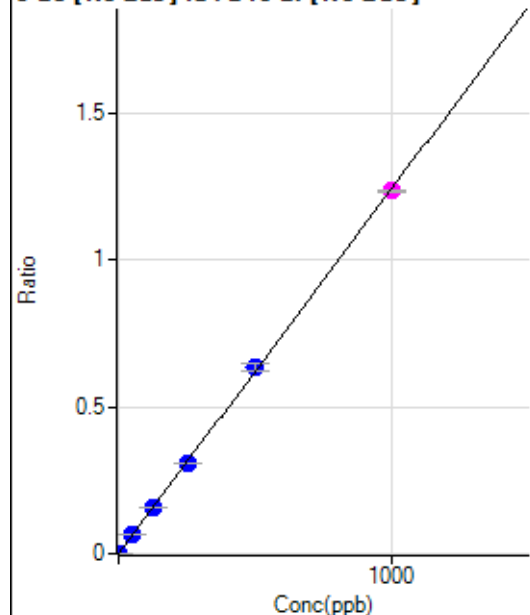


Batch Folder: D:\P8082817-MS.b\
Analysis File: P8082817-MS.batch.bin
DA Date-Time: 2017-08-28 17:14:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-08-28 13:49:27
2			
3	005CALS.d	S02	2017-08-28 13:56:37
4	006CALS.d	S03	2017-08-28 14:00:05
5	007CALS.d	S04	2017-08-28 14:03:34
6	008CALS.d	S05	2017-08-28 14:06:58
7	009CALS.d	S06	2017-08-28 14:10:14
8	010CALS.d	S07	2017-08-28 14:13:26
9	011CALS.d	S08	2017-08-28 14:16:36

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	14.2
2	☐	0.100					
3	☐	1.000	0.827	888.94	0.0011	P	11.2
4	☐	50.000	51.599	49959.48	0.0641	P	3.7
5	☐	125.000	126.912	129066.16	0.1576	P	1.0
6	☐	250.000	248.421	252129.27	0.3085	P	0.3
7	☐	500.000	510.469	496802.01	0.6339	P	4.0
8	☐	1000.000	994.842	969275.34	1.2353	M	0.9
9	☐			338.90	0.0004	P	16.3

$$y = 0.0012 * x + 4.7716E-005$$

$$R = 0.9999$$

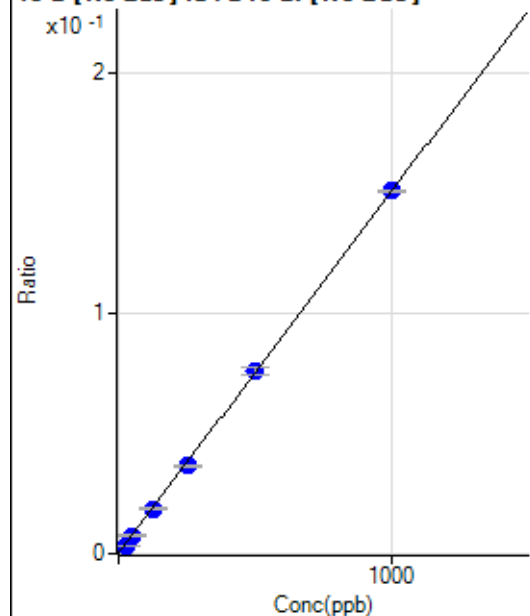
$$DL = 0.01633$$

$$BEC = 0.03843$$

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	166.67	0.0002	P	22.9
2	☐	2.500					
3	☐	25.000	21.056	2789.29	0.0034	P	11.5
4	☐	50.000	48.178	5798.63	0.0075	P	6.8
5	☐	125.000	123.317	15358.81	0.0188	P	1.9
6	☐	250.000	240.978	29798.53	0.0365	P	1.5
7	☐	500.000	502.084	59370.95	0.0757	P	4.1
8	☐	1000.000	1001.614	118401.94	0.1509	P	0.7
9	☐			3842.34	0.0051	P	6.1

