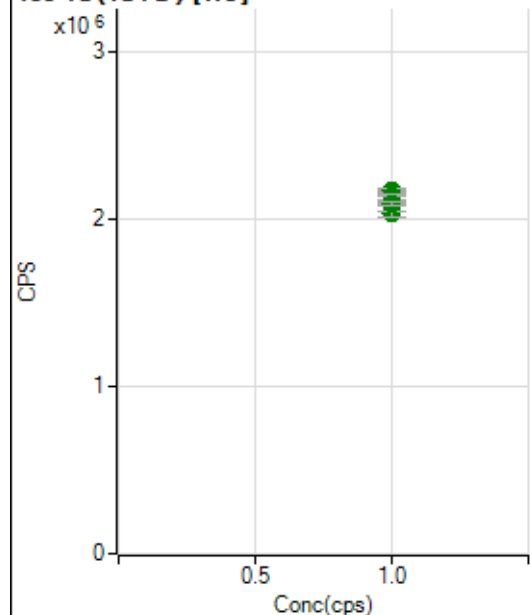
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8147191.58		A	1.0
2	☐	1.000					
3	☐	1.000		8004537.11		A	3.8
4	☐	1.000		8102354.09		A	0.4
5	☐	1.000		7957339.33		A	0.7
6	☐	1.000		7831807.01		A	0.9
7	☐	1.000		7807359.48		A	1.0
8	☐	1.000		7505623.71		A	0.8
9	☐	1.000		7474507.28		A	0.8

115 In (ISTD) [He]

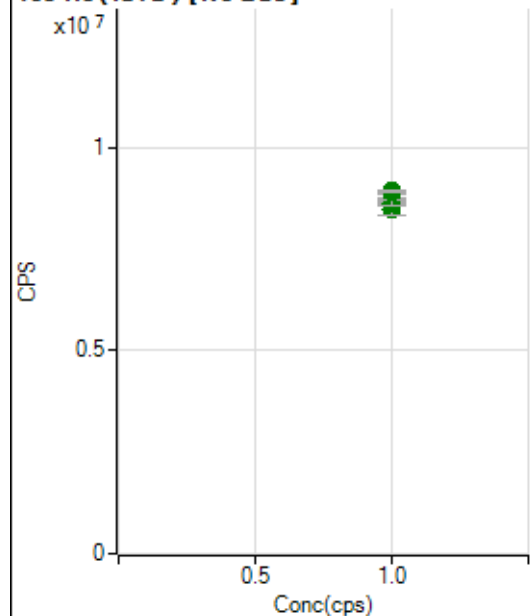
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		396241.84		P	6.7
2	☐	1.000					
3	☐	1.000		415925.60		P	1.4
4	☐	1.000		408733.96		P	2.2
5	☐	1.000		405226.42		P	1.0
6	☐	1.000		390690.92		P	1.1
7	☐	1.000		376689.51		P	0.5
8	☐	1.000		353373.47		P	1.5
9	☐	1.000		368026.96		P	0.3

159 Tb (ISTD) [No Gas]

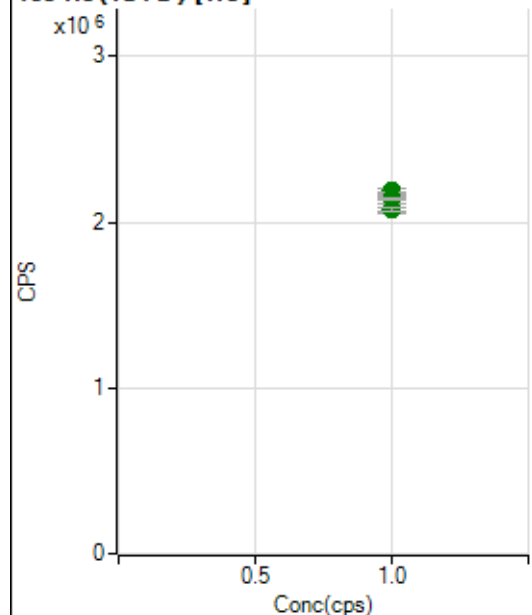
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9265366.04		A	0.4
2	☐	1.000					
3	☐	1.000		8982480.00		A	3.1
4	☐	1.000		9193928.82		A	0.4
5	☐	1.000		9176129.51		A	0.7
6	☐	1.000		9153229.45		A	0.8
7	☐	1.000		9419913.68		A	0.2
8	☐	1.000		9382311.11		A	0.6
9	☐	1.000		9448782.98		A	0.4

159 Tb (ISTD) [He]

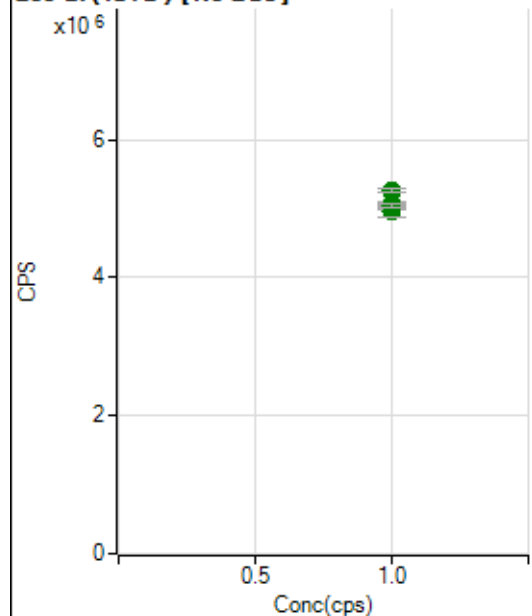
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2104031.08		A	6.2
2	☐	1.000					
3	☐	1.000		2167324.36		A	1.5
4	☐	1.000		2133459.52		A	2.0
5	☐	1.000		2140525.80		A	0.7
6	☐	1.000		2093649.02		A	0.7
7	☐	1.000		2090210.11		A	0.6
8	☐	1.000		2028848.39		A	2.0
9	☐	1.000		2093519.12		A	0.9

165 Ho (ISTD) [No Gas]

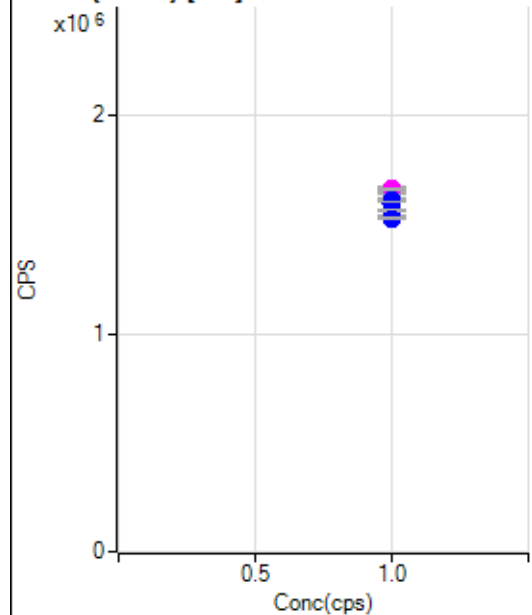
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8721520.68		A	0.5
2	☐	1.000					
3	☐	1.000		8483135.35		A	3.9
4	☐	1.000		8611779.36		A	0.5
5	☐	1.000		8685583.01		A	0.6
6	☐	1.000		8638650.28		A	1.4
7	☐	1.000		8928256.88		A	0.5
8	☐	1.000		8886888.74		A	0.6
9	☐	1.000		8935736.14		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2133695.94		A	7.0
2	☐	1.000					
3	☐	1.000		2181022.71		A	1.7
4	☐	1.000		2188237.47		A	1.6
5	☐	1.000		2176256.63		A	0.6
6	☐	1.000		2138071.24		A	0.7
7	☐	1.000		2110683.67		A	0.3
8	☐	1.000		2077290.16		A	1.1
9	☐	1.000		2141842.29		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5075792.53		A	0.5
2	☐	1.000					
3	☐	1.000		4954455.20		A	3.1
4	☐	1.000		5038262.08		A	0.9
5	☐	1.000		5057538.89		A	0.2
6	☐	1.000		5027205.93		A	1.6
7	☐	1.000		5231292.39		A	0.2
8	☐	1.000		5257785.13		A	1.2
9	☐	1.000		5038488.43		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1594834.32		P	6.7
2	☐	1.000					
3	☐	1.000		1656675.20		P	1.2
4	☐	1.000		1655290.05		P	2.1
5	☐	1.000		1663388.66		M	0.3
6	☐	1.000		1614261.82		P	0.5
7	☐	1.000		1604883.21		P	0.2
8	☐	1.000		1564274.65		P	1.0
9	☐	1.000		1528811.49		P	0.2

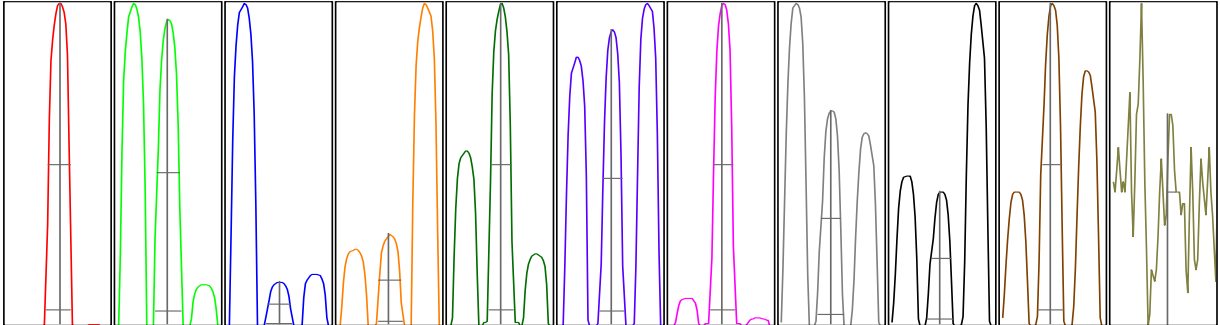
US EPA Tune Check Sample Report

Batch Folder D:\P8091117- MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7985	1.43	5.00	
24	54370	1.46	5.00	
25	7384	1.81	5.00	
26	8483	2.23	5.00	
59	103111	2.76	5.00	
113	13428	3.12	5.00	
115	172859	2.61	5.00	
206	29899	2.61	5.00	
207	26792	2.68	5.00	
208	63567	2.69	5.00	
220	1	26.68		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8053	8054	7887	8093	7839
24	55461	53816	54657	54508	53407
25	7573	7261	7474	7323	7290
26	8739	8305	8629	8385	8360
59	105625	100532	105581	99636	104179
113	13646	13329	13681	12737	13747
115	173812	173786	173903	165304	177490
206	29614	30511	29748	28827	30796
207	26332	27614	26662	25924	27425
208	62708	65986	62959	61623	64561
220	1	2	2	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	13204	9.10	8.9 - 9.1		0.739	0.900	
24	88695	24.00	23.9 - 24.1		0.785	0.900	
25	11977	25.05	24.9 - 25.1		0.780	0.900	
26	14266	26.00	25.9 - 26.1		0.738	0.900	
59	176819	59.05	58.9 - 59.1		0.738	0.900	
113	25202	113.05	112.9 - 113.1		0.727	0.900	
115	317931	115.05	114.9 - 115.1		0.731	0.900	
206	54698	206.00	205.9 - 206.1		0.772	0.900	
207	48939	206.95	206.9 - 207.1		0.753	0.900	
208	117529	207.95	207.9 - 208.1		0.737	0.900	
220	2	220.15	-				

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.8	V	Deflect	13.4	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	13838	0.64	
89	3284	0.94	
205	18060	0.67	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	13958	13884	13815	13721	13810
89	3301	3327	3248	3264	3281
205	18209	18127	18043	17886	18036

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.8	V	Deflect	1.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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	5.0	mL/min	OctP RF	200	V			

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 11:56:04	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.76	-3.03	3.79	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.06	0.01	0.05	0.00	N/A	ppb
Barium	135-1	0.03	0.00	-0.03	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.02	-0.14	0.16	0.00	N/A	ppb
Boron	11-1	0.02	-0.04	0.02	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.02	0.02	0.00	N/A	ppb
Cadmium	106-1	0.04	-0.24	0.20	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.07	-0.05	0.00	N/A	ppb
Calcium	43-1	6.93	-4.45	-2.49	0.00	N/A	ppb
Calcium	44-1	-0.90	-0.30	1.20	0.00	N/A	ppb
Chromium	52-2	-0.09	0.05	0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	-0.02	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.04	-0.02	0.06	0.00	N/A	ppb
Iron	57-2	1.23	0.55	-1.78	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.58	-0.51	1.09	0.00	N/A	ppb
Manganese	55-2	-0.06	-0.01	0.07	0.00	N/A	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 11:56:04	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.11	-0.07	0.00	N/A	ppb
Phosphorus	31-2	-5.48	27.38	-5.48	5.48	346.41	ppb
Potassium	39-2	7.75	-7.04	-0.71	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	2.38	0.00	N/A	ppb
Selenium	78-2	0.17	-0.96	0.79	0.00	N/A	ppb
Selenium	82-1	0.13	0.07	-0.19	0.00	N/A	ppb
Silicon	28-1	0.11	0.89	-1.00	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	-1.07	3.85	-2.77	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-125.84	-29.78	-71.50	-75.71		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.02	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.10	0.08	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 11:56:04	DataFile Name :	002CALB.d

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

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:06:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.71	19.06	26.78	21.85	19.59	ppb
Antimony	121-1	1.85	1.94	1.92	1.90	2.41	ppb
Arsenic	75-2	0.96	0.70	0.82	0.83	16.16	ppb
Barium	135-1	9.21	9.56	9.26	9.34	2.01	ppb
Barium	137-1	9.35	9.83	9.18	9.45	3.55	ppb
Beryllium	9-1	0.77	0.81	0.90	0.82	8.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.03	23.21	21.10	21.11	9.91	ppb
Boron	11-1	20.20	22.04	21.12	21.12	4.37	ppb
Cadmium	111-1	0.87	1.05	1.00	0.97	9.71	ppb
Cadmium	106-1	0.04	1.22	1.25	0.84	82.69	ppb
Cadmium	108-1	0.62	0.98	0.87	0.82	22.87	ppb
Calcium	43-1	444.01	448.24	439.25	443.84	1.01	ppb
Calcium	44-1	423.99	468.50	431.15	441.21	5.42	ppb
Chromium	52-2	1.79	2.07	2.02	1.96	7.50	ppb
Cobalt	59-2	0.85	0.97	0.91	0.91	6.60	ppb
Copper	63-2	1.88	2.10	2.00	1.99	5.42	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.33	44.77	45.15	45.08	0.63	ppb
Iron	57-2	34.81	35.32	39.54	36.56	7.10	ppb
Lead	206-1	1.05	1.10	1.01	1.05	4.17	ppb
Lead	207-1	1.04	1.17	1.11	1.10	5.96	ppb
Lead	208-1	1.04	1.14	1.04	1.07	5.50	ppb
Lithium	6-1						%
Magnesium	24-2	408.83	440.30	437.57	428.90	4.07	ppb
Manganese	55-2	1.01	0.96	1.04	1.00	4.11	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:06:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.86	2.02	1.87	1.92	4.76	ppb
Molybdenum	95-1	4.03	4.34	4.28	4.22	3.94	ppb
Molybdenum	96-1	3.53	3.75	3.58	3.62	3.16	ppb
Molybdenum	97-1	4.25	4.50	4.17	4.31	3.97	ppb
Molybdenum	98-1	4.08	4.21	4.07	4.12	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.00	0.90	0.98	7.26	ppb
Phosphorus	31-2	-5.48	-5.48	-5.48	-5.48		ppb
Potassium	39-2	420.38	447.13	426.94	431.48	3.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.29	12.59	2.40	5.76	102.80	ppb
Selenium	78-2	1.91	3.65	5.09	3.55	44.80	ppb
Selenium	82-1	4.93	4.50	5.12	4.85	6.55	ppb
Silicon	28-1	5.39	17.16	7.24	9.93	63.74	ppb
Silver	109-1	1.29	1.30	1.22	1.27	3.41	ppb
Silver	107-1	1.28	1.33	1.26	1.29	2.98	ppb
Sodium	23-2	414.49	414.51	430.53	419.84	2.20	ppb
Strontium	86-1	0.82	1.07	0.79	0.89	17.20	ppb
Strontium	88-1	0.92	0.98	0.89	0.93	4.67	ppb
Sulfur	34-1	-271.89	576.32	-77.31	75.71	586.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.92	1.00	0.91	0.94	5.30	ppb
Thallium	205-1	0.91	0.98	0.88	0.92	5.67	ppb
Tin	118-1	4.55	4.89	4.66	4.70	3.70	ppb
Titanium	47-1	4.53	4.54	4.24	4.44	3.78	ppb
Uranium	238-1	0.81	0.87	0.81	0.83	3.74	ppb
Vanadium	51-2	4.41	4.57	4.48	4.49	1.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.07	1.88	2.61	2.19	17.26	ppb
Zirconium	90-1	0.83	0.85	0.84	0.84	1.34	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:06:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.78	0.94	0.79	0.84	10.54	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:09:45	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	994.38	918.61	953.88	955.62	3.97	ppb
Antimony	121-1	52.17	51.86	52.00	52.01	0.30	ppb
Arsenic	75-2	48.29	52.55	49.54	50.13	4.36	ppb
Barium	135-1	260.94	257.86	259.87	259.56	0.60	ppb
Barium	137-1	256.88	256.48	257.78	257.04	0.26	ppb
Beryllium	9-1	51.47	50.77	50.79	51.01	0.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.71	50.83	48.73	49.09	3.24	ppb
Boron	11-1	49.23	49.47	49.68	49.46	0.45	ppb
Cadmium	111-1	54.15	54.01	54.18	54.11	0.17	ppb
Cadmium	106-1	54.42	54.83	52.59	53.95	2.21	ppb
Cadmium	108-1	51.99	56.70	55.70	54.80	4.53	ppb
Calcium	43-1	4951.84	4827.45	5012.72	4930.67	1.92	ppb
Calcium	44-1	4908.14	5029.57	5003.13	4980.28	1.28	ppb
Chromium	52-2	50.59	52.53	50.32	51.15	2.36	ppb
Cobalt	59-2	50.42	52.44	50.52	51.13	2.23	ppb
Copper	63-2	101.79	104.74	100.36	102.30	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2582.54	2676.38	2550.57	2603.17	2.51	ppb
Iron	57-2	2551.91	2700.12	2519.27	2590.44	3.72	ppb
Lead	206-1	49.36	48.99	48.81	49.05	0.58	ppb
Lead	207-1	48.68	47.63	47.97	48.10	1.11	ppb
Lead	208-1	48.90	48.50	48.50	48.63	0.48	ppb
Lithium	6-1						%
Magnesium	24-2	4830.15	5068.61	4819.87	4906.21	2.87	ppb
Manganese	55-2	103.04	107.29	100.60	103.64	3.27	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:09:45	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.46	48.90	47.94	48.44	0.99	ppb
Molybdenum	95-1	48.58	47.99	47.80	48.12	0.84	ppb
Molybdenum	96-1	48.09	48.07	47.88	48.01	0.24	ppb
Molybdenum	97-1	48.28	48.88	48.12	48.43	0.82	ppb
Molybdenum	98-1	48.19	48.86	47.60	48.21	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.46	53.32	51.77	51.85	2.76	ppb
Phosphorus	31-2	920.78	1119.69	934.55	991.67	11.20	ppb
Potassium	39-2	2535.62	2678.77	2477.25	2563.88	4.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	86.42	46.53	33.78	55.58	49.41	ppb
Selenium	78-2	44.99	42.83	55.64	47.82	14.34	ppb
Selenium	82-1	51.62	50.95	49.91	50.83	1.69	ppb
Silicon	28-1	57.50	58.07	59.18	58.25	1.46	ppb
Silver	109-1	54.85	53.77	53.80	54.14	1.14	ppb
Silver	107-1	54.83	54.13	54.27	54.41	0.67	ppb
Sodium	23-2	4827.99	4958.92	4794.28	4860.40	1.79	ppb
Strontium	86-1	49.96	49.73	49.55	49.75	0.41	ppb
Strontium	88-1	50.90	50.69	50.92	50.84	0.24	ppb
Sulfur	34-1	1242.78	1156.42	1205.31	1201.50	3.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.51	49.18	48.17	48.95	1.42	ppb
Thallium	205-1	49.58	50.04	49.09	49.57	0.96	ppb
Tin	118-1	52.57	52.95	52.37	52.63	0.56	ppb
Titanium	47-1	50.63	50.09	51.90	50.87	1.83	ppb
Uranium	238-1	48.29	48.04	47.70	48.01	0.61	ppb
Vanadium	51-2	49.53	51.93	49.16	50.21	3.00	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	104.32	109.28	103.04	105.55	3.12	ppb
Zirconium	90-1	49.20	49.13	48.87	49.07	0.35	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:09:45	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.14	48.26	47.86	48.09	0.42	ppb

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 12:13:14 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2320.83	2427.73	2446.47	2398.34	2.83	ppb
Antimony	121-1	132.53	129.53	130.12	130.72	1.22	ppb
Arsenic	75-2	124.66	122.02	122.54	123.07	1.14	ppb
Barium	135-1	656.82	644.50	650.69	650.67	0.95	ppb
Barium	137-1	655.29	647.48	653.76	652.18	0.63	ppb
Beryllium	9-1	127.83	126.31	123.57	125.90	1.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	117.52	123.51	127.20	122.74	3.98	ppb
Boron	11-1	124.31	122.22	123.51	123.35	0.85	ppb
Cadmium	111-1	136.05	133.04	133.92	134.34	1.15	ppb
Cadmium	106-1	135.73	133.28	130.09	133.03	2.13	ppb
Cadmium	108-1	137.49	138.22	136.82	137.51	0.51	ppb
Calcium	43-1	12399.40	12331.96	12250.66	12327.34	0.60	ppb
Calcium	44-1	12419.56	12244.28	12350.84	12338.23	0.72	ppb
Chromium	52-2	127.66	125.01	124.88	125.85	1.25	ppb
Cobalt	59-2	127.32	125.61	125.78	126.24	0.75	ppb
Copper	63-2	254.09	251.08	252.89	252.68	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6496.93	6381.43	6369.29	6415.88	1.10	ppb
Iron	57-2	6514.49	6369.24	6395.89	6426.54	1.20	ppb
Lead	206-1	122.89	121.15	123.61	122.55	1.03	ppb
Lead	207-1	121.84	121.50	122.30	121.88	0.33	ppb
Lead	208-1	122.85	122.08	122.78	122.57	0.35	ppb
Lithium	6-1						%
Magnesium	24-2	12360.37	12079.76	12215.31	12218.48	1.15	ppb
Manganese	55-2	259.35	252.04	255.51	255.63	1.43	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:13:14	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	124.11	123.21	123.06	123.46	0.46	ppb
Molybdenum	95-1	121.42	120.50	121.20	121.04	0.39	ppb
Molybdenum	96-1	121.24	120.35	120.50	120.70	0.39	ppb
Molybdenum	97-1	121.20	121.08	120.72	121.00	0.21	ppb
Molybdenum	98-1	121.79	121.14	120.38	121.10	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.35	127.09	128.34	128.59	1.28	ppb
Phosphorus	31-2	2329.24	2138.51	2420.74	2296.16	6.27	ppb
Potassium	39-2	6403.42	6237.84	6268.24	6303.17	1.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	160.81	112.11	102.43	125.12	25.01	ppb
Selenium	78-2	139.64	126.42	123.34	129.80	6.67	ppb
Selenium	82-1	127.97	126.51	125.72	126.73	0.90	ppb
Silicon	28-1	128.34	116.66	124.90	123.30	4.87	ppb
Silver	109-1	136.58	133.96	133.82	134.78	1.16	ppb
Silver	107-1	136.69	134.33	134.41	135.14	0.99	ppb
Sodium	23-2	12334.35	12192.39	12355.11	12293.95	0.72	ppb
Strontium	86-1	124.03	122.47	122.65	123.05	0.69	ppb
Strontium	88-1	127.04	127.64	127.19	127.29	0.24	ppb
Sulfur	34-1	2995.69	2597.21	2613.91	2735.60	8.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	123.91	124.01	124.03	123.98	0.05	ppb
Thallium	205-1	125.16	124.63	127.01	125.60	0.99	ppb
Tin	118-1	133.75	129.87	130.78	131.47	1.55	ppb
Titanium	47-1	128.60	125.75	125.85	126.73	1.28	ppb
Uranium	238-1	124.62	124.50	124.60	124.57	0.05	ppb
Vanadium	51-2	126.48	124.67	124.59	125.24	0.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	260.67	259.75	254.16	258.19	1.36	ppb
Zirconium	90-1	125.60	126.30	124.56	125.49	0.70	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:13:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.44	120.86	120.42	121.57	1.34	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:16:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4769.23	4753.55	4962.98	4828.59	2.42	ppb
Antimony	121-1	263.01	260.94	262.24	262.06	0.40	ppb
Arsenic	75-2	244.83	248.25	250.35	247.81	1.12	ppb
Barium	135-1	1299.61	1297.30	1303.13	1300.01	0.23	ppb
Barium	137-1	1273.58	1280.39	1296.87	1283.61	0.93	ppb
Beryllium	9-1	253.25	252.06	249.50	251.60	0.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	242.36	247.81	261.05	250.41	3.84	ppb
Boron	11-1	252.63	252.11	255.15	253.30	0.64	ppb
Cadmium	111-1	262.81	260.28	262.60	261.90	0.54	ppb
Cadmium	106-1	269.66	265.38	260.40	265.15	1.75	ppb
Cadmium	108-1	265.00	261.08	262.51	262.86	0.76	ppb
Calcium	43-1	24403.03	24326.93	24347.94	24359.30	0.16	ppb
Calcium	44-1	24186.34	24355.17	24430.65	24324.05	0.51	ppb
Chromium	52-2	249.57	252.23	252.01	251.27	0.59	ppb
Cobalt	59-2	247.35	251.66	249.28	249.43	0.86	ppb
Copper	63-2	493.90	501.46	499.71	498.36	0.79	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12470.38	12568.99	12602.04	12547.14	0.55	ppb
Iron	57-2	12724.81	12833.51	12672.71	12743.68	0.64	ppb
Lead	206-1	247.94	243.49	244.74	245.39	0.94	ppb
Lead	207-1	245.54	238.48	241.30	241.78	1.47	ppb
Lead	208-1	251.54	245.28	247.19	248.00	1.29	ppb
Lithium	6-1						%
Magnesium	24-2	24352.58	24818.01	24655.64	24608.74	0.96	ppb
Manganese	55-2	503.70	505.64	508.13	505.82	0.44	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:16:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	244.80	248.43	247.75	246.99	0.78	ppb
Molybdenum	95-1	241.66	239.90	242.16	241.24	0.49	ppb
Molybdenum	96-1	242.10	242.32	241.30	241.91	0.22	ppb
Molybdenum	97-1	242.66	241.54	242.14	242.11	0.23	ppb
Molybdenum	98-1	249.09	246.00	248.09	247.73	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.60	257.12	252.47	254.07	1.04	ppb
Phosphorus	31-2	4850.29	4602.12	5444.82	4965.74	8.72	ppb
Potassium	39-2	12392.41	12596.69	12679.01	12556.04	1.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	268.09	211.34	283.89	254.44	15.00	ppb
Selenium	78-2	271.51	249.66	264.95	262.04	4.28	ppb
Selenium	82-1	249.05	249.24	249.62	249.30	0.12	ppb
Silicon	28-1	240.23	240.32	247.23	242.59	1.66	ppb
Silver	109-1	268.89	266.71	268.92	268.17	0.47	ppb
Silver	107-1	268.75	266.62	268.84	268.07	0.47	ppb
Sodium	23-2	24494.22	24990.72	24670.32	24718.42	1.02	ppb
Strontium	86-1	243.97	244.78	244.15	244.30	0.17	ppb
Strontium	88-1	247.05	250.10	248.03	248.40	0.63	ppb
Sulfur	34-1	5186.12	5102.30	5163.84	5150.76	0.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	247.74	246.51	245.23	246.49	0.51	ppb
Thallium	205-1	254.73	249.25	250.65	251.55	1.13	ppb
Tin	118-1	265.57	258.98	261.99	262.18	1.26	ppb
Titanium	47-1	247.85	252.33	250.28	250.15	0.90	ppb
Uranium	238-1	248.96	245.01	245.47	246.48	0.88	ppb
Vanadium	51-2	247.57	251.70	251.37	250.21	0.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	508.66	514.11	507.02	509.93	0.73	ppb
Zirconium	90-1	245.61	247.87	246.94	246.81	0.46	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:16:37	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	243.17	243.38	244.04	243.53	0.19	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:19:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9449.11	9816.48	9411.93	9559.18	2.34	ppb
Antimony	121-1	506.95	507.15	503.56	505.89	0.40	ppb
Arsenic	75-2	486.05	497.58	495.76	493.13	1.26	ppb
Barium	135-1	2537.23	2535.35	2525.91	2532.83	0.24	ppb
Barium	137-1	2514.08	2498.07	2501.85	2504.66	0.33	ppb
Beryllium	9-1	497.30	507.14	493.61	499.35	1.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	495.85	505.93	504.47	502.08	1.09	ppb
Boron	11-1	498.76	505.70	499.89	501.45	0.74	ppb
Cadmium	111-1	510.16	506.23	507.17	507.85	0.40	ppb
Cadmium	106-1	513.01	517.78	507.42	512.74	1.01	ppb
Cadmium	108-1	508.34	514.45	512.64	511.81	0.61	ppb
Calcium	43-1	48852.32	48902.16	49237.68	48997.39	0.43	ppb
Calcium	44-1	48664.54	48800.25	48773.84	48746.21	0.15	ppb
Chromium	52-2	503.27	501.25	497.45	500.66	0.59	ppb
Cobalt	59-2	502.07	502.62	492.93	499.21	1.09	ppb
Copper	63-2	1029.41	1027.58	1003.72	1020.24	1.40	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25303.41	25182.59	24852.74	25112.91	0.93	ppb
Iron	57-2	25456.29	25436.17	25326.77	25406.41	0.27	ppb
Lead	206-1	507.57	499.24	504.16	503.66	0.83	ppb
Lead	207-1	500.58	498.01	502.97	500.52	0.50	ppb
Lead	208-1	505.46	497.78	503.33	502.19	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	50204.44	51477.05	50523.96	50735.15	1.30	ppb
Manganese	55-2	1000.04	1017.22	997.76	1005.01	1.06	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:19:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	493.53	503.10	502.93	499.85	1.10	ppb
Molybdenum	95-1	494.66	499.03	504.98	499.56	1.04	ppb
Molybdenum	96-1	491.98	500.55	504.71	499.08	1.30	ppb
Molybdenum	97-1	484.63	489.33	494.31	489.42	0.99	ppb
Molybdenum	98-1	493.00	493.88	498.53	495.13	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.86	508.44	499.71	504.67	0.89	ppb
Phosphorus	31-2	10298.59	10424.13	9600.20	10107.64	4.39	ppb
Potassium	39-2	24779.64	25153.30	24895.66	24942.87	0.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	487.31	487.40	437.12	470.61	6.16	ppb
Selenium	78-2	494.60	483.59	507.46	495.21	2.41	ppb
Selenium	82-1	497.85	497.69	498.06	497.87	0.04	ppb
Silicon	28-1	487.36	495.78	493.50	492.21	0.88	ppb
Silver	109-1	516.88	513.82	514.22	514.97	0.32	ppb
Silver	107-1	516.69	512.92	514.27	514.63	0.37	ppb
Sodium	23-2	49654.66	49841.14	49071.92	49522.58	0.81	ppb
Strontium	86-1	488.75	489.02	490.67	489.48	0.21	ppb
Strontium	88-1	494.97	497.12	500.59	497.56	0.57	ppb
Sulfur	34-1	9695.20	9721.72	9903.46	9773.46	1.16	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	506.84	506.41	501.06	504.77	0.64	ppb
Thallium	205-1	503.63	497.01	500.10	500.25	0.66	ppb
Tin	118-1	513.59	503.84	503.33	506.92	1.14	ppb
Titanium	47-1	498.62	501.62	501.41	500.55	0.33	ppb
Uranium	238-1	495.17	490.12	493.65	492.98	0.53	ppb
Vanadium	51-2	499.95	502.68	492.45	498.36	1.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1014.58	1017.56	1003.89	1012.01	0.71	ppb
Zirconium	90-1	494.13	492.90	495.23	494.09	0.24	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.31	505.99	503.82	501.71	1.13	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:23:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19443.16	19746.91	19268.29	19486.12	1.24	ppb
Antimony	121-1	993.98	990.92	994.78	993.22	0.20	ppb
Arsenic	75-2	991.95	1029.42	991.28	1004.22	2.17	ppb
Barium	135-1	5008.07	4911.82	4982.30	4967.40	1.00	ppb
Barium	137-1	4991.13	4977.40	4988.03	4985.52	0.14	ppb
Beryllium	9-1	1016.56	973.75	1008.97	999.76	2.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1003.61	971.84	1022.40	999.28	2.56	ppb
Boron	11-1	1002.36	981.45	1012.54	998.78	1.59	ppb
Cadmium	111-1	999.48	979.82	995.89	991.73	1.06	ppb
Cadmium	106-1	996.14	989.92	979.87	988.64	0.83	ppb
Cadmium	108-1	998.85	978.26	990.11	989.07	1.05	ppb
Calcium	43-1	102349.75	98540.00	100518.09	100469.28	1.90	ppb
Calcium	44-1	98805.58	96039.64	98381.01	97742.08	1.52	ppb
Chromium	52-2	996.08	1013.60	987.90	999.19	1.31	ppb
Cobalt	59-2	995.50	1017.76	987.73	1000.33	1.56	ppb
Copper	63-2	2004.11	2013.62	1951.79	1989.84	1.67	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49840.76	50536.46	49611.44	49996.22	0.96	ppb
Iron	57-2	50301.13	51140.83	50191.91	50544.62	1.03	ppb
Lead	206-1	1016.33	983.89	998.81	999.68	1.62	ppb
Lead	207-1	1016.41	982.32	1008.12	1002.28	1.77	ppb
Lead	208-1	1013.39	984.00	1001.95	999.78	1.48	ppb
Lithium	6-1						%
Magnesium	24-2	101533.56	101493.19	99689.96	100905.57	1.04	ppb
Manganese	55-2	1993.73	2017.00	1974.74	1995.16	1.06	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:23:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1017.59	986.50	999.25	1001.11	1.56	ppb
Molybdenum	95-1	1028.14	983.74	997.13	1003.01	2.27	ppb
Molybdenum	96-1	1014.65	991.53	1003.21	1003.13	1.15	ppb
Molybdenum	97-1	1034.72	984.14	1004.67	1007.84	2.52	ppb
Molybdenum	98-1	1016.12	992.40	1002.22	1003.58	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.78	1008.87	980.67	996.11	1.43	ppb
Phosphorus	31-2	20155.23	19706.76	20079.93	19980.64	1.20	ppb
Potassium	39-2	48762.89	50096.44	48782.03	49213.79	1.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1039.44	1055.56	944.87	1013.29	5.90	ppb
Selenium	78-2	987.09	1005.66	1003.95	998.90	1.03	ppb
Selenium	82-1	1021.13	985.55	996.27	1000.98	1.82	ppb
Silicon	28-1	1007.42	987.28	1021.94	1005.55	1.73	ppb
Silver	109-1	985.89	980.94	992.79	986.54	0.60	ppb
Silver	107-1	984.96	983.68	991.40	986.68	0.42	ppb
Sodium	23-2	100116.29	101327.59	98118.25	99854.05	1.62	ppb
Strontium	86-1	1012.64	999.38	1008.81	1006.94	0.68	ppb
Strontium	88-1	1018.01	988.33	997.54	1001.29	1.52	ppb
Sulfur	34-1	20253.95	19462.90	20391.32	20036.05	2.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1005.19	986.52	1004.30	998.67	1.05	ppb
Thallium	205-1	1012.67	986.95	998.69	999.44	1.29	ppb
Tin	118-1	995.80	985.08	996.78	992.56	0.65	ppb
Titanium	47-1	1013.44	982.57	1002.28	999.43	1.56	ppb
Uranium	238-1	1016.91	998.01	998.71	1004.54	1.07	ppb
Vanadium	51-2	997.81	1017.44	986.93	1000.73	1.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1981.54	2014.52	1974.58	1990.21	1.07	ppb
Zirconium	90-1	1018.78	992.50	999.94	1003.74	1.35	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:23:08	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1020.46	983.50	999.91	1001.29	1.85	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:26:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100450.50	100570.04	99454.69	100158.41	0.61	ppb
Antimony	121-1	2.23	2.26	2.25	2.24	0.55	ppb
Arsenic	75-2	0.22	0.33	0.17	0.24	34.65	ppb
Barium	135-1	1.60	1.45	1.69	1.58	7.78	ppb
Barium	137-1	1.58	1.48	1.44	1.50	4.89	ppb
Beryllium	9-1	0.47	0.32	0.28	0.36	28.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	39.02	39.47	33.86	37.45	8.32	ppb
Boron	11-1	38.35	35.73	33.97	36.02	6.12	ppb
Cadmium	111-1	0.09	0.11	0.08	0.10	17.00	ppb
Cadmium	106-1	-0.17	-0.33	-0.24	-0.25		ppb
Cadmium	108-1	0.27	0.10	0.13	0.16	57.13	ppb
Calcium	43-1	498207.68	502923.24	498999.60	500043.51	0.50	ppb
Calcium	44-1	498280.03	501477.48	502087.67	500615.06	0.41	ppb
Chromium	52-2	8.19	8.16	8.54	8.30	2.53	ppb
Cobalt	59-2	1.10	1.17	1.10	1.13	3.65	ppb
Copper	63-2	3.05	2.99	2.97	3.00	1.40	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	250887.48	250847.33	248210.98	249981.93	0.61	ppb
Iron	57-2	252442.36	249226.63	247829.82	249832.94	0.95	ppb
Lead	206-1	1.60	1.60	1.69	1.63	3.05	ppb
Lead	207-1	1.51	1.63	1.54	1.56	3.86	ppb
Lead	208-1	1.53	1.61	1.59	1.58	2.69	ppb
Lithium	6-1						%
Magnesium	24-2	499693.00	502058.31	497567.63	499772.98	0.45	ppb
Manganese	55-2	6.68	6.72	6.89	6.76	1.65	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:26:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.61	0.56	0.64	0.60	6.27	ppb
Molybdenum	95-1	1.48	1.53	1.52	1.51	1.75	ppb
Molybdenum	96-1	1.68	1.60	1.72	1.67	3.59	ppb
Molybdenum	97-1	1.47	1.50	1.47	1.48	1.46	ppb
Molybdenum	98-1	1.41	1.51	1.43	1.45	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.39	3.41	3.75	3.52	5.70	ppb
Phosphorus	31-2	26.16	-5.48	-5.48	5.07	360.34	ppb
Potassium	39-2	250885.98	252003.00	247585.98	250158.32	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.65	-1.19	-1.19	0.09	2455.18	ppb
Selenium	78-2	0.32	-1.65	-0.99	-0.77		ppb
Selenium	82-1	0.95	0.84	1.33	1.04	24.82	ppb
Silicon	28-1	55.42	60.09	59.62	58.38	4.41	ppb
Silver	109-1	0.07	0.08	0.07	0.07	8.49	ppb
Silver	107-1	0.08	0.08	0.08	0.08	4.80	ppb
Sodium	23-2	505217.59	499643.22	495432.11	500097.64	0.98	ppb
Strontium	86-1	33.10	32.71	33.74	33.18	1.56	ppb
Strontium	88-1	33.54	33.99	34.37	33.97	1.22	ppb
Sulfur	34-1	318.90	519.45	512.50	450.28	25.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.39	0.34	0.37	0.37	6.00	ppb
Thallium	205-1	0.41	0.37	0.41	0.40	6.40	ppb
Tin	118-1	0.84	0.74	0.68	0.75	10.21	ppb
Titanium	47-1	0.64	0.67	0.66	0.66	2.67	ppb
Uranium	238-1	0.11	0.10	0.08	0.10	17.06	ppb
Vanadium	51-2	0.33	0.30	0.25	0.29	13.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.07	7.84	7.73	7.88	2.19	ppb
Zirconium	90-1	0.19	0.18	0.18	0.18	1.75	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:26:16	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.17	0.17	0.17	4.44	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:29:36	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	466.82	446.05	463.60	458.83	2.44	ppb
Antimony	121-1	198.34	201.22	201.16	200.24	0.82	ppb
Arsenic	75-2	189.81	194.39	197.12	193.78	1.91	ppb
Barium	135-1	98.98	100.39	99.66	99.67	0.71	ppb
Barium	137-1	98.80	100.37	101.57	100.25	1.38	ppb
Beryllium	9-1	95.27	96.53	94.55	95.45	1.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	576.32	576.76	579.15	577.41	0.26	ppb
Boron	11-1	566.08	582.91	579.26	576.08	1.54	ppb
Cadmium	111-1	102.03	104.17	104.78	103.66	1.39	ppb
Cadmium	106-1	154.06	158.63	159.56	157.42	1.87	ppb
Cadmium	108-1	134.69	136.51	135.67	135.62	0.67	ppb
Calcium	43-1	2232.73	2112.36	2138.74	2161.28	2.93	ppb
Calcium	44-1	2062.31	2084.28	2092.36	2079.65	0.75	ppb
Chromium	52-2	97.51	96.23	95.58	96.44	1.02	ppb
Cobalt	59-2	98.11	98.23	97.68	98.00	0.29	ppb
Copper	63-2	98.57	98.46	98.22	98.42	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	980.85	974.91	978.42	978.06	0.31	ppb
Iron	57-2	992.14	980.91	998.68	990.58	0.91	ppb
Lead	206-1	193.62	195.88	195.78	195.09	0.65	ppb
Lead	207-1	184.00	186.77	185.33	185.36	0.75	ppb
Lead	208-1	192.95	195.53	194.73	194.40	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	1192.13	1187.98	1135.67	1171.93	2.68	ppb
Manganese	55-2	96.02	97.09	97.28	96.80	0.70	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:29:36	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.00	495.21	498.01	496.40	0.29	ppb
Molybdenum	95-1	495.23	497.23	500.80	497.76	0.57	ppb
Molybdenum	96-1	496.83	499.13	500.81	498.92	0.40	ppb
Molybdenum	97-1	487.93	489.48	489.24	488.89	0.17	ppb
Molybdenum	98-1	502.81	499.95	492.92	498.56	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.59	100.43	101.20	100.74	0.40	ppb
Phosphorus	31-2	-5.48	-5.48	8.94	-0.67		ppb
Potassium	39-2	2039.10	1960.13	1945.26	1981.50	2.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	211.61	198.48	176.82	195.64	8.98	ppb
Selenium	78-2	210.16	199.67	216.55	208.79	4.08	ppb
Selenium	82-1	195.19	196.80	199.82	197.27	1.19	ppb
Silicon	28-1	427.54	432.50	429.36	429.80	0.58	ppb
Silver	109-1	95.13	96.64	96.88	96.21	0.99	ppb
Silver	107-1	95.28	97.01	97.63	96.64	1.26	ppb
Sodium	23-2	2034.82	2022.67	2016.56	2024.68	0.46	ppb
Strontium	86-1	492.46	491.67	489.91	491.35	0.27	ppb
Strontium	88-1	498.50	499.68	505.25	501.14	0.72	ppb
Sulfur	34-1	-105.80	-79.62	-99.72	-95.05		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	196.75	200.11	199.64	198.84	0.92	ppb
Thallium	205-1	201.97	206.17	205.92	204.69	1.15	ppb
Tin	118-1	524.32	529.11	520.93	524.79	0.78	ppb
Titanium	47-1	497.62	500.88	504.75	501.08	0.71	ppb
Uranium	238-1	520.06	536.32	528.91	528.43	1.54	ppb
Vanadium	51-2	96.74	95.79	96.79	96.44	0.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	199.09	196.12	201.70	198.97	1.40	ppb
Zirconium	90-1	488.68	493.73	490.07	490.83	0.53	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:29:36	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.56	495.20	491.60	491.45	0.78	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:35:10	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.03	-1.83	-1.89	-2.25		ppb
Antimony	121-1	0.13	0.12	0.13	0.13	6.93	ppb
Arsenic	75-2	-0.04	-0.09	0.00	-0.04		ppb
Barium	135-1	-0.02	-0.03	-0.04	-0.03		ppb
Barium	137-1	-0.01	-0.03	-0.01	-0.02		ppb
Beryllium	9-1	0.12	0.15	0.10	0.12	19.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.80	11.30	10.68	11.26	4.96	ppb
Boron	11-1	10.16	9.48	11.52	10.39	9.97	ppb
Cadmium	111-1	-0.06	-0.05	-0.10	-0.07		ppb
Cadmium	106-1	-0.89	-0.78	-1.42	-1.03		ppb
Cadmium	108-1	-0.08	-0.02	-0.01	-0.04		ppb
Calcium	43-1	-18.46	-16.21	-6.11	-13.59		ppb
Calcium	44-1	12.05	2.83	17.13	10.67	67.92	ppb
Chromium	52-2	0.09	0.07	0.01	0.06	70.01	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.01	0.02	0.02	84.16	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.56	0.55	0.57	0.56	1.31	ppb
Iron	57-2	-1.28	0.25	0.96	-0.02		ppb
Lead	206-1	0.07	0.04	0.06	0.06	22.46	ppb
Lead	207-1	0.05	0.05	0.04	0.05	11.94	ppb
Lead	208-1	0.06	0.04	0.05	0.05	14.36	ppb
Lithium	6-1						%
Magnesium	24-2	-2.38	-1.22	-0.95	-1.52		ppb
Manganese	55-2	-0.04	-0.04	-0.05	-0.04		ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:35:10	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.01	0.02	31.81	ppb
Molybdenum	95-1	0.05	0.02	0.02	0.03	54.02	ppb
Molybdenum	96-1	0.02	0.04	0.03	0.03	28.55	ppb
Molybdenum	97-1	0.03	0.02	0.05	0.03	52.88	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	9.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.08	-0.06	-0.10		ppb
Phosphorus	31-2	-5.48	10.23	-5.48	-0.24		ppb
Potassium	39-2	16.63	4.49	15.18	12.10	54.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	2.45	0.02	8813.13	ppb
Selenium	78-2	0.26	-1.65	1.46	0.02	6549.45	ppb
Selenium	82-1	0.56	-0.44	0.55	0.22	258.95	ppb
Silicon	28-1	-2.94	-4.93	4.97	-0.97		ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.24	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.22	ppb
Sodium	23-2	51.94	54.12	42.13	49.40	12.93	ppb
Strontium	86-1	-0.01	-0.03	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	178.88	-81.27	707.52	268.38	149.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.02	0.03	31.52	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.26	ppb
Tin	118-1	0.20	0.18	0.12	0.17	25.04	ppb
Titanium	47-1	0.04	-0.04	0.03	0.01	326.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	39.33	ppb
Vanadium	51-2	-0.03	0.02	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.01	0.06	-0.06	0.01	1133.32	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	35.41	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:35:10	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.00	0.00	265.53	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:38:21	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91319.48	88526.16	95249.94	91698.53	3.68	ppb
Antimony	121-1	1.24	1.28	1.21	1.24	2.80	ppb
Arsenic	75-2	0.30	0.08	0.35	0.24	58.94	ppb
Barium	135-1	1.45	1.47	1.31	1.41	6.03	ppb
Barium	137-1	1.38	1.32	1.41	1.37	3.40	ppb
Beryllium	9-1	0.31	0.34	0.39	0.35	10.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.44	11.65	12.28	12.12	3.46	ppb
Boron	11-1	12.09	11.95	12.16	12.06	0.90	ppb
Cadmium	111-1	0.23	0.28	0.07	0.19	58.10	ppb
Cadmium	106-1	-1.15	-0.01	-2.22	-1.13		ppb
Cadmium	108-1	7.85	7.78	8.00	7.88	1.43	ppb
Calcium	43-1	98111.01	97900.51	97003.19	97671.57	0.60	ppb
Calcium	44-1	96167.11	95945.18	96002.68	96038.33	0.12	ppb
Chromium	52-2	19.94	19.47	20.81	20.07	3.38	ppb
Cobalt	59-2	1.16	1.09	1.19	1.14	4.52	ppb
Copper	63-2	7.63	7.50	8.23	7.78	5.03	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98420.51	96693.21	102696.26	99269.99	3.11	ppb
Iron	57-2	99234.63	98259.57	105320.58	100938.26	3.79	ppb
Lead	206-1	4.70	4.65	4.45	4.60	2.88	ppb
Lead	207-1	4.00	3.94	3.87	3.94	1.67	ppb
Lead	208-1	4.23	4.24	4.12	4.20	1.66	ppb
Lithium	6-1						%
Magnesium	24-2	99849.11	96542.64	102946.99	99779.58	3.21	ppb
Manganese	55-2	7.69	7.32	8.03	7.68	4.61	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:38:21	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	571.92	571.28	559.38	567.53	1.24	ppb
Molybdenum	95-1	1855.56	1854.15	1825.43	1845.05	0.92	ppb
Molybdenum	96-1	1555.44	1539.75	1509.36	1534.85	1.53	ppb
Molybdenum	97-1	1854.55	1867.32	1837.66	1853.18	0.80	ppb
Molybdenum	98-1	1865.00	1851.79	1830.98	1849.26	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.68	5.19	5.76	5.54	5.50	ppb
Phosphorus	31-2	95755.30	91994.95	100385.03	96045.09	4.38	ppb
Potassium	39-2	100623.59	97666.05	105061.99	101117.21	3.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	2.48	-1.19	0.03	6192.24	ppb
Selenium	78-2	0.27	2.74	-1.65	0.46	483.45	ppb
Selenium	82-1	0.33	-0.40	0.95	0.30	229.42	ppb
Silicon	28-1	26.66	26.16	23.03	25.28	7.79	ppb
Silver	109-1	0.14	0.15	0.19	0.16	14.16	ppb
Silver	107-1	0.15	0.15	0.18	0.16	10.68	ppb
Sodium	23-2	98161.92	94634.51	101607.67	98134.70	3.55	ppb
Strontium	86-1	32.15	32.16	31.45	31.92	1.28	ppb
Strontium	88-1	33.00	32.83	32.33	32.72	1.07	ppb
Sulfur	34-1	72527.77	72972.71	72247.32	72582.60	0.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.12	0.11	0.12	9.34	ppb
Thallium	205-1	0.12	0.13	0.12	0.12	4.19	ppb
Tin	118-1	0.24	0.26	0.19	0.23	16.08	ppb
Titanium	47-1	1918.35	1958.72	1930.59	1935.89	1.07	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	34.30	ppb
Vanadium	51-2	0.16	0.11	0.17	0.15	20.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.23	12.68	13.04	12.32	7.79	ppb
Zirconium	90-1	0.13	0.15	0.13	0.14	8.11	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:38:21	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.12	0.13	0.13	3.06	ppb

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 12:41:25 DataFile Name : 015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90194.29	88285.80	90087.79	89522.63	1.20	ppb
Antimony	121-1	20.49	20.31	20.73	20.51	1.03	ppb
Arsenic	75-2	18.13	19.46	17.98	18.53	4.41	ppb
Barium	135-1	21.36	20.94	21.70	21.33	1.80	ppb
Barium	137-1	21.25	21.05	21.49	21.26	1.04	ppb
Beryllium	9-1	19.94	19.73	20.26	19.98	1.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	62.84	68.17	65.11	65.37	4.09	ppb
Boron	11-1	65.81	64.33	66.90	65.68	1.96	ppb
Cadmium	111-1	19.75	19.98	19.97	19.90	0.66	ppb
Cadmium	106-1	21.81	23.88	22.51	22.73	4.63	ppb
Cadmium	108-1	29.50	30.51	28.86	29.62	2.80	ppb
Calcium	43-1	99246.14	98437.36	98123.99	98602.50	0.59	ppb
Calcium	44-1	96789.71	96038.70	95456.48	96094.96	0.70	ppb
Chromium	52-2	39.64	39.11	39.71	39.49	0.83	ppb
Cobalt	59-2	21.05	20.97	21.50	21.17	1.34	ppb
Copper	63-2	27.83	27.29	27.60	27.58	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98141.05	96889.63	97605.06	97545.25	0.64	ppb
Iron	57-2	98948.17	99790.73	101326.94	100021.95	1.21	ppb
Lead	206-1	24.47	23.94	25.06	24.49	2.27	ppb
Lead	207-1	22.26	22.20	22.79	22.42	1.45	ppb
Lead	208-1	23.11	22.83	23.60	23.18	1.69	ppb
Lithium	6-1						%
Magnesium	24-2	99420.90	96625.10	98952.61	98332.87	1.52	ppb
Manganese	55-2	27.20	27.35	28.46	27.67	2.49	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:41:25	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	612.12	605.81	607.59	608.51	0.53	ppb
Molybdenum	95-1	1899.27	1882.40	1868.14	1883.27	0.83	ppb
Molybdenum	96-1	1572.42	1565.60	1570.47	1569.50	0.22	ppb
Molybdenum	97-1	1873.22	1876.51	1859.38	1869.70	0.49	ppb
Molybdenum	98-1	1904.34	1883.40	1900.74	1896.16	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.00	24.74	24.91	25.22	2.71	ppb
Phosphorus	31-2	96642.34	89936.21	94770.10	93782.88	3.69	ppb
Potassium	39-2	99116.06	96414.86	99352.50	98294.48	1.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	31.92	17.37	21.14	23.48	32.18	ppb
Selenium	78-2	22.21	18.61	23.75	21.53	12.26	ppb
Selenium	82-1	19.54	18.36	19.48	19.13	3.49	ppb
Silicon	28-1	80.92	78.35	77.53	78.93	2.24	ppb
Silver	109-1	19.05	18.67	18.91	18.87	1.01	ppb
Silver	107-1	19.07	18.84	19.00	18.97	0.64	ppb
Sodium	23-2	97158.02	94883.13	95361.31	95800.82	1.25	ppb
Strontium	86-1	81.16	80.27	81.46	80.96	0.77	ppb
Strontium	88-1	85.10	82.96	85.22	84.43	1.51	ppb
Sulfur	34-1	72081.41	71278.85	70278.59	71212.95	1.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.84	19.84	20.33	20.00	1.41	ppb
Thallium	205-1	20.09	20.02	20.47	20.19	1.18	ppb
Tin	118-1	52.13	51.83	52.23	52.06	0.40	ppb
Titanium	47-1	1971.49	1967.81	1968.93	1969.41	0.10	ppb
Uranium	238-1	50.43	50.40	51.57	50.80	1.31	ppb
Vanadium	51-2	19.58	19.72	20.04	19.78	1.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.99	32.64	32.13	32.59	1.32	ppb
Zirconium	90-1	49.49	49.41	49.85	49.58	0.48	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:41:25	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.48	48.67	48.97	49.04	0.84	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:44:38	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49741.45	49217.68	49129.47	49362.87	0.67	ppb
Antimony	121-1	501.61	534.11	500.37	512.03	3.74	ppb
Arsenic	75-2	502.01	497.67	501.40	500.36	0.47	ppb
Barium	135-1	2567.24	2702.72	2521.01	2596.99	3.64	ppb
Barium	137-1	2539.02	2660.94	2508.45	2569.47	3.14	ppb
Beryllium	9-1	515.56	544.64	503.89	521.36	4.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	518.40	564.26	529.80	537.49	4.44	ppb
Boron	11-1	522.79	562.62	524.77	536.73	4.18	ppb
Cadmium	111-1	493.67	519.61	485.22	499.50	3.59	ppb
Cadmium	106-1	501.99	518.37	487.92	502.76	3.03	ppb
Cadmium	108-1	499.16	532.90	493.55	508.54	4.19	ppb
Calcium	43-1	245494.54	261827.20	245372.10	250897.94	3.77	ppb
Calcium	44-1	244267.86	260767.37	242698.96	249244.73	4.02	ppb
Chromium	52-2	514.04	507.95	506.12	509.37	0.81	ppb
Cobalt	59-2	500.63	493.62	487.41	493.89	1.34	ppb
Copper	63-2	1002.02	992.65	968.03	987.57	1.78	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122905.46	121566.09	121179.41	121883.66	0.74	ppb
Iron	57-2	126012.73	125365.11	123944.61	125107.48	0.85	ppb
Lead	206-1	515.15	540.54	513.98	523.23	2.87	ppb
Lead	207-1	516.05	538.77	514.53	523.12	2.60	ppb
Lead	208-1	511.80	538.38	513.02	521.07	2.88	ppb
Lithium	6-1						%
Magnesium	24-2	248896.20	244726.59	246321.67	246648.15	0.85	ppb
Manganese	55-2	1030.19	1018.97	1007.90	1019.02	1.09	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:44:38	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	498.18	538.61	499.74	512.18	4.47	ppb
Molybdenum	95-1	503.05	544.30	502.10	516.48	4.67	ppb
Molybdenum	96-1	500.70	541.35	503.14	515.06	4.43	ppb
Molybdenum	97-1	490.66	528.75	487.67	502.36	4.56	ppb
Molybdenum	98-1	505.34	536.28	495.80	512.47	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.78	488.92	490.31	492.67	1.08	ppb
Phosphorus	31-2	10542.51	10337.89	9010.59	9963.66	8.35	ppb
Potassium	39-2	128503.77	126714.36	126791.86	127336.66	0.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	448.29	483.23	435.64	455.72	5.41	ppb
Selenium	78-2	492.41	503.83	549.03	515.09	5.81	ppb
Selenium	82-1	493.72	520.06	488.34	500.71	3.39	ppb
Silicon	28-1	496.66	535.34	507.31	513.10	3.89	ppb
Silver	109-1	501.74	524.11	495.03	506.96	3.00	ppb
Silver	107-1	499.50	524.63	493.69	505.94	3.25	ppb
Sodium	23-2	248904.20	243233.76	245328.37	245822.11	1.17	ppb
Strontium	86-1	503.03	537.06	504.40	514.83	3.74	ppb
Strontium	88-1	511.76	545.55	509.94	522.42	3.84	ppb
Sulfur	34-1	8899.22	10068.84	8981.30	9316.45	7.01	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.41	544.18	512.11	524.90	3.24	ppb
Thallium	205-1	514.13	533.30	506.89	518.11	2.63	ppb
Tin	118-1	509.69	537.37	502.46	516.50	3.57	ppb
Titanium	47-1	498.06	534.32	498.93	510.44	4.05	ppb
Uranium	238-1	518.58	543.44	512.73	524.91	3.11	ppb
Vanadium	51-2	512.47	506.61	505.28	508.12	0.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1004.25	989.41	983.58	992.41	1.07	ppb
Zirconium	90-1	499.13	535.70	494.78	509.87	4.41	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:44:38	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.87	539.06	502.99	514.64	4.11	ppb

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : CCB92 Instrumnet Name : P8
 Client Sample ID : CCB92 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 12:47:37 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.92	2.83	-0.71	1.35	136.86	ppb
Antimony	121-1	0.33	0.30	0.33	0.32	5.39	ppb
Arsenic	75-2	-0.05	-0.03	-0.01	-0.03		ppb
Barium	135-1	-0.01	-0.04	-0.03	-0.03		ppb
Barium	137-1	-0.03	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.12	0.10	0.10	0.11	9.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.00	13.92	11.42	13.45	13.66	ppb
Boron	11-1	15.69	14.37	13.74	14.60	6.82	ppb
Cadmium	111-1	-0.06	0.00	-0.07	-0.04		ppb
Cadmium	106-1	-1.09	-0.41	-1.40	-0.97		ppb
Cadmium	108-1	0.10	-0.11	0.10	0.03	417.57	ppb
Calcium	43-1	-2.23	-11.54	-24.12	-12.63		ppb
Calcium	44-1	13.16	15.08	16.08	14.77	10.03	ppb
Chromium	52-2	0.11	0.16	-0.06	0.07	170.85	ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	0.12	0.10	0.07	0.10	26.46	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.36	2.22	1.61	2.06	19.46	ppb
Iron	57-2	3.39	3.57	5.49	4.15	28.04	ppb
Lead	206-1	0.06	0.06	0.06	0.06	3.26	ppb
Lead	207-1	0.07	0.06	0.06	0.06	11.80	ppb
Lead	208-1	0.06	0.05	0.05	0.06	2.27	ppb
Lithium	6-1						%
Magnesium	24-2	-2.94	-2.88	-1.08	-2.30		ppb
Manganese	55-2	-0.08	-0.07	-0.01	-0.05		ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:47:37	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.06	0.05	0.05	26.69	ppb
Molybdenum	95-1	0.06	0.07	0.13	0.09	39.97	ppb
Molybdenum	96-1	0.07	0.09	0.07	0.08	13.84	ppb
Molybdenum	97-1	0.11	0.06	0.13	0.10	34.38	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.16	-0.08	-0.13		ppb
Phosphorus	31-2	26.97	9.89	24.87	20.58	45.27	ppb
Potassium	39-2	31.74	25.51	32.86	30.04	13.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	-1.19	-1.19		ppb
Selenium	78-2	-0.97	-1.65	-1.03	-1.22		ppb
Selenium	82-1	0.55	0.10	-0.07	0.19	163.77	ppb
Silicon	28-1	-1.83	-2.38	-3.77	-2.66		ppb
Silver	109-1	0.03	0.04	0.03	0.04	13.93	ppb
Silver	107-1	0.04	0.04	0.03	0.04	13.13	ppb
Sodium	23-2	101.82	95.42	96.26	97.84	3.55	ppb
Strontium	86-1	0.04	0.02	-0.01	0.02	136.40	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-714.81	-562.47	-674.55	-650.61		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.12	0.08	0.11	22.28	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	8.01	ppb
Tin	118-1	0.20	0.17	0.20	0.19	8.11	ppb
Titanium	47-1	0.00	0.13	0.06	0.06	99.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.03	0.16	0.09	0.10	69.21	ppb
Zirconium	90-1	0.03	0.05	0.04	0.04	22.55	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:47:37	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.05	0.01	0.02	97.77	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:51:15	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.06	16.40	9.69	15.71	36.39	ppb
Antimony	121-1	1.93	1.89	2.06	1.96	4.54	ppb
Arsenic	75-2	0.90	1.07	0.90	0.96	9.88	ppb
Barium	135-1	9.11	9.08	9.07	9.09	0.21	ppb
Barium	137-1	9.20	8.84	9.43	9.16	3.25	ppb
Beryllium	9-1	0.82	1.03	1.05	0.97	13.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	30.93	30.17	30.54	30.55	1.25	ppb
Boron	11-1	27.87	27.61	31.55	29.01	7.59	ppb
Cadmium	111-1	0.96	0.84	0.95	0.91	7.45	ppb
Cadmium	106-1	1.07	-1.38	0.59	0.09	1398.98	ppb
Cadmium	108-1	0.79	0.84	0.95	0.86	9.49	ppb
Calcium	43-1	396.57	412.04	439.49	416.04	5.22	ppb
Calcium	44-1	440.61	441.85	465.58	449.35	3.13	ppb
Chromium	52-2	1.99	1.95	2.03	1.99	1.99	ppb
Cobalt	59-2	0.85	0.84	0.90	0.86	3.62	ppb
Copper	63-2	2.02	1.98	2.09	2.03	2.68	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.42	45.23	46.89	46.18	1.85	ppb
Iron	57-2	45.74	48.25	47.85	47.28	2.85	ppb
Lead	206-1	1.02	1.06	1.11	1.06	4.15	ppb
Lead	207-1	1.07	1.03	1.05	1.05	1.83	ppb
Lead	208-1	1.03	1.03	1.07	1.04	2.26	ppb
Lithium	6-1						%
Magnesium	24-2	430.18	436.81	438.35	435.11	1.00	ppb
Manganese	55-2	0.74	0.81	0.70	0.75	7.24	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:51:15	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.90	1.87	2.02	1.93	4.16	ppb
Molybdenum	95-1	4.27	4.29	4.41	4.32	1.84	ppb
Molybdenum	96-1	3.63	3.66	3.83	3.71	2.92	ppb
Molybdenum	97-1	3.98	4.13	4.52	4.21	6.64	ppb
Molybdenum	98-1	4.27	4.29	4.63	4.40	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.71	0.97	0.81	18.19	ppb
Phosphorus	31-2	-5.48	-5.48	9.67	-0.43		ppb
Potassium	39-2	485.78	479.11	462.13	475.67	2.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	2.48	-1.19	0.03	6337.03	ppb
Selenium	78-2	5.16	6.50	2.76	4.81	39.46	ppb
Selenium	82-1	5.53	5.00	4.84	5.12	7.07	ppb
Silicon	28-1	1.05	-0.43	5.12	1.91	150.15	ppb
Silver	109-1	1.20	1.20	1.30	1.24	4.38	ppb
Silver	107-1	1.24	1.22	1.30	1.25	3.39	ppb
Sodium	23-2	497.80	487.92	496.17	493.97	1.07	ppb
Strontium	86-1	0.77	0.85	0.96	0.86	11.00	ppb
Strontium	88-1	0.89	0.93	0.99	0.93	5.43	ppb
Sulfur	34-1	-938.69	-729.31	-436.13	-701.38		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.93	0.95	0.94	1.11	ppb
Thallium	205-1	0.94	0.92	0.95	0.94	1.69	ppb
Tin	118-1	4.59	4.63	4.89	4.70	3.48	ppb
Titanium	47-1	4.59	4.31	4.54	4.48	3.27	ppb
Uranium	238-1	0.91	0.86	0.88	0.88	2.45	ppb
Vanadium	51-2	4.46	4.38	4.50	4.45	1.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.28	1.93	2.22	2.14	8.57	ppb
Zirconium	90-1	0.88	0.91	0.87	0.88	2.40	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:51:15	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.85	0.86	0.85	1.00	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:54:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.58	1.61	1.54	1.58	2.30	ppb
Antimony	121-1	0.08	0.05	0.06	0.06	22.66	ppb
Arsenic	75-2	-0.09	-0.07	-0.03	-0.06		ppb
Barium	135-1	-0.04	-0.03	-0.04	-0.03		ppb
Barium	137-1	-0.02	-0.04	-0.02	-0.03		ppb
Beryllium	9-1	0.05	0.09	0.10	0.08	36.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.42	8.45	8.62	8.50	1.23	ppb
Boron	11-1	8.51	7.76	7.73	8.00	5.51	ppb
Cadmium	111-1	-0.07	-0.10	-0.11	-0.09		ppb
Cadmium	106-1	-0.94	-1.40	-1.55	-1.30		ppb
Cadmium	108-1	0.01	0.08	0.04	0.04	74.29	ppb
Calcium	43-1	-10.19	-18.70	-14.93	-14.60		ppb
Calcium	44-1	9.01	10.21	6.22	8.48	24.14	ppb
Chromium	52-2	0.02	0.00	0.03	0.02	112.49	ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	0.06	0.08	0.07	0.07	9.34	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.39	0.52	1.34	0.75	68.55	ppb
Iron	57-2	-0.36	-1.00	-0.41	-0.59		ppb
Lead	206-1	0.07	0.04	0.04	0.05	32.17	ppb
Lead	207-1	0.05	0.05	0.06	0.05	6.44	ppb
Lead	208-1	0.05	0.05	0.04	0.05	7.55	ppb
Lithium	6-1						%
Magnesium	24-2	-1.60	-0.33	2.09	0.05	3605.55	ppb
Manganese	55-2	-0.19	-0.05	-0.06	-0.10		ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:54:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.02	0.03	26.13	ppb
Molybdenum	95-1	0.04	0.01	0.04	0.03	49.14	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	26.47	ppb
Molybdenum	97-1	0.06	0.01	0.05	0.04	62.06	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.01	38.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.24	-0.12	-0.20		ppb
Phosphorus	31-2	9.61	-5.48	9.49	4.54	190.96	ppb
Potassium	39-2	5.71	5.46	3.98	5.05	18.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	-1.19	-1.19		ppb
Selenium	78-2	2.09	-0.40	-0.42	0.42	341.63	ppb
Selenium	82-1	0.17	-0.35	0.20	0.01	4397.01	ppb
Silicon	28-1	-6.93	-2.13	-8.80	-5.95		ppb
Silver	109-1	0.02	0.02	0.01	0.02	36.55	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.28	ppb
Sodium	23-2	47.31	48.27	52.79	49.46	5.92	ppb
Strontium	86-1	-0.01	-0.01	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-346.36	-191.17	-369.59	-302.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.03	0.02	20.46	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	16.67	ppb
Tin	118-1	0.09	0.08	0.07	0.08	14.67	ppb
Titanium	47-1	-0.02	0.09	0.04	0.04	145.92	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	-0.01	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.20	0.05	0.11	0.12	61.82	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.95	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:54:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	22.53	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:57:33	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.93	34.03	36.71	41.22	24.81	ppb
Antimony	121-1	3.96	3.93	3.99	3.96	0.76	ppb
Arsenic	75-2	1.84	2.13	1.81	1.92	9.25	ppb
Barium	135-1	19.08	19.29	19.09	19.15	0.60	ppb
Barium	137-1	19.27	19.27	19.12	19.22	0.46	ppb
Beryllium	9-1	2.03	1.74	2.09	1.96	9.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	52.38	50.29	51.51	51.39	2.04	ppb
Boron	11-1	48.71	50.45	50.82	49.99	2.26	ppb
Cadmium	111-1	2.05	1.91	1.91	1.96	3.99	ppb
Cadmium	106-1	2.24	0.97	0.94	1.39	53.36	ppb
Cadmium	108-1	2.09	2.10	1.82	2.00	7.80	ppb
Calcium	43-1	882.37	936.98	891.01	903.45	3.25	ppb
Calcium	44-1	932.55	921.77	933.69	929.34	0.71	ppb
Chromium	52-2	4.16	3.95	4.04	4.05	2.52	ppb
Cobalt	59-2	1.97	1.93	1.93	1.94	1.32	ppb
Copper	63-2	4.19	4.12	4.22	4.18	1.15	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	389.21	379.32	386.41	384.98	1.33	ppb
Iron	57-2	387.80	379.67	398.43	388.63	2.42	ppb
Lead	206-1	2.25	2.25	2.14	2.21	3.02	ppb
Lead	207-1	2.22	2.26	2.26	2.24	1.06	ppb
Lead	208-1	2.25	2.23	2.23	2.24	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	960.76	909.46	916.47	928.90	2.99	ppb
Manganese	55-2	2.10	2.00	1.91	2.01	4.77	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:57:33	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.98	4.12	3.95	4.02	2.28	ppb
Molybdenum	95-1	9.24	9.03	9.17	9.15	1.16	ppb
Molybdenum	96-1	7.92	7.91	7.57	7.80	2.53	ppb
Molybdenum	97-1	9.30	9.21	9.29	9.27	0.52	ppb
Molybdenum	98-1	9.04	8.97	9.08	9.03	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	1.85	1.84	1.84	0.65	ppb
Phosphorus	31-2	-5.48	9.23	24.29	9.35	159.18	ppb
Potassium	39-2	1012.52	967.43	1005.90	995.29	2.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	10.35	13.28	16.68	13.44	23.60	ppb
Selenium	78-2	12.79	15.64	13.60	14.01	10.50	ppb
Selenium	82-1	9.99	9.77	11.21	10.32	7.54	ppb
Silicon	28-1	11.94	10.36	12.61	11.63	9.94	ppb
Silver	109-1	2.13	1.98	2.16	2.09	4.67	ppb
Silver	107-1	2.16	2.04	2.14	2.11	3.20	ppb
Sodium	23-2	1006.02	951.22	960.49	972.57	3.02	ppb
Strontium	86-1	1.96	2.01	2.00	1.99	1.40	ppb
Strontium	88-1	1.96	1.94	1.99	1.96	1.28	ppb
Sulfur	34-1	-258.70	-476.03	-250.31	-328.35		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.90	1.81	1.87	1.86	2.62	ppb
Thallium	205-1	1.90	1.87	1.92	1.89	1.31	ppb
Tin	118-1	9.72	10.09	9.67	9.83	2.32	ppb
Titanium	47-1	9.68	9.32	9.61	9.54	2.02	ppb
Uranium	238-1	1.83	1.81	1.89	1.84	2.36	ppb
Vanadium	51-2	9.42	9.81	9.44	9.56	2.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.69	3.75	4.51	3.98	11.40	ppb
Zirconium	90-1	1.86	1.84	1.85	1.85	0.69	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:57:33	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.89	1.87	1.81	1.85	2.29	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:00:42	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.76	2.00	-1.91	-0.22		ppb
Antimony	121-1	0.02	0.04	0.04	0.03	28.76	ppb
Arsenic	75-2	-0.06	-0.04	-0.06	-0.05		ppb
Barium	135-1	-0.02	-0.05	-0.02	-0.03		ppb
Barium	137-1	-0.02	-0.01	-0.02	-0.02		ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	55.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.15	5.64	5.75	5.51	5.84	ppb
Boron	11-1	6.07	5.30	5.40	5.59	7.50	ppb
Cadmium	111-1	0.00	-0.03	-0.09	-0.04		ppb
Cadmium	106-1	-0.21	-0.40	-1.31	-0.64		ppb
Cadmium	108-1	-0.05	-0.02	-0.08	-0.05		ppb
Calcium	43-1	-19.76	-9.89	-19.73	-16.46		ppb
Calcium	44-1	7.20	6.30	5.73	6.41	11.59	ppb
Chromium	52-2	0.03	0.19	-0.06	0.05	241.00	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.01	0.05	0.04	54.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.02	0.78	-0.01	0.25	183.79	ppb
Iron	57-2	0.55	0.57	-2.50	-0.46		ppb
Lead	206-1	0.05	0.03	0.03	0.04	36.05	ppb
Lead	207-1	0.08	0.06	0.06	0.07	17.81	ppb
Lead	208-1	0.05	0.04	0.04	0.04	15.33	ppb
Lithium	6-1						%
Magnesium	24-2	-2.46	0.56	-0.22	-0.71		ppb
Manganese	55-2	-0.15	-0.13	-0.09	-0.12		ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:00:42	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.00	454.77	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	68.63	ppb
Molybdenum	96-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.01	0.00	0.02	0.01	74.24	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	20204.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.09	-0.20	-0.17		ppb
Phosphorus	31-2	9.37	43.95	9.23	20.85	95.93	ppb
Potassium	39-2	12.59	21.16	-9.60	8.05	197.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	2.38	0.00	2154846.95	ppb
Selenium	78-2	-0.44	-1.65	-1.04	-1.04		ppb
Selenium	82-1	0.44	0.18	-0.24	0.13	268.97	ppb
Silicon	28-1	-8.63	-10.71	-8.35	-9.23		ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.23	ppb
Silver	107-1	0.02	0.03	0.02	0.02	31.29	ppb
Sodium	23-2	33.59	39.13	28.54	33.76	15.69	ppb
Strontium	86-1	-0.03	-0.09	0.07	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-419.94	-432.74	-414.18	-422.29		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	45.39	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	38.59	ppb
Tin	118-1	0.05	0.04	0.06	0.05	15.13	ppb
Titanium	47-1	0.04	0.04	-0.05	0.01	478.04	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.29	0.20	0.29	0.26	20.25	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	156.61	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:00:42	DataFile Name :	021CCBE.d