$$y = 1.5045E-004 * x + 2.0452E-004$$

$$R = 1.0000$$

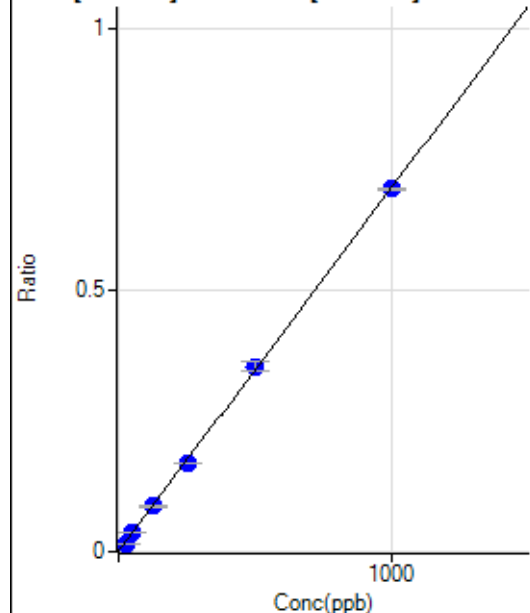
$$DL = 0.9329$$

$$BEC = 1.359$$

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	666.71	0.0008	P	3.2
2	☐	2.500					
3	☐	25.000	21.317	12945.25	0.0156	P	1.2
4	☐	50.000	50.995	28248.14	0.0363	P	5.3
5	☐	125.000	123.408	70959.01	0.0867	P	1.3
6	☐	250.000	243.009	138818.40	0.1699	P	1.0
7	☐	500.000	509.482	278352.11	0.3552	P	4.8
8	☐	1000.000	997.248	544940.64	0.6945	P	0.8
9	☐			17700.56	0.0234	P	6.0

$$y = 6.9558E-004 * x + 8.1811E-004$$

$$R = 0.9999$$

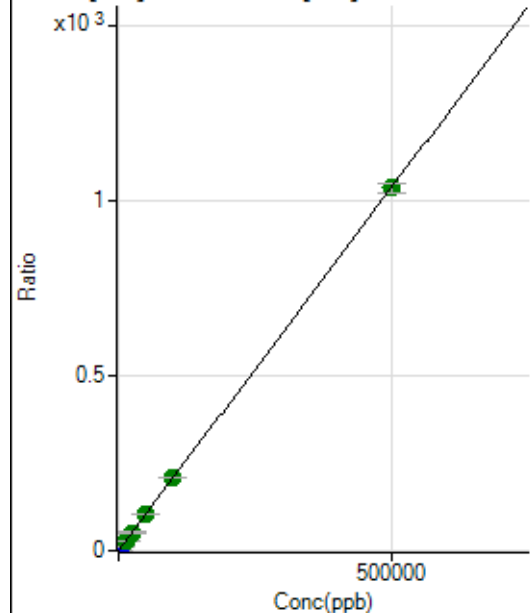
$$DL = 0.1123$$

$$BEC = 1.176$$

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	3044.91	0.0698	P	1.6
2	☐	50.000					
3	☐	500.000	452.511	41341.71	1.0072	P	3.2
4	☐	5000.000	4951.581	450158.26	10.3266	P	1.1
5	☐	12500.000	12717.867	1147569.74	26.4138	A	1.0
6	☐	25000.000	25106.801	2222771.97	52.0764	A	1.2
7	☐	50000.000	50315.940	4255830.87	104.2950	A	0.7
8	☐	100000.00	101500.14	8440204.96	210.3187	A	0.7
9	☐	500000.00	499658.12	41834453.71	1,035.069	A	2.7