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

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:03:52	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.62	36.64	26.09	29.78	19.96	ppb
Antimony	121-1	3.92	3.83	3.89	3.88	1.27	ppb
Arsenic	75-2	1.89	1.93	1.98	1.94	2.42	ppb
Barium	135-1	19.20	19.53	19.14	19.29	1.09	ppb
Barium	137-1	19.23	19.51	18.98	19.24	1.37	ppb
Beryllium	9-1	2.09	1.81	2.16	2.02	9.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.12	47.73	52.38	49.08	5.86	ppb
Boron	11-1	48.33	47.99	51.10	49.14	3.47	ppb
Cadmium	111-1	1.95	2.06	1.88	1.96	4.72	ppb
Cadmium	106-1	1.33	2.05	0.97	1.45	37.92	ppb
Cadmium	108-1	2.65	1.44	1.76	1.95	32.11	ppb
Calcium	43-1	899.96	897.19	907.08	901.41	0.57	ppb
Calcium	44-1	936.65	916.65	938.19	930.50	1.29	ppb
Chromium	52-2	3.76	3.88	3.90	3.85	1.89	ppb
Cobalt	59-2	1.86	1.84	1.90	1.87	1.56	ppb
Copper	63-2	4.06	3.92	4.02	4.00	1.77	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	377.21	377.43	380.27	378.30	0.45	ppb
Iron	57-2	346.52	389.75	381.27	372.51	6.15	ppb
Lead	206-1	2.22	2.07	2.16	2.15	3.66	ppb
Lead	207-1	2.31	2.27	2.18	2.25	2.99	ppb
Lead	208-1	2.24	2.21	2.16	2.20	1.72	ppb
Lithium	6-1						%
Magnesium	24-2	901.78	918.96	944.49	921.74	2.33	ppb
Manganese	55-2	2.31	2.03	1.52	1.95	20.44	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:03:52	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.11	4.00	4.03	4.05	1.32	ppb
Molybdenum	95-1	9.23	8.95	9.33	9.17	2.15	ppb
Molybdenum	96-1	7.90	8.00	8.09	8.00	1.24	ppb
Molybdenum	97-1	9.10	9.20	8.78	9.03	2.41	ppb
Molybdenum	98-1	8.94	9.09	9.14	9.06	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	1.95	1.79	1.97	9.78	ppb
Phosphorus	31-2	23.32	-5.48	23.88	13.91	120.71	ppb
Potassium	39-2	1003.46	947.46	974.26	975.06	2.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	23.24	9.43	9.39	14.02	56.96	ppb
Selenium	78-2	8.48	11.64	6.78	8.97	27.51	ppb
Selenium	82-1	9.58	10.34	10.00	9.97	3.84	ppb
Silicon	28-1	9.69	10.07	10.84	10.20	5.76	ppb
Silver	109-1	2.07	2.01	2.14	2.08	3.14	ppb
Silver	107-1	2.08	2.01	2.09	2.06	2.21	ppb
Sodium	23-2	921.45	941.30	931.80	931.52	1.07	ppb
Strontium	86-1	1.98	1.83	1.95	1.92	4.25	ppb
Strontium	88-1	1.96	1.97	1.96	1.96	0.42	ppb
Sulfur	34-1	-422.28	-448.61	-423.13	-431.34		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.95	1.90	1.94	1.93	1.30	ppb
Thallium	205-1	1.87	1.96	1.90	1.91	2.19	ppb
Tin	118-1	9.87	9.86	9.67	9.80	1.15	ppb
Titanium	47-1	9.09	9.24	9.20	9.18	0.90	ppb
Uranium	238-1	1.84	1.88	1.80	1.84	2.18	ppb
Vanadium	51-2	9.59	9.35	9.49	9.48	1.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.50	4.59	4.42	4.17	14.02	ppb
Zirconium	90-1	1.85	1.85	1.84	1.85	0.47	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:03:52	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.85	1.81	1.87	1.84	1.74	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:07:53	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.17	36.96	31.86	32.33	13.65	ppb
Antimony	121-1	3.87	3.97	3.86	3.90	1.59	ppb
Arsenic	75-2	1.88	2.07	1.97	1.97	4.91	ppb
Barium	135-1	19.66	18.95	19.13	19.25	1.92	ppb
Barium	137-1	19.33	19.51	19.23	19.36	0.72	ppb
Beryllium	9-1	1.88	1.79	1.89	1.85	3.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.37	46.50	48.32	47.73	2.24	ppb
Boron	11-1	48.27	47.77	50.23	48.76	2.67	ppb
Cadmium	111-1	1.96	1.92	1.91	1.93	1.40	ppb
Cadmium	106-1	0.73	0.71	0.69	0.71	2.35	ppb
Cadmium	108-1	2.35	1.97	2.01	2.11	10.04	ppb
Calcium	43-1	932.18	907.65	893.65	911.16	2.14	ppb
Calcium	44-1	921.31	909.70	928.48	919.83	1.03	ppb
Chromium	52-2	3.95	4.39	3.81	4.05	7.53	ppb
Cobalt	59-2	1.98	2.00	1.90	1.96	2.61	ppb
Copper	63-2	4.20	4.25	4.12	4.19	1.45	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	378.73	387.42	382.20	382.78	1.14	ppb
Iron	57-2	368.14	383.04	364.93	372.04	2.60	ppb
Lead	206-1	2.17	2.19	2.21	2.19	0.96	ppb
Lead	207-1	2.16	2.14	2.18	2.16	0.98	ppb
Lead	208-1	2.16	2.17	2.16	2.16	0.19	ppb
Lithium	6-1						%
Magnesium	24-2	917.86	929.12	925.12	924.03	0.62	ppb
Manganese	55-2	2.14	1.94	2.33	2.14	9.22	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:07:53	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.04	3.98	4.12	4.04	1.73	ppb
Molybdenum	95-1	8.91	9.03	9.17	9.04	1.45	ppb
Molybdenum	96-1	7.81	7.76	7.95	7.84	1.27	ppb
Molybdenum	97-1	9.16	8.76	9.11	9.01	2.45	ppb
Molybdenum	98-1	9.03	9.10	9.21	9.12	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	2.00	1.90	1.92	3.62	ppb
Phosphorus	31-2	9.12	39.44	9.27	19.28	90.59	ppb
Potassium	39-2	956.10	952.67	988.82	965.86	2.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	13.01	13.12	23.80	16.65	37.23	ppb
Selenium	78-2	14.11	10.57	9.93	11.54	19.52	ppb
Selenium	82-1	10.32	10.21	9.30	9.94	5.60	ppb
Silicon	28-1	11.02	8.81	10.65	10.16	11.65	ppb
Silver	109-1	2.09	2.17	2.07	2.11	2.37	ppb
Silver	107-1	2.10	2.11	2.07	2.10	1.11	ppb
Sodium	23-2	943.34	957.37	947.34	949.35	0.76	ppb
Strontium	86-1	1.96	1.96	1.86	1.93	3.15	ppb
Strontium	88-1	1.98	1.96	1.99	1.98	0.98	ppb
Sulfur	34-1	-412.44	-451.44	-285.93	-383.27		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.83	1.94	1.87	1.88	3.07	ppb
Thallium	205-1	1.91	1.86	1.91	1.89	1.35	ppb
Tin	118-1	9.59	9.85	9.87	9.77	1.62	ppb
Titanium	47-1	9.37	9.12	9.65	9.38	2.83	ppb
Uranium	238-1	1.82	1.83	1.80	1.82	0.91	ppb
Vanadium	51-2	9.28	9.68	9.35	9.44	2.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.31	4.01	4.57	4.30	6.47	ppb
Zirconium	90-1	1.87	1.82	1.85	1.84	1.23	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:07:53	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.76	1.74	1.70	1.73	1.56	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-01	Instrumnet Name :	P8
Client Sample ID :	MBDD12	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:11:03	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	259.37	266.11	254.06	259.84	2.32	ppb
Antimony	121-1	0.18	0.19	0.22	0.20	8.39	ppb
Arsenic	75-2	0.59	0.68	0.70	0.66	9.51	ppb
Barium	135-1	88.29	89.14	89.01	88.81	0.51	ppb
Barium	137-1	87.70	89.30	87.85	88.28	1.00	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	96.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	36.57	37.65	39.32	37.84	3.67	ppb
Boron	11-1	37.13	37.90	38.73	37.92	2.10	ppb
Cadmium	111-1	0.02	0.06	-0.03	0.02	262.15	ppb
Cadmium	106-1	-1.29	-0.67	-1.48	-1.14		ppb
Cadmium	108-1	0.02	0.08	0.22	0.11	93.22	ppb
Calcium	43-1	23873.34	24376.48	24200.66	24150.16	1.06	ppb
Calcium	44-1	24161.63	24040.68	23900.65	24034.32	0.54	ppb
Chromium	52-2	2.49	2.97	2.95	2.80	9.57	ppb
Cobalt	59-2	0.48	0.52	0.54	0.52	5.82	ppb
Copper	63-2	1.34	1.46	1.49	1.43	5.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	509.80	521.22	530.16	520.39	1.96	ppb
Iron	57-2	530.23	522.61	540.23	531.02	1.66	ppb
Lead	206-1	0.47	0.44	0.42	0.44	5.40	ppb
Lead	207-1	0.47	0.45	0.40	0.44	8.14	ppb
Lead	208-1	0.46	0.43	0.42	0.44	5.71	ppb
Lithium	6-1						%
Magnesium	24-2	8108.11	8292.97	8352.02	8251.04	1.54	ppb
Manganese	55-2	73.56	73.78	73.59	73.64	0.16	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-01	Instrumnet Name :	P8
Client Sample ID :	MBDD12	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:11:03	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.38	0.41	0.36	0.38	6.52	ppb
Molybdenum	95-1	0.98	1.00	1.04	1.01	3.10	ppb
Molybdenum	96-1	0.92	0.82	0.84	0.86	5.96	ppb
Molybdenum	97-1	1.06	1.16	1.06	1.10	5.40	ppb
Molybdenum	98-1	1.06	1.04	1.07	1.06	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	2.01	2.04	2.10	6.51	ppb
Phosphorus	31-2	76.07	78.17	37.53	63.92	35.79	ppb
Potassium	39-2	5466.30	5542.43	5607.82	5538.85	1.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.14	-1.19	2.22	1.06	184.21	ppb
Selenium	78-2	0.06	-0.49	0.10	-0.11		ppb
Selenium	82-1	0.26	1.15	0.03	0.48	122.73	ppb
Silicon	28-1	5330.37	5384.20	5426.64	5380.41	0.90	ppb
Silver	109-1	0.24	0.26	0.28	0.26	7.50	ppb
Silver	107-1	0.25	0.26	0.27	0.26	3.74	ppb
Sodium	23-2	38494.25	38938.78	39839.91	39090.98	1.75	ppb
Strontium	86-1	262.96	261.22	259.97	261.38	0.57	ppb
Strontium	88-1	270.85	268.16	267.18	268.73	0.71	ppb
Sulfur	34-1	6383.93	6790.29	6729.45	6634.55	3.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.11	0.12	0.12	5.74	ppb
Thallium	205-1	0.13	0.14	0.12	0.13	7.28	ppb
Tin	118-1	0.04	0.04	0.04	0.04	7.41	ppb
Titanium	47-1	0.93	0.93	0.91	0.93	1.22	ppb
Uranium	238-1	0.31	0.31	0.30	0.31	1.77	ppb
Vanadium	51-2	3.52	3.57	4.01	3.70	7.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	104.59	109.34	110.42	108.12	2.87	ppb
Zirconium	90-1	0.09	0.09	0.08	0.09	5.78	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-01	Instrumnet Name :	P8
Client Sample ID :	MBDD12	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:11:03	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.11	0.09	0.10	12.98	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02	Instrumnet Name :	P8
Client Sample ID :	MBDD14	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:14:10	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.15	42.22	49.17	45.51	7.66	ppb
Antimony	121-1	0.32	0.32	0.35	0.33	6.24	ppb
Arsenic	75-2	0.37	0.58	0.42	0.46	23.85	ppb
Barium	135-1	182.71	183.25	181.97	182.64	0.35	ppb
Barium	137-1	182.88	184.31	184.67	183.95	0.51	ppb
Beryllium	9-1	0.08	0.09	0.08	0.09	5.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	68.06	68.54	74.36	70.32	4.98	ppb
Boron	11-1	70.98	70.33	71.11	70.80	0.59	ppb
Cadmium	111-1	-0.08	-0.03	-0.08	-0.06		ppb
Cadmium	106-1	-2.34	-1.00	-1.93	-1.76		ppb
Cadmium	108-1	0.32	0.24	0.30	0.28	13.70	ppb
Calcium	43-1	33897.18	34385.85	35005.59	34429.54	1.61	ppb
Calcium	44-1	34409.16	34895.72	34995.98	34766.95	0.90	ppb
Chromium	52-2	0.10	0.28	0.15	0.18	50.44	ppb
Cobalt	59-2	16.39	16.88	16.88	16.72	1.69	ppb
Copper	63-2	4.79	5.10	4.84	4.91	3.39	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	16.07	17.02	17.34	16.81	3.92	ppb
Iron	57-2	13.64	19.32	12.41	15.12	24.36	ppb
Lead	206-1	0.42	0.44	0.42	0.43	2.86	ppb
Lead	207-1	0.36	0.40	0.41	0.39	6.88	ppb
Lead	208-1	0.41	0.41	0.40	0.40	1.12	ppb
Lithium	6-1						%
Magnesium	24-2	6893.20	7036.32	6860.87	6930.13	1.35	ppb
Manganese	55-2	417.35	426.89	417.27	420.51	1.32	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02	Instrumnet Name :	P8
Client Sample ID :	MBDD14	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:14:10	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	11.79	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	52.92	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	72.97	ppb
Molybdenum	97-1	0.06	0.02	0.04	0.04	49.25	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	241.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.92	68.31	67.44	67.55	1.04	ppb
Phosphorus	31-2	21.98	22.77	-5.48	13.09	122.86	ppb
Potassium	39-2	5323.44	5403.42	5294.75	5340.54	1.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.19	-1.19	-1.19	-0.06		ppb
Selenium	78-2	-1.07	0.09	-1.06	-0.68		ppb
Selenium	82-1	0.45	-0.13	0.14	0.15	193.90	ppb
Silicon	28-1	6053.55	6153.49	6183.96	6130.34	1.11	ppb
Silver	109-1	0.18	0.20	0.19	0.19	4.91	ppb
Silver	107-1	0.19	0.18	0.19	0.19	3.45	ppb
Sodium	23-2	42152.06	42814.86	41997.23	42321.38	1.03	ppb
Strontium	86-1	310.36	308.80	313.72	310.96	0.81	ppb
Strontium	88-1	315.43	315.17	322.09	317.56	1.24	ppb
Sulfur	34-1	3929.13	4009.94	4291.17	4076.75	4.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.16	0.17	0.16	0.16	3.24	ppb
Thallium	205-1	0.18	0.18	0.18	0.18	1.65	ppb
Tin	118-1	0.02	0.00	-0.01	0.00	1229.32	ppb
Titanium	47-1	0.21	0.29	0.16	0.22	28.42	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.24	0.29	0.31	0.28	13.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	512.86	525.81	514.54	517.74	1.36	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	87.85	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02	Instrumnet Name :	P8
Client Sample ID :	MBDD14	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:14:10	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.00	0.00	579.16	ppb

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : I5192-03 Instrumnet Name : P8
 Client Sample ID : MBDD14D Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 13:17:17 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.50	46.13	46.55	47.73	5.05	ppb
Antimony	121-1	0.31	0.33	0.33	0.32	4.19	ppb
Arsenic	75-2	0.46	0.52	0.45	0.48	7.73	ppb
Barium	135-1	182.90	185.26	181.26	183.14	1.10	ppb
Barium	137-1	182.20	184.97	183.27	183.48	0.76	ppb
Beryllium	9-1	0.13	0.02	0.13	0.09	66.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	73.02	75.82	73.47	74.10	2.03	ppb
Boron	11-1	73.57	73.72	72.95	73.41	0.56	ppb
Cadmium	111-1	-0.02	-0.05	-0.03	-0.03		ppb
Cadmium	106-1	-1.17	-1.64	-1.31	-1.37		ppb
Cadmium	108-1	0.21	0.03	0.22	0.15	71.92	ppb
Calcium	43-1	34583.47	34622.88	34229.15	34478.50	0.63	ppb
Calcium	44-1	34580.41	34788.04	34421.31	34596.58	0.53	ppb
Chromium	52-2	0.16	0.19	0.17	0.17	11.04	ppb
Cobalt	59-2	17.18	18.54	17.40	17.71	4.12	ppb
Copper	63-2	4.94	5.51	4.96	5.14	6.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15.54	18.26	15.13	16.31	10.41	ppb
Iron	57-2	13.21	15.14	15.99	14.78	9.63	ppb
Lead	206-1	0.45	0.40	0.43	0.42	5.06	ppb
Lead	207-1	0.39	0.41	0.35	0.38	8.10	ppb
Lead	208-1	0.40	0.41	0.39	0.40	1.97	ppb
Lithium	6-1						%
Magnesium	24-2	7088.85	7686.39	7109.11	7294.78	4.65	ppb
Manganese	55-2	433.81	469.08	433.72	445.54	4.58	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-03	Instrumnet Name :	P8
Client Sample ID :	MBDD14D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:17:17	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	40.29	ppb
Molybdenum	95-1	0.04	-0.01	0.00	0.01	328.30	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.06	0.05	0.03	0.05	34.47	ppb
Molybdenum	98-1	-0.01	0.00	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.23	75.67	69.65	71.52	5.04	ppb
Phosphorus	31-2	-5.48	-5.48	66.73	18.59	224.21	ppb
Potassium	39-2	5470.40	6088.49	5537.18	5698.69	5.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.23	-1.19	-1.19	-0.05		ppb
Selenium	78-2	0.69	0.27	0.14	0.37	78.49	ppb
Selenium	82-1	-0.37	0.51	-0.74	-0.20		ppb
Silicon	28-1	6113.21	6186.67	6049.37	6116.41	1.12	ppb
Silver	109-1	0.15	0.13	0.15	0.14	8.37	ppb
Silver	107-1	0.14	0.14	0.15	0.15	3.60	ppb
Sodium	23-2	43716.51	47430.47	43187.69	44778.22	5.16	ppb
Strontium	86-1	311.10	314.81	312.21	312.71	0.61	ppb
Strontium	88-1	318.89	321.98	318.60	319.82	0.58	ppb
Sulfur	34-1	3895.24	4191.45	3893.23	3993.31	4.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.17	0.16	0.15	0.16	6.18	ppb
Thallium	205-1	0.18	0.18	0.16	0.17	7.59	ppb
Tin	118-1	0.00	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.26	0.18	0.22	0.22	19.62	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.27	0.40	0.31	0.33	20.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	532.18	582.67	533.94	549.60	5.21	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	41.96	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-03	Instrumnet Name :	P8
Client Sample ID :	MBDD14D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:17:17	DataFile Name :	026SMPL.d

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

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD14L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:20:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.28	3.89	6.28	5.82	29.89	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	11.57	ppb
Arsenic	75-2	0.04	0.08	0.08	0.07	38.96	ppb
Barium	135-1	35.16	35.39	35.54	35.36	0.54	ppb
Barium	137-1	35.76	35.51	34.85	35.37	1.32	ppb
Beryllium	9-1	0.02	0.00	-0.01	0.00	1783.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.87	17.69	17.70	18.75	9.78	ppb
Boron	11-1	18.62	19.22	19.57	19.14	2.53	ppb
Cadmium	111-1	-0.10	-0.14	-0.08	-0.11		ppb
Cadmium	106-1	-1.51	-2.04	-1.29	-1.62		ppb
Cadmium	108-1	-0.05	-0.05	-0.02	-0.04		ppb
Calcium	43-1	6587.65	6777.99	6599.10	6654.91	1.60	ppb
Calcium	44-1	6773.68	6850.98	6745.62	6790.09	0.80	ppb
Chromium	52-2	0.36	0.27	0.13	0.25	47.21	ppb
Cobalt	59-2	3.18	3.18	3.19	3.18	0.27	ppb
Copper	63-2	1.11	1.12	1.14	1.12	1.27	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.57	3.98	3.58	3.71	6.31	ppb
Iron	57-2	1.98	3.07	4.18	3.08	35.87	ppb
Lead	206-1	0.09	0.12	0.07	0.09	26.20	ppb
Lead	207-1	0.08	0.09	0.10	0.09	5.97	ppb
Lead	208-1	0.09	0.09	0.07	0.08	9.75	ppb
Lithium	6-1						%
Magnesium	24-2	1300.92	1308.63	1325.88	1311.81	0.97	ppb
Manganese	55-2	81.84	79.68	80.71	80.74	1.34	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD14L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:20:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.01	0.01	43.60	ppb
Molybdenum	95-1	0.01	0.03	0.01	0.02	71.15	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	36.64	ppb
Molybdenum	97-1	0.05	0.04	0.03	0.04	24.89	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	123.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.90	12.74	12.72	12.45	3.85	ppb
Phosphorus	31-2	9.53	24.78	55.56	29.95	78.29	ppb
Potassium	39-2	1029.45	992.75	1009.35	1010.52	1.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	2.46	0.03	8016.39	ppb
Selenium	78-2	0.26	-0.39	-0.40	-0.18		ppb
Selenium	82-1	-0.15	-0.39	-0.34	-0.29		ppb
Silicon	28-1	1167.40	1161.07	1142.83	1157.10	1.10	ppb
Silver	109-1	0.07	0.06	0.05	0.06	15.89	ppb
Silver	107-1	0.07	0.06	0.05	0.06	16.03	ppb
Sodium	23-2	7873.94	7992.75	8078.31	7981.67	1.29	ppb
Strontium	86-1	60.28	59.91	59.87	60.02	0.37	ppb
Strontium	88-1	63.70	62.67	62.16	62.84	1.25	ppb
Sulfur	34-1	-220.41	-181.00	-176.31	-192.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.03	0.03	12.92	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	7.41	ppb
Tin	118-1	0.02	0.00	-0.01	0.00	365.58	ppb
Titanium	47-1	0.05	-0.01	0.08	0.04	105.24	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.08	0.05	0.05	42.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	99.24	98.12	98.65	98.67	0.57	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	70.80	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD14L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:20:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.00	0.01	119.91	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-04	Instrumnet Name :	P8
Client Sample ID :	MBDD14S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:23:31	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1952.82	1959.46	1886.56	1932.95	2.09	ppb
Antimony	121-1	104.46	105.19	106.51	105.39	0.99	ppb
Arsenic	75-2	43.76	42.64	41.84	42.75	2.25	ppb
Barium	135-1	2312.51	2328.16	2325.87	2322.18	0.36	ppb
Barium	137-1	2282.12	2263.99	2307.43	2284.51	0.96	ppb
Beryllium	9-1	49.20	49.97	50.00	49.72	0.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	70.21	68.87	70.36	69.81	1.18	ppb
Boron	11-1	69.19	72.13	72.80	71.37	2.69	ppb
Cadmium	111-1	52.73	53.19	53.37	53.10	0.62	ppb
Cadmium	106-1	44.41	46.38	46.82	45.87	2.79	ppb
Cadmium	108-1	51.99	52.68	53.65	52.77	1.58	ppb
Calcium	43-1	34016.10	33873.16	34055.93	33981.73	0.28	ppb
Calcium	44-1	34242.25	34148.57	34216.49	34202.44	0.14	ppb
Chromium	52-2	218.28	212.24	204.76	211.76	3.20	ppb
Cobalt	59-2	570.94	549.03	528.72	549.56	3.84	ppb
Copper	63-2	283.61	274.81	265.61	274.68	3.28	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1111.78	1064.49	1036.08	1070.78	3.57	ppb
Iron	57-2	1141.24	1110.22	1051.06	1100.84	4.16	ppb
Lead	206-1	20.64	20.41	20.56	20.54	0.57	ppb
Lead	207-1	20.37	20.25	20.25	20.29	0.33	ppb
Lead	208-1	20.42	20.37	20.32	20.37	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	7180.21	6980.86	6702.78	6954.62	3.45	ppb
Manganese	55-2	989.53	958.21	930.79	959.51	3.06	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-04	Instrumnet Name :	P8
Client Sample ID :	MBDD14S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:23:31	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.03	11.92	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	13.24	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	20.85	ppb
Molybdenum	97-1	0.08	0.08	0.08	0.08	1.15	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	42.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	628.23	610.03	586.24	608.17	3.46	ppb
Phosphorus	31-2	9.10	-5.48	21.86	8.50	161.01	ppb
Potassium	39-2	5537.06	5304.84	5252.42	5364.77	2.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	148.07	103.55	83.82	111.81	29.44	ppb
Selenium	78-2	116.60	113.93	113.81	114.78	1.38	ppb
Selenium	82-1	103.56	103.36	105.82	104.25	1.31	ppb
Silicon	28-1	6033.99	6003.07	5996.35	6011.14	0.33	ppb
Silver	109-1	49.03	49.19	49.53	49.25	0.52	ppb
Silver	107-1	48.75	48.94	49.43	49.04	0.72	ppb
Sodium	23-2	44073.54	42757.10	40908.55	42579.73	3.73	ppb
Strontium	86-1	309.50	307.08	309.70	308.76	0.47	ppb
Strontium	88-1	317.31	318.20	319.76	318.42	0.39	ppb
Sulfur	34-1	3691.72	3739.47	3643.86	3691.68	1.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	51.28	51.92	51.51	51.57	0.63	ppb
Thallium	205-1	51.36	51.71	52.02	51.70	0.64	ppb
Tin	118-1	0.04	0.02	0.04	0.03	29.41	ppb
Titanium	47-1	0.15	0.19	0.29	0.21	32.74	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	120.36	ppb
Vanadium	51-2	545.11	526.17	507.93	526.40	3.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1091.00	1060.90	1034.21	1062.04	2.68	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	29.88	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-04	Instrumnet Name :	P8
Client Sample ID :	MBDD14S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:23:31	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.03	0.03	13.12	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-01	Instrumnet Name :	P8
Client Sample ID :	MBDD11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:26:38	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.17	53.49	76.31	64.65	17.66	ppb
Antimony	121-1	0.15	0.18	0.15	0.16	9.11	ppb
Arsenic	75-2	0.58	0.53	0.46	0.52	11.70	ppb
Barium	135-1	88.99	88.92	88.70	88.87	0.17	ppb
Barium	137-1	88.66	88.03	88.84	88.51	0.48	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	7.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	36.27	37.62	35.73	36.54	2.67	ppb
Boron	11-1	37.00	36.80	37.46	37.09	0.92	ppb
Cadmium	111-1	0.07	0.01	0.02	0.03	112.67	ppb
Cadmium	106-1	-0.49	-1.22	-1.67	-1.13		ppb
Cadmium	108-1	0.25	0.05	0.14	0.15	66.00	ppb
Calcium	43-1	24187.55	24097.57	24073.02	24119.38	0.25	ppb
Calcium	44-1	24164.82	24102.26	24107.07	24124.72	0.14	ppb
Chromium	52-2	2.32	2.82	2.58	2.57	9.70	ppb
Cobalt	59-2	0.53	0.49	0.50	0.51	4.61	ppb
Copper	63-2	0.85	0.93	0.87	0.88	4.93	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	434.24	445.06	431.93	437.08	1.60	ppb
Iron	57-2	441.40	442.18	429.43	437.67	1.63	ppb
Lead	206-1	0.30	0.31	0.33	0.31	6.07	ppb
Lead	207-1	0.32	0.31	0.29	0.31	5.84	ppb
Lead	208-1	0.31	0.30	0.31	0.31	2.10	ppb
Lithium	6-1						%
Magnesium	24-2	8315.07	8324.82	8241.23	8293.71	0.55	ppb
Manganese	55-2	73.40	73.07	72.84	73.10	0.39	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-01	Instrumnet Name :	P8
Client Sample ID :	MBDD11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:26:38	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.32	0.33	0.33	1.86	ppb
Molybdenum	95-1	1.07	1.01	1.07	1.05	3.53	ppb
Molybdenum	96-1	0.93	0.90	0.81	0.88	6.60	ppb
Molybdenum	97-1	1.23	0.94	1.11	1.09	13.07	ppb
Molybdenum	98-1	1.06	1.01	0.99	1.02	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.33	2.27	2.37	2.32	2.13	ppb
Phosphorus	31-2	22.49	8.76	50.74	27.33	78.31	ppb
Potassium	39-2	5431.04	5496.25	5386.40	5437.89	1.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	2.29	2.27	1.12	178.45	ppb
Selenium	78-2	0.11	1.32	-1.06	0.12	961.90	ppb
Selenium	82-1	0.06	0.97	0.24	0.42	114.70	ppb
Silicon	28-1	5363.51	5344.70	5374.18	5360.80	0.28	ppb
Silver	109-1	0.17	0.17	0.15	0.16	4.60	ppb
Silver	107-1	0.16	0.18	0.16	0.17	5.66	ppb
Sodium	23-2	39123.65	39281.20	38935.97	39113.61	0.44	ppb
Strontium	86-1	261.89	256.12	260.91	259.64	1.19	ppb
Strontium	88-1	270.10	268.20	267.29	268.53	0.53	ppb
Sulfur	34-1	6020.46	6201.00	6194.93	6138.79	1.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.12	0.11	0.11	10.42	ppb
Thallium	205-1	0.10	0.11	0.13	0.11	14.13	ppb
Tin	118-1	0.02	0.00	-0.01	0.00	444.84	ppb
Titanium	47-1	0.38	0.42	0.45	0.41	8.71	ppb
Uranium	238-1	0.24	0.25	0.25	0.25	1.56	ppb
Vanadium	51-2	3.64	3.44	3.56	3.55	2.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	133.13	132.46	130.40	132.00	1.08	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	51.56	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-01	Instrumnet Name :	P8
Client Sample ID :	MBDD11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:26:38	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.03	0.02	114.08	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02	Instrumnet Name :	P8
Client Sample ID :	MBDD13	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:29:44	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.88	30.02	37.65	34.52	11.57	ppb
Antimony	121-1	0.37	0.35	0.36	0.36	1.89	ppb
Arsenic	75-2	0.58	0.79	0.69	0.69	15.76	ppb
Barium	135-1	182.27	177.90	180.06	180.07	1.21	ppb
Barium	137-1	182.26	178.78	180.00	180.35	0.98	ppb
Beryllium	9-1	0.11	0.10	0.13	0.11	15.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	65.60	67.05	70.26	67.63	3.52	ppb
Boron	11-1	68.86	70.12	68.90	69.29	1.03	ppb
Cadmium	111-1	-0.04	-0.06	-0.06	-0.05		ppb
Cadmium	106-1	-1.53	-1.81	-1.93	-1.76		ppb
Cadmium	108-1	0.08	0.22	0.00	0.10	112.88	ppb
Calcium	43-1	34983.88	34107.81	33306.13	34132.61	2.46	ppb
Calcium	44-1	34777.96	34498.78	33619.57	34298.77	1.76	ppb
Chromium	52-2	0.20	0.18	0.13	0.17	23.94	ppb
Cobalt	59-2	16.29	17.09	17.10	16.83	2.75	ppb
Copper	63-2	4.81	5.06	5.02	4.97	2.72	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.67	15.19	14.10	14.65	3.71	ppb
Iron	57-2	16.20	13.73	10.22	13.38	22.46	ppb
Lead	206-1	0.47	0.45	0.46	0.46	2.41	ppb
Lead	207-1	0.51	0.44	0.44	0.46	8.75	ppb
Lead	208-1	0.47	0.46	0.44	0.45	2.79	ppb
Lithium	6-1						%
Magnesium	24-2	6849.28	7232.52	7201.16	7094.32	3.00	ppb
Manganese	55-2	414.42	429.05	423.97	422.48	1.76	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02	Instrumnet Name :	P8
Client Sample ID :	MBDD13	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:29:44	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.02	0.01	84.69	ppb
Molybdenum	95-1	-0.01	0.01	0.01	0.00	234.19	ppb
Molybdenum	96-1	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	0.05	0.10	0.06	0.07	38.05	ppb
Molybdenum	98-1	0.01	-0.02	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.65	69.93	69.67	69.08	1.81	ppb
Phosphorus	31-2	37.02	24.40	38.96	33.46	23.61	ppb
Potassium	39-2	5235.66	5713.35	5527.64	5492.21	4.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	6.00	1.21	344.14	ppb
Selenium	78-2	-1.06	-1.02	0.19	-0.63		ppb
Selenium	82-1	-0.21	0.78	0.46	0.35	145.68	ppb
Silicon	28-1	6151.49	6005.25	5943.56	6033.43	1.77	ppb
Silver	109-1	0.14	0.13	0.14	0.13	6.09	ppb
Silver	107-1	0.14	0.14	0.14	0.14	1.58	ppb
Sodium	23-2	42196.67	44544.55	44555.72	43765.65	3.10	ppb
Strontium	86-1	310.62	307.16	306.75	308.17	0.69	ppb
Strontium	88-1	319.14	316.01	312.93	316.02	0.98	ppb
Sulfur	34-1	3989.27	3732.45	3340.13	3687.28	8.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.16	0.19	0.19	0.18	10.15	ppb
Thallium	205-1	0.17	0.17	0.18	0.17	3.75	ppb
Tin	118-1	0.05	0.03	0.02	0.03	47.57	ppb
Titanium	47-1	0.14	0.26	0.16	0.19	35.88	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.33	0.29	0.31	0.31	6.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	525.98	551.26	547.99	541.74	2.54	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	46.54	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02	Instrumnet Name :	P8
Client Sample ID :	MBDD13	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:29:44	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	-0.01	0.00	453.85	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-03	Instrumnet Name :	P8
Client Sample ID :	MBDD13D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:32:50	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.34	29.62	26.99	32.65	23.39	ppb
Antimony	121-1	0.35	0.33	0.35	0.34	3.51	ppb
Arsenic	75-2	0.46	0.69	0.74	0.63	23.22	ppb
Barium	135-1	180.28	179.45	180.25	179.99	0.26	ppb
Barium	137-1	179.63	177.71	178.10	178.48	0.57	ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	18.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	69.20	70.33	71.12	70.22	1.38	ppb
Boron	11-1	67.04	67.45	70.75	68.41	2.98	ppb
Cadmium	111-1	-0.11	-0.10	-0.05	-0.09		ppb
Cadmium	106-1	-2.53	-2.18	-1.67	-2.12		ppb
Cadmium	108-1	0.27	0.46	0.30	0.34	30.19	ppb
Calcium	43-1	34462.84	34321.30	33738.03	34174.06	1.12	ppb
Calcium	44-1	34635.37	34579.60	33778.85	34331.27	1.40	ppb
Chromium	52-2	0.18	0.18	0.24	0.20	18.64	ppb
Cobalt	59-2	16.53	16.66	17.33	16.84	2.56	ppb
Copper	63-2	4.83	4.89	5.17	4.96	3.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.69	14.07	15.97	14.58	8.37	ppb
Iron	57-2	13.67	9.93	14.68	12.76	19.63	ppb
Lead	206-1	0.46	0.47	0.48	0.47	2.86	ppb
Lead	207-1	0.42	0.41	0.42	0.42	1.26	ppb
Lead	208-1	0.45	0.45	0.48	0.46	3.27	ppb
Lithium	6-1						%
Magnesium	24-2	6955.38	6783.96	7339.91	7026.42	4.05	ppb
Manganese	55-2	409.81	407.42	434.14	417.12	3.54	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-03	Instrumnet Name :	P8
Client Sample ID :	MBDD13D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:32:50	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.02	-0.01	0.01	0.01	208.13	ppb
Molybdenum	97-1	0.09	0.09	0.10	0.09	6.72	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.25	66.10	70.92	68.09	3.70	ppb
Phosphorus	31-2	-5.48	-5.48	24.80	4.62	378.71	ppb
Potassium	39-2	5372.29	5318.34	5751.58	5480.74	4.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	2.31	-1.19	-0.02		ppb
Selenium	78-2	-1.06	1.34	-1.65	-0.46		ppb
Selenium	82-1	-0.06	0.18	-0.55	-0.14		ppb
Silicon	28-1	6059.15	6028.00	5962.90	6016.68	0.82	ppb
Silver	109-1	0.12	0.11	0.13	0.12	8.17	ppb
Silver	107-1	0.13	0.12	0.12	0.12	2.21	ppb
Sodium	23-2	42808.37	41830.93	44884.69	43174.66	3.61	ppb
Strontium	86-1	305.62	308.40	306.75	306.92	0.45	ppb
Strontium	88-1	315.90	319.38	314.43	316.57	0.80	ppb
Sulfur	34-1	3612.44	3562.91	3358.20	3511.18	3.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.17	0.15	0.17	0.17	7.11	ppb
Thallium	205-1	0.17	0.17	0.16	0.17	4.31	ppb
Tin	118-1	0.02	0.04	0.01	0.02	69.33	ppb
Titanium	47-1	0.17	0.19	0.27	0.21	26.00	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.25	0.24	0.28	0.25	9.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	528.19	526.19	554.54	536.30	2.95	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	98.11	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-03	Instrumnet Name :	P8
Client Sample ID :	MBDD13D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:32:50	DataFile Name :	031SMPL.d

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

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD13L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:35:57	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.96	7.24	16.73	11.31	43.21	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	8.50	ppb
Arsenic	75-2	0.00	0.08	0.05	0.04	85.34	ppb
Barium	135-1	36.59	35.76	34.44	35.59	3.05	ppb
Barium	137-1	36.63	35.86	34.76	35.75	2.64	ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	220.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.17	17.92	16.51	19.20	18.28	ppb
Boron	11-1	19.18	18.61	17.88	18.56	3.50	ppb
Cadmium	111-1	-0.12	-0.20	-0.14	-0.15		ppb
Cadmium	106-1	-2.00	-2.92	-2.16	-2.36		ppb
Cadmium	108-1	-0.08	0.07	0.01	0.00		ppb
Calcium	43-1	7059.88	6706.58	6558.84	6775.10	3.80	ppb
Calcium	44-1	7175.17	6906.19	6587.36	6889.57	4.27	ppb
Chromium	52-2	0.10	0.11	0.11	0.11	4.76	ppb
Cobalt	59-2	3.42	3.25	3.27	3.31	2.80	ppb
Copper	63-2	1.04	1.09	1.03	1.05	3.12	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.08	2.99	2.99	3.02	1.79	ppb
Iron	57-2	2.24	3.29	2.79	2.78	18.96	ppb
Lead	206-1	0.09	0.07	0.08	0.08	14.52	ppb
Lead	207-1	0.10	0.07	0.07	0.08	22.07	ppb
Lead	208-1	0.10	0.07	0.07	0.08	18.11	ppb
Lithium	6-1						%
Magnesium	24-2	1363.58	1294.34	1332.82	1330.24	2.61	ppb
Manganese	55-2	81.19	81.26	82.21	81.55	0.70	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD13L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:35:57	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.00	886.22	ppb
Molybdenum	95-1	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.09	0.10	0.06	0.08	20.39	ppb
Molybdenum	98-1	-0.02	-0.01	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.51	12.77	12.59	12.95	3.76	ppb
Phosphorus	31-2	25.49	9.47	-5.48	9.83	157.57	ppb
Potassium	39-2	1058.06	1009.06	1033.88	1033.67	2.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	-1.19	-1.19		ppb
Selenium	78-2	-1.65	-1.03	-1.65	-1.44		ppb
Selenium	82-1	-0.09	0.47	-0.73	-0.12		ppb
Silicon	28-1	1233.09	1167.42	1121.97	1174.16	4.76	ppb
Silver	109-1	0.05	0.04	0.05	0.05	2.36	ppb
Silver	107-1	0.05	0.05	0.06	0.05	11.77	ppb
Sodium	23-2	8241.68	8043.43	8163.56	8149.56	1.23	ppb
Strontium	86-1	63.63	61.15	59.10	61.29	3.70	ppb
Strontium	88-1	65.69	64.08	60.34	63.37	4.33	ppb
Sulfur	34-1	123.36	-367.11	-389.20	-210.98		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.03	0.03	21.17	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	11.11	ppb
Tin	118-1	0.01	-0.02	0.01	0.00	1110.89	ppb
Titanium	47-1	0.05	0.11	0.01	0.06	88.00	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.03	0.06	0.05	0.05	32.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	103.40	101.63	101.80	102.28	0.96	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	46.15	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD13L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:35:57	DataFile Name :	032SMPL.d

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

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-04	Instrumnet Name :	P8
Client Sample ID :	MBDD13S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:39:04	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1974.83	1963.33	1939.72	1959.29	0.91	ppb
Antimony	121-1	103.92	105.00	104.89	104.60	0.57	ppb
Arsenic	75-2	40.44	40.74	41.84	41.01	1.79	ppb
Barium	135-1	2276.80	2284.03	2279.28	2280.04	0.16	ppb
Barium	137-1	2262.29	2283.61	2258.68	2268.19	0.59	ppb
Beryllium	9-1	48.24	49.06	47.67	48.32	1.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	65.33	67.06	65.15	65.84	1.60	ppb
Boron	11-1	65.70	68.34	68.55	67.53	2.35	ppb
Cadmium	111-1	52.32	53.59	52.56	52.83	1.28	ppb
Cadmium	106-1	45.50	44.80	45.60	45.30	0.96	ppb
Cadmium	108-1	51.19	50.16	49.42	50.26	1.77	ppb
Calcium	43-1	33976.20	34118.39	33869.49	33988.03	0.37	ppb
Calcium	44-1	34192.31	33840.31	33930.50	33987.71	0.54	ppb
Chromium	52-2	208.92	211.45	211.10	210.49	0.65	ppb
Cobalt	59-2	544.64	550.63	543.48	546.25	0.70	ppb
Copper	63-2	270.02	273.52	274.20	272.58	0.82	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1057.87	1064.68	1064.56	1062.37	0.37	ppb
Iron	57-2	1046.31	1067.75	1102.14	1072.07	2.63	ppb
Lead	206-1	20.42	20.52	20.12	20.36	1.02	ppb
Lead	207-1	19.87	20.19	19.92	19.99	0.87	ppb
Lead	208-1	20.12	20.29	20.09	20.17	0.54	ppb
Lithium	6-1						%
Magnesium	24-2	6827.81	6935.71	6906.13	6889.88	0.81	ppb
Manganese	55-2	925.62	947.44	940.62	937.89	1.19	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-04	Instrumnet Name :	P8
Client Sample ID :	MBDD13S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:39:04	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.03	0.03	16.49	ppb
Molybdenum	95-1	0.02	0.02	0.05	0.03	53.14	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	28.94	ppb
Molybdenum	97-1	0.07	0.08	0.13	0.09	30.85	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	15.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	598.84	601.21	601.07	600.37	0.22	ppb
Phosphorus	31-2	36.81	8.78	23.04	22.88	61.26	ppb
Potassium	39-2	5328.23	5385.68	5296.99	5336.97	0.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	129.30	106.44	100.51	112.08	13.56	ppb
Selenium	78-2	106.16	104.98	117.42	109.52	6.27	ppb
Selenium	82-1	101.67	102.91	102.01	102.20	0.63	ppb
Silicon	28-1	5937.90	5980.88	6057.14	5991.98	1.01	ppb
Silver	109-1	48.40	48.97	48.40	48.59	0.68	ppb
Silver	107-1	48.29	48.78	48.32	48.46	0.56	ppb
Sodium	23-2	42137.85	42880.09	42600.91	42539.62	0.88	ppb
Strontium	86-1	304.09	304.64	306.11	304.95	0.34	ppb
Strontium	88-1	314.11	310.88	316.68	313.89	0.93	ppb
Sulfur	34-1	3345.08	3401.17	3473.87	3406.71	1.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	50.29	50.74	49.88	50.31	0.85	ppb
Thallium	205-1	51.06	51.40	50.93	51.13	0.47	ppb
Tin	118-1	0.04	0.06	0.03	0.04	31.51	ppb
Titanium	47-1	0.23	0.20	0.29	0.24	19.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	520.82	522.89	525.55	523.09	0.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1050.76	1067.15	1066.51	1061.48	0.87	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	12.01	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-04	Instrumnet Name :	P8
Client Sample ID :	MBDD13S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:39:04	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.02	43.13	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:42:10	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49060.93	47571.88	49475.27	48702.70	2.06	ppb
Antimony	121-1	500.84	520.86	492.95	504.88	2.85	ppb
Arsenic	75-2	494.61	493.29	500.13	496.01	0.73	ppb
Barium	135-1	2572.43	2680.36	2557.41	2603.40	2.58	ppb
Barium	137-1	2542.95	2628.45	2518.68	2563.36	2.25	ppb
Beryllium	9-1	494.36	519.14	493.82	502.44	2.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	479.38	527.44	503.19	503.34	4.77	ppb
Boron	11-1	486.30	526.36	499.20	503.96	4.06	ppb
Cadmium	111-1	491.20	510.22	487.24	496.22	2.48	ppb
Cadmium	106-1	493.02	509.93	485.85	496.27	2.49	ppb
Cadmium	108-1	503.27	521.41	498.98	507.89	2.34	ppb
Calcium	43-1	246753.37	259343.08	244747.03	250281.16	3.16	ppb
Calcium	44-1	244509.67	259292.44	243821.89	249208.00	3.51	ppb
Chromium	52-2	508.65	494.41	507.45	503.50	1.57	ppb
Cobalt	59-2	502.23	485.37	496.19	494.60	1.73	ppb
Copper	63-2	1009.67	972.97	1021.99	1001.54	2.55	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123307.82	119664.07	122755.24	121909.04	1.61	ppb
Iron	57-2	125828.46	123053.83	125206.78	124696.36	1.17	ppb
Lead	206-1	514.44	539.61	513.24	522.43	2.85	ppb
Lead	207-1	516.83	539.24	512.56	522.88	2.74	ppb
Lead	208-1	516.81	539.30	513.10	523.07	2.71	ppb
Lithium	6-1						%
Magnesium	24-2	250411.59	242709.06	252727.99	248616.21	2.11	ppb
Manganese	55-2	1003.96	988.75	1010.27	1000.99	1.11	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:42:10	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	509.85	539.37	500.45	516.55	3.93	ppb
Molybdenum	95-1	510.62	537.71	505.82	518.05	3.32	ppb
Molybdenum	96-1	511.95	538.22	511.05	520.41	2.97	ppb
Molybdenum	97-1	491.73	521.56	491.98	501.76	3.42	ppb
Molybdenum	98-1	505.32	534.02	503.58	514.31	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.15	487.30	500.26	497.57	1.85	ppb
Phosphorus	31-2	9841.28	9376.36	9711.14	9642.93	2.49	ppb
Potassium	39-2	126397.21	122624.04	126746.23	125255.83	1.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	452.12	457.06	520.48	476.55	8.00	ppb
Selenium	78-2	476.10	503.04	479.68	486.27	3.01	ppb
Selenium	82-1	491.58	525.41	489.43	502.14	4.02	ppb
Silicon	28-1	475.17	522.50	500.49	499.39	4.74	ppb
Silver	109-1	503.80	519.67	491.93	505.13	2.76	ppb
Silver	107-1	501.69	518.23	493.48	504.47	2.50	ppb
Sodium	23-2	244894.35	240605.59	249422.17	244974.04	1.80	ppb
Strontium	86-1	508.68	535.66	500.95	515.10	3.54	ppb
Strontium	88-1	517.54	551.43	516.78	528.58	3.74	ppb
Sulfur	34-1	9453.18	10856.70	9483.05	9930.98	8.07	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	519.23	540.55	512.25	524.01	2.81	ppb
Thallium	205-1	513.74	539.57	510.83	521.38	3.03	ppb
Tin	118-1	512.61	531.45	501.25	515.10	2.96	ppb
Titanium	47-1	496.59	529.53	494.12	506.75	3.90	ppb
Uranium	238-1	523.07	548.08	516.47	529.21	3.15	ppb
Vanadium	51-2	508.22	494.37	512.11	504.90	1.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	989.97	958.27	988.96	979.07	1.84	ppb
Zirconium	90-1	501.18	530.94	503.67	511.93	3.23	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:42:10	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.39	537.01	504.08	514.49	3.79	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:45:23	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.68	-0.66	-1.86	-1.07		ppb
Antimony	121-1	0.32	0.32	0.33	0.32	2.26	ppb
Arsenic	75-2	-0.06	-0.04	-0.06	-0.05		ppb
Barium	135-1	-0.02	-0.03	-0.04	-0.03		ppb
Barium	137-1	-0.02	0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.02	0.06	0.04	0.04	39.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.87	11.33	11.93	12.05	6.46	ppb
Boron	11-1	13.22	11.84	10.70	11.92	10.60	ppb
Cadmium	111-1	-0.10	-0.05	-0.06	-0.07		ppb
Cadmium	106-1	-1.70	-0.87	-1.01	-1.19		ppb
Cadmium	108-1	-0.11	0.03	0.01	-0.02		ppb
Calcium	43-1	-33.46	-14.80	-14.10	-20.79		ppb
Calcium	44-1	1.76	1.84	-0.85	0.92	166.99	ppb
Chromium	52-2	-0.03	0.04	0.03	0.01	281.69	ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	0.09	0.07	0.09	0.08	13.67	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.83	1.15	0.85	0.94	19.31	ppb
Iron	57-2	0.81	-0.53	-0.94	-0.22		ppb
Lead	206-1	0.02	0.04	0.04	0.03	31.40	ppb
Lead	207-1	0.03	0.03	0.02	0.03	9.14	ppb
Lead	208-1	0.01	0.03	0.02	0.02	33.37	ppb
Lithium	6-1						%
Magnesium	24-2	-5.05	-3.04	-6.03	-4.71		ppb
Manganese	55-2	-0.17	-0.21	-0.11	-0.16		ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:45:23	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.03	0.04	20.53	ppb
Molybdenum	95-1	0.06	0.03	0.05	0.05	32.62	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	35.40	ppb
Molybdenum	97-1	0.08	0.11	0.08	0.09	21.15	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	22.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.26	-0.25	-0.25		ppb
Phosphorus	31-2	25.32	10.05	25.25	20.20	43.54	ppb
Potassium	39-2	-0.12	-7.93	-1.26	-3.10		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	2.60	-1.19	0.07	2958.39	ppb
Selenium	78-2	-0.37	0.30	-0.37	-0.15		ppb
Selenium	82-1	-0.45	0.14	-0.78	-0.36		ppb
Silicon	28-1	-5.71	-8.77	-8.32	-7.60		ppb
Silver	109-1	0.03	0.03	0.04	0.04	13.64	ppb
Silver	107-1	0.04	0.04	0.05	0.04	9.29	ppb
Sodium	23-2	47.45	43.88	39.78	43.70	8.79	ppb
Strontium	86-1	0.02	-0.04	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	244.74	ppb
Sulfur	34-1	-592.82	-685.32	-699.82	-659.32		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.05	0.04	0.04	9.75	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	17.63	ppb
Tin	118-1	0.18	0.17	0.19	0.18	3.76	ppb
Titanium	47-1	-0.02	-0.05	-0.01	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.01	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	0.06	0.25	0.13	81.64	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	0.85	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:45:23	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.03	0.04	26.18	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BL	Instrumnet Name :	P8
Client Sample ID :	PB102193BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:05:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.90	2.77	-1.85	-0.33		ppb
Antimony	121-1	0.03	0.03	0.02	0.03	22.24	ppb
Arsenic	75-2	-0.07	-0.04	-0.02	-0.05		ppb
Barium	135-1	-0.01	-0.02	-0.03	-0.02		ppb
Barium	137-1	-0.03	-0.03	-0.02	-0.03		ppb
Beryllium	9-1	0.01	0.00	0.00	0.01	80.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.03	1.67	1.22	1.64	24.88	ppb
Boron	11-1	2.51	1.94	2.05	2.17	13.88	ppb
Cadmium	111-1	-0.17	-0.11	-0.14	-0.14		ppb
Cadmium	106-1	-2.28	-1.56	-2.11	-1.98		ppb
Cadmium	108-1	-0.05	-0.05	-0.11	-0.07		ppb
Calcium	43-1	-21.33	-19.79	-10.11	-17.07		ppb
Calcium	44-1	-4.13	-2.50	-4.81	-3.81		ppb
Chromium	52-2	0.00	0.05	0.09	0.05	94.38	ppb
Cobalt	59-2	-0.01	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.03	0.05	0.02	0.03	55.31	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.53	0.08	-0.35	-0.27		ppb
Iron	57-2	-2.15	-1.69	-0.18	-1.34		ppb
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	0.00	0.02	0.01	0.01	71.01	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	2245.23	ppb
Lithium	6-1						%
Magnesium	24-2	-2.50	-2.74	-2.80	-2.68		ppb
Manganese	55-2	-0.20	-0.09	-0.12	-0.14		ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BL	Instrumnet Name :	P8
Client Sample ID :	PB102193BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:05:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.00	104.42	ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	16.94	ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.31	-0.31	-0.26	-0.29		ppb
Phosphorus	31-2	9.31	-5.48	10.05	4.63	189.28	ppb
Potassium	39-2	-18.40	-11.70	-5.92	-12.01		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	2.50	2.59	1.30	165.85	ppb
Selenium	78-2	0.19	0.87	0.29	0.45	81.77	ppb
Selenium	82-1	-0.78	-0.72	-0.28	-0.60		ppb
Silicon	28-1	-12.34	-11.72	-14.82	-12.96		ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.73	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.91	ppb
Sodium	23-2	7.81	6.68	10.06	8.19	20.99	ppb
Strontium	86-1	-0.04	-0.02	-0.05	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	289.58	ppb
Sulfur	34-1	-209.78	23.10	-415.88	-200.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.00	149.61	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	97.70	ppb
Tin	118-1	0.03	0.02	0.03	0.03	26.62	ppb
Titanium	47-1	0.03	-0.06	-0.02	-0.02		ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	0.02	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.04	0.03	0.04	0.04	16.18	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	29.19	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BL	Instrumnet Name :	P8
Client Sample ID :	PB102193BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:05:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.01	112.48	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BS	Instrumnet Name :	P8
Client Sample ID :	PB102193BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:08:35	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.82	5.81	1.49	2.16	155.71	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	8.53	ppb
Arsenic	75-2	-0.03	-0.09	-0.04	-0.05		ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.53	2.89	2.52	2.31	30.53	ppb
Boron	11-1	2.21	1.93	1.71	1.95	13.04	ppb
Cadmium	111-1	-0.23	-0.08	-0.13	-0.15		ppb
Cadmium	106-1	-3.32	-1.06	-1.74	-2.04		ppb
Cadmium	108-1	0.01	-0.02	0.01	0.00		ppb
Calcium	43-1	-18.53	-23.04	-5.60	-15.72		ppb
Calcium	44-1	-4.75	-6.15	-4.03	-4.98		ppb
Chromium	52-2	0.05	-0.04	0.09	0.03	227.98	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.01	0.02	0.01	0.01	224.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.45	-0.43	0.09	-0.26		ppb
Iron	57-2	-1.26	-2.57	-3.48	-2.43		ppb
Lead	206-1	491.36	487.86	480.85	486.69	1.10	ppb
Lead	207-1	492.89	491.88	484.35	489.71	0.95	ppb
Lead	208-1	491.68	487.55	483.85	487.69	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	-4.26	-3.59	-1.55	-3.13		ppb
Manganese	55-2	-0.17	-0.25	-0.14	-0.18		ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BS	Instrumnet Name :	P8
Client Sample ID :	PB102193BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:08:35	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.00	447.05	ppb
Molybdenum	95-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.01	0.01	0.03	0.02	60.48	ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.22	-0.26	-0.27		ppb
Phosphorus	31-2	9.01	23.49	24.16	18.89	45.32	ppb
Potassium	39-2	-14.55	-21.07	-18.15	-17.93		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	-1.19	-1.19		ppb
Selenium	78-2	-1.65	0.20	0.18	-0.42		ppb
Selenium	82-1	-0.54	0.00	-1.10	-0.55		ppb
Silicon	28-1	-14.05	-14.57	-15.48	-14.70		ppb
Silver	109-1	0.01	0.01	0.00	0.01	61.27	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.83	ppb
Sodium	23-2	8.16	8.48	10.05	8.89	11.38	ppb
Strontium	86-1	0.01	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.61	ppb
Sulfur	34-1	-389.32	-305.32	-390.35	-361.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	52.83	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	49.87	ppb
Tin	118-1	0.02	0.04	0.03	0.03	20.93	ppb
Titanium	47-1	-0.06	0.00	0.00	-0.02		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	281.07	278.61	294.47	284.72	3.00	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	51.48	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BS	Instrumnet Name :	P8
Client Sample ID :	PB102193BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:08:35	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.00	0.00	749.91	ppb

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : I5179-01 Instrumnet Name : P8
 Client Sample ID : DC14357-01-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 14:11:41 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.86	65.48	63.70	59.01	16.44	ppb
Antimony	121-1	0.16	0.18	0.17	0.17	4.91	ppb
Arsenic	75-2	0.23	0.40	0.19	0.27	39.22	ppb
Barium	135-1	30.99	31.17	31.81	31.32	1.37	ppb
Barium	137-1	31.13	31.21	31.11	31.15	0.18	ppb
Beryllium	9-1	-0.01	-0.03	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.79	10.53	11.33	10.88	3.75	ppb
Boron	11-1	10.33	10.73	10.75	10.60	2.22	ppb
Cadmium	111-1	-0.01	-0.08	-0.10	-0.06		ppb
Cadmium	106-1	-0.43	-1.17	-1.57	-1.05		ppb
Cadmium	108-1	0.20	0.37	0.32	0.30	28.80	ppb
Calcium	43-1	5582.53	5703.65	5807.65	5697.94	1.98	ppb
Calcium	44-1	5667.14	5704.37	5883.43	5751.65	2.01	ppb
Chromium	52-2	0.14	0.14	0.24	0.17	32.40	ppb
Cobalt	59-2	0.37	0.40	0.39	0.38	3.98	ppb
Copper	63-2	290.46	290.58	294.75	291.93	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	115.53	122.31	117.40	118.41	2.96	ppb
Iron	57-2	117.48	120.49	113.43	117.13	3.02	ppb
Lead	206-1	13.73	13.73	13.61	13.69	0.48	ppb
Lead	207-1	12.85	12.87	12.79	12.84	0.30	ppb
Lead	208-1	13.29	13.32	13.26	13.29	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	1151.64	1162.88	1168.95	1161.16	0.76	ppb
Manganese	55-2	93.73	94.18	94.46	94.12	0.39	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-01	Instrumnet Name :	P8
Client Sample ID :	DC14357-01-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:11:41	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.05	0.06	0.07	25.96	ppb
Molybdenum	95-1	0.04	0.02	0.01	0.02	56.19	ppb
Molybdenum	96-1	0.03	0.05	0.02	0.03	43.51	ppb
Molybdenum	97-1	0.07	0.04	0.04	0.05	33.43	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	33.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.53	31.53	33.36	32.47	2.83	ppb
Phosphorus	31-2	528.06	436.80	541.15	502.00	11.32	ppb
Potassium	39-2	479.23	494.78	491.81	488.61	1.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.28	2.07	2.07	3.14	58.98	ppb
Selenium	78-2	1.11	-1.09	-1.65	-0.54		ppb
Selenium	82-1	0.30	0.27	-0.58	0.00		ppb
Silicon	28-1	819.94	822.95	838.87	827.25	1.23	ppb
Silver	109-1	0.03	0.03	0.05	0.04	21.13	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.47	ppb
Sodium	23-2	9979.66	10110.64	10232.24	10107.51	1.25	ppb
Strontium	86-1	18.64	18.52	18.75	18.64	0.64	ppb
Strontium	88-1	18.87	19.08	19.02	18.99	0.57	ppb
Sulfur	34-1	-390.90	-231.46	-67.50	-229.95		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	25.77	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	40.96	ppb
Tin	118-1	0.74	0.75	0.74	0.74	0.44	ppb
Titanium	47-1	2.89	1.81	1.75	2.15	29.70	ppb
Uranium	238-1	0.01	0.02	0.01	0.02	11.81	ppb
Vanadium	51-2	0.13	0.11	0.10	0.12	12.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	765.32	761.94	778.69	768.65	1.15	ppb
Zirconium	90-1	0.22	0.09	0.10	0.14	49.46	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-01	Instrumnet Name :	P8
Client Sample ID :	DC14357-01-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:11:41	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.07	0.08	12.00	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-02	Instrumnet Name :	P8
Client Sample ID :	DC14357-02-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:14:48	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.63	2.32	8.55	6.83	57.73	ppb
Antimony	121-1	0.06	0.05	0.07	0.06	13.67	ppb
Arsenic	75-2	0.20	0.17	0.39	0.25	46.18	ppb
Barium	135-1	15.40	15.17	15.78	15.45	1.98	ppb
Barium	137-1	15.11	15.32	15.10	15.18	0.82	ppb
Beryllium	9-1	-0.01	-0.02	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.68	6.73	5.96	5.79	17.90	ppb
Boron	11-1	5.34	5.64	5.58	5.52	2.90	ppb
Cadmium	111-1	-0.08	-0.16	-0.07	-0.10		ppb
Cadmium	106-1	-1.13	-2.27	-0.94	-1.44		ppb
Cadmium	108-1	-0.06	-0.01	0.03	-0.01		ppb
Calcium	43-1	5412.61	5431.07	5411.69	5418.46	0.20	ppb
Calcium	44-1	5573.17	5599.54	5584.22	5585.65	0.24	ppb
Chromium	52-2	-0.08	-0.02	0.01	-0.03		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	415.34	ppb
Copper	63-2	13.38	13.80	13.25	13.48	2.14	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.98	24.80	21.74	22.84	7.46	ppb
Iron	57-2	23.77	28.96	24.32	25.68	11.09	ppb
Lead	206-1	0.32	0.29	0.29	0.30	4.33	ppb
Lead	207-1	0.34	0.35	0.33	0.34	2.18	ppb
Lead	208-1	0.32	0.32	0.31	0.32	2.14	ppb
Lithium	6-1						%
Magnesium	24-2	1135.64	1115.30	1084.35	1111.76	2.32	ppb
Manganese	55-2	18.02	19.08	18.01	18.37	3.35	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-02	Instrumnet Name :	P8
Client Sample ID :	DC14357-02-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:14:48	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.06	0.06	17.36	ppb
Molybdenum	95-1	0.01	0.00	0.03	0.01	89.80	ppb
Molybdenum	96-1	0.02	0.02	0.04	0.02	47.22	ppb
Molybdenum	97-1	0.07	0.06	0.03	0.05	36.56	ppb
Molybdenum	98-1	0.01	0.03	0.01	0.02	34.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.02	0.12	0.08	69.80	ppb
Phosphorus	31-2	713.49	583.65	670.52	655.89	10.09	ppb
Potassium	39-2	499.86	494.21	496.61	496.90	0.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	-1.19	-1.19		ppb
Selenium	78-2	-1.08	0.63	0.09	-0.12		ppb
Selenium	82-1	-0.15	-0.18	-0.26	-0.20		ppb
Silicon	28-1	761.44	774.10	759.93	765.16	1.02	ppb
Silver	109-1	0.00	0.01	0.00	0.01	45.45	ppb
Silver	107-1	0.00	0.01	0.00	0.01	49.73	ppb
Sodium	23-2	10081.57	10177.53	10002.36	10087.15	0.87	ppb
Strontium	86-1	17.33	17.39	17.76	17.49	1.32	ppb
Strontium	88-1	18.11	17.97	17.96	18.01	0.48	ppb
Sulfur	34-1	-177.48	-291.01	-157.93	-208.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	78.89	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	87.94	ppb
Tin	118-1	-0.06	-0.06	-0.06	-0.06		ppb
Titanium	47-1	0.29	0.27	0.35	0.30	14.17	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	18.80	ppb
Vanadium	51-2	0.13	0.07	0.10	0.10	30.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.29	5.33	5.04	5.22	2.96	ppb
Zirconium	90-1	0.08	0.07	0.05	0.07	17.99	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-02	Instrumnet Name :	P8
Client Sample ID :	DC14357-02-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:14:48	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.04	0.06	26.42	ppb

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : I5179-03 Instrumnet Name : P8
 Client Sample ID : DC14357-03-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 14:17:55 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.97	9.93	18.03	13.64	29.98	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	9.67	ppb
Arsenic	75-2	0.24	0.15	0.38	0.26	44.95	ppb
Barium	135-1	16.03	15.54	15.11	15.56	2.95	ppb
Barium	137-1	15.51	15.03	15.25	15.26	1.57	ppb
Beryllium	9-1	-0.02	-0.06	0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.67	4.98	5.90	5.18	12.36	ppb
Boron	11-1	5.58	5.61	5.75	5.65	1.59	ppb
Cadmium	111-1	-0.15	-0.16	-0.08	-0.13		ppb
Cadmium	106-1	-2.15	-2.44	-1.19	-1.93		ppb
Cadmium	108-1	-0.09	-0.11	-0.11	-0.10		ppb
Calcium	43-1	5512.62	5521.92	5605.98	5546.84	0.93	ppb
Calcium	44-1	5590.11	5669.04	5626.96	5628.70	0.70	ppb
Chromium	52-2	0.13	-0.05	0.06	0.05	191.16	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	10.88	10.72	11.73	11.11	4.87	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.69	22.35	24.11	22.71	5.51	ppb
Iron	57-2	16.84	22.90	29.48	23.07	27.40	ppb
Lead	206-1	0.24	0.27	0.26	0.26	5.91	ppb
Lead	207-1	0.29	0.25	0.24	0.26	8.83	ppb
Lead	208-1	0.27	0.26	0.25	0.26	4.16	ppb
Lithium	6-1						%
Magnesium	24-2	1141.85	1135.26	1250.19	1175.77	5.49	ppb
Manganese	55-2	17.47	17.69	18.52	17.89	3.08	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-03	Instrumnet Name :	P8
Client Sample ID :	DC14357-03-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:17:55	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.07	0.06	15.34	ppb
Molybdenum	95-1	0.02	0.02	0.04	0.03	48.46	ppb
Molybdenum	96-1	0.02	0.03	0.01	0.02	41.16	ppb
Molybdenum	97-1	0.07	0.06	0.09	0.07	14.63	ppb
Molybdenum	98-1	0.01	0.03	0.01	0.02	53.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	-0.06	-0.03		ppb
Phosphorus	31-2	567.52	475.91	991.16	678.20	40.53	ppb
Potassium	39-2	508.82	479.86	547.52	512.07	6.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.19	-1.19	-1.19	-1.19		ppb
Selenium	78-2	-1.65	-1.07	-0.37	-1.03		ppb
Selenium	82-1	0.11	-0.31	0.50	0.10	416.35	ppb
Silicon	28-1	781.25	774.62	769.18	775.02	0.78	ppb
Silver	109-1	0.00	0.00	0.01	0.00	48.89	ppb
Silver	107-1	0.00	0.01	0.01	0.01	35.96	ppb
Sodium	23-2	10145.11	10195.33	10974.65	10438.36	4.46	ppb
Strontium	86-1	17.78	17.61	18.00	17.80	1.08	ppb
Strontium	88-1	18.58	18.31	18.22	18.37	1.01	ppb
Sulfur	34-1	-54.52	-48.82	-189.69	-97.68		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.01	47.69	ppb
Tin	118-1	-0.05	-0.08	-0.03	-0.05		ppb
Titanium	47-1	0.42	0.17	0.20	0.26	51.76	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	105.68	ppb
Vanadium	51-2	0.08	0.06	0.10	0.08	26.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.62	2.66	3.60	3.30	16.62	ppb
Zirconium	90-1	0.08	0.05	0.07	0.07	20.18	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-03	Instrumnet Name :	P8
Client Sample ID :	DC14357-03-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:17:55	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.05	0.06	14.41	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:21:02	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48528.63	49747.98	49666.75	49314.45	1.38	ppb
Antimony	121-1	505.68	513.12	505.58	508.13	0.85	ppb
Arsenic	75-2	491.67	498.56	495.09	495.11	0.70	ppb
Barium	135-1	2574.39	2591.24	2575.77	2580.47	0.36	ppb
Barium	137-1	2542.36	2583.47	2536.27	2554.03	1.01	ppb
Beryllium	9-1	506.26	521.29	519.45	515.67	1.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	516.36	524.45	531.12	523.98	1.41	ppb
Boron	11-1	513.65	529.52	528.56	523.91	1.70	ppb
Cadmium	111-1	493.17	498.56	490.54	494.09	0.83	ppb
Cadmium	106-1	496.98	508.71	493.52	499.74	1.59	ppb
Cadmium	108-1	500.67	515.71	494.54	503.64	2.16	ppb
Calcium	43-1	248417.61	248952.01	251166.79	249512.13	0.58	ppb
Calcium	44-1	245671.22	249190.23	248769.77	247877.07	0.78	ppb
Chromium	52-2	495.04	506.37	509.26	503.56	1.49	ppb
Cobalt	59-2	485.64	497.20	497.37	493.40	1.36	ppb
Copper	63-2	979.96	981.40	1003.28	988.21	1.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120176.54	122765.39	122874.15	121938.69	1.25	ppb
Iron	57-2	121948.00	125509.08	124489.87	123982.32	1.48	ppb
Lead	206-1	513.75	518.71	524.92	519.13	1.08	ppb
Lead	207-1	512.00	519.46	521.60	517.69	0.97	ppb
Lead	208-1	513.92	518.89	524.89	519.23	1.06	ppb
Lithium	6-1						%
Magnesium	24-2	244573.08	253033.66	249142.81	248916.52	1.70	ppb
Manganese	55-2	997.26	1019.26	1020.07	1012.20	1.28	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:21:02	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.60	514.20	506.44	509.75	0.79	ppb
Molybdenum	95-1	509.14	525.47	507.74	514.12	1.92	ppb
Molybdenum	96-1	506.96	511.41	509.43	509.27	0.44	ppb
Molybdenum	97-1	495.64	502.66	494.06	497.46	0.92	ppb
Molybdenum	98-1	504.70	512.34	508.04	508.36	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.29	497.60	498.29	494.73	1.13	ppb
Phosphorus	31-2	10028.04	9798.10	10013.91	9946.68	1.30	ppb
Potassium	39-2	125496.31	128138.44	125182.00	126272.25	1.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	446.07	498.60	360.83	435.17	15.98	ppb
Selenium	78-2	510.40	521.84	505.53	512.59	1.63	ppb
Selenium	82-1	491.50	500.78	485.37	492.55	1.57	ppb
Silicon	28-1	486.91	501.44	514.96	501.10	2.80	ppb
Silver	109-1	504.57	507.47	502.15	504.73	0.53	ppb
Silver	107-1	504.72	510.45	504.20	506.46	0.68	ppb
Sodium	23-2	244826.07	250633.04	248468.24	247975.78	1.18	ppb
Strontium	86-1	510.28	510.44	504.13	508.28	0.71	ppb
Strontium	88-1	520.20	519.73	521.52	520.48	0.18	ppb
Sulfur	34-1	9735.71	10222.80	10248.26	10068.92	2.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	514.34	513.08	520.23	515.88	0.74	ppb
Thallium	205-1	508.23	511.94	521.88	514.02	1.37	ppb
Tin	118-1	514.12	520.79	507.66	514.19	1.28	ppb
Titanium	47-1	505.51	504.72	509.25	506.49	0.48	ppb
Uranium	238-1	513.56	524.22	521.88	519.89	1.08	ppb
Vanadium	51-2	497.44	509.87	506.43	504.58	1.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	959.58	998.62	986.56	981.59	2.04	ppb
Zirconium	90-1	505.57	512.45	508.25	508.76	0.68	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:21:02	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.36	517.28	508.33	512.66	0.87	ppb

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : CCB94 Instrumnet Name : P8
 Client Sample ID : CCB94 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 14:24:02 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.87	-1.88	-0.72	-1.49		ppb
Antimony	121-1	0.28	0.32	0.28	0.29	7.41	ppb
Arsenic	75-2	-0.09	-0.09	-0.10	-0.09		ppb
Barium	135-1	-0.01	-0.01	-0.05	-0.02		ppb
Barium	137-1	-0.03	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.08	0.12	0.09	0.09	20.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.39	10.39	7.87	9.88	18.33	ppb
Boron	11-1	10.37	10.60	8.98	9.99	8.82	ppb
Cadmium	111-1	-0.07	-0.06	-0.12	-0.08		ppb
Cadmium	106-1	-1.17	-1.09	-1.84	-1.36		ppb
Cadmium	108-1	-0.05	-0.11	-0.05	-0.07		ppb
Calcium	43-1	-27.59	-34.46	-13.04	-25.03		ppb
Calcium	44-1	-2.85	8.56	-1.69	1.34	469.48	ppb
Chromium	52-2	-0.05	-0.02	0.10	0.01	901.60	ppb
Cobalt	59-2	-0.01	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.04	0.03	0.00	0.02	94.78	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.95	1.08	0.86	0.97	11.31	ppb
Iron	57-2	-0.32	-1.72	0.69	-0.45		ppb
Lead	206-1	0.04	0.04	0.03	0.04	9.87	ppb
Lead	207-1	0.06	0.05	0.03	0.05	33.75	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.54	ppb
Lithium	6-1						%
Magnesium	24-2	-3.94	-4.46	-3.95	-4.12		ppb
Manganese	55-2	-0.17	-0.15	-0.18	-0.17		ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:24:02	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.04	0.04	7.98	ppb
Molybdenum	95-1	0.06	0.06	0.04	0.05	18.78	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	19.50	ppb
Molybdenum	97-1	0.12	0.06	0.08	0.09	32.14	ppb
Molybdenum	98-1	0.04	0.05	0.03	0.04	19.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.32	-0.27	-0.30		ppb
Phosphorus	31-2	24.91	9.61	-5.48	9.68	156.93	ppb
Potassium	39-2	-10.95	-1.75	-1.88	-4.86		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.48	-1.19	-1.19	0.03	6536.87	ppb
Selenium	78-2	-1.02	0.23	-1.65	-0.81		ppb
Selenium	82-1	0.70	0.44	0.23	0.46	50.99	ppb
Silicon	28-1	-7.06	-4.45	-9.50	-7.00		ppb
Silver	109-1	0.03	0.02	0.01	0.02	39.48	ppb
Silver	107-1	0.02	0.02	0.02	0.02	16.02	ppb
Sodium	23-2	54.47	47.57	48.41	50.15	7.51	ppb
Strontium	86-1	-0.03	0.02	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	100.08	ppb
Sulfur	34-1	-802.43	-10.05	-679.06	-497.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.11	0.09	0.10	9.68	ppb
Thallium	205-1	0.12	0.11	0.10	0.11	9.43	ppb
Tin	118-1	0.22	0.23	0.19	0.21	9.07	ppb
Titanium	47-1	-0.02	-0.03	-0.05	-0.04		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	175.84	ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.23	-0.04	0.09	-0.06		ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	7.94	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:24:02	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	-0.01	0.03	107.46	ppb

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 11:56:04	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	50	22	114.56	cps
Antimony	121-1	92	108	42	81	43.07	cps
Arsenic	75-2	6	13	19	12	52.66	cps
Barium	135-1	192	125	83	133	40.98	cps
Barium	137-1	192	133	200	175	20.76	cps
Beryllium	9-1	111	167	117	131	23.27	cps
Bismuth	209-1	5075596	5052893	5098889	5075793	0.45	cps
Bismuth	209-2	1656620	1471065	1656818	1594834	6.72	cps
Boron	10-1	200	192	225	206	8.44	cps
Boron	11-1	792	783	800	792	1.05	cps
Cadmium	111-1	1538	1468	1558	1521	3.10	cps
Cadmium	106-1	2184	2109	2209	2167	2.40	cps
Cadmium	108-1	17	29	13	19	44.61	cps
Calcium	43-1	2359	2134	2175	2222	5.39	cps
Calcium	44-1	36490	36657	37200	36783	1.01	cps
Chromium	52-2	677	737	803	739	8.58	cps
Cobalt	59-2	80	77	67	74	9.32	cps
Copper	63-2	267	167	217	217	23.08	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	42	50	36	48.03	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	125	100	67	97	30.10	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	8738243	8675919	8750400	8721521	0.46	cps
Holmium	165-2	2226159	1960511	2214418	2133696	7.03	cps
Indium	115-1	8210886	8053170	8177518	8147192	1.02	cps
Indium	115-2	412424	365478	410823	396242	6.73	cps
Iron	56-2	2884	2623	2945	2817	6.08	cps
Iron	57-2	128	106	78	104	24.16	cps
Lead	206-1	456	433	511	467	8.58	cps
Lead	207-1	394	356	439	396	10.52	cps
Lead	208-1	1939	1828	1878	1882	2.96	cps
Lithium	6-1	884554	918385	896290	899743	1.91	cps
Magnesium	24-2	375	342	433	383	12.10	cps
Manganese	55-2	113	117	150	127	16.00	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 11:56:04	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	267	325	269	20.12	cps
Molybdenum	95-1	150	75	100	108	35.25	cps
Molybdenum	96-1	342	408	192	314	35.35	cps
Molybdenum	97-1	67	133	67	89	43.30	cps
Molybdenum	98-1	183	233	233	217	13.33	cps
Neodymium	150-1	33	33	13	27	43.31	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	327	373	307	336	10.20	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	3709	3067	3517	3431	9.60	cps
Rhodium	103-1	7676184	7665947	7694363	7678831	0.19	cps
Rhodium	103-2	2144078	1916183	2169807	2076689	6.72	cps
Scandium	45-1	4473122	4469349	4476085	4472852	0.08	cps
Scandium	45-2	43731	39584	43628	42314	5.59	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	7	5	57.32	cps
Selenium	82-1	-90	-98	-133	-107	-21.53	cps
Silicon	28-1	444069	446696	440099	443622	0.75	cps
Silver	109-1	58	67	92	72	24.02	cps
Silver	107-1	25	27	33	28	15.56	cps
Sodium	23-2	3367	3442	3209	3339	3.57	cps
Strontium	86-1	1033	1050	1033	1039	0.93	cps
Strontium	88-1	267	325	283	292	10.30	cps
Sulfur	34-1	357275	359854	359143	358757	0.37	cps
Terbium	159-1	9301692	9222721	9271685	9265366	0.43	cps
Terbium	159-2	2181244	1954549	2176300	2104031	6.15	cps
Thallium	203-1	58	117	92	89	32.92	cps
Thallium	205-1	108	108	200	139	38.10	cps
Tin	118-1	883	817	808	836	4.92	cps
Titanium	47-1	183	175	217	192	11.50	cps
Uranium	238-1	158	183	167	169	7.51	cps
Vanadium	51-2	23	20	13	19	26.96	cps
Yttrium	89-1	8952217	8868433	8909645	8910098	0.47	cps
Yttrium	89-2	308219	271807	305800	295275	6.90	cps
Zinc	66-2	37	60	57	51	24.69	cps
Zirconium	90-1	558	525	517	533	4.13	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 11:56:04	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	183	100	142	29.41	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:06:17	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	167	225	189	16.70	cps
Antimony	121-1	17137	16911	17529	17192	1.82	cps
Arsenic	75-2	137	104	115	119	14.32	cps
Barium	135-1	17270	16878	17153	17101	1.18	cps
Barium	137-1	30411	30093	29484	29996	1.57	cps
Beryllium	9-1	1022	1017	1139	1059	6.52	cps
Bismuth	209-1	5045534	4774824	5043008	4954455	3.14	cps
Bismuth	209-2	1672352	1663222	1634451	1656675	1.19	cps
Boron	10-1	2759	3142	2942	2948	6.51	cps
Boron	11-1	13348	13724	13490	13521	1.40	cps
Cadmium	111-1	3230	3383	3454	3356	3.42	cps
Cadmium	106-1	2159	2259	2375	2264	4.79	cps
Cadmium	108-1	104	146	138	129	17.07	cps
Calcium	43-1	11222	10538	10980	10913	3.18	cps
Calcium	44-1	179807	181476	179814	180366	0.53	cps
Chromium	52-2	2667	2897	2844	2803	4.30	cps
Cobalt	59-2	1917	2134	2024	2025	5.35	cps
Copper	63-2	3737	4057	3881	3892	4.12	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	133	158	92	128	26.36	cps
Gadolinium	160-2	13	20	27	20	33.35	cps
Holmium	165-1	8815003	8161478	8472925	8483135	3.85	cps
Holmium	165-2	2214307	2186135	2142626	2181023	1.66	cps
Indium	115-1	8316552	7712529	7984531	8004537	3.78	cps
Indium	115-2	418867	419876	409034	415926	1.44	cps
Iron	56-2	34504	33446	33719	33890	1.62	cps
Iron	57-2	717	711	783	737	5.45	cps
Lead	206-1	5535	5462	5346	5448	1.75	cps
Lead	207-1	4979	5262	5279	5173	3.26	cps
Lead	208-1	22275	23059	22425	22586	1.84	cps
Lithium	6-1	936287	886609	907358	910085	2.74	cps
Magnesium	24-2	15668	16510	16418	16199	2.85	cps
Manganese	55-2	430	407	430	422	3.19	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:06:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15209	15601	15226	15345	1.45	cps
Molybdenum	95-1	17779	18063	18730	18191	2.68	cps
Molybdenum	96-1	20057	20066	20174	20099	0.32	cps
Molybdenum	97-1	11572	11547	11272	11464	1.45	cps
Molybdenum	98-1	28765	27980	28498	28414	1.41	cps
Neodymium	150-1	13	27	33	24	41.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1010	967	907	961	5.40	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	13248	13582	13140	13323	1.73	cps
Rhodium	103-1	7675520	7287993	7535444	7499652	2.62	cps
Rhodium	103-2	2145940	2143302	2116416	2135219	0.77	cps
Scandium	45-1	4590969	4278721	4530771	4466820	3.71	cps
Scandium	45-2	45808	44905	44928	45214	1.14	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	11	17	20	16	29.04	cps
Selenium	82-1	557	471	578	535	10.63	cps
Silicon	28-1	476539	487293	477488	480440	1.24	cps
Silver	109-1	11897	11247	11097	11414	3.73	cps
Silver	107-1	4859	4756	4706	4773	1.64	cps
Sodium	23-2	42079	41253	42732	42021	1.76	cps
Strontium	86-1	3351	3826	3242	3473	8.94	cps
Strontium	88-1	22252	22269	21409	21977	2.24	cps
Sulfur	34-1	362189	361903	363354	362482	0.21	cps
Terbium	159-1	9197264	8664482	9085694	8982480	3.13	cps
Terbium	159-2	2203464	2160830	2137680	2167324	1.54	cps
Thallium	203-1	5593	5760	5543	5632	2.02	cps
Thallium	205-1	13032	13283	12582	12966	2.74	cps
Tin	118-1	29801	30118	30135	30018	0.63	cps
Titanium	47-1	5126	4784	4751	4887	4.25	cps
Uranium	238-1	14801	14926	14801	14843	0.49	cps
Vanadium	51-2	3467	3524	3454	3482	1.07	cps
Yttrium	89-1	8895311	8388208	8825130	8702883	3.16	cps
Yttrium	89-2	314120	317055	304383	311852	2.13	cps
Zinc	66-2	403	363	483	417	14.66	cps
Zirconium	90-1	13349	12907	13482	13246	2.27	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:06:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2850	3192	2842	2962	6.75	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:09:45	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7527	6710	7227	7155	5.78	cps
Antimony	121-1	482805	478167	477006	479326	0.64	cps
Arsenic	75-2	6179	6416	6352	6316	1.94	cps
Barium	135-1	487626	480087	481405	483040	0.83	cps
Barium	137-1	833770	829403	829422	830865	0.30	cps
Beryllium	9-1	58380	57800	58335	58172	0.56	cps
Bismuth	209-1	5022909	5000391	5091486	5038262	0.94	cps
Bismuth	209-2	1669697	1615756	1680417	1655290	2.09	cps
Boron	10-1	6452	6885	6669	6669	3.25	cps
Boron	11-1	30675	30934	31335	30981	1.07	cps
Cadmium	111-1	109194	108519	108313	108675	0.42	cps
Cadmium	106-1	13199	13232	12715	13048	2.22	cps
Cadmium	108-1	7202	7823	7648	7558	4.24	cps
Calcium	43-1	100374	97892	101424	99897	1.82	cps
Calcium	44-1	1655547	1695285	1684264	1678365	1.22	cps
Chromium	52-2	52401	52458	52157	52339	0.31	cps
Cobalt	59-2	107275	107648	107581	107502	0.18	cps
Copper	63-2	186240	184874	183767	184960	0.67	cps
Dysprosium	156-1	42	8	8	19	99.00	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	75	125	75	92	31.50	cps
Gadolinium	160-2	13	20	13	16	24.76	cps
Holmium	165-1	8634074	8640422	8560842	8611779	0.51	cps
Holmium	165-2	2203515	2147192	2214005	2188237	1.64	cps
Indium	115-1	8075496	8133232	8098334	8102354	0.36	cps
Indium	115-2	412404	398295	415503	408734	2.24	cps
Iron	56-2	1760553	1760052	1740089	1753565	0.67	cps
Iron	57-2	43541	44438	43017	43665	1.65	cps
Lead	206-1	238280	235394	238827	237500	0.78	cps
Lead	207-1	214565	209028	214341	212645	1.47	cps
Lead	208-1	961238	949009	966359	958868	0.93	cps
Lithium	6-1	916071	919449	927545	921021	0.64	cps
Magnesium	24-2	177132	179300	176887	177773	0.75	cps
Manganese	55-2	29461	29588	28787	29279	1.47	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:09:45	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	384461	387581	384405	385482	0.47	cps
Molybdenum	95-1	209839	207140	208707	208562	0.65	cps
Molybdenum	96-1	264975	264646	266665	265429	0.41	cps
Molybdenum	97-1	128586	130069	129531	129395	0.58	cps
Molybdenum	98-1	332422	336774	331862	333686	0.81	cps
Neodymium	150-1	27	33	67	42	50.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	31155	31740	31974	31623	1.33	cps
Phosphorus	31-2	533	625	542	567	8.95	cps
Potassium	39-2	60062	61016	58807	59962	1.85	cps
Rhodium	103-1	7553605	7589204	7534423	7559077	0.37	cps
Rhodium	103-2	2140596	2079332	2148461	2122796	1.78	cps
Scandium	45-1	4518328	4517524	4511354	4515735	0.08	cps
Scandium	45-2	44922	43337	44955	44405	2.08	cps
Selenium	77-2	83	43	33	53	49.62	cps
Selenium	78-2	144	131	178	151	15.79	cps
Selenium	82-1	6745	6651	6588	6661	1.19	cps
Silicon	28-1	670846	672934	676290	673357	0.41	cps
Silver	109-1	504205	492446	490245	495632	1.51	cps
Silver	107-1	207246	203864	203368	204826	1.03	cps
Sodium	23-2	442796	438667	440057	440507	0.48	cps
Strontium	86-1	140070	139312	140425	139936	0.41	cps
Strontium	88-1	1195556	1189844	1208837	1198079	0.81	cps
Sulfur	34-1	402371	399682	400616	400890	0.34	cps
Terbium	159-1	9232081	9197872	9151833	9193929	0.44	cps
Terbium	159-2	2157997	2084907	2157474	2133460	1.97	cps
Thallium	203-1	295922	292588	291845	293451	0.74	cps
Thallium	205-1	699949	703292	702525	701922	0.25	cps
Tin	118-1	336781	337932	332593	335769	0.84	cps
Titanium	47-1	54432	53838	55703	54658	1.74	cps
Uranium	238-1	864992	856766	866190	862650	0.59	cps
Vanadium	51-2	38005	38439	37744	38063	0.92	cps
Yttrium	89-1	8759633	8752402	8853218	8788417	0.64	cps
Yttrium	89-2	311887	297684	312501	307357	2.73	cps
Zinc	66-2	17198	17378	17001	17192	1.10	cps
Zirconium	90-1	750271	748611	753240	750708	0.31	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:09:45	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	164003	164272	164795	164356	0.24	cps

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 12:13:14 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17178	18204	18196	17859	3.30	cps
Antimony	121-1	1208685	1197374	1200467	1202175	0.49	cps
Arsenic	75-2	15505	15433	15357	15432	0.48	cps
Barium	135-1	1209641	1203074	1212222	1208312	0.39	cps
Barium	137-1	2096216	2099348	2115541	2103702	0.49	cps
Beryllium	9-1	143289	142033	143081	142801	0.47	cps
Bismuth	209-1	5057364	5067598	5047654	5057539	0.20	cps
Bismuth	209-2	1667990	1658356	1663821	1663389	0.29	cps
Boron	10-1	15426	16251	17228	16302	5.53	cps
Boron	11-1	75440	74418	77426	75761	2.02	cps
Cadmium	111-1	268173	265829	267057	267020	0.44	cps
Cadmium	106-1	29266	29166	28464	28965	1.51	cps
Cadmium	108-1	18742	19097	18868	18902	0.95	cps
Calcium	43-1	242960	242825	240995	242260	0.45	cps
Calcium	44-1	4048990	4011763	4042261	4034338	0.49	cps
Chromium	52-2	128331	127339	126175	127282	0.85	cps
Cobalt	59-2	265233	265116	263323	264557	0.40	cps
Copper	63-2	454995	455523	455081	455200	0.06	cps
Dysprosium	156-1	67	8	33	36	81.06	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	150	83	175	136	34.81	cps
Gadolinium	160-2	23	17	20	20	16.65	cps
Holmium	165-1	8643849	8738366	8674535	8685583	0.56	cps
Holmium	165-2	2179305	2160939	2188526	2176257	0.65	cps
Indium	115-1	8015704	7903085	7953229	7957339	0.71	cps
Indium	115-2	400581	407173	407926	405226	1.00	cps
Iron	56-2	4333624	4312582	4269505	4305237	0.76	cps
Iron	57-2	108699	107675	107248	107874	0.69	cps
Lead	206-1	596587	589295	598914	594932	0.84	cps
Lead	207-1	540119	539723	541127	540323	0.13	cps
Lead	208-1	2428535	2418081	2422354	2422990	0.22	cps
Lithium	6-1	906610	909431	936454	917498	1.80	cps
Magnesium	24-2	443349	438988	440313	440883	0.51	cps
Manganese	55-2	72430	71318	71710	71819	0.79	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:13:14	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	977354	973094	978105	976184	0.28	cps
Molybdenum	95-1	520725	518331	524611	521222	0.61	cps
Molybdenum	96-1	662989	660066	665086	662714	0.38	cps
Molybdenum	97-1	320434	321054	322125	321204	0.27	cps
Molybdenum	98-1	834091	832106	832076	832758	0.14	cps
Neodymium	150-1	80	127	73	93	31.13	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	78265	77320	77447	77677	0.66	cps
Phosphorus	31-2	1317	1225	1375	1306	5.79	cps
Potassium	39-2	143130	141354	140875	141786	0.84	cps
Rhodium	103-1	7435498	7405460	7448314	7429757	0.30	cps
Rhodium	103-2	2075791	2084409	2063578	2074593	0.50	cps
Scandium	45-1	4427202	4448718	4444215	4440045	0.26	cps
Scandium	45-2	43999	44577	44216	44264	0.66	cps
Selenium	77-2	150	107	97	118	24.07	cps
Selenium	78-2	426	393	380	399	5.98	cps
Selenium	82-1	16761	16617	16618	16665	0.50	cps
Silicon	28-1	926127	886074	916577	909593	2.30	cps
Silver	109-1	1237459	1230159	1226447	1231355	0.46	cps
Silver	107-1	509223	507240	506559	507674	0.27	cps
Sodium	23-2	1102585	1104261	1109884	1105577	0.35	cps
Strontium	86-1	343826	340518	343188	342511	0.51	cps
Strontium	88-1	2963228	2985915	2994232	2981125	0.54	cps
Sulfur	34-1	446319	436596	436652	439855	1.27	cps
Terbium	159-1	9099846	9223366	9205176	9176130	0.73	cps
Terbium	159-2	2123420	2154211	2143946	2140526	0.73	cps
Thallium	203-1	745530	747600	744778	745970	0.20	cps
Thallium	205-1	1778894	1774993	1801742	1785210	0.81	cps
Tin	118-1	843317	829946	834150	835804	0.82	cps
Titanium	47-1	135172	132825	132791	133596	1.02	cps
Uranium	238-1	2247427	2249889	2242797	2246705	0.16	cps
Vanadium	51-2	95016	94888	94059	94655	0.55	cps
Yttrium	89-1	8699267	8724858	8780062	8734729	0.47	cps
Yttrium	89-2	303577	308689	305869	306045	0.84	cps
Zinc	66-2	42010	42411	41165	41862	1.52	cps
Zirconium	90-1	1901315	1917591	1903185	1907364	0.47	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:13:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417415	409902	410984	412767	0.98	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:16:37	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34568	33942	35930	34813	2.92	cps
Antimony	121-1	2402564	2415568	2393924	2404019	0.45	cps
Arsenic	75-2	29710	29801	30266	29926	1.00	cps
Barium	135-1	2397184	2424954	2402097	2408078	0.62	cps
Barium	137-1	4080489	4157207	4152367	4130021	1.04	cps
Beryllium	9-1	276882	277731	274720	276445	0.56	cps
Bismuth	209-1	4938498	5100946	5042174	5027206	1.64	cps
Bismuth	209-2	1605335	1615602	1621848	1614262	0.52	cps
Boron	10-1	30826	31761	33423	32003	4.11	cps
Boron	11-1	148798	149655	151341	149931	0.86	cps
Cadmium	111-1	517471	519374	516723	517856	0.26	cps
Cadmium	106-1	56135	56017	54243	55465	1.91	cps
Cadmium	108-1	36165	36107	35802	36025	0.54	cps
Calcium	43-1	467212	470530	465163	467635	0.58	cps
Calcium	44-1	7705150	7838126	7765944	7769740	0.86	cps
Chromium	52-2	245137	244048	247235	245473	0.66	cps
Cobalt	59-2	504878	506011	508221	506370	0.34	cps
Copper	63-2	866476	866646	875652	869591	0.60	cps
Dysprosium	156-1	58	33	67	53	32.88	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	25	8	50	28	75.51	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	75	83	92	83	10.00	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	8621137	8765943	8528871	8638650	1.38	cps
Holmium	165-2	2131682	2127906	2154626	2138071	0.68	cps
Indium	115-1	7862659	7878341	7754421	7831807	0.86	cps
Indium	115-2	392176	385979	393918	390691	1.07	cps
Iron	56-2	8148536	8090669	8224940	8154715	0.83	cps
Iron	57-2	207961	206614	206869	207148	0.35	cps
Lead	206-1	1174864	1191745	1184043	1183551	0.71	cps
Lead	207-1	1062549	1065950	1066119	1064873	0.19	cps
Lead	208-1	4853571	4888450	4869765	4870596	0.36	cps
Lithium	6-1	884649	891563	890933	889048	0.43	cps
Magnesium	24-2	855588	858951	865222	859920	0.57	cps
Manganese	55-2	137724	136196	138774	137565	0.94	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:16:37	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1877389	1919960	1894924	1897425	1.13	cps
Molybdenum	95-1	1009339	1009777	1008753	1009290	0.05	cps
Molybdenum	96-1	1289190	1300353	1281503	1290349	0.73	cps
Molybdenum	97-1	624782	626731	621781	624431	0.40	cps
Molybdenum	98-1	1661279	1653444	1650241	1654988	0.34	cps
Neodymium	150-1	127	113	133	124	8.18	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	148306	148704	148056	148355	0.22	cps
Phosphorus	31-2	2684	2509	3009	2734	9.28	cps
Potassium	39-2	268173	268478	273975	270209	1.21	cps
Rhodium	103-1	7294979	7336501	7287549	7306343	0.36	cps
Rhodium	103-2	1997419	2008893	2036851	2014388	1.01	cps
Scandium	45-1	4345140	4389628	4335829	4356866	0.66	cps
Scandium	45-2	43116	42474	43066	42885	0.83	cps
Selenium	77-2	243	190	257	230	15.34	cps
Selenium	78-2	804	732	782	772	4.79	cps
Selenium	82-1	31866	32139	31855	31954	0.50	cps
Silicon	28-1	1325684	1339608	1348883	1338058	0.87	cps
Silver	109-1	2440097	2452738	2438795	2443877	0.32	cps
Silver	107-1	1002825	1008210	1002502	1004512	0.32	cps
Sodium	23-2	2142275	2153089	2155139	2150168	0.32	cps
Strontium	86-1	657790	665084	656517	659797	0.70	cps
Strontium	88-1	5612239	5725693	5619641	5652525	1.12	cps
Sulfur	34-1	501898	504569	500175	502214	0.44	cps
Terbium	159-1	9114574	9236553	9108561	9153229	0.79	cps
Terbium	159-2	2080128	2091392	2109427	2093649	0.71	cps
Thallium	203-1	1455391	1495793	1470934	1474039	1.38	cps
Thallium	205-1	3535212	3572983	3551647	3553281	0.53	cps
Tin	118-1	1676320	1656611	1652654	1661861	0.76	cps
Titanium	47-1	255515	262794	257469	258593	1.46	cps
Uranium	238-1	4384126	4456581	4413368	4418025	0.83	cps
Vanadium	51-2	182239	182519	184822	183193	0.77	cps
Yttrium	89-1	8472910	8538582	8450352	8487281	0.54	cps
Yttrium	89-2	296287	293113	295190	294863	0.55	cps
Zinc	66-2	80281	79932	79929	80047	0.25	cps
Zirconium	90-1	3620849	3682578	3630830	3644753	0.91	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:16:37	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	800759	807663	801491	803304	0.47	cps

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 12:19:55 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66540	69220	67135	67631	2.08	cps
Antimony	121-1	4781011	4799959	4746927	4775966	0.56	cps
Arsenic	75-2	57441	58335	57703	57826	0.80	cps
Barium	135-1	4831657	4845303	4807983	4828314	0.39	cps
Barium	137-1	8315987	8292532	8271895	8293471	0.27	cps
Beryllium	9-1	567399	569945	567235	568193	0.27	cps
Bismuth	209-1	5219835	5235454	5238588	5231292	0.19	cps
Bismuth	209-2	1605903	1608022	1600725	1604883	0.23	cps
Boron	10-1	65609	65936	67225	66257	1.29	cps
Boron	11-1	305848	305440	308739	306675	0.59	cps
Cadmium	111-1	1035629	1031324	1029121	1032025	0.32	cps
Cadmium	106-1	108267	109644	107065	108325	1.19	cps
Cadmium	108-1	71606	72724	72180	72170	0.77	cps
Calcium	43-1	942437	937856	931431	937241	0.59	cps
Calcium	44-1	15621110	15572571	15352450	15515377	0.92	cps
Chromium	52-2	479668	478389	480255	479437	0.20	cps
Cobalt	59-2	995851	998305	990372	994842	0.41	cps
Copper	63-2	1754899	1754151	1733231	1747427	0.70	cps
Dysprosium	156-1	75	67	158	100	50.69	cps
Dysprosium	156-2	17	7	20	14	48.02	cps
Erbium	164-1	83	67	0	50	88.19	cps
Erbium	164-2	0	23	17	13	90.13	cps
Gadolinium	160-1	158	167	167	164	2.94	cps
Gadolinium	160-2	17	20	30	22	31.22	cps
Holmium	165-1	8892563	8972517	8919690	8928257	0.46	cps
Holmium	165-2	2111038	2116850	2104164	2110684	0.30	cps
Indium	115-1	7872130	7824566	7725383	7807359	0.96	cps
Indium	115-2	376991	378333	374745	376690	0.48	cps
Iron	56-2	16065726	16010727	15983632	16020028	0.26	cps
Iron	57-2	404217	404446	407360	405341	0.43	cps
Lead	206-1	2541642	2507424	2533641	2527569	0.71	cps
Lead	207-1	2289146	2284227	2308331	2293902	0.56	cps
Lead	208-1	10306593	10180498	10300117	10262403	0.69	cps
Lithium	6-1	923411	909561	930037	921003	1.13	cps
Magnesium	24-2	1713795	1759613	1746997	1740135	1.36	cps
Manganese	55-2	265617	270546	268439	268200	0.92	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:19:55	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3806046	3822796	3784698	3804513	0.50	cps
Molybdenum	95-1	2077647	2065227	2069664	2070846	0.30	cps
Molybdenum	96-1	2634267	2640745	2637029	2637347	0.12	cps
Molybdenum	97-1	1254791	1248325	1248874	1250663	0.29	cps
Molybdenum	98-1	3306442	3263666	3262617	3277575	0.76	cps
Neodymium	150-1	273	280	213	256	14.37	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	288301	290159	288481	288980	0.35	cps
Phosphorus	31-2	5535	5610	5226	5457	3.72	cps
Potassium	39-2	517747	526216	526880	523614	0.97	cps
Rhodium	103-1	7189904	7205330	7156957	7184064	0.34	cps
Rhodium	103-2	1983985	1998378	1954359	1978907	1.13	cps
Scandium	45-1	4388401	4362627	4303284	4351438	1.00	cps
Scandium	45-2	41902	41959	42444	42102	0.71	cps
Selenium	77-2	430	427	380	412	6.78	cps
Selenium	78-2	1422	1380	1437	1413	2.11	cps
Selenium	82-1	64165	63202	62639	63335	1.22	cps
Silicon	28-1	2268511	2286669	2247147	2267442	0.87	cps
Silver	109-1	4842556	4831098	4815545	4829733	0.28	cps
Silver	107-1	1990498	1983021	1980294	1984604	0.27	cps
Sodium	23-2	4217159	4238730	4221585	4225824	0.27	cps
Strontium	86-1	1324214	1305458	1297232	1308968	1.06	cps
Strontium	88-1	11307628	11189769	11159277	11218891	0.70	cps
Sulfur	34-1	639645	636664	633251	636520	0.50	cps
Terbium	159-1	9410095	9443686	9405960	9419914	0.22	cps
Terbium	159-2	2094397	2076017	2100216	2090210	0.60	cps
Thallium	203-1	3147102	3153815	3122387	3141101	0.53	cps
Thallium	205-1	7387554	7312222	7362088	7353954	0.52	cps
Tin	118-1	3346190	3294345	3277914	3306150	1.08	cps
Titanium	47-1	518967	519024	511745	516579	0.81	cps
Uranium	238-1	9216493	9149846	9221249	9195863	0.43	cps
Vanadium	51-2	357638	360082	356826	358182	0.47	cps
Yttrium	89-1	8520844	8395604	8314625	8410358	1.24	cps
Yttrium	89-2	288612	286320	284255	286396	0.76	cps
Zinc	66-2	155571	156239	155922	155911	0.21	cps
Zirconium	90-1	7325338	7199827	7164020	7229728	1.17	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:19:55	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1640171	1650908	1627959	1639679	0.70	cps

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 12:23:08 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135005	136072	135761	135613	0.40	cps
Antimony	121-1	9307093	9382481	9327952	9339175	0.42	cps
Arsenic	75-2	112609	113771	112527	112969	0.62	cps
Barium	135-1	9468666	9390798	9433488	9430984	0.41	cps
Barium	137-1	16391483	16529632	16404833	16441982	0.46	cps
Beryllium	9-1	1140837	1135604	1142421	1139621	0.31	cps
Bismuth	209-1	5214343	5328515	5230498	5257785	1.18	cps
Bismuth	209-2	1572431	1545823	1574570	1564275	1.02	cps
Boron	10-1	130421	131246	134045	131904	1.44	cps
Boron	11-1	603849	614427	615414	611230	1.05	cps
Cadmium	111-1	2012991	1995544	2008649	2005728	0.45	cps
Cadmium	106-1	206671	207695	203622	205996	1.03	cps
Cadmium	108-1	139676	138330	138653	138886	0.51	cps
Calcium	43-1	1869537	1864522	1837917	1857325	0.91	cps
Calcium	44-1	30031493	30237736	29931917	30067049	0.52	cps
Chromium	52-2	935548	944765	941535	940616	0.50	cps
Cobalt	59-2	1947239	1975656	1960502	1961132	0.73	cps
Copper	63-2	3369161	3359440	3329531	3352711	0.62	cps
Dysprosium	156-1	150	125	108	128	16.41	cps
Dysprosium	156-2	7	13	23	14	58.06	cps
Erbium	164-1	58	75	58	64	15.05	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	150	150	175	158	9.12	cps
Gadolinium	160-2	43	33	30	36	19.51	cps
Holmium	165-1	8834388	8946455	8879823	8886889	0.63	cps
Holmium	165-2	2091875	2051566	2088430	2077290	1.08	cps
Indium	115-1	7441370	7554814	7520687	7505624	0.78	cps
Indium	115-2	354651	347383	358086	353373	1.55	cps
Iron	56-2	31205636	31400806	31519458	31375300	0.51	cps
Iron	57-2	787602	794665	797464	793244	0.64	cps
Lead	206-1	5083392	5028908	5011225	5041175	0.75	cps
Lead	207-1	4642717	4585270	4619157	4615715	0.63	cps
Lead	208-1	20639953	20480266	20470260	20530160	0.46	cps
Lithium	6-1	908380	943958	916484	922941	2.02	cps
Magnesium	24-2	3417764	3390451	3405125	3404447	0.40	cps
Manganese	55-2	522116	524197	524760	523691	0.27	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:23:08	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7282627	7307585	7252045	7280752	0.38	cps
Molybdenum	95-1	4007576	3968873	3941408	3972619	0.84	cps
Molybdenum	96-1	5041700	5099427	5054986	5065371	0.60	cps
Molybdenum	97-1	2486189	2447538	2447974	2460567	0.90	cps
Molybdenum	98-1	6324417	6393222	6325692	6347777	0.62	cps
Neodymium	150-1	293	313	373	327	12.74	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	561046	562403	558992	560813	0.31	cps
Phosphorus	31-2	10679	10363	10796	10613	2.11	cps
Potassium	39-2	1001553	1021036	1016699	1013096	1.01	cps
Rhodium	103-1	6828917	6901033	6852092	6860681	0.54	cps
Rhodium	103-2	1927927	1849845	1919043	1898939	2.25	cps
Scandium	45-1	4160178	4309243	4164258	4211226	2.02	cps
Scandium	45-2	41324	41010	41933	41422	1.13	cps
Selenium	77-2	880	870	800	850	5.13	cps
Selenium	78-2	2723	2700	2769	2731	1.28	cps
Selenium	82-1	122238	122109	120938	121762	0.59	cps
Silicon	28-1	4005047	4074161	4060824	4046678	0.91	cps
Silver	109-1	9170665	9226919	9248086	9215223	0.43	cps
Silver	107-1	3767327	3804616	3797403	3789782	0.52	cps
Sodium	23-2	8382174	8419100	8335919	8379064	0.50	cps
Strontium	86-1	2545238	2599933	2571288	2572153	1.06	cps
Strontium	88-1	21583083	21687943	21446715	21572580	0.56	cps
Sulfur	34-1	901068	910486	905790	905781	0.52	cps
Terbium	159-1	9342925	9447658	9356350	9382311	0.61	cps
Terbium	159-2	2058849	1982648	2045048	2028848	2.00	cps
Thallium	203-1	6234785	6252996	6248571	6245451	0.15	cps
Thallium	205-1	14838636	14778406	14679223	14765421	0.55	cps
Tin	118-1	6440785	6442879	6456409	6446691	0.13	cps
Titanium	47-1	999753	1004043	989723	997840	0.74	cps
Uranium	238-1	18907442	18962257	18626493	18832064	0.96	cps
Vanadium	51-2	703915	712310	706489	707572	0.61	cps
Yttrium	89-1	7907764	8184855	8019067	8037229	1.73	cps
Yttrium	89-2	277274	269939	277261	274824	1.54	cps
Zinc	66-2	299599	302271	302943	301604	0.59	cps
Zirconium	90-1	14016077	14133023	13950556	14033219	0.66	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:23:08	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3135892	3128233	3115978	3126701	0.32	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:26:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	693846	695066	695065	694659	0.10	cps
Antimony	121-1	21293	21451	21260	21335	0.48	cps
Arsenic	75-2	37	50	31	40	24.05	cps
Barium	135-1	3201	2909	3359	3156	7.23	cps
Barium	137-1	5460	5101	4943	5168	5.13	cps
Beryllium	9-1	650	472	428	517	22.76	cps
Bismuth	209-1	5103126	5025947	4986393	5038488	1.18	cps
Bismuth	209-2	1528522	1525445	1532468	1528811	0.23	cps
Boron	10-1	5159	5134	4376	4890	9.11	cps
Boron	11-1	23370	21484	20198	21684	7.36	cps
Cadmium	111-1	1742	1784	1712	1746	2.08	cps
Cadmium	106-1	2184	2142	2150	2159	1.02	cps
Cadmium	108-1	58	33	38	43	31.12	cps
Calcium	43-1	9292491	9268249	9288452	9283064	0.14	cps
Calcium	44-1	154642283	153773228	155508862	154641458	0.56	cps
Chromium	52-2	8369	8339	8793	8500	2.98	cps
Cobalt	59-2	2217	2357	2244	2272	3.27	cps
Copper	63-2	5311	5211	5238	5253	0.99	cps
Dysprosium	156-1	100	75	92	89	14.33	cps
Dysprosium	156-2	13	20	30	21	39.75	cps
Erbium	164-1	58	58	25	47	40.76	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	142	92	108	114	22.35	cps
Gadolinium	160-2	23	13	43	27	57.29	cps
Holmium	165-1	8958822	8959777	8888609	8935736	0.46	cps
Holmium	165-2	2132725	2138774	2154028	2141842	0.51	cps
Indium	115-1	7547176	7438790	7437555	7474507	0.84	cps
Indium	115-2	368239	367004	368837	368027	0.25	cps
Iron	56-2	156271303	156334887	156426431	156344207	0.05	cps
Iron	57-2	3932141	3884254	3905795	3907397	0.61	cps
Lead	206-1	8309	8164	8520	8331	2.15	cps
Lead	207-1	7147	7552	7124	7275	3.31	cps
Lead	208-1	32334	33429	32817	32860	1.67	cps
Lithium	6-1	889306	875300	863936	876181	1.45	cps
Magnesium	24-2	16733255	16821993	16858469	16804572	0.38	cps
Manganese	55-2	1863	1874	1940	1892	2.20	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:26:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4818	4401	4901	4707	5.69	cps
Molybdenum	95-1	6110	6260	6177	6182	1.22	cps
Molybdenum	96-1	8962	8520	9045	8842	3.19	cps
Molybdenum	97-1	3751	3817	3692	3753	1.67	cps
Molybdenum	98-1	9354	9879	9295	9509	3.38	cps
Neodymium	150-1	60	93	107	87	27.74	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	2224	2234	2450	2302	5.56	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	5112968	5138629	5105230	5118942	0.34	cps
Rhodium	103-1	6771793	6670763	6631201	6691252	1.08	cps
Rhodium	103-2	1905300	1893807	1899794	1899634	0.30	cps
Scandium	45-1	4251753	4200909	4243162	4231941	0.64	cps
Scandium	45-2	41114	41137	41598	41283	0.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	20	6	66	31	103.09	cps
Silicon	28-1	623655	633020	637696	631457	1.13	cps
Silver	109-1	717	833	775	775	7.53	cps
Silver	107-1	322	348	342	337	4.12	cps
Sodium	23-2	42070432	41629869	41741894	41814065	0.55	cps
Strontium	86-1	87546	85886	87731	87055	1.17	cps
Strontium	88-1	740612	744945	746211	743923	0.39	cps
Sulfur	34-1	352280	353719	357079	354359	0.69	cps
Terbium	159-1	9485753	9454072	9406524	9448783	0.42	cps
Terbium	159-2	2099913	2107535	2073110	2093519	0.86	cps
Thallium	203-1	2450	2150	2259	2286	6.65	cps
Thallium	205-1	6077	5335	5877	5763	6.66	cps
Tin	118-1	6343	5727	5293	5788	9.12	cps
Titanium	47-1	825	850	842	839	1.52	cps
Uranium	238-1	2225	1875	1592	1897	16.72	cps
Vanadium	51-2	250	230	197	226	11.95	cps
Yttrium	89-1	8233295	8171112	8095449	8166619	0.85	cps
Yttrium	89-2	284227	284747	285574	284849	0.24	cps
Zinc	66-2	1263	1230	1227	1240	1.64	cps
Zirconium	90-1	3151	3092	3009	3084	2.31	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:26:16	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	708	658	658	675	4.28	cps

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 12:29:36 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3584	3401	3534	3506	2.70	cps
Antimony	121-1	1936113	1943010	1935756	1938293	0.21	cps
Arsenic	75-2	23958	23971	24290	24073	0.78	cps
Barium	135-1	195219	195869	193768	194952	0.55	cps
Barium	137-1	338447	340090	342973	340503	0.67	cps
Beryllium	9-1	113505	114244	111719	113156	1.15	cps
Bismuth	209-1	5501303	5438909	5481013	5473742	0.58	cps
Bismuth	209-2	1714648	1732872	1721525	1723015	0.53	cps
Boron	10-1	79512	79051	79244	79269	0.29	cps
Boron	11-1	361992	370285	367350	366542	1.15	cps
Cadmium	111-1	215652	217767	218279	217233	0.64	cps
Cadmium	106-1	35247	35832	35907	35662	1.01	cps
Cadmium	108-1	19652	19702	19514	19623	0.50	cps
Calcium	43-1	46721	43844	44338	44968	3.42	cps
Calcium	44-1	720719	720137	722353	721070	0.16	cps
Chromium	52-2	101343	99289	98644	99759	1.41	cps
Cobalt	59-2	210917	209633	208503	209684	0.58	cps
Copper	63-2	182285	180756	180349	181130	0.56	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	83	117	67	89	28.64	cps
Erbium	164-2	33	7	13	18	78.05	cps
Gadolinium	160-1	108	108	83	100	14.43	cps
Gadolinium	160-2	20	10	13	14	35.26	cps
Holmium	165-1	9137444	9169832	9115435	9140904	0.30	cps
Holmium	165-2	2225767	2199824	2205826	2210472	0.61	cps
Indium	115-1	8217954	8071375	8112494	8133941	0.93	cps
Indium	115-2	402801	399104	396340	399415	0.81	cps
Iron	56-2	677701	668708	671196	672535	0.69	cps
Iron	57-2	17178	16861	17167	17068	1.05	cps
Lead	206-1	1022125	1022323	1029705	1024718	0.42	cps
Lead	207-1	887066	890206	890177	889150	0.20	cps
Lead	208-1	4147762	4155621	4170532	4157971	0.28	cps
Lithium	6-1	963253	956942	955317	958504	0.44	cps
Magnesium	24-2	44496	44019	42105	43540	2.91	cps
Manganese	55-2	27758	27861	27918	27846	0.29	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:29:36	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3930381	3933386	3938147	3933971	0.10	cps
Molybdenum	95-1	2137320	2151039	2156905	2148421	0.47	cps
Molybdenum	96-1	2733469	2752601	2749673	2745248	0.38	cps
Molybdenum	97-1	1298116	1305312	1298903	1300777	0.30	cps
Molybdenum	98-1	3465119	3453556	3389906	3436194	1.18	cps
Neodymium	150-1	47	40	33	40	16.68	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	62406	61854	62335	62198	0.48	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	49538	47414	47089	48014	2.77	cps
Rhodium	103-1	7667223	7660878	7572891	7633664	0.69	cps
Rhodium	103-2	2144727	2124072	2106013	2124938	0.91	cps
Scandium	45-1	4540674	4491615	4488932	4507074	0.65	cps
Scandium	45-2	45403	45072	45079	45185	0.42	cps
Selenium	77-2	200	183	163	182	10.07	cps
Selenium	78-2	648	602	652	634	4.40	cps
Selenium	82-1	25785	26061	26345	26064	1.07	cps
Silicon	28-1	2114383	2110633	2097296	2107437	0.43	cps
Silver	109-1	922527	927008	926196	925244	0.26	cps
Silver	107-1	379923	382652	383803	382126	0.52	cps
Sodium	23-2	190702	188204	187673	188860	0.86	cps
Strontium	86-1	1370999	1372015	1361081	1368032	0.44	cps
Strontium	88-1	11701810	11757177	11835713	11764900	0.57	cps
Sulfur	34-1	363281	360145	359324	360916	0.58	cps
Terbium	159-1	9739858	9634463	9601599	9658640	0.75	cps
Terbium	159-2	2202509	2154025	2165315	2173950	1.17	cps
Thallium	203-1	1287587	1294757	1301725	1294689	0.55	cps
Thallium	205-1	3122491	3151290	3171855	3148545	0.79	cps
Tin	118-1	3535780	3529445	3463071	3509432	1.15	cps
Titanium	47-1	535904	533576	537382	535621	0.36	cps
Uranium	238-1	10201653	10401321	10337040	10313338	0.99	cps
Vanadium	51-2	75003	73726	74507	74412	0.86	cps
Yttrium	89-1	8755414	8776097	8737327	8756279	0.22	cps
Yttrium	89-2	308145	301051	300840	303345	1.37	cps
Zinc	66-2	33123	32391	33317	32944	1.48	cps
Zirconium	90-1	7444072	7538747	7449737	7477519	0.71	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:29:36	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1658944	1688928	1669259	1672377	0.91	cps

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 12:35:10 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	8	6	86.60	cps
Antimony	121-1	1292	1175	1200	1222	5.03	cps
Arsenic	75-2	7	2	13	7	75.00	cps
Barium	135-1	92	75	50	72	29.04	cps
Barium	137-1	133	67	142	114	36.10	cps
Beryllium	9-1	256	300	228	261	13.95	cps
Bismuth	209-1	5125560	5340619	4933781	5133320	3.96	cps
Bismuth	209-2	1634338	1604526	1659669	1632844	1.69	cps
Boron	10-1	1692	1692	1483	1622	7.42	cps
Boron	11-1	6727	6577	7194	6832	4.71	cps
Cadmium	111-1	1370	1427	1244	1347	6.94	cps
Cadmium	106-1	1942	2025	1759	1909	7.15	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	1767	1875	1917	1853	4.18	cps
Calcium	44-1	38671	37126	38630	38142	2.31	cps
Chromium	52-2	823	790	770	794	3.39	cps
Cobalt	59-2	60	57	57	58	3.33	cps
Copper	63-2	297	223	253	258	14.30	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	17	58	36	58.08	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	75	175	67	106	57.11	cps
Gadolinium	160-2	3	13	20	12	68.66	cps
Holmium	165-1	8545015	8855013	8237665	8545898	3.61	cps
Holmium	165-2	2132398	2069865	2147976	2116746	1.95	cps
Indium	115-1	7858984	8151735	7477139	7829286	4.32	cps
Indium	115-2	394664	390283	400124	395024	1.25	cps
Iron	56-2	3167	3100	3256	3175	2.46	cps
Iron	57-2	83	106	122	104	18.81	cps
Lead	206-1	800	711	756	756	5.88	cps
Lead	207-1	633	661	567	620	7.82	cps
Lead	208-1	3011	2850	2828	2897	3.45	cps
Lithium	6-1	883960	918339	845468	882589	4.13	cps
Magnesium	24-2	300	333	358	331	8.85	cps
Manganese	55-2	117	113	117	116	1.66	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:35:10	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	417	333	361	13.32	cps
Molybdenum	95-1	283	200	158	214	29.76	cps
Molybdenum	96-1	392	492	433	439	11.45	cps
Molybdenum	97-1	158	133	208	167	22.91	cps
Molybdenum	98-1	317	325	283	308	7.15	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	247	283	310	280	11.36	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3767	3442	3834	3681	5.69	cps
Rhodium	103-1	7218538	7569207	6952132	7246626	4.27	cps
Rhodium	103-2	2052510	2041008	2101248	2064922	1.55	cps
Scandium	45-1	4248072	4403908	4077677	4243219	3.85	cps
Scandium	45-2	42230	41374	43327	42310	2.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	0	9	5	94.35	cps
Selenium	82-1	-29	-160	-29	-73	-103.92	cps
Silicon	28-1	410641	418177	421796	416871	1.37	cps
Silver	109-1	183	175	125	161	19.58	cps
Silver	107-1	72	60	47	59	21.04	cps
Sodium	23-2	7786	7811	7127	7575	5.12	cps
Strontium	86-1	933	925	908	922	1.38	cps
Strontium	88-1	300	217	242	253	16.92	cps
Sulfur	34-1	347984	353063	348487	349845	0.80	cps
Terbium	159-1	9056770	9346398	8672383	9025184	3.75	cps
Terbium	159-2	2109269	2070817	2111026	2097037	1.08	cps
Thallium	203-1	333	325	208	289	24.19	cps
Thallium	205-1	692	717	733	714	2.94	cps
Tin	118-1	2067	2009	1500	1859	16.77	cps
Titanium	47-1	225	150	208	194	20.25	cps
Uranium	238-1	250	267	200	239	14.52	cps
Vanadium	51-2	0	30	13	14	104.07	cps
Yttrium	89-1	8222595	8531632	7858420	8204216	4.11	cps
Yttrium	89-2	294149	290595	299790	294845	1.57	cps
Zinc	66-2	53	60	43	52	16.07	cps
Zirconium	90-1	642	792	775	736	11.17	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:35:10	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	142	133	133	6.25	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:38:21	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	645602	641518	648669	645263	0.56	cps
Antimony	121-1	11914	12248	11647	11936	2.52	cps
Arsenic	75-2	48	22	52	41	39.63	cps
Barium	135-1	2934	2959	2675	2856	5.49	cps
Barium	137-1	4784	4584	4918	4762	3.52	cps
Beryllium	9-1	500	517	578	532	7.71	cps
Bismuth	209-1	5185797	5124773	5153045	5154539	0.59	cps
Bismuth	209-2	1557820	1589427	1506610	1551285	2.69	cps
Boron	10-1	1884	1717	1834	1811	4.72	cps
Boron	11-1	8345	7978	8261	8194	2.35	cps
Cadmium	111-1	2030	2127	1702	1953	11.39	cps
Cadmium	106-1	1984	2217	1767	1989	11.32	cps
Cadmium	108-1	1138	1125	1163	1142	1.67	cps
Calcium	43-1	1897560	1884797	1873768	1885375	0.63	cps
Calcium	44-1	30948908	30735759	30856691	30847119	0.35	cps
Chromium	52-2	19794	19828	19864	19829	0.18	cps
Cobalt	59-2	2384	2294	2347	2341	1.93	cps
Copper	63-2	13267	13373	13777	13472	2.00	cps
Dysprosium	156-1	50	50	42	47	10.18	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	58	75	25	53	48.24	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	75	125	67	89	35.50	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	9076831	9046376	9104387	9075865	0.32	cps
Holmium	165-2	2167825	2178882	2077495	2141400	2.60	cps
Indium	115-1	7876808	7849224	7962119	7896050	0.75	cps
Indium	115-2	382714	389291	369120	380375	2.70	cps
Iron	56-2	62746069	63187692	63068478	63000746	0.36	cps
Iron	57-2	1582108	1605770	1617492	1601790	1.13	cps
Lead	206-1	23862	23344	22476	23227	3.02	cps
Lead	207-1	18581	18085	17869	18178	2.01	cps
Lead	208-1	87629	86756	84734	86373	1.72	cps
Lithium	6-1	939166	907283	924662	923704	1.73	cps
Magnesium	24-2	3422543	3392039	3399183	3404588	0.47	cps
Manganese	55-2	2177	2130	2184	2164	1.34	cps

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 12:38:21 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4420802	4407882	4376177	4401620	0.52	cps
Molybdenum	95-1	7811491	7791459	7777634	7793528	0.22	cps
Molybdenum	96-1	8347151	8248066	8197916	8264378	0.92	cps
Molybdenum	97-1	4812619	4836999	4826493	4825370	0.25	cps
Molybdenum	98-1	12536637	12425390	12456936	12472988	0.46	cps
Neodymium	150-1	60	7	20	29	96.07	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	3581	3387	3494	3487	2.78	cps
Phosphorus	31-2	51654	50868	52163	51562	1.27	cps
Potassium	39-2	2100910	2090296	2112910	2101372	0.54	cps
Rhodium	103-1	7254045	7166543	7284062	7234883	0.84	cps
Rhodium	103-2	2013352	2028977	1917153	1986494	3.05	cps
Scandium	45-1	4404754	4384525	4399142	4396140	0.24	cps
Scandium	45-2	42080	43133	40535	41916	3.12	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	13	0	6	105.32	cps
Selenium	82-1	-60	-154	21	-64	-136.47	cps
Silicon	28-1	537528	533165	523143	531279	1.39	cps
Silver	109-1	1425	1517	1842	1595	13.73	cps
Silver	107-1	607	622	732	653	10.45	cps
Sodium	23-2	8368926	8270237	8344589	8327918	0.62	cps
Strontium	86-1	88244	88100	87381	87908	0.53	cps
Strontium	88-1	755795	750611	749412	751940	0.45	cps
Sulfur	34-1	2498747	2500359	2487286	2495464	0.29	cps
Terbium	159-1	9510292	9491005	9541104	9514134	0.27	cps
Terbium	159-2	2116874	2144917	2007943	2089911	3.46	cps
Thallium	203-1	892	825	750	822	8.62	cps
Thallium	205-1	1950	1967	1834	1917	3.79	cps
Tin	118-1	2434	2584	2117	2378	10.02	cps
Titanium	47-1	2003544	2036304	2013753	2017867	0.83	cps
Uranium	238-1	517	500	342	453	21.33	cps
Vanadium	51-2	133	103	137	124	14.75	cps
Yttrium	89-1	8540603	8525169	8643966	8569913	0.75	cps
Yttrium	89-2	292007	297247	281089	290114	2.84	cps
Zinc	66-2	1780	2054	1984	1939	7.32	cps
Zirconium	90-1	2509	2692	2400	2534	5.82	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:38:21	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	558	542	575	558	2.99	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:41:25	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	640380	635804	642052	639412	0.51	cps
Antimony	121-1	196485	196516	198411	197137	0.56	cps
Arsenic	75-2	2217	2359	2174	2250	4.31	cps
Barium	135-1	41475	41023	42051	41516	1.24	cps
Barium	137-1	71620	71576	72272	71823	0.54	cps
Beryllium	9-1	23030	22546	23063	22880	1.27	cps
Bismuth	209-1	5228735	5230534	5086268	5181845	1.60	cps
Bismuth	209-2	1588046	1578193	1571688	1579309	0.52	cps
Boron	10-1	8553	9162	8728	8814	3.56	cps
Boron	11-1	41319	39982	41394	40898	1.94	cps
Cadmium	111-1	42260	43121	42624	42669	1.01	cps
Cadmium	106-1	6819	7319	6952	7030	3.69	cps
Cadmium	108-1	4242	4426	4142	4270	3.37	cps
Calcium	43-1	1924849	1914376	1931920	1923715	0.46	cps
Calcium	44-1	31236013	31078267	31272617	31195633	0.33	cps
Chromium	52-2	38787	38824	39001	38871	0.29	cps
Cobalt	59-2	42184	42625	43237	42682	1.24	cps
Copper	63-2	48063	47805	47849	47906	0.29	cps
Dysprosium	156-1	17	67	33	39	65.47	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	17	42	92	50	76.37	cps
Erbium	164-2	27	13	20	20	33.35	cps
Gadolinium	160-1	125	92	125	114	16.90	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	9138598	9151129	9003291	9097672	0.90	cps
Holmium	165-2	2177406	2147774	2140624	2155268	0.90	cps
Indium	115-1	8042647	8038752	7931709	8004370	0.79	cps
Indium	115-2	390063	383221	384713	385999	0.93	cps
Iron	56-2	62836083	62922950	62730106	62829713	0.15	cps
Iron	57-2	1584303	1620666	1628546	1611172	1.46	cps
Lead	206-1	123220	120600	122698	122173	1.14	cps
Lead	207-1	102371	102101	101928	102134	0.22	cps
Lead	208-1	473955	468362	470787	471035	0.60	cps
Lithium	6-1	929272	919335	916032	921546	0.75	cps
Magnesium	24-2	3422473	3373858	3419283	3405205	0.80	cps
Manganese	55-2	7409	7555	7776	7580	2.44	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:41:25	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4810270	4809224	4750527	4790007	0.71	cps
Molybdenum	95-1	8128545	8138517	7954879	8073980	1.28	cps
Molybdenum	96-1	8578712	8628649	8524759	8577373	0.61	cps
Molybdenum	97-1	4941961	5001141	4880623	4941241	1.22	cps
Molybdenum	98-1	13014180	13002303	12923856	12980113	0.38	cps
Neodymium	150-1	47	67	73	62	22.30	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	15265	14751	14691	14903	2.12	cps
Phosphorus	31-2	52356	49420	51536	51104	2.96	cps
Potassium	39-2	2078355	2050751	2091212	2073439	1.00	cps
Rhodium	103-1	7323561	7433238	7157493	7304764	1.90	cps
Rhodium	103-2	2038848	1997801	2012889	2016512	1.03	cps
Scandium	45-1	4417053	4429072	4483921	4443349	0.80	cps
Scandium	45-2	42260	42865	42421	42515	0.74	cps
Selenium	77-2	30	17	20	22	31.22	cps
Selenium	78-2	70	59	74	68	11.35	cps
Selenium	82-1	2466	2334	2446	2415	2.94	cps
Silicon	28-1	744478	736725	742721	741308	0.55	cps
Silver	109-1	181419	179421	179778	180206	0.59	cps
Silver	107-1	74712	74438	74255	74468	0.31	cps
Sodium	23-2	8318875	8240474	8196088	8251813	0.75	cps
Strontium	86-1	224923	224719	224599	224747	0.07	cps
Strontium	88-1	1981237	1951169	1974118	1968841	0.80	cps
Sulfur	34-1	2492497	2475432	2475998	2481309	0.39	cps
Terbium	159-1	9563841	9649744	9544132	9585906	0.59	cps
Terbium	159-2	2136795	2107980	2106626	2117134	0.80	cps
Thallium	203-1	123504	123537	123092	123377	0.20	cps
Thallium	205-1	295275	294463	292658	294132	0.46	cps
Tin	118-1	345972	347059	345928	346320	0.18	cps
Titanium	47-1	2064783	2066532	2093321	2074879	0.77	cps
Uranium	238-1	940374	940176	935476	938676	0.30	cps
Vanadium	51-2	14147	14451	14528	14375	1.40	cps
Yttrium	89-1	8682745	8771305	8638824	8697625	0.78	cps
Yttrium	89-2	297035	294543	293630	295070	0.60	cps
Zinc	66-2	5151	5171	5038	5120	1.40	cps
Zirconium	90-1	748015	754485	749715	750738	0.45	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:41:25	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167098	166045	164515	165886	0.78	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:44:38	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353424	357142	355397	355321	0.52	cps
Antimony	121-1	4838003	4880315	4879147	4865822	0.50	cps
Arsenic	75-2	59977	59769	59585	59777	0.33	cps
Barium	135-1	4999733	4986596	4963718	4983349	0.37	cps
Barium	137-1	8589063	8527823	8579032	8565306	0.38	cps
Beryllium	9-1	573695	570530	569490	571238	0.38	cps
Bismuth	209-1	5161909	4946385	5199796	5102697	2.68	cps
Bismuth	209-2	1567298	1564114	1565465	1565626	0.10	cps
Boron	10-1	66889	68523	69427	68279	1.88	cps
Boron	11-1	312626	316667	318718	316004	0.98	cps
Cadmium	111-1	1024949	1021951	1018516	1021805	0.32	cps
Cadmium	106-1	108393	105972	106578	106981	1.18	cps
Cadmium	108-1	71907	72728	71882	72173	0.67	cps
Calcium	43-1	4797748	4787049	4776801	4787199	0.22	cps
Calcium	44-1	79431979	79330408	78616662	79126350	0.56	cps
Chromium	52-2	494447	498997	495652	496366	0.47	cps
Cobalt	59-2	1002189	1009184	993397	1001590	0.79	cps
Copper	63-2	1724010	1744222	1695702	1721311	1.42	cps
Dysprosium	156-1	150	150	75	125	34.64	cps
Dysprosium	156-2	17	13	27	19	36.75	cps
Erbium	164-1	108	25	50	61	69.98	cps
Erbium	164-2	20	10	3	11	75.52	cps
Gadolinium	160-1	158	150	117	142	15.56	cps
Gadolinium	160-2	7	27	37	23	65.46	cps
Holmium	165-1	9209249	8600182	9175126	8994852	3.80	cps
Holmium	165-2	2173368	2182057	2183874	2179766	0.26	cps
Indium	115-1	7892903	7445221	7866734	7734952	3.25	cps
Indium	115-2	375894	375465	374027	375129	0.26	cps
Iron	56-2	78746771	79545491	79046668	79112977	0.51	cps
Iron	57-2	2019044	2051397	2021866	2030769	0.88	cps
Lead	206-1	2550939	2564923	2563861	2559908	0.30	cps
Lead	207-1	2333705	2334702	2343904	2337437	0.24	cps
Lead	208-1	10320153	10402639	10420719	10381171	0.52	cps
Lithium	6-1	900597	847818	914694	887703	3.97	cps
Magnesium	24-2	8573508	8609207	8638454	8607056	0.38	cps
Manganese	55-2	276154	278959	275073	276729	0.72	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:44:38	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3892725	3937053	3899934	3909904	0.61	cps
Molybdenum	95-1	2140847	2166926	2134076	2147283	0.81	cps
Molybdenum	96-1	2716428	2747407	2726193	2730009	0.58	cps
Molybdenum	97-1	1287191	1297610	1277714	1287505	0.77	cps
Molybdenum	98-1	3434005	3409134	3364946	3402695	1.03	cps
Neodymium	150-1	280	213	233	242	14.12	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	286896	287218	287141	287085	0.06	cps
Phosphorus	31-2	5718	5726	4976	5474	7.87	cps
Potassium	39-2	2695474	2714527	2707765	2705922	0.36	cps
Rhodium	103-1	7145544	6725730	7151745	7007673	3.48	cps
Rhodium	103-2	1973982	1962502	1933834	1956773	1.06	cps
Scandium	45-1	4453898	4166874	4436665	4352479	3.70	cps
Scandium	45-2	42290	43190	43056	42845	1.13	cps
Selenium	77-2	400	433	387	407	5.91	cps
Selenium	78-2	1432	1472	1587	1497	5.39	cps
Selenium	82-1	64473	63535	63688	63899	0.79	cps
Silicon	28-1	2337863	2325364	2369334	2344187	0.97	cps
Silver	109-1	4807359	4757441	4795276	4786692	0.54	cps
Silver	107-1	1967926	1958167	1966452	1964182	0.27	cps
Sodium	23-2	21321548	21279103	21395784	21332145	0.28	cps
Strontium	86-1	1380886	1379115	1382887	1380963	0.14	cps
Strontium	88-1	11845894	11813017	11788832	11815914	0.24	cps
Sulfur	34-1	625408	617800	625431	622880	0.71	cps
Terbium	159-1	9623621	9117222	9729515	9490119	3.45	cps
Terbium	159-2	2116848	2121515	2105970	2114778	0.38	cps
Thallium	203-1	3183199	3201910	3167624	3184244	0.54	cps
Thallium	205-1	7457890	7412972	7406796	7425886	0.38	cps
Tin	118-1	3396112	3392063	3384782	3390986	0.17	cps
Titanium	47-1	526122	528041	524998	526387	0.29	cps
Uranium	238-1	9545021	9584987	9506656	9545555	0.41	cps
Vanadium	51-2	369985	373539	371401	371642	0.48	cps
Yttrium	89-1	8633489	8076419	8622574	8444161	3.77	cps
Yttrium	89-2	291780	293301	290227	291769	0.53	cps
Zinc	66-2	155413	156374	154971	155586	0.46	cps
Zirconium	90-1	7497303	7527445	7422618	7482455	0.72	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:44:38	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1683854	1691919	1685502	1687092	0.25	cps

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : CCB92 Instrumnet Name : P8
 Client Sample ID : CCB92 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 12:47:37 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	17	31	41.66	cps
Antimony	121-1	3209	2967	3167	3114	4.15	cps
Arsenic	75-2	6	9	11	9	32.69	cps
Barium	135-1	117	58	83	86	33.98	cps
Barium	137-1	75	100	133	103	28.48	cps
Beryllium	9-1	261	244	244	250	3.85	cps
Bismuth	209-1	5292582	5314027	5255482	5287363	0.56	cps
Bismuth	209-2	1537179	1644875	1672956	1618336	4.43	cps
Boron	10-1	2117	2000	1692	1936	11.34	cps
Boron	11-1	10062	9379	9078	9506	5.31	cps
Cadmium	111-1	1412	1549	1381	1447	6.18	cps
Cadmium	106-1	1967	2134	1875	1992	6.58	cps
Cadmium	108-1	33	4	33	24	71.31	cps
Calcium	43-1	2142	1959	1717	1939	11.00	cps
Calcium	44-1	40384	40919	41253	40852	1.07	cps
Chromium	52-2	803	897	687	796	13.23	cps
Cobalt	59-2	33	43	70	49	38.78	cps
Copper	63-2	407	393	343	381	8.76	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	67	25	33	90.15	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	33	100	75	69	48.50	cps
Gadolinium	160-2	10	13	0	8	89.21	cps
Holmium	165-1	8815223	8878571	8739113	8810969	0.79	cps
Holmium	165-2	2013046	2158261	2186527	2119278	4.39	cps
Indium	115-1	8020832	8095479	7980213	8032175	0.73	cps
Indium	115-2	368480	398319	405260	390686	5.00	cps
Iron	56-2	4101	4240	3895	4079	4.25	cps
Iron	57-2	150	161	194	169	13.72	cps
Lead	206-1	783	795	767	782	1.79	cps
Lead	207-1	744	678	700	707	4.80	cps
Lead	208-1	3134	3111	3061	3102	1.19	cps
Lithium	6-1	892646	902122	909591	901453	0.94	cps
Magnesium	24-2	267	283	350	300	14.70	cps
Manganese	55-2	100	107	127	111	12.49	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:47:37	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	733	642	636	15.74	cps
Molybdenum	95-1	367	417	642	475	30.84	cps
Molybdenum	96-1	692	783	675	717	8.14	cps
Molybdenum	97-1	375	250	425	350	25.76	cps
Molybdenum	98-1	767	808	775	783	2.81	cps
Neodymium	150-1	13	40	40	31	49.50	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	243	243	297	261	11.79	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	3876	3959	4167	4001	3.76	cps
Rhodium	103-1	7463988	7546857	7499339	7503395	0.55	cps
Rhodium	103-2	1951266	2089426	2112760	2051151	4.26	cps
Scandium	45-1	4397162	4388621	4389959	4391914	0.10	cps
Scandium	45-2	40081	42294	42852	41742	3.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-32	-90	-112	-78	-52.97	cps
Silicon	28-1	429215	426311	421223	425583	0.95	cps
Silver	109-1	375	458	367	400	12.67	cps
Silver	107-1	185	175	147	169	11.77	cps
Sodium	23-2	11439	11522	11747	11569	1.38	cps
Strontium	86-1	1117	1067	975	1053	6.83	cps
Strontium	88-1	142	242	300	228	35.15	cps
Sulfur	34-1	333834	337670	334472	335325	0.61	cps
Terbium	159-1	9366172	9492275	9232841	9363763	1.39	cps
Terbium	159-2	1949313	2114612	2106424	2056783	4.53	cps
Thallium	203-1	850	842	583	758	19.99	cps
Thallium	205-1	1659	1842	1584	1695	7.84	cps
Tin	118-1	2125	2000	2134	2086	3.58	cps
Titanium	47-1	192	325	250	256	26.15	cps
Uranium	238-1	200	108	217	175	33.33	cps
Vanadium	51-2	17	13	13	14	13.35	cps
Yttrium	89-1	8616062	8607247	8564823	8596044	0.32	cps
Yttrium	89-2	275699	298990	303374	292688	5.08	cps
Zinc	66-2	53	77	67	66	17.86	cps
Zirconium	90-1	967	1217	1050	1078	11.81	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:47:37	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	300	183	214	35.35	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:51:15	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	142	92	136	30.82	cps
Antimony	121-1	18038	17804	18564	18135	2.14	cps
Arsenic	75-2	124	143	122	130	8.69	cps
Barium	135-1	17262	17287	16553	17034	2.45	cps
Barium	137-1	30236	29191	29818	29748	1.77	cps
Beryllium	9-1	1050	1289	1228	1189	10.44	cps
Bismuth	209-1	5185797	5134543	4969403	5096581	2.22	cps
Bismuth	209-2	1625251	1630231	1610330	1621937	0.64	cps
Boron	10-1	4217	4134	3901	4084	4.02	cps
Boron	11-1	17553	17461	18504	17839	3.24	cps
Cadmium	111-1	3447	3213	3290	3317	3.59	cps
Cadmium	106-1	2392	1900	2209	2167	11.47	cps
Cadmium	108-1	129	138	146	138	6.06	cps
Calcium	43-1	10021	10146	10329	10165	1.53	cps
Calcium	44-1	180938	178202	179795	179645	0.76	cps
Chromium	52-2	2707	2684	2730	2707	0.86	cps
Cobalt	59-2	1813	1803	1900	1839	2.89	cps
Copper	63-2	3767	3724	3867	3786	1.94	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	7	20	3	10	88.20	cps
Gadolinium	160-1	75	133	75	94	35.66	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	8811742	8850631	8456748	8706373	2.49	cps
Holmium	165-2	2161287	2170252	2138001	2156513	0.77	cps
Indium	115-1	8105926	8108899	7669484	7961436	3.18	cps
Indium	115-2	399886	401995	395390	399090	0.85	cps
Iron	56-2	33290	32633	33340	33088	1.19	cps
Iron	57-2	856	900	883	880	2.55	cps
Lead	206-1	5535	5713	5724	5657	1.87	cps
Lead	207-1	5257	5034	4979	5090	2.89	cps
Lead	208-1	22764	22603	22636	22668	0.38	cps
Lithium	6-1	907592	911014	849818	889475	3.87	cps
Magnesium	24-2	15543	15834	15709	15695	0.93	cps
Manganese	55-2	333	353	320	336	5.00	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:51:15	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15209	14800	15418	15142	2.07	cps
Molybdenum	95-1	18355	18263	18121	18246	0.65	cps
Molybdenum	96-1	20082	20049	20216	20116	0.44	cps
Molybdenum	97-1	10588	10855	11464	10969	4.09	cps
Molybdenum	98-1	29391	29191	30352	29645	2.09	cps
Neodymium	150-1	33	20	13	22	45.85	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	777	763	910	817	9.93	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	13907	13816	13298	13674	2.40	cps
Rhodium	103-1	7521256	7524197	7166883	7404112	2.77	cps
Rhodium	103-2	2084728	2105741	2064798	2085089	0.98	cps
Scandium	45-1	4481128	4403502	4260480	4381703	2.55	cps
Scandium	45-2	43243	43404	42912	43186	0.58	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	20	24	13	19	29.57	cps
Selenium	82-1	623	547	508	559	10.48	cps
Silicon	28-1	448482	435122	441244	441616	1.51	cps
Silver	109-1	11213	11272	11630	11372	1.99	cps
Silver	107-1	4737	4687	4787	4737	1.06	cps
Sodium	23-2	47020	46326	46519	46622	0.77	cps
Strontium	86-1	3142	3309	3492	3314	5.28	cps
Strontium	88-1	20942	21627	22219	21596	2.96	cps
Sulfur	34-1	333478	333887	331422	332929	0.40	cps
Terbium	159-1	9294552	9339018	8945698	9193089	2.34	cps
Terbium	159-2	2130273	2128837	2089941	2116350	1.08	cps
Thallium	203-1	5885	5793	5727	5802	1.37	cps
Thallium	205-1	13858	13391	13383	13544	2.01	cps
Tin	118-1	30394	30753	31104	30750	1.15	cps
Titanium	47-1	5068	4693	4768	4843	4.10	cps
Uranium	238-1	16912	15953	15794	16220	3.73	cps
Vanadium	51-2	3314	3264	3314	3297	0.88	cps
Yttrium	89-1	8679528	8585719	8282202	8515816	2.44	cps
Yttrium	89-2	301226	297442	296277	298315	0.87	cps
Zinc	66-2	413	360	400	391	7.10	cps
Zirconium	90-1	13732	14091	13032	13618	3.96	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:51:15	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2984	2967	2900	2950	1.50	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:54:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	33	33	0.00	cps
Antimony	121-1	808	550	617	658	20.37	cps
Arsenic	75-2	2	4	9	5	78.12	cps
Barium	135-1	50	83	67	67	25.00	cps
Barium	137-1	108	58	108	92	31.49	cps
Beryllium	9-1	178	228	233	213	14.37	cps
Bismuth	209-1	5188561	5079024	5128062	5131882	1.07	cps
Bismuth	209-2	1650966	1642781	1669430	1654393	0.83	cps
Boron	10-1	1258	1267	1267	1264	0.38	cps
Boron	11-1	5726	5310	5209	5415	5.06	cps
Cadmium	111-1	1371	1288	1283	1314	3.79	cps
Cadmium	106-1	1950	1834	1834	1872	3.60	cps
Cadmium	108-1	21	29	25	25	16.68	cps
Calcium	43-1	1984	1784	1884	1884	5.31	cps
Calcium	44-1	38955	38554	37886	38465	1.40	cps
Chromium	52-2	777	743	790	770	3.12	cps
Cobalt	59-2	40	57	77	58	31.78	cps
Copper	63-2	330	350	343	341	2.99	cps
Dysprosium	156-1	33	17	25	25	33.34	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	0	33	19	89.21	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	58	58	75	64	15.05	cps
Gadolinium	160-2	3	17	27	16	75.27	cps
Holmium	165-1	8621499	8575580	8685561	8627547	0.64	cps
Holmium	165-2	2154446	2157568	2185111	2165708	0.78	cps
Indium	115-1	8045547	7930279	7928534	7968120	0.84	cps
Indium	115-2	402988	399934	406336	403086	0.79	cps
Iron	56-2	3123	3178	3768	3356	10.65	cps
Iron	57-2	100	89	100	96	6.66	cps
Lead	206-1	833	667	689	730	12.40	cps
Lead	207-1	633	628	656	639	2.30	cps
Lead	208-1	2978	2878	2800	2885	3.09	cps
Lithium	6-1	878978	882434	868085	876499	0.85	cps
Magnesium	24-2	333	375	467	392	17.42	cps
Manganese	55-2	77	113	113	101	20.94	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:54:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	517	408	464	11.69	cps
Molybdenum	95-1	275	158	250	228	26.97	cps
Molybdenum	96-1	400	417	367	394	6.45	cps
Molybdenum	97-1	242	117	208	189	34.27	cps
Molybdenum	98-1	325	258	317	300	12.11	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	207	200	273	227	17.89	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3609	3576	3601	3595	0.48	cps
Rhodium	103-1	7542678	7492828	7394389	7476632	1.01	cps
Rhodium	103-2	2106152	2119179	2135275	2120202	0.69	cps
Scandium	45-1	4386514	4298840	4366089	4350481	1.05	cps
Scandium	45-2	43066	42732	43410	43069	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	4	4	6	69.34	cps
Selenium	82-1	-81	-147	-76	-101	-39.09	cps
Silicon	28-1	409000	418516	400102	409206	2.25	cps
Silver	109-1	283	208	175	222	24.97	cps
Silver	107-1	108	100	85	98	12.10	cps
Sodium	23-2	7536	7561	8078	7725	3.96	cps
Strontium	86-1	958	958	1008	975	2.96	cps
Strontium	88-1	258	325	250	278	14.80	cps
Sulfur	34-1	343868	341471	341586	342308	0.39	cps
Terbium	159-1	9150509	9031656	9179737	9120634	0.86	cps
Terbium	159-2	2148574	2114587	2140728	2134630	0.83	cps
Thallium	203-1	250	200	258	236	13.36	cps
Thallium	205-1	558	542	442	514	12.28	cps
Tin	118-1	1400	1300	1258	1320	5.52	cps
Titanium	47-1	167	275	233	225	24.29	cps
Uranium	238-1	50	100	67	72	35.26	cps
Vanadium	51-2	7	10	20	12	56.76	cps
Yttrium	89-1	8559585	8513633	8496916	8523378	0.38	cps
Yttrium	89-2	299463	299601	303010	300691	0.67	cps
Zinc	66-2	83	60	70	71	16.47	cps
Zirconium	90-1	767	817	817	800	3.61	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:54:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	175	192	181	5.33	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:57:33	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	275	292	319	19.75	cps
Antimony	121-1	37194	36860	37520	37192	0.89	cps
Arsenic	75-2	226	276	239	247	10.51	cps
Barium	135-1	36284	36576	36301	36387	0.45	cps
Barium	137-1	63596	63436	63093	63375	0.41	cps
Beryllium	9-1	2434	2134	2511	2360	8.46	cps
Bismuth	209-1	5221896	5212401	5139213	5191170	0.87	cps
Bismuth	209-2	1540778	1646560	1646222	1611187	3.78	cps
Boron	10-1	7060	6877	6985	6974	1.32	cps
Boron	11-1	30349	31819	31803	31324	2.69	cps
Cadmium	111-1	5666	5384	5389	5480	2.95	cps
Cadmium	106-1	2650	2384	2384	2473	6.23	cps
Cadmium	108-1	313	313	275	300	7.22	cps
Calcium	43-1	19456	20850	19548	19951	3.91	cps
Calcium	44-1	339849	341696	338886	340144	0.42	cps
Chromium	52-2	4664	4741	4774	4726	1.19	cps
Cobalt	59-2	3967	4111	4071	4050	1.83	cps
Copper	63-2	7319	7636	7716	7557	2.78	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	142	108	83	111	26.34	cps
Gadolinium	160-2	13	3	27	14	81.07	cps
Holmium	165-1	8851982	8869247	8732336	8817855	0.85	cps
Holmium	165-2	2049037	2168555	2185121	2134238	3.48	cps
Indium	115-1	8220966	8214090	8084636	8173231	0.94	cps
Indium	115-2	381398	404577	404170	396715	3.34	cps
Iron	56-2	248453	256800	258658	254637	2.13	cps
Iron	57-2	6224	6463	6702	6463	3.70	cps
Lead	206-1	11772	11717	11000	11496	3.75	cps
Lead	207-1	10549	10721	10566	10612	0.90	cps
Lead	208-1	47820	47414	46663	47299	1.24	cps
Lithium	6-1	915778	927830	920759	921456	0.66	cps
Magnesium	24-2	32981	33123	33006	33037	0.23	cps
Manganese	55-2	680	693	660	678	2.48	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:57:33	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31780	33142	31220	32047	3.08	cps
Molybdenum	95-1	39952	39341	39241	39511	0.97	cps
Molybdenum	96-1	43855	44098	41515	43156	3.31	cps
Molybdenum	97-1	24815	24765	24540	24707	0.59	cps
Molybdenum	98-1	62486	62453	62092	62344	0.35	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1367	1463	1440	1423	3.54	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	24272	24748	25307	24776	2.09	cps
Rhodium	103-1	7676964	7594962	7477206	7583044	1.32	cps
Rhodium	103-2	2011880	2125614	2131088	2089527	3.22	cps
Scandium	45-1	4455354	4526276	4437883	4473171	1.05	cps
Scandium	45-2	41665	44176	43688	43176	3.08	cps
Selenium	77-2	10	13	17	13	25.01	cps
Selenium	78-2	41	52	46	46	12.00	cps
Selenium	82-1	1219	1199	1367	1262	7.31	cps
Silicon	28-1	487476	489107	488126	488236	0.17	cps
Silver	109-1	19949	18497	20249	19565	4.79	cps
Silver	107-1	8308	7809	8240	8119	3.33	cps
Sodium	23-2	88190	88600	88442	88411	0.23	cps
Strontium	86-1	6460	6652	6519	6544	1.50	cps
Strontium	88-1	46330	46104	46472	46302	0.40	cps
Sulfur	34-1	351884	350887	350754	351175	0.18	cps
Terbium	159-1	9361777	9337596	9361560	9353644	0.15	cps
Terbium	159-2	2030810	2157395	2158028	2115411	3.46	cps
Thallium	203-1	11923	11306	11531	11586	2.70	cps
Thallium	205-1	27982	27481	27807	27756	0.92	cps
Tin	118-1	63828	66055	63527	64470	2.14	cps
Titanium	47-1	10421	10196	10304	10307	1.09	cps
Uranium	238-1	34215	33814	34858	34296	1.54	cps
Vanadium	51-2	6718	7415	7062	7065	4.93	cps
Yttrium	89-1	8749428	8814885	8661927	8742080	0.88	cps
Yttrium	89-2	284214	301991	305825	297343	3.88	cps
Zinc	66-2	613	660	773	682	12.06	cps
Zirconium	90-1	28856	28681	28364	28634	0.87	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 12:57:33	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6560	6535	6218	6438	2.96	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:00:42	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.48	cps
Antimony	121-1	292	467	408	389	22.91	cps
Arsenic	75-2	6	7	6	6	17.29	cps
Barium	135-1	100	33	92	75	48.43	cps
Barium	137-1	108	133	125	122	10.41	cps
Beryllium	9-1	172	144	161	159	8.78	cps
Bismuth	209-1	5242841	5204561	5227460	5224954	0.37	cps
Bismuth	209-2	1719575	1522670	1702633	1648292	6.62	cps
Boron	10-1	867	942	958	922	5.29	cps
Boron	11-1	4409	4001	4067	4159	5.27	cps
Cadmium	111-1	1511	1459	1349	1440	5.72	cps
Cadmium	106-1	2117	2084	1900	2034	5.74	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	1834	2034	1834	1900	6.08	cps
Calcium	44-1	39106	38938	38612	38885	0.65	cps
Chromium	52-2	793	860	713	789	9.31	cps
Cobalt	59-2	43	53	60	52	16.07	cps
Copper	63-2	313	223	307	281	17.84	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	25	17	33	66.14	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	150	117	67	111	37.75	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	8843460	8783692	8901239	8842797	0.66	cps
Holmium	165-2	2211376	2019120	2179931	2136809	4.83	cps
Indium	115-1	8103999	8285023	8073078	8154033	1.40	cps
Indium	115-2	410853	375319	410419	398864	5.11	cps
Iron	56-2	2900	3095	2934	2976	3.50	cps
Iron	57-2	117	106	67	96	27.26	cps
Lead	206-1	733	622	617	657	10.01	cps
Lead	207-1	767	689	661	706	7.76	cps
Lead	208-1	2978	2772	2706	2819	5.03	cps
Lithium	6-1	899313	910810	912469	907530	0.79	cps
Magnesium	24-2	308	375	392	358	12.31	cps
Manganese	55-2	90	87	107	94	11.35	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:00:42	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	233	242	278	25.16	cps
Molybdenum	95-1	117	167	142	142	17.65	cps
Molybdenum	96-1	317	192	283	264	24.53	cps
Molybdenum	97-1	117	100	150	122	20.83	cps
Molybdenum	98-1	208	150	275	211	29.63	cps
Neodymium	150-1	33	13	33	27	43.32	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	213	267	230	237	11.53	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	3817	3609	3367	3598	6.26	cps
Rhodium	103-1	7617797	7655223	7538013	7603678	0.79	cps
Rhodium	103-2	2152885	1955799	2147304	2085329	5.38	cps
Scandium	45-1	4469726	4484141	4468321	4474063	0.20	cps
Scandium	45-2	43772	39463	44179	42471	6.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-46	-81	-134	-87	-50.76	cps
Silicon	28-1	410266	403559	411190	408338	1.02	cps
Silver	109-1	225	233	258	239	7.26	cps
Silver	107-1	85	137	110	111	23.38	cps
Sodium	23-2	6443	6252	6051	6249	3.14	cps
Strontium	86-1	925	767	1183	958	21.95	cps
Strontium	88-1	292	183	267	247	22.94	cps
Sulfur	34-1	348185	348923	348248	348452	0.12	cps
Terbium	159-1	9237974	9258965	9263773	9253571	0.15	cps
Terbium	159-2	2181425	1946346	2181915	2103229	6.46	cps
Thallium	203-1	125	167	183	158	18.97	cps
Thallium	205-1	508	300	425	411	25.51	cps
Tin	118-1	1158	1117	1217	1164	4.32	cps
Titanium	47-1	233	233	142	203	26.10	cps
Uranium	238-1	58	92	75	75	22.22	cps
Vanadium	51-2	17	20	13	17	20.01	cps
Yttrium	89-1	8716840	8719775	8597742	8678119	0.80	cps
Yttrium	89-2	309691	280679	305776	298715	5.27	cps
Zinc	66-2	100	77	100	92	14.61	cps
Zirconium	90-1	492	667	567	575	15.27	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:00:42	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	133	142	125	17.63	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:03:52	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	300	217	247	18.57	cps
Antimony	121-1	36952	35841	36652	36482	1.58	cps
Arsenic	75-2	256	257	265	259	1.89	cps
Barium	135-1	36568	36978	36435	36660	0.77	cps
Barium	137-1	63545	64106	62716	63456	1.10	cps
Beryllium	9-1	2506	2206	2578	2430	8.12	cps
Bismuth	209-1	5172382	5163256	5210971	5182203	0.49	cps
Bismuth	209-2	1673818	1663289	1665567	1667558	0.33	cps
Boron	10-1	6385	6510	7060	6652	5.40	cps
Boron	11-1	30174	30182	31795	30717	3.04	cps
Cadmium	111-1	5478	5671	5330	5493	3.11	cps
Cadmium	106-1	2467	2600	2392	2486	4.25	cps
Cadmium	108-1	392	221	267	293	30.17	cps
Calcium	43-1	19915	19823	20090	19943	0.68	cps
Calcium	44-1	343174	335996	344277	341149	1.32	cps
Chromium	52-2	4651	4751	4698	4700	1.06	cps
Cobalt	59-2	4064	4007	4064	4045	0.81	cps
Copper	63-2	7682	7409	7475	7522	1.90	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	108	50	64	61.65	cps
Erbium	164-2	23	7	10	13	66.12	cps
Gadolinium	160-1	92	83	83	86	5.58	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	8908741	8735752	8865359	8836617	1.02	cps
Holmium	165-2	2243962	2217510	2188949	2216807	1.24	cps
Indium	115-1	8153077	8127756	8148595	8143143	0.17	cps
Indium	115-2	414295	415218	415462	414992	0.15	cps
Iron	56-2	261112	260395	258141	259883	0.60	cps
Iron	57-2	6040	6757	6507	6435	5.66	cps
Lead	206-1	11506	10710	11272	11163	3.66	cps
Lead	207-1	10861	10688	10349	10632	2.45	cps
Lead	208-1	47124	46541	45961	46542	1.25	cps
Lithium	6-1	917473	924008	915705	919062	0.48	cps
Magnesium	24-2	33582	34100	34476	34053	1.32	cps
Manganese	55-2	797	713	560	690	17.40	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:03:52	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	32649	31905	32031	32195	1.24	cps
Molybdenum	95-1	39759	38631	40177	39522	2.02	cps
Molybdenum	96-1	43529	44173	44599	44101	1.22	cps
Molybdenum	97-1	24181	24489	23329	24000	2.50	cps
Molybdenum	98-1	61524	62696	62846	62355	1.16	cps
Neodymium	150-1	13	27	40	27	50.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1693	1550	1430	1558	8.46	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	26108	24773	24965	25282	2.86	cps
Rhodium	103-1	7762547	7607871	7650807	7673742	1.04	cps
Rhodium	103-2	2175106	2168781	2172117	2172002	0.15	cps
Scandium	45-1	4481373	4472892	4489177	4481147	0.18	cps
Scandium	45-2	45166	45015	44296	44826	1.04	cps
Selenium	77-2	23	10	10	14	53.28	cps
Selenium	78-2	31	41	26	33	22.87	cps
Selenium	82-1	1159	1263	1215	1212	4.27	cps
Silicon	28-1	481699	482234	486969	483634	0.60	cps
Silver	109-1	19432	18772	20091	19432	3.39	cps
Silver	107-1	8001	7696	8068	7922	2.51	cps
Sodium	23-2	87863	89380	87100	88114	1.32	cps
Strontium	86-1	6510	6093	6418	6341	3.45	cps
Strontium	88-1	45962	46389	45945	46099	0.55	cps
Sulfur	34-1	349022	347571	349604	348732	0.30	cps
Terbium	159-1	9375929	9323465	9374280	9357891	0.32	cps
Terbium	159-2	2189213	2189343	2173896	2184151	0.41	cps
Thallium	203-1	12073	11756	12090	11973	1.57	cps
Thallium	205-1	27380	28533	28032	27982	2.07	cps
Tin	118-1	64917	64447	63585	64316	1.05	cps
Titanium	47-1	9846	9996	9987	9943	0.85	cps
Uranium	238-1	34115	34775	33605	34165	1.72	cps
Vanadium	51-2	7415	7209	7195	7273	1.70	cps
Yttrium	89-1	8712320	8729717	8709346	8717128	0.13	cps
Yttrium	89-2	313073	308774	309857	310568	0.72	cps
Zinc	66-2	633	810	770	738	12.56	cps
Zirconium	90-1	28606	28581	28339	28509	0.52	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:03:52	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6418	6268	6460	6382	1.58	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:07:53	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	292	258	261	11.21	cps
Antimony	121-1	36443	37470	36618	36844	1.49	cps
Arsenic	75-2	250	272	259	260	4.29	cps
Barium	135-1	37437	36134	36669	36747	1.78	cps
Barium	137-1	63889	64558	63980	64142	0.57	cps
Beryllium	9-1	2261	2195	2261	2239	1.72	cps
Bismuth	209-1	5233381	5181472	5204490	5206448	0.50	cps
Bismuth	209-2	1650705	1656551	1659101	1655453	0.26	cps
Boron	10-1	6543	6410	6510	6488	1.07	cps
Boron	11-1	30116	30341	31176	30544	1.83	cps
Cadmium	111-1	5503	5425	5437	5455	0.78	cps
Cadmium	106-1	2342	2342	2350	2345	0.20	cps
Cadmium	108-1	350	296	304	317	9.21	cps
Calcium	43-1	20658	20340	19706	20235	2.40	cps
Calcium	44-1	339958	338928	339037	339308	0.17	cps
Chromium	52-2	4768	5088	4581	4812	5.33	cps
Cobalt	59-2	4244	4184	4044	4157	2.47	cps
Copper	63-2	7829	7719	7619	7722	1.36	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	117	50	50	72	53.30	cps
Erbium	164-2	20	30	17	22	31.22	cps
Gadolinium	160-1	83	75	58	72	17.62	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	8919603	8809160	8829336	8852700	0.66	cps
Holmium	165-2	2200488	2186265	2185139	2190631	0.39	cps
Indium	115-1	8190417	8204765	8221594	8205592	0.19	cps
Indium	115-2	409975	405200	407768	407648	0.59	cps
Iron	56-2	258391	257718	258124	258078	0.13	cps
Iron	57-2	6318	6407	6202	6309	1.63	cps
Lead	206-1	11355	11372	11500	11409	0.69	cps
Lead	207-1	10332	10099	10332	10254	1.32	cps
Lead	208-1	46067	45772	45850	45897	0.33	cps
Lithium	6-1	916753	933063	912962	920926	1.16	cps
Magnesium	24-2	33683	33248	33607	33513	0.69	cps
Manganese	55-2	737	663	783	728	8.31	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:07:53	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	32331	32181	32824	32445	1.04	cps
Molybdenum	95-1	38673	39551	39609	39277	1.33	cps
Molybdenum	96-1	43387	43496	43930	43604	0.66	cps
Molybdenum	97-1	24523	23663	24264	24150	1.83	cps
Molybdenum	98-1	62604	63692	63567	63288	0.94	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1480	1523	1490	1498	1.51	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	24689	24005	25157	24617	2.35	cps
Rhodium	103-1	7711965	7694186	7665635	7690595	0.30	cps
Rhodium	103-2	2158348	2123796	2137325	2139823	0.81	cps
Scandium	45-1	4505259	4542612	4462091	4503321	0.89	cps
Scandium	45-2	44517	43417	44073	44002	1.26	cps
Selenium	77-2	13	13	23	17	34.65	cps
Selenium	78-2	48	37	35	40	17.47	cps
Selenium	82-1	1267	1264	1126	1219	6.60	cps
Silicon	28-1	489394	484846	483282	485841	0.65	cps
Silver	109-1	19615	20350	19565	19843	2.21	cps
Silver	107-1	8101	8155	8025	8094	0.81	cps
Sodium	23-2	88575	87619	88047	88080	0.54	cps
Strontium	86-1	6502	6544	6168	6405	3.21	cps
Strontium	88-1	46907	46773	46999	46893	0.24	cps
Sulfur	34-1	351179	352903	351602	351894	0.26	cps
Terbium	159-1	9375777	9387933	9436577	9400096	0.34	cps
Terbium	159-2	2182722	2165501	2152774	2166999	0.69	cps
Thallium	203-1	11489	12073	11656	11739	2.56	cps
Thallium	205-1	28249	27297	28040	27862	1.80	cps
Tin	118-1	63074	64858	65335	64422	1.85	cps
Titanium	47-1	10204	10012	10396	10204	1.88	cps
Uranium	238-1	34056	34047	33588	33897	0.79	cps
Vanadium	51-2	7069	7195	7055	7106	1.09	cps
Yttrium	89-1	8778663	8862033	8735316	8792004	0.73	cps
Yttrium	89-2	307723	305358	306083	306388	0.40	cps
Zinc	66-2	757	690	790	746	6.83	cps
Zirconium	90-1	29015	28598	28598	28737	0.84	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102199BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:07:53	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6127	6135	5918	6060	2.03	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-01	Instrumnet Name :	P8
Client Sample ID :	MBDD12	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:11:03	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2109	2109	1959	2059	4.21	cps
Antimony	121-1	1984	2000	2267	2084	7.63	cps
Arsenic	75-2	93	104	106	101	6.97	cps
Barium	135-1	184148	179831	182042	182007	1.19	cps
Barium	137-1	317664	312886	312024	314191	0.97	cps
Beryllium	9-1	167	150	172	163	7.10	cps
Bismuth	209-1	5643603	5615677	5590407	5616563	0.47	cps
Bismuth	209-2	1818624	1817954	1789702	1808760	0.91	cps
Boron	10-1	5726	5793	6102	5874	3.41	cps
Boron	11-1	26759	26851	27695	27101	1.90	cps
Cadmium	111-1	1735	1768	1594	1699	5.44	cps
Cadmium	106-1	2117	2184	2034	2111	3.56	cps
Cadmium	108-1	25	33	54	38	40.07	cps
Calcium	43-1	521682	522101	520926	521570	0.11	cps
Calcium	44-1	8784508	8568029	8560644	8637727	1.47	cps
Chromium	52-2	3544	3957	3827	3776	5.60	cps
Cobalt	59-2	1180	1230	1247	1219	2.85	cps
Copper	63-2	2844	3007	2984	2945	3.00	cps
Dysprosium	156-1	292	217	142	217	34.62	cps
Dysprosium	156-2	53	50	60	54	9.35	cps
Erbium	164-1	133	175	217	175	23.81	cps
Erbium	164-2	53	40	80	58	35.25	cps
Gadolinium	160-1	283	317	308	303	5.73	cps
Gadolinium	160-2	70	73	50	64	19.59	cps
Holmium	165-1	9680078	9459216	9499950	9546415	1.23	cps
Holmium	165-2	2346586	2348963	2337630	2344393	0.25	cps
Indium	115-1	8948888	8782296	8853803	8861662	0.94	cps
Indium	115-2	437102	436890	432294	435429	0.62	cps
Iron	56-2	372600	371343	367232	370392	0.76	cps
Iron	57-2	9726	9348	9392	9489	2.18	cps
Lead	206-1	3050	2884	2767	2900	4.91	cps
Lead	207-1	2784	2656	2411	2617	7.23	cps
Lead	208-1	12314	11436	11169	11639	5.15	cps
Lithium	6-1	1050448	1033409	1043867	1042575	0.82	cps
Magnesium	24-2	316308	315410	308883	313534	1.29	cps
Manganese	55-2	22435	21938	21280	21884	2.65	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-01	Instrumnet Name :	P8
Client Sample ID :	MBDD12	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:11:03	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3576	3759	3359	3565	5.62	cps
Molybdenum	95-1	4701	4801	4993	4832	3.07	cps
Molybdenum	96-1	5818	5201	5351	5457	5.90	cps
Molybdenum	97-1	3176	3442	3167	3262	4.80	cps
Molybdenum	98-1	8220	7944	8261	8142	2.11	cps
Neodymium	150-1	267	387	313	322	18.77	cps
Neodymium	150-2	27	53	23	34	47.73	cps
Nickel	60-2	1850	1643	1620	1705	7.43	cps
Phosphorus	31-2	50	50	25	42	34.64	cps
Potassium	39-2	133393	131812	129642	131615	1.43	cps
Rhodium	103-1	8281688	8078040	8133791	8164506	1.29	cps
Rhodium	103-2	2263897	2240803	2249817	2251506	0.52	cps
Scandium	45-1	4958861	4860878	4885010	4901583	1.04	cps
Scandium	45-2	47831	46634	45347	46604	2.67	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	-77	51	-110	-45	-187.24	cps
Silicon	28-1	23149071	22915937	23207430	23090813	0.67	cps
Silver	109-1	2592	2650	2934	2725	6.71	cps
Silver	107-1	1100	1107	1160	1122	2.93	cps
Sodium	23-2	3732753	3681290	3662414	3692152	0.99	cps
Strontium	86-1	797790	786474	788563	790942	0.76	cps
Strontium	88-1	6924520	6803349	6829042	6852304	0.93	cps
Sulfur	34-1	612636	613782	614835	613751	0.18	cps
Terbium	159-1	10298276	9961578	10098729	10119527	1.67	cps
Terbium	159-2	2356659	2294264	2291482	2314135	1.59	cps
Thallium	203-1	900	833	917	883	4.99	cps
Thallium	205-1	2275	2417	2100	2264	7.01	cps
Tin	118-1	1208	1208	1192	1203	0.80	cps
Titanium	47-1	1308	1283	1267	1286	1.63	cps
Uranium	238-1	6435	6469	6227	6377	2.06	cps
Vanadium	51-2	2897	2864	3124	2961	4.78	cps
Yttrium	89-1	9535420	9462653	9533272	9510449	0.44	cps
Yttrium	89-2	328320	322896	319782	323666	1.33	cps
Zinc	66-2	18359	18709	18372	18480	1.07	cps
Zirconium	90-1	2092	2000	1925	2006	4.16	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-01	Instrumnet Name :	P8
Client Sample ID :	MBDD12	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:11:03	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	558	475	508	8.68	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02	Instrumnet Name :	P8
Client Sample ID :	MBDD14	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:14:10	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	350	408	381	7.69	cps
Antimony	121-1	3401	3367	3726	3498	5.66	cps
Arsenic	75-2	63	91	69	74	19.84	cps
Barium	135-1	383742	379502	376781	380008	0.92	cps
Barium	137-1	667134	662950	664096	664727	0.33	cps
Beryllium	9-1	261	272	261	265	2.42	cps
Bismuth	209-1	5769641	5639326	5683789	5697586	1.16	cps
Bismuth	209-2	1854145	1837150	1823393	1838229	0.84	cps
Boron	10-1	10546	10546	11338	10810	4.23	cps
Boron	11-1	50758	49955	50138	50284	0.84	cps
Cadmium	111-1	1516	1622	1508	1549	4.10	cps
Cadmium	106-1	1892	2167	1959	2006	7.15	cps
Cadmium	108-1	71	58	67	65	9.76	cps
Calcium	43-1	747102	739506	741885	742831	0.52	cps
Calcium	44-1	12618129	12486457	12340806	12481797	1.11	cps
Chromium	52-2	940	1093	973	1002	8.05	cps
Cobalt	59-2	36832	36862	37293	36996	0.70	cps
Copper	63-2	9467	9780	9397	9548	2.14	cps
Dysprosium	156-1	58	33	42	44	28.65	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	58	75	67	67	12.49	cps
Erbium	164-2	13	3	23	13	75.02	cps
Gadolinium	160-1	100	108	108	106	4.56	cps
Gadolinium	160-2	20	27	20	22	17.33	cps
Holmium	165-1	9832496	9769258	9655850	9752535	0.92	cps
Holmium	165-2	2359734	2346331	2315345	2340470	0.97	cps
Indium	115-1	9032793	9001458	8831850	8955367	1.21	cps
Indium	115-2	432845	426349	427223	428806	0.82	cps
Iron	56-2	14686	14936	15331	14984	2.17	cps
Iron	57-2	361	450	333	382	15.97	cps
Lead	206-1	2856	2917	2839	2871	1.43	cps
Lead	207-1	2261	2423	2473	2386	4.63	cps
Lead	208-1	11308	11069	10974	11117	1.55	cps
Lithium	6-1	1059867	1052616	1045096	1052526	0.70	cps
Magnesium	24-2	266342	264263	260622	263742	1.10	cps
Manganese	55-2	125380	124657	123241	124426	0.87	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02	Instrumnet Name :	P8
Client Sample ID :	MBDD14	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:14:10	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	325	317	325	2.56	cps
Molybdenum	95-1	267	217	158	214	25.35	cps
Molybdenum	96-1	350	408	417	392	9.27	cps
Molybdenum	97-1	258	150	200	203	26.74	cps
Molybdenum	98-1	217	242	283	247	13.62	cps
Neodymium	150-1	67	107	80	84	24.12	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	43434	43090	43033	43186	0.50	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	128734	126959	125900	127198	1.13	cps
Rhodium	103-1	8280904	8098274	8141014	8173398	1.17	cps
Rhodium	103-2	2264272	2250418	2244720	2253137	0.45	cps
Scandium	45-1	5008555	4887406	4816602	4904187	1.98	cps
Scandium	45-2	47363	46039	46564	46655	1.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-50	-134	-94	-93	-45.35	cps
Silicon	28-1	26485794	26263826	26009139	26252920	0.91	cps
Silver	109-1	1934	2092	2034	2020	3.97	cps
Silver	107-1	820	787	840	816	3.30	cps
Sodium	23-2	4047052	3995704	3964160	4002305	1.05	cps
Strontium	86-1	953500	939634	939757	944297	0.84	cps
Strontium	88-1	8167616	8082683	8131980	8127426	0.52	cps
Sulfur	34-1	536292	525969	527437	529899	1.05	cps
Terbium	159-1	10374888	10230107	10227730	10277575	0.82	cps
Terbium	159-2	2317678	2300164	2290857	2302899	0.59	cps
Thallium	203-1	1208	1233	1175	1206	2.43	cps
Thallium	205-1	3017	3042	3009	3023	0.57	cps
Tin	118-1	1058	900	850	936	11.62	cps
Titanium	47-1	467	542	392	467	16.07	cps
Uranium	238-1	50	17	83	50	66.67	cps
Vanadium	51-2	217	250	270	246	10.97	cps
Yttrium	89-1	9657803	9565297	9416838	9546646	1.27	cps
Yttrium	89-2	322552	322372	317193	320706	0.95	cps
Zinc	66-2	88916	88611	87702	88409	0.71	cps
Zirconium	90-1	883	758	575	739	20.99	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02	Instrumnet Name :	P8
Client Sample ID :	MBDD14	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:14:10	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	217	158	161	33.65	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-03	Instrumnet Name :	P8
Client Sample ID :	MBDD14D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:17:17	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	342	375	375	8.89	cps
Antimony	121-1	3267	3426	3442	3378	2.86	cps
Arsenic	75-2	74	74	70	73	2.94	cps
Barium	135-1	382618	377506	372733	377619	1.31	cps
Barium	137-1	661991	654664	654562	657072	0.65	cps
Beryllium	9-1	322	178	322	274	30.43	cps
Bismuth	209-1	5712478	5600415	5630415	5647769	1.03	cps
Bismuth	209-2	1824798	1657382	1776636	1752938	4.92	cps
Boron	10-1	11121	11397	11263	11260	1.22	cps
Boron	11-1	51761	51225	51677	51555	0.56	cps
Cadmium	111-1	1659	1548	1604	1604	3.47	cps
Cadmium	106-1	2150	1992	2084	2075	3.83	cps
Cadmium	108-1	54	25	54	44	37.89	cps
Calcium	43-1	746892	733386	728310	736196	1.30	cps
Calcium	44-1	12426412	12260794	12186122	12291109	1.00	cps
Chromium	52-2	957	907	960	941	3.17	cps
Cobalt	59-2	37009	36377	37153	36847	1.12	cps
Copper	63-2	9350	9487	9320	9386	0.95	cps
Dysprosium	156-1	75	33	58	56	37.75	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	42	67	75	61	28.38	cps
Erbium	164-2	7	13	20	13	49.99	cps
Gadolinium	160-1	100	150	108	119	22.43	cps
Gadolinium	160-2	10	10	30	17	69.28	cps
Holmium	165-1	9705162	9506639	9602859	9604887	1.03	cps
Holmium	165-2	2345091	2152382	2262999	2253491	4.29	cps
Indium	115-1	8828140	8770388	8894630	8831052	0.70	cps
Indium	115-2	428839	392527	420272	413879	4.59	cps
Iron	56-2	13713	14197	13318	13742	3.20	cps
Iron	57-2	339	339	383	354	7.26	cps
Lead	206-1	2967	2678	2817	2821	5.12	cps
Lead	207-1	2373	2445	2156	2324	6.47	cps
Lead	208-1	11147	11019	10741	10969	1.89	cps
Lithium	6-1	1043447	1030610	1050490	1041516	0.97	cps
Magnesium	24-2	262598	259380	261076	261018	0.62	cps
Manganese	55-2	124946	123079	123843	123956	0.76	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-03	Instrumnet Name :	P8
Client Sample ID :	MBDD14D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:17:17	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	342	400	364	8.67	cps
Molybdenum	95-1	309	50	108	156	87.15	cps
Molybdenum	96-1	300	317	317	311	3.09	cps
Molybdenum	97-1	267	233	175	225	20.62	cps
Molybdenum	98-1	192	200	92	161	37.42	cps
Neodymium	150-1	47	47	53	49	7.88	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	43073	42863	42956	42964	0.25	cps
Phosphorus	31-2	0	0	42	14	173.21	cps
Potassium	39-2	126732	128129	127129	127330	0.57	cps
Rhodium	103-1	8172919	8005427	8013651	8063999	1.17	cps
Rhodium	103-2	2255554	2054468	2178681	2162901	4.69	cps
Scandium	45-1	4908109	4813885	4835376	4852457	1.02	cps
Scandium	45-2	45410	41372	45019	43934	5.07	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	6	6	6	17.29	cps
Selenium	82-1	-168	-40	-217	-141	-64.67	cps
Silicon	28-1	26205590	26005639	25552646	25921292	1.29	cps
Silver	109-1	1642	1383	1600	1542	9.00	cps
Silver	107-1	643	620	667	643	3.63	cps
Sodium	23-2	4024076	3977400	3941155	3980877	1.04	cps
Strontium	86-1	939244	933641	930822	934569	0.46	cps
Strontium	88-1	8114713	8048377	8005911	8056334	0.68	cps
Sulfur	34-1	524420	523919	516584	521641	0.84	cps
Terbium	159-1	10333603	10065920	10157933	10185819	1.34	cps
Terbium	159-2	2290127	2112400	2233340	2211956	4.10	cps
Thallium	203-1	1250	1167	1100	1172	6.41	cps
Thallium	205-1	3026	3000	2642	2889	7.42	cps
Tin	118-1	950	875	775	867	10.13	cps
Titanium	47-1	517	408	458	461	11.76	cps
Uranium	238-1	92	58	33	61	47.89	cps
Vanadium	51-2	233	303	257	264	13.48	cps
Yttrium	89-1	9490946	9323262	9372237	9395482	0.92	cps
Yttrium	89-2	319344	292164	313288	308266	4.63	cps
Zinc	66-2	88460	88235	87987	88227	0.27	cps
Zirconium	90-1	675	817	808	767	10.37	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-03	Instrumnet Name :	P8
Client Sample ID :	MBDD14D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:17:17	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	100	92	103	12.38	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD14L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:20:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	50	67	64	19.92	cps
Antimony	121-1	700	867	775	781	10.69	cps
Arsenic	75-2	17	22	22	20	15.73	cps
Barium	135-1	66601	67422	66953	66992	0.61	cps
Barium	137-1	117604	117427	114004	116345	1.74	cps
Beryllium	9-1	156	133	122	137	12.38	cps
Bismuth	209-1	5212806	5235657	5191825	5213429	0.42	cps
Bismuth	209-2	1637636	1637639	1638974	1638083	0.05	cps
Boron	10-1	2992	2584	2567	2714	8.87	cps
Boron	11-1	12314	12765	12890	12656	2.39	cps
Cadmium	111-1	1329	1267	1358	1318	3.51	cps
Cadmium	106-1	1875	1775	1909	1853	3.75	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	130721	133371	131511	131868	1.03	cps
Calcium	44-1	2235296	2242504	2235809	2237870	0.18	cps
Chromium	52-2	1113	1017	867	999	12.44	cps
Cobalt	59-2	6588	6555	6515	6553	0.56	cps
Copper	63-2	2184	2174	2194	2184	0.46	cps
Dysprosium	156-1	8	25	42	25	66.68	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	133	100	75	103	28.48	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	8876935	8861713	8821066	8853238	0.33	cps
Holmium	165-2	2171055	2181719	2159017	2170597	0.52	cps
Indium	115-1	8142545	8015174	8059072	8072264	0.80	cps
Indium	115-2	395240	397026	395056	395774	0.27	cps
Iron	56-2	5223	5451	5146	5273	3.01	cps
Iron	57-2	139	156	172	156	10.72	cps
Lead	206-1	922	1089	839	950	13.40	cps
Lead	207-1	794	833	839	822	2.95	cps
Lead	208-1	3700	3767	3428	3632	4.94	cps
Lithium	6-1	932130	937805	931103	933680	0.39	cps
Magnesium	24-2	46293	46209	46402	46301	0.21	cps
Manganese	55-2	22592	21831	21917	22113	1.88	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD14L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:20:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	325	358	367	12.65	cps
Molybdenum	95-1	142	233	150	175	28.97	cps
Molybdenum	96-1	333	325	350	336	3.79	cps
Molybdenum	97-1	225	183	175	194	13.78	cps
Molybdenum	98-1	200	242	283	242	17.24	cps
Neodymium	150-1	20	40	33	31	32.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	7349	7782	7706	7612	3.04	cps
Phosphorus	31-2	8	17	33	19	65.48	cps
Potassium	39-2	25599	24622	24756	24992	2.12	cps
Rhodium	103-1	7521287	7473099	7477113	7490500	0.36	cps
Rhodium	103-2	2082998	2083141	2086176	2084105	0.09	cps
Scandium	45-1	4447914	4412728	4467136	4442593	0.62	cps
Scandium	45-2	43320	42989	42611	42973	0.83	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	-122	-153	-147	-141	-11.79	cps
Silicon	28-1	4892012	4829365	4819062	4846813	0.81	cps
Silver	109-1	725	592	558	625	14.11	cps
Silver	107-1	303	248	232	261	14.36	cps
Sodium	23-2	694240	699284	700519	698014	0.48	cps
Strontium	86-1	164631	164090	164006	164242	0.21	cps
Strontium	88-1	1459373	1439858	1428180	1442470	1.09	cps
Sulfur	34-1	352439	350818	355284	352847	0.64	cps
Terbium	159-1	9341579	9394434	9291307	9342440	0.55	cps
Terbium	159-2	2148875	2135986	2121989	2135617	0.63	cps
Thallium	203-1	317	267	300	294	8.65	cps
Thallium	205-1	708	642	642	664	5.80	cps
Tin	118-1	958	858	783	867	10.13	cps
Titanium	47-1	242	183	275	233	19.88	cps
Uranium	238-1	83	33	33	50	57.75	cps
Vanadium	51-2	43	77	57	59	28.49	cps
Yttrium	89-1	8543966	8568021	8568381	8560122	0.16	cps
Yttrium	89-2	293785	295841	299193	296273	0.92	cps
Zinc	66-2	15779	15482	15429	15563	1.21	cps
Zirconium	90-1	567	717	592	625	12.86	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD14L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:20:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	142	150	167	21.79	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-04	Instrumnet Name :	P8
Client Sample ID :	MBDD14S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:23:31	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14650	15017	15100	14922	1.61	cps
Antimony	121-1	1077346	1073510	1077935	1076264	0.22	cps
Arsenic	75-2	5522	5477	5520	5506	0.46	cps
Barium	135-1	4815665	4797243	4752675	4788528	0.68	cps
Barium	137-1	8254865	8103131	8189955	8182650	0.93	cps
Beryllium	9-1	64478	64829	65477	64928	0.78	cps
Bismuth	209-1	5644795	5575050	5562815	5594220	0.79	cps
Bismuth	209-2	1757196	1737312	1813192	1769233	2.22	cps
Boron	10-1	10855	10546	10871	10757	1.70	cps
Boron	11-1	49427	50975	51928	50777	2.49	cps
Cadmium	111-1	118580	118324	117749	118218	0.36	cps
Cadmium	106-1	12448	12757	12748	12651	1.39	cps
Cadmium	108-1	8028	8048	8128	8068	0.65	cps
Calcium	43-1	737137	730835	728623	732198	0.60	cps
Calcium	44-1	12346458	12258867	12180495	12261940	0.68	cps
Chromium	52-2	221798	220342	222032	221391	0.41	cps
Cobalt	59-2	1204928	1183716	1190479	1193041	0.91	cps
Copper	63-2	514596	509410	514183	512730	0.56	cps
Dysprosium	156-1	67	42	100	69	42.14	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	75	42	42	53	36.46	cps
Erbium	164-2	20	3	13	12	68.66	cps
Gadolinium	160-1	125	133	125	128	3.76	cps
Gadolinium	160-2	7	23	17	16	53.90	cps
Holmium	165-1	9647558	9641473	9526770	9605267	0.71	cps
Holmium	165-2	2274320	2262730	2360102	2299051	2.31	cps
Indium	115-1	8803301	8721410	8729284	8751332	0.52	cps
Indium	115-2	415311	421442	431581	422778	1.94	cps
Iron	56-2	753916	737557	749797	747090	1.14	cps
Iron	57-2	19386	19269	19058	19238	0.86	cps
Lead	206-1	112291	109675	110207	110724	1.25	cps
Lead	207-1	101139	99336	99089	99855	1.12	cps
Lead	208-1	452293	445670	443486	447150	1.03	cps
Lithium	6-1	1058273	1047750	1057702	1054575	0.56	cps
Magnesium	24-2	261140	259383	260113	260212	0.34	cps
Manganese	55-2	279650	276651	280657	278986	0.75	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-04	Instrumnet Name :	P8
Client Sample ID :	MBDD14S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:23:31	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	483	525	500	4.41	cps
Molybdenum	95-1	275	283	242	267	8.27	cps
Molybdenum	96-1	458	525	483	489	6.89	cps
Molybdenum	97-1	317	317	308	314	1.53	cps
Molybdenum	98-1	542	408	367	439	20.83	cps
Neodymium	150-1	187	180	153	173	10.18	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	380869	377831	379219	379306	0.40	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	125900	123379	127615	125631	1.70	cps
Rhodium	103-1	8191348	8140230	8023763	8118447	1.06	cps
Rhodium	103-2	2138156	2183615	2240530	2187434	2.34	cps
Scandium	45-1	4924530	4902963	4861979	4896491	0.65	cps
Scandium	45-2	44584	45547	47567	45900	3.32	cps
Selenium	77-2	140	100	83	108	27.02	cps
Selenium	78-2	361	359	369	363	1.35	cps
Selenium	82-1	14666	14652	14807	14708	0.58	cps
Silicon	28-1	25958880	25715266	25472276	25715474	0.95	cps
Silver	109-1	502376	498723	497984	499694	0.47	cps
Silver	107-1	205405	204040	204377	204607	0.35	cps
Sodium	23-2	3983137	3947703	3944705	3958515	0.54	cps
Strontium	86-1	927451	921078	916832	921787	0.58	cps
Strontium	88-1	8013982	8044346	7978207	8012179	0.41	cps
Sulfur	34-1	519451	518747	511292	516497	0.88	cps
Terbium	159-1	10290342	10182060	10097427	10189943	0.95	cps
Terbium	159-2	2251549	2240141	2296713	2262801	1.32	cps
Thallium	203-1	344432	344441	340928	343267	0.59	cps
Thallium	205-1	814819	810297	813338	812818	0.28	cps
Tin	118-1	1200	1075	1192	1156	6.05	cps
Titanium	47-1	392	433	542	456	17.00	cps
Uranium	238-1	183	325	233	247	29.06	cps
Vanadium	51-2	414903	409130	412465	412166	0.70	cps
Yttrium	89-1	9419948	9429113	9306098	9385053	0.73	cps
Yttrium	89-2	307524	313025	321426	313992	2.23	cps
Zinc	66-2	177993	176821	180018	178277	0.91	cps
Zirconium	90-1	692	750	792	745	6.75	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5192-04	Instrumnet Name :	P8
Client Sample ID :	MBDD14S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:23:31	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	267	258	272	6.37	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-01	Instrumnet Name :	P8
Client Sample ID :	MBDD11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:26:38	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	433	617	525	17.46	cps
Antimony	121-1	1642	1875	1609	1709	8.51	cps
Arsenic	75-2	89	81	72	81	10.33	cps
Barium	135-1	181747	180506	179973	180742	0.50	cps
Barium	137-1	314469	310375	313061	312635	0.67	cps
Beryllium	9-1	183	183	183	183	0.00	cps
Bismuth	209-1	5628556	5598378	5535532	5587488	0.85	cps
Bismuth	209-2	1838135	1825553	1798140	1820609	1.12	cps
Boron	10-1	5726	6052	5643	5807	3.72	cps
Boron	11-1	26876	27277	27193	27115	0.78	cps
Cadmium	111-1	1801	1657	1679	1712	4.53	cps
Cadmium	106-1	2250	2075	1975	2100	6.63	cps
Cadmium	108-1	58	29	42	43	33.98	cps
Calcium	43-1	518326	512790	510300	513805	0.80	cps
Calcium	44-1	8616266	8533872	8502744	8550961	0.69	cps
Chromium	52-2	3267	3724	3517	3503	6.53	cps
Cobalt	59-2	1253	1137	1167	1186	5.11	cps
Copper	63-2	1844	1964	1870	1892	3.33	cps
Dysprosium	156-1	117	150	158	142	15.56	cps
Dysprosium	156-2	33	37	27	32	15.80	cps
Erbium	164-1	150	142	183	158	13.92	cps
Erbium	164-2	43	37	23	34	29.57	cps
Gadolinium	160-1	150	208	275	211	29.63	cps
Gadolinium	160-2	47	33	50	43	20.36	cps
Holmium	165-1	9571920	9639618	9508715	9573418	0.68	cps
Holmium	165-2	2354621	2332037	2315434	2334031	0.84	cps
Indium	115-1	8813188	8797395	8680670	8763751	0.83	cps
Indium	115-2	430384	421649	424597	425543	1.04	cps
Iron	56-2	309050	310774	305853	308559	0.81	cps
Iron	57-2	7891	7758	7641	7763	1.61	cps
Lead	206-1	2111	2161	2273	2182	3.78	cps
Lead	207-1	2028	1945	1822	1932	5.35	cps
Lead	208-1	8990	8668	8768	8809	1.87	cps
Lithium	6-1	1058606	1080196	1058424	1065742	1.17	cps
Magnesium	24-2	315387	309875	310994	312085	0.93	cps
Manganese	55-2	21767	21266	21490	21508	1.17	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-01	Instrumnet Name :	P8
Client Sample ID :	MBDD11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:26:38	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3059	3051	3100	3070	0.87	cps
Molybdenum	95-1	5101	4843	5059	5001	2.77	cps
Molybdenum	96-1	5818	5685	5110	5537	6.80	cps
Molybdenum	97-1	3609	2817	3242	3223	12.30	cps
Molybdenum	98-1	8119	7794	7519	7811	3.85	cps
Neodymium	150-1	200	207	200	202	1.90	cps
Neodymium	150-2	33	23	20	26	27.15	cps
Nickel	60-2	1840	1773	1860	1825	2.49	cps
Phosphorus	31-2	17	8	33	19	65.48	cps
Potassium	39-2	128886	127960	127205	128017	0.66	cps
Rhodium	103-1	8125918	8124051	8117209	8122393	0.06	cps
Rhodium	103-2	2266491	2196646	2243914	2235684	1.59	cps
Scandium	45-1	4863248	4829188	4810617	4834351	0.55	cps
Scandium	45-2	46507	45641	46269	46139	0.97	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	9	2	6	66.68	cps
Selenium	82-1	-105	25	-79	-53	-130.64	cps
Silicon	28-1	22840865	22603026	22637659	22693850	0.57	cps
Silver	109-1	1759	1725	1609	1697	4.64	cps
Silver	107-1	710	753	677	713	5.39	cps
Sodium	23-2	3688656	3634520	3652237	3658471	0.75	cps
Strontium	86-1	785814	774784	776118	778905	0.77	cps
Strontium	88-1	6829052	6836443	6699829	6788441	1.13	cps
Sulfur	34-1	588965	590689	588222	589292	0.21	cps
Terbium	159-1	10084425	10023897	10018546	10042289	0.36	cps
Terbium	159-2	2316764	2255317	2312733	2294938	1.50	cps
Thallium	203-1	767	917	825	836	9.04	cps
Thallium	205-1	1734	1875	2192	1934	12.14	cps
Tin	118-1	1075	875	850	933	13.21	cps
Titanium	47-1	642	683	717	681	5.52	cps
Uranium	238-1	5026	5093	5093	5071	0.76	cps
Vanadium	51-2	2914	2700	2830	2815	3.82	cps
Yttrium	89-1	9430250	9507264	9348911	9428808	0.84	cps
Yttrium	89-2	319444	313938	315625	316336	0.89	cps
Zinc	66-2	22705	22171	22128	22335	1.44	cps
Zirconium	90-1	808	750	633	731	12.20	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-01	Instrumnet Name :	P8
Client Sample ID :	MBDD11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:26:38	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	233	250	206	30.70	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02	Instrumnet Name :	P8
Client Sample ID :	MBDD13	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:29:44	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	242	300	281	12.00	cps
Antimony	121-1	3792	3709	3701	3734	1.36	cps
Arsenic	75-2	89	109	98	99	10.33	cps
Barium	135-1	371712	366551	369638	369301	0.70	cps
Barium	137-1	645591	639808	641792	642397	0.46	cps
Beryllium	9-1	294	294	339	309	8.30	cps
Bismuth	209-1	5574562	5620216	5654779	5616519	0.72	cps
Bismuth	209-2	1833828	1670625	1727766	1744073	4.75	cps
Boron	10-1	10221	10563	11130	10638	4.32	cps
Boron	11-1	49503	50975	50439	50306	1.48	cps
Cadmium	111-1	1572	1549	1541	1554	1.04	cps
Cadmium	106-1	2017	1975	1942	1978	1.90	cps
Cadmium	108-1	33	54	21	36	46.64	cps
Calcium	43-1	734050	723094	718302	725149	1.11	cps
Calcium	44-1	12142167	12168989	12063878	12125011	0.45	cps
Chromium	52-2	1017	943	893	951	6.52	cps
Cobalt	59-2	35479	35281	35612	35457	0.47	cps
Copper	63-2	9217	9183	9193	9198	0.19	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	50	125	42	72	63.55	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	100	100	100	100	0.01	cps
Gadolinium	160-2	20	17	10	16	32.73	cps
Holmium	165-1	9519302	9557774	9620728	9565935	0.54	cps
Holmium	165-2	2337327	2173274	2257016	2255872	3.64	cps
Indium	115-1	8692154	8688333	8794619	8725036	0.69	cps
Indium	115-2	430973	399019	408341	412778	3.98	cps
Iron	56-2	13257	12912	12300	12823	3.78	cps
Iron	57-2	394	333	278	335	17.41	cps
Lead	206-1	3045	2962	2989	2999	1.42	cps
Lead	207-1	2928	2611	2617	2719	6.67	cps
Lead	208-1	12225	12075	11841	12047	1.60	cps
Lithium	6-1	1064822	1077277	1084414	1075504	0.92	cps
Magnesium	24-2	256464	256771	257852	257029	0.28	cps
Manganese	55-2	120649	118437	118040	119042	1.18	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02	Instrumnet Name :	P8
Client Sample ID :	MBDD13	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:29:44	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	292	442	369	20.34	cps
Molybdenum	95-1	83	150	158	131	31.49	cps
Molybdenum	96-1	325	308	208	281	22.49	cps
Molybdenum	97-1	233	367	250	283	25.64	cps
Molybdenum	98-1	292	92	192	192	52.18	cps
Neodymium	150-1	73	13	40	42	71.21	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	42548	41696	41896	42047	1.06	cps
Phosphorus	31-2	25	17	25	22	21.64	cps
Potassium	39-2	122757	126700	123749	124402	1.65	cps
Rhodium	103-1	8098326	7966505	8163777	8076203	1.24	cps
Rhodium	103-2	2240710	2082353	2170713	2164592	3.67	cps
Scandium	45-1	4768685	4817770	4900644	4829033	1.38	cps
Scandium	45-2	45898	43522	43895	44438	2.88	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	-140	-2	-47	-63	-112.08	cps
Silicon	28-1	25617667	25277428	25453115	25449403	0.67	cps
Silver	109-1	1509	1358	1450	1439	5.26	cps
Silver	107-1	618	610	625	618	1.22	cps
Sodium	23-2	3926039	3929725	3964428	3940064	0.54	cps
Strontium	86-1	914938	910360	913517	912938	0.26	cps
Strontium	88-1	7922929	7893817	7854386	7890377	0.44	cps
Sulfur	34-1	512531	509506	505372	509137	0.71	cps
Terbium	159-1	10073832	10178109	10140482	10130808	0.52	cps
Terbium	159-2	2305966	2115113	2194115	2205064	4.35	cps
Thallium	203-1	1142	1375	1350	1289	9.94	cps
Thallium	205-1	2884	2817	3042	2914	3.97	cps
Tin	118-1	1275	1133	1058	1156	9.52	cps
Titanium	47-1	358	508	400	422	18.34	cps
Uranium	238-1	50	42	75	56	31.22	cps
Vanadium	51-2	277	233	250	253	8.63	cps
Yttrium	89-1	9259505	9316974	9361662	9312714	0.55	cps
Yttrium	89-2	319099	297702	304236	307012	3.57	cps
Zinc	66-2	88370	87819	88047	88079	0.31	cps
Zirconium	90-1	708	617	658	661	6.94	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02	Instrumnet Name :	P8
Client Sample ID :	MBDD13	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:29:44	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	192	125	156	21.65	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-03	Instrumnet Name :	P8
Client Sample ID :	MBDD13D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:32:50	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	250	217	269	24.02	cps
Antimony	121-1	3684	3459	3651	3598	3.38	cps
Arsenic	75-2	74	102	100	92	16.88	cps
Barium	135-1	372014	371016	373065	372032	0.28	cps
Barium	137-1	643796	638137	640249	640727	0.45	cps
Beryllium	9-1	233	211	228	224	5.16	cps
Bismuth	209-1	5617178	5685791	5657650	5653540	0.61	cps
Bismuth	209-2	1833940	1809464	1689858	1777754	4.34	cps
Boron	10-1	10871	11130	11080	11027	1.24	cps
Boron	11-1	48675	49344	50925	49648	2.33	cps
Cadmium	111-1	1424	1449	1565	1479	5.09	cps
Cadmium	106-1	1817	1900	2017	1911	5.26	cps
Cadmium	108-1	63	92	67	74	21.43	cps
Calcium	43-1	732346	723595	722885	726275	0.73	cps
Calcium	44-1	12246268	12130181	12042549	12139666	0.84	cps
Chromium	52-2	987	980	987	984	0.39	cps
Cobalt	59-2	35936	36017	35318	35757	1.07	cps
Copper	63-2	9247	9290	9247	9261	0.27	cps
Dysprosium	156-1	58	33	50	47	26.97	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	10	20	3	11	75.52	cps
Gadolinium	160-1	83	142	108	111	26.34	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Holmium	165-1	9599871	9680770	9657256	9645966	0.43	cps
Holmium	165-2	2311626	2294538	2156976	2254380	3.76	cps
Indium	115-1	8758549	8783148	8775299	8772332	0.14	cps
Indium	115-2	424387	414970	390778	410045	4.23	cps
Iron	56-2	12556	12751	13251	12853	2.79	cps
Iron	57-2	350	283	344	326	11.35	cps
Lead	206-1	2973	3073	3139	3062	2.74	cps
Lead	207-1	2511	2506	2545	2521	0.83	cps
Lead	208-1	12042	12097	12653	12264	2.76	cps
Lithium	6-1	1075023	1083279	1066697	1075000	0.77	cps
Magnesium	24-2	260087	252226	257210	256508	1.55	cps
Manganese	55-2	119153	117775	118292	118407	0.59	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-03	Instrumnet Name :	P8
Client Sample ID :	MBDD13D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:32:50	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	317	250	278	12.49	cps
Molybdenum	95-1	117	100	92	103	12.38	cps
Molybdenum	96-1	425	292	367	361	18.51	cps
Molybdenum	97-1	350	350	383	361	5.33	cps
Molybdenum	98-1	183	167	183	178	5.41	cps
Neodymium	150-1	100	53	67	73	32.77	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	42244	41288	41733	41755	1.15	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	125698	123756	125877	125110	0.94	cps
Rhodium	103-1	8026405	7949232	8172434	8049357	1.41	cps
Rhodium	103-2	2275627	2235126	2077528	2196094	4.77	cps
Scandium	45-1	4829307	4791217	4868987	4829837	0.81	cps
Scandium	45-2	45838	45574	42960	44790	3.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	9	0	4	132.32	cps
Selenium	82-1	-121	-86	-192	-133	-40.65	cps
Silicon	28-1	25561077	25231556	25369398	25387344	0.65	cps
Silver	109-1	1342	1242	1450	1345	7.75	cps
Silver	107-1	558	537	547	547	1.98	cps
Sodium	23-2	3977654	3864536	3908539	3916910	1.46	cps
Strontium	86-1	913941	909992	917271	913735	0.40	cps
Strontium	88-1	7961907	7942837	7924467	7943070	0.24	cps
Sulfur	34-1	506838	501249	502698	503595	0.58	cps
Terbium	159-1	10193032	10212796	10223845	10209891	0.15	cps
Terbium	159-2	2332341	2253530	2092981	2226284	5.48	cps
Thallium	203-1	1233	1125	1267	1208	6.13	cps
Thallium	205-1	2909	2825	2700	2812	3.73	cps
Tin	118-1	1050	1192	983	1075	9.90	cps
Titanium	47-1	400	425	525	450	14.70	cps
Uranium	238-1	58	33	42	44	28.65	cps
Vanadium	51-2	213	203	227	214	5.46	cps
Yttrium	89-1	9400451	9275697	9400121	9358756	0.77	cps
Yttrium	89-2	319568	312234	291495	307765	4.73	cps
Zinc	66-2	88624	87779	87199	87867	0.82	cps
Zirconium	90-1	550	708	708	656	13.94	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-03	Instrumnet Name :	P8
Client Sample ID :	MBDD13D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:32:50	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	133	158	136	15.41	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD13L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:35:57	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	142	103	33.76	cps
Antimony	121-1	700	675	767	714	6.64	cps
Arsenic	75-2	13	22	19	18	26.04	cps
Barium	135-1	67355	68377	64323	66685	3.16	cps
Barium	137-1	117082	119065	112719	116289	2.79	cps
Beryllium	9-1	156	139	133	143	8.11	cps
Bismuth	209-1	5084195	5263821	5163280	5170432	1.74	cps
Bismuth	209-2	1643726	1673996	1725294	1681005	2.45	cps
Boron	10-1	3251	2625	2450	2775	15.16	cps
Boron	11-1	12481	12431	12055	12322	1.89	cps
Cadmium	111-1	1260	1150	1225	1212	4.65	cps
Cadmium	106-1	1725	1600	1717	1681	4.16	cps
Cadmium	108-1	8	29	21	19	53.95	cps
Calcium	43-1	135010	133313	128324	132215	2.63	cps
Calcium	44-1	2282380	2282952	2144139	2236491	3.58	cps
Chromium	52-2	833	867	857	852	2.01	cps
Cobalt	59-2	6872	6772	6672	6772	1.48	cps
Copper	63-2	1990	2150	2004	2048	4.34	cps
Dysprosium	156-1	0	92	0	31	173.21	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	67	50	33	50	33.34	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	92	75	125	97	26.19	cps
Gadolinium	160-2	17	10	23	17	39.99	cps
Holmium	165-1	8591703	8908741	8690349	8730264	1.86	cps
Holmium	165-2	2195340	2210146	2202806	2202764	0.34	cps
Indium	115-1	7821800	8145279	7909126	7958735	2.10	cps
Indium	115-2	396417	404235	399849	400167	0.98	cps
Iron	56-2	4757	4862	4773	4797	1.18	cps
Iron	57-2	139	161	150	150	7.41	cps
Lead	206-1	906	822	867	865	4.82	cps
Lead	207-1	850	744	717	770	9.13	cps
Lead	208-1	3823	3411	3400	3545	6.79	cps
Lithium	6-1	918849	941524	947394	935922	1.61	cps
Magnesium	24-2	47028	46235	46719	46661	0.86	cps
Manganese	55-2	21730	22518	22358	22202	1.88	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD13L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:35:57	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	317	242	261	18.70	cps
Molybdenum	95-1	83	92	58	78	22.30	cps
Molybdenum	96-1	250	275	283	269	6.44	cps
Molybdenum	97-1	308	342	250	300	15.47	cps
Molybdenum	98-1	92	108	100	100	8.33	cps
Neodymium	150-1	53	33	27	38	36.74	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	8042	7889	7639	7857	2.59	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	25416	25257	25316	25329	0.32	cps
Rhodium	103-1	7217382	7553749	7386154	7385762	2.28	cps
Rhodium	103-2	2087270	2136229	2130985	2118161	1.27	cps
Scandium	45-1	4291409	4456979	4385176	4377855	1.90	cps
Scandium	45-2	42003	43484	42682	42723	1.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-111	-43	-195	-116	-65.66	cps
Silicon	28-1	4961530	4902045	4652246	4838607	3.39	cps
Silver	109-1	483	492	500	492	1.70	cps
Silver	107-1	208	205	243	219	9.70	cps
Sodium	23-2	704411	711794	709044	708416	0.53	cps
Strontium	86-1	168974	168375	159269	165539	3.29	cps
Strontium	88-1	1463871	1480043	1364004	1435973	4.38	cps
Sulfur	34-1	349936	348771	342503	347070	1.15	cps
Terbium	159-1	9079355	9430684	9211732	9240590	1.92	cps
Terbium	159-2	2118802	2157552	2137614	2137989	0.91	cps
Thallium	203-1	308	250	250	269	12.50	cps
Thallium	205-1	475	450	517	481	7.01	cps
Tin	118-1	883	742	900	842	10.34	cps
Titanium	47-1	233	308	200	247	22.44	cps
Uranium	238-1	33	50	92	58	51.51	cps
Vanadium	51-2	40	63	57	53	22.53	cps
Yttrium	89-1	8310008	8613914	8429193	8451039	1.81	cps
Yttrium	89-2	296457	300642	297953	298351	0.71	cps
Zinc	66-2	15939	16220	15946	16035	1.00	cps
Zirconium	90-1	592	550	583	575	3.83	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-02LX5	Instrumnet Name :	P8
Client Sample ID :	MBDD13L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-11 13:35:57	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	142	133	133	6.25	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-04	Instrumnet Name :	P8
Client Sample ID :	MBDD13S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:39:04	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15326	15059	14883	15089	1.48	cps
Antimony	121-1	1082792	1076762	1078139	1079231	0.29	cps
Arsenic	75-2	5283	5264	5351	5299	0.87	cps
Barium	135-1	4789975	4729149	4730327	4749817	0.73	cps
Barium	137-1	8267151	8212996	8142320	8207489	0.76	cps
Beryllium	9-1	65801	66107	64734	65547	1.10	cps
Bismuth	209-1	5690306	5655958	5662546	5669604	0.32	cps
Bismuth	209-2	1817807	1824754	1755945	1799502	2.11	cps
Boron	10-1	10529	10671	10454	10552	1.04	cps
Boron	11-1	48901	50214	50749	49955	1.90	cps
Cadmium	111-1	118873	119790	117797	118820	0.84	cps
Cadmium	106-1	12823	12465	12673	12654	1.42	cps
Cadmium	108-1	7986	7702	7606	7765	2.54	cps
Calcium	43-1	729827	731658	717052	726179	1.10	cps
Calcium	44-1	12220547	12075124	11952409	12082693	1.11	cps
Chromium	52-2	219642	219703	219415	219587	0.07	cps
Cobalt	59-2	1189084	1188112	1173126	1183441	0.76	cps
Copper	63-2	506853	507428	508867	507716	0.20	cps
Dysprosium	156-1	75	25	67	56	48.22	cps
Dysprosium	156-2	0	13	10	8	89.21	cps
Erbium	164-1	33	75	58	56	37.75	cps
Erbium	164-2	3	27	10	13	90.16	cps
Gadolinium	160-1	125	83	133	114	23.52	cps
Gadolinium	160-2	20	20	17	19	10.18	cps
Holmium	165-1	9704471	9666877	9626460	9665936	0.40	cps
Holmium	165-2	2336094	2329541	2294135	2319924	0.97	cps
Indium	115-1	8770774	8766998	8850980	8796251	0.54	cps
Indium	115-2	426888	421447	420171	422835	0.84	cps
Iron	56-2	742248	738290	738475	739671	0.30	cps
Iron	57-2	18396	18552	19153	18700	2.14	cps
Lead	206-1	111995	111827	109809	111210	1.09	cps
Lead	207-1	99482	100478	99252	99737	0.65	cps
Lead	208-1	449295	450396	446505	448732	0.45	cps
Lithium	6-1	1101471	1088161	1096588	1095407	0.61	cps
Magnesium	24-2	256908	257916	256912	257246	0.23	cps
Manganese	55-2	270618	273763	271894	272092	0.58	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-04	Instrumnet Name :	P8
Client Sample ID :	MBDD13S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:39:04	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	600	517	525	547	8.39	cps
Molybdenum	95-1	225	192	325	247	28.07	cps
Molybdenum	96-1	592	483	500	525	11.11	cps
Molybdenum	97-1	308	317	450	358	22.19	cps
Molybdenum	98-1	500	425	475	467	8.18	cps
Neodymium	150-1	220	227	140	196	24.66	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	375594	372673	372725	373664	0.45	cps
Phosphorus	31-2	25	8	17	17	50.01	cps
Potassium	39-2	125471	125304	123347	124707	0.95	cps
Rhodium	103-1	8098656	7999195	8044999	8047617	0.62	cps
Rhodium	103-2	2239295	2228714	2195097	2221035	1.04	cps
Scandium	45-1	4881404	4873321	4811015	4855247	0.79	cps
Scandium	45-2	46122	45584	45601	45769	0.67	cps
Selenium	77-2	127	103	97	109	14.47	cps
Selenium	78-2	341	333	369	348	5.34	cps
Selenium	82-1	14475	14573	14356	14468	0.75	cps
Silicon	28-1	25329509	25467094	25455996	25417533	0.30	cps
Silver	109-1	501069	498921	494260	498084	0.70	cps
Silver	107-1	205537	204330	202889	204252	0.65	cps
Sodium	23-2	3939700	3962248	3937925	3946624	0.34	cps
Strontium	86-1	916260	912835	911667	913587	0.26	cps
Strontium	88-1	7976906	7851074	7949174	7925718	0.83	cps
Sulfur	34-1	503551	504550	500446	502849	0.43	cps
Terbium	159-1	10395987	10231464	10255352	10294267	0.86	cps
Terbium	159-2	2292176	2278358	2263856	2278130	0.62	cps
Thallium	203-1	340529	341478	336089	339365	0.85	cps
Thallium	205-1	816663	817097	810636	814799	0.44	cps
Tin	118-1	1233	1350	1158	1247	7.74	cps
Titanium	47-1	475	442	542	486	10.47	cps
Uranium	238-1	125	225	158	169	30.05	cps
Vanadium	51-2	410087	406909	409128	408708	0.40	cps
Yttrium	89-1	9471789	9419238	9362255	9417761	0.58	cps
Yttrium	89-2	318272	314806	311662	314913	1.05	cps
Zinc	66-2	177342	178006	177965	177771	0.21	cps
Zirconium	90-1	800	858	833	831	3.52	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5193-04	Instrumnet Name :	P8
Client Sample ID :	MBDD13S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:39:04	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	233	192	206	11.70	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:42:10	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	346193	342902	348227	345774	0.78	cps
Antimony	121-1	4863108	4865645	4784875	4837876	0.95	cps
Arsenic	75-2	58107	58291	57921	58106	0.32	cps
Barium	135-1	5043591	5055847	5012489	5037309	0.44	cps
Barium	137-1	8660323	8611912	8574841	8615692	0.50	cps
Beryllium	9-1	581338	579966	578974	580092	0.20	cps
Bismuth	209-1	5216130	4985618	5249060	5150269	2.79	cps
Bismuth	209-2	1578686	1591171	1567392	1579083	0.75	cps
Boron	10-1	65383	68322	68414	67373	2.56	cps
Boron	11-1	307371	316002	314562	312645	1.48	cps
Cadmium	111-1	1026690	1025943	1018098	1023577	0.46	cps
Cadmium	106-1	107215	106611	105654	106493	0.74	cps
Cadmium	108-1	72988	72750	72343	72693	0.45	cps
Calcium	43-1	4846825	4765018	4753994	4788612	1.06	cps
Calcium	44-1	79914325	79270631	78803796	79329584	0.70	cps
Chromium	52-2	485907	482481	483527	483972	0.36	cps
Cobalt	59-2	998478	985696	983967	989381	0.80	cps
Copper	63-2	1725230	1698267	1741831	1721776	1.28	cps
Dysprosium	156-1	100	142	167	136	24.75	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	67	25	33	42	52.92	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	100	142	175	139	27.05	cps
Gadolinium	160-2	23	17	30	23	28.56	cps
Holmium	165-1	9182693	8665430	9226866	9024996	3.46	cps
Holmium	165-2	2180516	2196154	2169215	2181962	0.62	cps
Indium	115-1	7875228	7451098	7881563	7735963	3.19	cps
Indium	115-2	371695	373917	367562	371058	0.87	cps
Iron	56-2	78461463	77779707	77910757	78050642	0.46	cps
Iron	57-2	2002233	2000173	1987263	1996556	0.41	cps
Lead	206-1	2574179	2580812	2584423	2579805	0.20	cps
Lead	207-1	2361796	2355263	2357070	2358043	0.14	cps
Lead	208-1	10530567	10503066	10521038	10518224	0.13	cps
Lithium	6-1	951721	904165	948881	934922	2.85	cps
Magnesium	24-2	8566410	8481395	8623611	8557139	0.84	cps
Manganese	55-2	267275	268887	268270	268144	0.30	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:42:10	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3972521	3934490	3863122	3923377	1.42	cps
Molybdenum	95-1	2166887	2136289	2126589	2143255	0.98	cps
Molybdenum	96-1	2769535	2725960	2739013	2744836	0.81	cps
Molybdenum	97-1	1286340	1277339	1275041	1279573	0.47	cps
Molybdenum	98-1	3424108	3387829	3380665	3397534	0.69	cps
Neodymium	150-1	240	273	180	231	20.47	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	288561	284362	285044	285989	0.79	cps
Phosphorus	31-2	5301	5160	5218	5226	1.36	cps
Potassium	39-2	2633117	2609527	2633648	2625431	0.52	cps
Rhodium	103-1	7159268	6743768	7207374	7036803	3.62	cps
Rhodium	103-2	1978507	1980749	1926075	1961777	1.58	cps
Scandium	45-1	4476515	4187408	4426753	4363558	3.54	cps
Scandium	45-2	41999	42902	41892	42265	1.31	cps
Selenium	77-2	397	403	450	417	6.97	cps
Selenium	78-2	1361	1446	1352	1387	3.76	cps
Selenium	82-1	64010	64059	63139	63736	0.81	cps
Silicon	28-1	2267263	2290737	2338169	2298723	1.57	cps
Silver	109-1	4859674	4822604	4743596	4808625	1.23	cps
Silver	107-1	1989862	1977503	1956661	1974675	0.85	cps
Sodium	23-2	20833905	20909089	21164949	20969314	0.83	cps
Strontium	86-1	1392411	1372698	1358562	1374557	1.24	cps
Strontium	88-1	11945629	11915975	11817304	11892969	0.56	cps
Sulfur	34-1	645220	642978	638935	642377	0.50	cps
Terbium	159-1	9688457	9320925	9685277	9564887	2.21	cps
Terbium	159-2	2125750	2160265	2113708	2133241	1.13	cps
Thallium	203-1	3221700	3205800	3198507	3208669	0.37	cps
Thallium	205-1	7530473	7559611	7535081	7541722	0.21	cps
Tin	118-1	3438594	3429666	3361304	3409854	1.24	cps
Titanium	47-1	527235	525890	518781	523969	0.87	cps
Uranium	238-1	9728799	9743535	9666713	9713015	0.42	cps
Vanadium	51-2	364394	362084	366248	364242	0.57	cps
Yttrium	89-1	8608948	8059877	8529076	8399301	3.53	cps
Yttrium	89-2	286907	288588	282834	286110	1.03	cps
Zinc	66-2	152150	150445	151608	151401	0.58	cps
Zirconium	90-1	7506666	7445317	7474043	7475342	0.41	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:42:10	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1680831	1682056	1670814	1677900	0.37	cps

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : CCB93 Instrumnet Name : P8
 Client Sample ID : CCB93 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 13:45:23 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	3117	3167	3251	3178	2.12	cps
Arsenic	75-2	6	7	6	6	17.29	cps
Barium	135-1	100	83	67	83	20.00	cps
Barium	137-1	125	200	108	144	33.80	cps
Beryllium	9-1	167	206	194	189	10.60	cps
Bismuth	209-1	5431868	5434406	5435573	5433949	0.03	cps
Bismuth	209-2	1651523	1655331	1660871	1655908	0.28	cps
Boron	10-1	1967	1767	1875	1870	5.36	cps
Boron	11-1	9170	8344	7727	8414	8.60	cps
Cadmium	111-1	1360	1472	1447	1426	4.13	cps
Cadmium	106-1	1875	2050	2017	1981	4.69	cps
Cadmium	108-1	4	25	21	17	66.13	cps
Calcium	43-1	1525	1900	1909	1778	12.32	cps
Calcium	44-1	36382	36766	35805	36318	1.33	cps
Chromium	52-2	713	767	767	749	4.11	cps
Cobalt	59-2	37	50	70	52	32.12	cps
Copper	63-2	373	333	367	358	5.99	cps
Dysprosium	156-1	8	58	17	28	96.44	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	50	17	28	69.27	cps
Erbium	164-2	17	0	3	7	132.33	cps
Gadolinium	160-1	108	92	92	97	9.90	cps
Gadolinium	160-2	7	17	17	13	43.29	cps
Holmium	165-1	9142727	9069220	9005751	9072566	0.76	cps
Holmium	165-2	2157395	2167267	2173760	2166141	0.38	cps
Indium	115-1	8118238	8116676	8036902	8090605	0.57	cps
Indium	115-2	390097	392932	390206	391078	0.41	cps
Iron	56-2	3339	3517	3362	3406	2.84	cps
Iron	57-2	117	94	89	100	14.70	cps
Lead	206-1	600	683	689	657	7.58	cps
Lead	207-1	556	561	539	552	2.10	cps
Lead	208-1	2328	2645	2489	2487	6.37	cps
Lithium	6-1	951420	956733	969998	959384	1.00	cps
Magnesium	24-2	208	275	175	219	23.20	cps
Manganese	55-2	80	70	97	82	16.39	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:45:23	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	508	483	528	10.75	cps
Molybdenum	95-1	342	225	317	294	20.86	cps
Molybdenum	96-1	592	542	433	522	15.50	cps
Molybdenum	97-1	292	375	283	317	16.01	cps
Molybdenum	98-1	358	400	325	361	10.41	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	187	197	196	4.29	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	3417	3226	3401	3348	3.17	cps
Rhodium	103-1	7594106	7531946	7558331	7561461	0.41	cps
Rhodium	103-2	2099204	2109257	2064473	2090978	1.12	cps
Scandium	45-1	4355924	4399159	4387098	4380727	0.51	cps
Scandium	45-2	42234	41866	42324	42141	0.58	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-161	-84	-202	-149	-40.12	cps
Silicon	28-1	410704	403249	403823	405925	1.02	cps
Silver	109-1	383	392	467	414	11.09	cps
Silver	107-1	177	193	207	192	7.82	cps
Sodium	23-2	7402	7035	6760	7066	4.56	cps
Strontium	86-1	1058	900	933	964	8.66	cps
Strontium	88-1	267	317	283	289	8.81	cps
Sulfur	34-1	334268	334855	333511	334211	0.20	cps
Terbium	159-1	9540442	9546660	9527830	9538311	0.10	cps
Terbium	159-2	2127117	2112340	2143580	2127679	0.73	cps
Thallium	203-1	350	400	358	369	7.25	cps
Thallium	205-1	967	825	725	839	14.48	cps
Tin	118-1	2042	2017	2100	2053	2.08	cps
Titanium	47-1	167	133	175	158	13.93	cps
Uranium	238-1	133	108	208	150	34.69	cps
Vanadium	51-2	27	13	10	17	52.93	cps
Yttrium	89-1	8527531	8562977	8455143	8515217	0.65	cps
Yttrium	89-2	292745	287896	291545	290729	0.87	cps
Zinc	66-2	63	60	90	71	23.12	cps
Zirconium	90-1	1225	1242	1217	1228	1.04	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 13:45:23	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	308	233	275	13.89	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BL	Instrumnet Name :	P8
Client Sample ID :	PB102193BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:05:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	8	19	99.00	cps
Antimony	121-1	325	408	292	342	17.59	cps
Arsenic	75-2	4	7	9	7	41.70	cps
Barium	135-1	125	92	83	100	22.05	cps
Barium	137-1	92	75	108	92	18.18	cps
Beryllium	9-1	156	144	144	148	4.33	cps
Bismuth	209-1	5348125	5347994	5290580	5328900	0.62	cps
Bismuth	209-2	1752094	1639634	1587546	1659758	5.07	cps
Boron	10-1	492	450	383	442	12.37	cps
Boron	11-1	2409	2084	2134	2209	7.93	cps
Cadmium	111-1	1219	1330	1249	1266	4.53	cps
Cadmium	106-1	1742	1900	1759	1800	4.83	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	1809	1842	2042	1897	6.65	cps
Calcium	44-1	35521	36114	35521	35719	0.96	cps
Chromium	52-2	770	800	820	797	3.16	cps
Cobalt	59-2	50	20	47	39	42.28	cps
Copper	63-2	277	307	240	274	12.17	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	33	17	22	43.30	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	150	133	108	131	16.06	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	8879768	8941414	8916780	8912654	0.35	cps
Holmium	165-2	2250288	2149746	2093213	2164416	3.68	cps
Indium	115-1	8108853	8224622	8110555	8148010	0.81	cps
Indium	115-2	410852	397553	384716	397707	3.29	cps
Iron	56-2	2573	2900	2567	2680	7.12	cps
Iron	57-2	72	78	100	83	17.63	cps
Lead	206-1	500	494	461	485	4.34	cps
Lead	207-1	439	506	450	465	7.68	cps
Lead	208-1	1906	2189	1856	1983	9.06	cps
Lithium	6-1	947828	962435	952591	954284	0.78	cps
Magnesium	24-2	308	292	283	294	4.32	cps
Manganese	55-2	77	103	93	91	14.79	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BL	Instrumnet Name :	P8
Client Sample ID :	PB102193BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:05:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	342	292	300	12.73	cps
Molybdenum	95-1	50	33	50	44	21.66	cps
Molybdenum	96-1	275	217	233	242	12.43	cps
Molybdenum	97-1	167	167	192	175	8.25	cps
Molybdenum	98-1	100	83	42	75	40.06	cps
Neodymium	150-1	20	7	53	27	90.14	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	160	187	171	8.11	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3159	3217	3267	3214	1.69	cps
Rhodium	103-1	7698634	7615444	7589431	7634503	0.75	cps
Rhodium	103-2	2186638	2088603	2025096	2100113	3.88	cps
Scandium	45-1	4483845	4491209	4512234	4495762	0.33	cps
Scandium	45-2	43959	42795	41866	42873	2.45	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	7	6	6	17.29	cps
Selenium	82-1	-208	-201	-142	-184	-19.76	cps
Silicon	28-1	397282	400318	390209	395936	1.31	cps
Silver	109-1	167	133	158	153	11.36	cps
Silver	107-1	73	68	52	64	17.61	cps
Sodium	23-2	4176	3967	4167	4104	2.88	cps
Strontium	86-1	908	958	867	911	5.04	cps
Strontium	88-1	267	333	292	297	11.33	cps
Sulfur	34-1	355606	363207	351619	356811	1.65	cps
Terbium	159-1	9477667	9523912	9379164	9460248	0.78	cps
Terbium	159-2	2193421	2114293	2049043	2118919	3.41	cps
Thallium	203-1	133	150	75	119	32.97	cps
Thallium	205-1	225	350	158	244	39.81	cps
Tin	118-1	1033	983	1058	1025	3.73	cps
Titanium	47-1	225	125	167	172	29.17	cps
Uranium	238-1	42	92	42	58	49.48	cps
Vanadium	51-2	7	37	13	19	83.40	cps
Yttrium	89-1	8725966	8751750	8702241	8726653	0.28	cps
Yttrium	89-2	304978	295877	288542	296465	2.78	cps
Zinc	66-2	60	57	57	58	3.33	cps
Zirconium	90-1	683	717	800	733	8.20	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BL	Instrumnet Name :	P8
Client Sample ID :	PB102193BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:05:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	175	167	158	13.93	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BS	Instrumnet Name :	P8
Client Sample ID :	PB102193BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:08:35	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	67	33	39	65.47	cps
Antimony	121-1	567	650	642	619	7.41	cps
Arsenic	75-2	9	2	7	6	62.47	cps
Barium	135-1	100	108	117	108	7.69	cps
Barium	137-1	125	108	142	125	13.33	cps
Beryllium	9-1	111	122	117	117	4.77	cps
Bismuth	209-1	5339797	5393946	5368998	5367580	0.50	cps
Bismuth	209-2	1788163	1742761	1740449	1757125	1.53	cps
Boron	10-1	425	608	567	533	18.02	cps
Boron	11-1	2234	2050	1934	2072	7.30	cps
Cadmium	111-1	1084	1403	1309	1265	12.95	cps
Cadmium	106-1	1533	2009	1867	1803	13.53	cps
Cadmium	108-1	21	17	21	19	12.35	cps
Calcium	43-1	1884	1792	2159	1945	9.81	cps
Calcium	44-1	35696	35195	36240	35710	1.46	cps
Chromium	52-2	833	740	853	809	7.48	cps
Cobalt	59-2	57	40	27	41	36.56	cps
Copper	63-2	213	257	240	237	9.24	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	67	117	75	86	31.11	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	8997162	9073382	8902096	8990880	0.95	cps
Holmium	165-2	2257663	2214063	2239086	2236937	0.98	cps
Indium	115-1	8268516	8248339	8339298	8285384	0.58	cps
Indium	115-2	418680	406131	407997	410936	1.65	cps
Iron	56-2	2678	2695	2984	2786	6.17	cps
Iron	57-2	89	67	50	69	28.47	cps
Lead	206-1	2516998	2524443	2476648	2506030	1.03	cps
Lead	207-1	2305812	2324426	2278248	2302829	1.01	cps
Lead	208-1	10256170	10273072	10147960	10225734	0.66	cps
Lithium	6-1	951990	948605	962043	954213	0.73	cps
Magnesium	24-2	250	275	342	289	16.40	cps
Manganese	55-2	87	63	93	81	19.43	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BS	Instrumnet Name :	P8
Client Sample ID :	PB102193BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:08:35	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	242	325	278	15.40	cps
Molybdenum	95-1	33	42	50	42	19.99	cps
Molybdenum	96-1	308	292	300	300	2.78	cps
Molybdenum	97-1	125	108	158	131	19.50	cps
Molybdenum	98-1	50	108	42	67	54.49	cps
Neodymium	150-1	33	7	27	22	62.43	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	227	193	193	17.24	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	3309	3167	3159	3212	2.63	cps
Rhodium	103-1	7710737	7753622	7775796	7746718	0.43	cps
Rhodium	103-2	2158368	2153625	2177151	2163048	0.58	cps
Scandium	45-1	4531939	4526877	4570240	4543019	0.52	cps
Scandium	45-2	44858	44902	43885	44548	1.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	6	4	86.60	cps
Selenium	82-1	-180	-106	-254	-180	-40.95	cps
Silicon	28-1	394886	392439	392653	393326	0.34	cps
Silver	109-1	150	125	92	122	23.95	cps
Silver	107-1	57	63	60	60	5.56	cps
Sodium	23-2	4292	4326	4368	4329	0.87	cps
Strontium	86-1	1058	992	1008	1020	3.40	cps
Strontium	88-1	575	517	567	553	5.71	cps
Sulfur	34-1	353962	356118	356922	355667	0.43	cps
Terbium	159-1	9535883	9535124	9546671	9539226	0.07	cps
Terbium	159-2	2222364	2183073	2172760	2192732	1.19	cps
Thallium	203-1	125	142	108	125	13.33	cps
Thallium	205-1	392	300	233	308	25.78	cps
Tin	118-1	1017	1100	1067	1061	3.95	cps
Titanium	47-1	125	192	192	169	22.71	cps
Uranium	238-1	42	67	17	42	60.00	cps
Vanadium	51-2	23	10	20	18	39.03	cps
Yttrium	89-1	8886924	8847571	8866601	8867032	0.22	cps
Yttrium	89-2	311315	303653	305732	306900	1.29	cps
Zinc	66-2	46177	45819	47327	46441	1.70	cps
Zirconium	90-1	667	583	708	653	9.75	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	PB102193BS	Instrumnet Name :	P8
Client Sample ID :	PB102193BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:08:35	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	167	150	144	17.63	cps

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : I5179-01 Instrumnet Name : P8
 Client Sample ID : DC14357-01-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 14:11:41 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	558	533	503	15.04	cps
Antimony	121-1	1800	1942	1817	1853	4.18	cps
Arsenic	75-2	46	69	41	52	28.35	cps
Barium	135-1	66492	65815	66585	66297	0.63	cps
Barium	137-1	115954	114417	113071	114481	1.26	cps
Beryllium	9-1	144	117	111	124	14.40	cps
Bismuth	209-1	5864012	5735151	5802703	5800622	1.11	cps
Bismuth	209-2	1937836	1925181	1908289	1923769	0.77	cps
Boron	10-1	1842	1800	1892	1845	2.49	cps
Boron	11-1	8036	8303	8194	8178	1.64	cps
Cadmium	111-1	1725	1528	1483	1579	8.14	cps
Cadmium	106-1	2375	2167	2059	2200	7.32	cps
Cadmium	108-1	54	79	71	68	18.70	cps
Calcium	43-1	126448	127425	127887	127253	0.58	cps
Calcium	44-1	2135039	2120295	2154956	2136763	0.81	cps
Chromium	52-2	1007	1007	1090	1035	4.65	cps
Cobalt	59-2	933	997	960	963	3.30	cps
Copper	63-2	576156	573658	570659	573491	0.48	cps
Dysprosium	156-1	75	117	183	125	43.72	cps
Dysprosium	156-2	37	23	20	27	33.08	cps
Erbium	164-1	142	133	92	122	21.92	cps
Erbium	164-2	13	23	17	18	28.64	cps
Gadolinium	160-1	258	325	225	269	18.90	cps
Gadolinium	160-2	70	43	37	50	35.28	cps
Holmium	165-1	10098277	9758846	9742130	9866418	2.04	cps
Holmium	165-2	2474435	2444700	2428372	2449169	0.95	cps
Indium	115-1	9229412	9067585	8959376	9085458	1.50	cps
Indium	115-2	451527	452089	445408	449675	0.82	cps
Iron	56-2	88553	93116	87782	89817	3.21	cps
Iron	57-2	2289	2334	2161	2261	3.95	cps
Lead	206-1	77737	76032	76290	76686	1.20	cps
Lead	207-1	66480	65083	65480	65681	1.10	cps
Lead	208-1	306649	300572	302643	303288	1.02	cps
Lithium	6-1	1040450	1039361	1024620	1034810	0.85	cps
Magnesium	24-2	46159	46385	45725	46090	0.73	cps
Manganese	55-2	29091	29090	28613	28931	0.95	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-01	Instrumnet Name :	P8
Client Sample ID :	DC14357-01-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:11:41	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1083	758	850	897	18.68	cps
Molybdenum	95-1	292	217	167	225	27.96	cps
Molybdenum	96-1	517	642	475	544	15.93	cps
Molybdenum	97-1	308	225	208	247	21.67	cps
Molybdenum	98-1	325	400	392	372	11.04	cps
Neodymium	150-1	127	113	133	124	8.18	cps
Neodymium	150-2	30	17	7	18	65.83	cps
Nickel	60-2	21931	21163	21941	21678	2.06	cps
Phosphorus	31-2	333	275	333	314	10.73	cps
Potassium	39-2	15518	15818	15443	15593	1.27	cps
Rhodium	103-1	8562459	8430266	8401808	8464844	1.01	cps
Rhodium	103-2	2370086	2369909	2365045	2368347	0.12	cps
Scandium	45-1	5061770	4994648	4924699	4993706	1.37	cps
Scandium	45-2	48741	48510	47574	48275	1.28	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	9	2	0	4	132.32	cps
Selenium	82-1	-74	-76	-200	-116	-61.76	cps
Silicon	28-1	4059576	4018642	4029562	4035926	0.53	cps
Silver	109-1	408	433	550	464	16.30	cps
Silver	107-1	217	198	208	208	4.42	cps
Sodium	23-2	988975	997166	989630	991924	0.46	cps
Strontium	86-1	59530	58007	58434	58657	1.34	cps
Strontium	88-1	498948	494917	490667	494844	0.84	cps
Sulfur	34-1	395290	395391	395270	395317	0.02	cps
Terbium	159-1	10579894	10410747	10322185	10437609	1.25	cps
Terbium	159-2	2393104	2396631	2368470	2386068	0.64	cps
Thallium	203-1	183	158	150	164	10.59	cps
Thallium	205-1	300	467	358	375	22.55	cps
Tin	118-1	6394	6318	6218	6310	1.40	cps
Titanium	47-1	3682	2359	2259	2767	28.72	cps
Uranium	238-1	508	550	483	514	6.55	cps
Vanadium	51-2	130	117	103	117	11.43	cps
Yttrium	89-1	9856529	9668377	9618314	9714407	1.29	cps
Yttrium	89-2	338161	335121	334667	335983	0.57	cps
Zinc	66-2	136517	135272	135574	135788	0.48	cps
Zirconium	90-1	4289	2159	2292	2913	40.97	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-01	Instrumnet Name :	P8
Client Sample ID :	DC14357-01-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:11:41	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	450	417	456	9.21	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-02	Instrumnet Name :	P8
Client Sample ID :	DC14357-02-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:14:48	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	42	92	78	40.56	cps
Antimony	121-1	742	625	775	714	11.03	cps
Arsenic	75-2	41	37	65	48	31.73	cps
Barium	135-1	32449	31848	32332	32210	0.99	cps
Barium	137-1	55250	55810	53718	54926	1.97	cps
Beryllium	9-1	144	128	117	130	10.79	cps
Bismuth	209-1	5771476	5703423	5677785	5717561	0.85	cps
Bismuth	209-2	1902466	1891578	1884524	1892856	0.48	cps
Boron	10-1	942	1217	1100	1086	12.71	cps
Boron	11-1	4634	4718	4659	4670	0.92	cps
Cadmium	111-1	1529	1345	1509	1461	6.91	cps
Cadmium	106-1	2167	1900	2150	2072	7.21	cps
Cadmium	108-1	13	21	25	19	32.73	cps
Calcium	43-1	119128	119825	118330	119095	0.63	cps
Calcium	44-1	2039584	2054168	2030197	2041317	0.59	cps
Chromium	52-2	737	793	840	790	6.55	cps
Cobalt	59-2	73	97	87	86	13.68	cps
Copper	63-2	25831	26255	25637	25908	1.22	cps
Dysprosium	156-1	25	67	75	56	48.22	cps
Dysprosium	156-2	10	20	7	12	56.76	cps
Erbium	164-1	150	75	117	114	33.00	cps
Erbium	164-2	10	10	20	13	43.30	cps
Gadolinium	160-1	92	242	92	142	61.13	cps
Gadolinium	160-2	7	17	23	16	53.90	cps
Holmium	165-1	9865905	9775825	9585001	9742244	1.47	cps
Holmium	165-2	2405291	2394387	2349442	2383040	1.24	cps
Indium	115-1	8998509	8946918	8845292	8930240	0.87	cps
Indium	115-2	441895	438307	433266	437823	0.99	cps
Iron	56-2	18785	20501	18657	19315	5.33	cps
Iron	57-2	539	622	550	570	7.94	cps
Lead	206-1	2284	2134	2122	2180	4.13	cps
Lead	207-1	2167	2184	2100	2150	2.05	cps
Lead	208-1	9424	9235	8979	9213	2.42	cps
Lithium	6-1	1049794	1022340	1018311	1030148	1.66	cps
Magnesium	24-2	43919	42523	42047	42829	2.27	cps
Manganese	55-2	5508	5741	5518	5589	2.36	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-02	Instrumnet Name :	P8
Client Sample ID :	DC14357-02-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:14:48	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	858	692	767	772	10.81	cps
Molybdenum	95-1	175	125	233	178	30.50	cps
Molybdenum	96-1	450	433	550	478	13.21	cps
Molybdenum	97-1	308	258	192	253	23.16	cps
Molybdenum	98-1	342	425	342	369	13.02	cps
Neodymium	150-1	33	33	40	36	10.83	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	447	380	453	427	9.50	cps
Phosphorus	31-2	433	350	408	397	10.77	cps
Potassium	39-2	15451	15100	15409	15320	1.25	cps
Rhodium	103-1	8343817	8322984	8227020	8297940	0.75	cps
Rhodium	103-2	2351141	2279991	2269856	2300329	1.93	cps
Scandium	45-1	4915380	4927679	4883266	4908775	0.47	cps
Scandium	45-2	47022	46350	47126	46832	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	6	5	57.32	cps
Selenium	82-1	-138	-141	-151	-144	-4.89	cps
Silicon	28-1	3695691	3758411	3665260	3706454	1.28	cps
Silver	109-1	125	175	125	142	20.38	cps
Silver	107-1	50	73	50	58	23.32	cps
Sodium	23-2	963803	959034	958368	960402	0.31	cps
Strontium	86-1	53991	54284	54752	54342	0.71	cps
Strontium	88-1	466648	463778	458156	462861	0.93	cps
Sulfur	34-1	390896	388121	388982	389333	0.36	cps
Terbium	159-1	10365240	10325582	10082341	10257721	1.49	cps
Terbium	159-2	2378670	2350280	2314761	2347904	1.36	cps
Thallium	203-1	108	108	100	106	4.56	cps
Thallium	205-1	183	158	200	181	11.62	cps
Tin	118-1	475	500	458	478	4.39	cps
Titanium	47-1	550	525	617	564	8.40	cps
Uranium	238-1	292	333	308	311	6.74	cps
Vanadium	51-2	127	77	100	101	24.74	cps
Yttrium	89-1	9603425	9622066	9508926	9578139	0.63	cps
Yttrium	89-2	329466	327500	322653	326540	1.07	cps
Zinc	66-2	967	960	927	951	2.25	cps
Zirconium	90-1	1834	1759	1442	1678	12.39	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-02	Instrumnet Name :	P8
Client Sample ID :	DC14357-02-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:14:48	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	400	317	386	16.48	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-03	Instrumnet Name :	P8
Client Sample ID :	DC14357-03-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:17:55	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	100	150	125	20.00	cps
Antimony	121-1	625	733	717	692	8.43	cps
Arsenic	75-2	44	33	57	45	26.74	cps
Barium	135-1	32884	31990	30820	31898	3.24	cps
Barium	137-1	55208	53693	53960	54287	1.49	cps
Beryllium	9-1	122	72	161	119	37.60	cps
Bismuth	209-1	5603096	5687137	5655696	5648643	0.75	cps
Bismuth	209-2	1853237	1859340	1684914	1799164	5.50	cps
Boron	10-1	908	967	1092	989	9.47	cps
Boron	11-1	4643	4726	4776	4715	1.43	cps
Cadmium	111-1	1338	1304	1472	1371	6.50	cps
Cadmium	106-1	1884	1825	2084	1931	7.02	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	117355	117371	119765	118164	1.17	cps
Calcium	44-1	1979387	2003745	1999902	1994345	0.66	cps
Chromium	52-2	947	753	800	833	12.11	cps
Cobalt	59-2	83	63	67	71	15.07	cps
Copper	63-2	20822	20258	20442	20508	1.40	cps
Dysprosium	156-1	42	83	8	44	84.56	cps
Dysprosium	156-2	13	7	23	14	58.06	cps
Erbium	164-1	58	25	67	50	44.10	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	125	75	67	89	35.50	cps
Gadolinium	160-2	33	30	13	26	41.94	cps
Holmium	165-1	9577049	9517215	9447673	9513979	0.68	cps
Holmium	165-2	2325032	2350173	2156389	2277198	4.63	cps
Indium	115-1	8659340	8684125	8629280	8657582	0.32	cps
Indium	115-2	427492	431545	393111	417383	5.06	cps
Iron	56-2	18380	18603	18307	18430	0.84	cps
Iron	57-2	411	511	578	500	16.78	cps
Lead	206-1	1828	2022	1945	1932	5.07	cps
Lead	207-1	1839	1689	1645	1724	5.91	cps
Lead	208-1	8035	7985	7634	7885	2.77	cps
Lithium	6-1	1013998	1028842	1018779	1020539	0.74	cps
Magnesium	24-2	43685	42874	43559	43373	1.01	cps
Manganese	55-2	5288	5284	5101	5224	2.05	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-03	Instrumnet Name :	P8
Client Sample ID :	DC14357-03-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:17:55	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	708	750	850	770	9.46	cps
Molybdenum	95-1	200	208	308	239	25.24	cps
Molybdenum	96-1	442	517	408	456	12.18	cps
Molybdenum	97-1	300	275	333	303	9.66	cps
Molybdenum	98-1	308	442	325	358	20.27	cps
Neodymium	150-1	40	33	33	36	10.83	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	373	343	303	340	10.33	cps
Phosphorus	31-2	342	283	542	389	34.84	cps
Potassium	39-2	15492	14633	14934	15020	2.90	cps
Rhodium	103-1	7997853	8151549	8038344	8062582	0.99	cps
Rhodium	103-2	2249606	2296585	2072520	2206237	5.36	cps
Scandium	45-1	4756141	4748938	4774576	4759885	0.28	cps
Scandium	45-2	46520	45918	42402	44947	4.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-96	-156	-41	-98	-58.46	cps
Silicon	28-1	3656726	3624228	3621505	3634153	0.54	cps
Silver	109-1	100	125	142	122	17.16	cps
Silver	107-1	48	68	58	58	17.15	cps
Sodium	23-2	959503	951764	945794	952354	0.72	cps
Strontium	86-1	53355	53264	53849	53489	0.59	cps
Strontium	88-1	461297	458045	451167	456836	1.13	cps
Sulfur	34-1	382156	381759	379307	381074	0.40	cps
Terbium	159-1	10094453	10128901	10033480	10085611	0.48	cps
Terbium	159-2	2282279	2348256	2117125	2249220	5.29	cps
Thallium	203-1	100	100	67	89	21.65	cps
Thallium	205-1	200	283	233	239	17.56	cps
Tin	118-1	583	325	683	531	34.85	cps
Titanium	47-1	675	392	433	500	30.60	cps
Uranium	238-1	175	333	283	264	30.67	cps
Vanadium	51-2	87	67	93	82	16.88	cps
Yttrium	89-1	9254538	9323583	9228754	9268958	0.53	cps
Yttrium	89-2	317445	322093	291634	310391	5.29	cps
Zinc	66-2	673	503	610	596	14.43	cps
Zirconium	90-1	1775	1383	1700	1620	12.84	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	I5179-03	Instrumnet Name :	P8
Client Sample ID :	DC14357-03-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:17:55	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	350	317	347	8.43	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:21:02	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	348216	349812	348766	348932	0.23	cps
Antimony	121-1	4731015	4748232	4742235	4740494	0.18	cps
Arsenic	75-2	57558	58034	58142	57911	0.54	cps
Barium	135-1	4863364	4841791	4878475	4861210	0.38	cps
Barium	137-1	8342539	8384961	8343964	8357155	0.29	cps
Beryllium	9-1	562246	570384	566982	566537	0.72	cps
Bismuth	209-1	5107415	5044580	5054481	5068825	0.67	cps
Bismuth	209-2	1553024	1546707	1559371	1553034	0.41	cps
Boron	10-1	66496	66537	67217	66750	0.61	cps
Boron	11-1	306571	311346	310026	309314	0.80	cps
Cadmium	111-1	993209	993104	990463	992259	0.16	cps
Cadmium	106-1	104117	105360	103672	104383	0.84	cps
Cadmium	108-1	69964	71279	69285	70176	1.44	cps
Calcium	43-1	4741401	4677544	4714763	4711236	0.68	cps
Calcium	44-1	78021323	77905045	77701552	77875973	0.21	cps
Chromium	52-2	480912	482038	484127	482359	0.34	cps
Cobalt	59-2	981802	985023	984016	983614	0.17	cps
Copper	63-2	1702734	1671063	1705989	1693262	1.14	cps
Dysprosium	156-1	92	75	92	86	11.18	cps
Dysprosium	156-2	17	17	13	16	12.40	cps
Erbium	164-1	50	75	25	50	50.00	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	92	133	125	117	18.90	cps
Gadolinium	160-2	30	27	30	29	6.65	cps
Holmium	165-1	8852553	8840153	8871202	8854636	0.18	cps
Holmium	165-2	2145463	2140296	2165751	2150503	0.63	cps
Indium	115-1	7671820	7548293	7545988	7588700	0.95	cps
Indium	115-2	370366	368015	371538	369973	0.48	cps
Iron	56-2	77759646	77842968	77805916	77802843	0.05	cps
Iron	57-2	1973238	1990163	1971316	1978239	0.52	cps
Lead	206-1	2517173	2510217	2545242	2524211	0.73	cps
Lead	207-1	2290930	2295739	2309723	2298798	0.42	cps
Lead	208-1	10253422	10225218	10363691	10280777	0.71	cps
Lithium	6-1	898830	885550	883387	889256	0.94	cps
Magnesium	24-2	8507891	8625815	8481626	8538444	0.90	cps
Manganese	55-2	269974	270397	270244	270205	0.08	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:21:02	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3831771	3827557	3813812	3824380	0.25	cps
Molybdenum	95-1	2089149	2130296	2082467	2100638	1.23	cps
Molybdenum	96-1	2651853	2643079	2663554	2652829	0.39	cps
Molybdenum	97-1	1253678	1256201	1249135	1253005	0.29	cps
Molybdenum	98-1	3306834	3316682	3327217	3316911	0.31	cps
Neodymium	150-1	193	200	240	211	11.96	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	283651	283258	283262	283391	0.08	cps
Phosphorus	31-2	5493	5260	5368	5373	2.17	cps
Potassium	39-2	2658497	2660003	2595173	2637891	1.40	cps
Rhodium	103-1	7011680	6855632	6896328	6921214	1.17	cps
Rhodium	103-2	1936602	1940611	1965951	1947721	0.82	cps
Scandium	45-1	4349821	4282030	4278061	4303304	0.94	cps
Scandium	45-2	42708	41852	41796	42119	1.21	cps
Selenium	77-2	390	433	317	380	15.52	cps
Selenium	78-2	1454	1478	1445	1459	1.18	cps
Selenium	82-1	61883	62298	61084	61755	1.00	cps
Silicon	28-1	2246896	2265195	2312682	2274925	1.49	cps
Silver	109-1	4689552	4665091	4679089	4677910	0.26	cps
Silver	107-1	1928885	1929498	1931868	1930084	0.08	cps
Sodium	23-2	21179610	21247421	21035267	21154099	0.51	cps
Strontium	86-1	1350611	1334824	1333749	1339728	0.70	cps
Strontium	88-1	11609762	11460365	11634114	11568080	0.81	cps
Sulfur	34-1	635203	639297	639435	637978	0.38	cps
Terbium	159-1	9335132	9233297	9359129	9309186	0.72	cps
Terbium	159-2	2068388	2082912	2076189	2075830	0.35	cps
Thallium	203-1	3124884	3078880	3127869	3110544	0.88	cps
Thallium	205-1	7294407	7257303	7412773	7321494	1.11	cps
Tin	118-1	3322935	3329281	3289647	3313954	0.64	cps
Titanium	47-1	521514	512581	516699	516932	0.86	cps
Uranium	238-1	9352966	9429560	9405964	9396163	0.42	cps
Vanadium	51-2	362685	364303	361347	362778	0.41	cps
Yttrium	89-1	8324237	8224499	8320534	8289757	0.68	cps
Yttrium	89-2	285899	284279	286801	285660	0.45	cps
Zinc	66-2	149971	152942	150890	151268	1.01	cps
Zirconium	90-1	7322116	7332695	7357533	7337448	0.25	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:21:02	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1657489	1653352	1643700	1651514	0.43	cps

LB Number : LB90019 Operator : Jaswal
 Lab Sample ID : CCB94 Instrumnet Name : P8
 Client Sample ID : CCB94 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-11 14:24:02 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	17	11	43.34	cps
Antimony	121-1	2759	2975	2734	2823	4.71	cps
Arsenic	75-2	2	2	0	1	86.60	cps
Barium	135-1	117	117	42	92	47.24	cps
Barium	137-1	83	150	183	139	36.66	cps
Beryllium	9-1	233	261	244	246	5.68	cps
Bismuth	209-1	5481204	5126441	5404895	5337513	3.50	cps
Bismuth	209-2	1674162	1697316	1669266	1680248	0.89	cps
Boron	10-1	1775	1550	1317	1547	14.81	cps
Boron	11-1	7419	7152	6644	7072	5.57	cps
Cadmium	111-1	1426	1372	1326	1375	3.61	cps
Cadmium	106-1	1984	1917	1842	1914	3.70	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	1675	1458	1959	1697	14.77	cps
Calcium	44-1	35722	37326	36081	36376	2.31	cps
Chromium	52-2	700	730	850	760	10.44	cps
Cobalt	59-2	47	20	47	38	40.76	cps
Copper	63-2	280	263	217	253	12.96	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	17	67	17	33	86.59	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	13	17	23	18	28.64	cps
Holmium	165-1	9002555	8620598	9089494	8904216	2.80	cps
Holmium	165-2	2200285	2172906	2169629	2180940	0.77	cps
Indium	115-1	8112593	7727680	8238540	8026271	3.32	cps
Indium	115-2	400392	395010	398310	397904	0.68	cps
Iron	56-2	3467	3573	3417	3486	2.28	cps
Iron	57-2	100	78	117	98	19.88	cps
Lead	206-1	689	667	667	674	1.90	cps
Lead	207-1	717	633	561	637	12.22	cps
Lead	208-1	2872	2711	2800	2795	2.89	cps
Lithium	6-1	957083	904958	973237	945093	3.78	cps
Magnesium	24-2	250	233	250	244	3.94	cps
Manganese	55-2	83	87	80	83	4.00	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:24:02	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	575	558	542	558	2.99	cps
Molybdenum	95-1	342	358	292	331	10.50	cps
Molybdenum	96-1	508	558	517	528	5.08	cps
Molybdenum	97-1	392	233	300	308	25.78	cps
Molybdenum	98-1	458	508	442	469	7.39	cps
Neodymium	150-1	27	0	47	24	95.78	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	170	157	183	170	7.84	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	3234	3451	3434	3373	3.58	cps
Rhodium	103-1	7564481	7160207	7558351	7427680	3.12	cps
Rhodium	103-2	2133186	2100112	2131395	2121564	0.88	cps
Scandium	45-1	4456734	4218624	4454313	4376557	3.13	cps
Scandium	45-2	42805	43076	42902	42928	0.32	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-12	-44	-73	-43	-70.70	cps
Silicon	28-1	415064	402334	405505	407634	1.63	cps
Silver	109-1	325	242	183	250	28.48	cps
Silver	107-1	120	108	95	108	11.60	cps
Sodium	23-2	8111	7561	7602	7758	3.95	cps
Strontium	86-1	917	1000	967	961	4.36	cps
Strontium	88-1	425	317	292	344	20.58	cps
Sulfur	34-1	335737	340225	339241	338401	0.70	cps
Terbium	159-1	9525649	9130951	9518508	9391703	2.40	cps
Terbium	159-2	2183188	2147426	2146436	2159017	0.97	cps
Thallium	203-1	717	758	683	720	5.22	cps
Thallium	205-1	1925	1750	1609	1761	9.01	cps
Tin	118-1	2309	2275	2125	2236	4.37	cps
Titanium	47-1	167	150	133	150	11.11	cps
Uranium	238-1	150	208	333	231	40.63	cps
Vanadium	51-2	13	10	3	9	57.30	cps
Yttrium	89-1	8665416	8171715	8634412	8490514	3.26	cps
Yttrium	89-2	297697	298079	296874	297550	0.21	cps
Zinc	66-2	17	47	67	43	58.07	cps
Zirconium	90-1	1208	1200	1158	1189	2.25	cps

LB Number :	LB90019	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2017-09-11 14:24:02	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	258	117	233	45.60	cps