$$y = 0.0021 * x + 0.0698$$

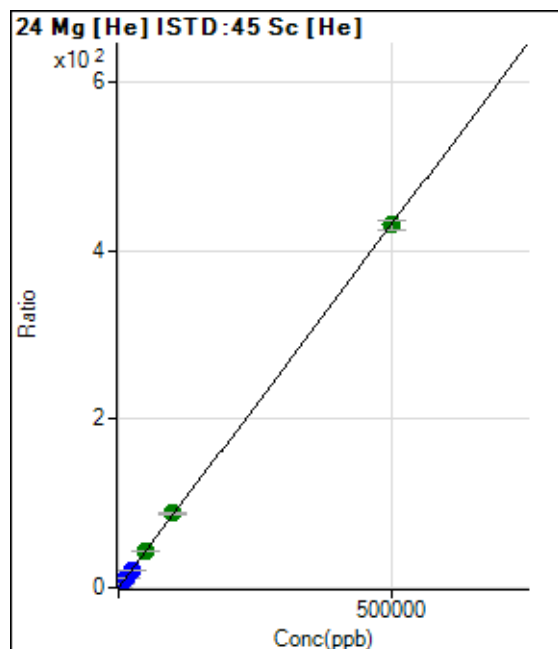
$$R = 1.0000$$

$$DL = 1.608$$

$$BEC = 33.71$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.68	0.0032	P	26.2
2	☐	50.000					
3	☐	500.000	437.459	15642.58	0.3809	P	2.0
4	☐	5000.000	4987.868	187863.48	4.3095	P	0.5
5	☐	12500.000	12539.360	470432.54	10.8290	P	1.7
6	☐	25000.000	24911.874	918120.83	21.5107	P	1.4
7	☐	50000.000	51066.872	1799154.07	44.0913	A	1.0
8	☐	100000.00	102278.31	3543552.21	88.3042	A	1.5
9	☐	500000.00	499441.25	17428234.77	431.1909	A	2.4

$$y = 8.6334\text{E-}004 * x + 0.0032$$

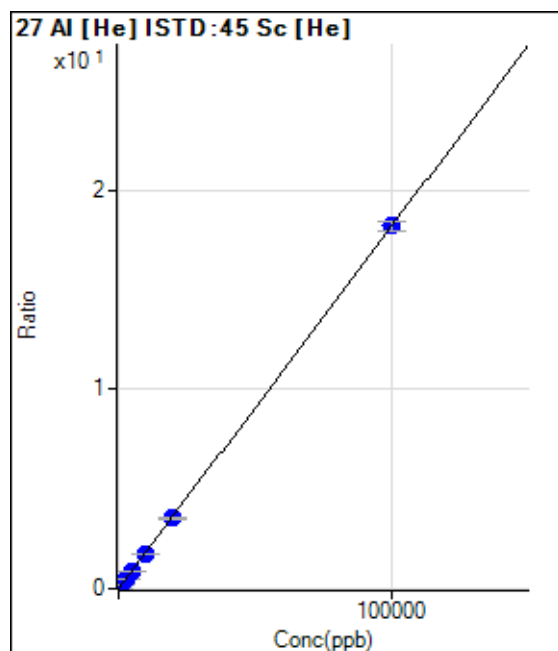
$$R = 1.0000$$

$$DL = 2.955$$

$$BEC = 3.758$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0003	P	91.6
2	☐	2.000					
3	☐	20.000	14.015	119.45	0.0029	P	40.9
4	☐	1000.000	967.703	7691.31	0.1764	P	3.8
5	☐	2500.000	2423.986	19177.63	0.4414	P	0.6
6	☐	5000.000	4770.393	37060.44	0.8683	P	2.3
7	☐	10000.000	9670.502	71812.97	1.7600	P	1.7
8	☐	20000.000	19528.082	142604.43	3.5537	P	1.8
9	☐	100000.00	100141.03	736515.78	18.2220	P	2.3

$$y = 1.8196\text{E-}004 * x + 3.2044\text{E-}004$$

$$R = 1.0000$$

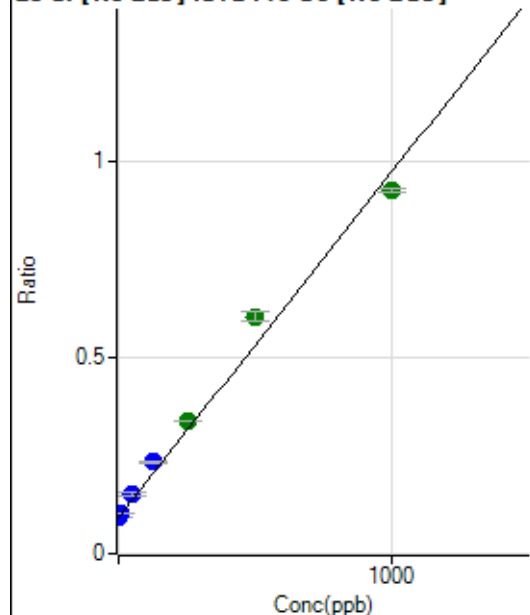
$$DL = 4.841$$

$$BEC = 1.761$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	382829.68	0.0923	P	0.4
2	☐	1.000					
3	☐	10.000	10.006	417059.41	0.1011	P	0.2
4	☐	50.000	68.554	598795.40	0.1525	P	5.1
5	☐	125.000	160.795	962236.12	0.2335	P	1.2
6	☐	250.000	280.085	1400506.36	0.3383	A	0.7
7	☐	500.000	582.353	2374115.07	0.6037	A	3.5
8	☐	1000.000	945.900	3576152.38	0.9230	A	1.0
9	☐			382899.58	0.0989	P	1.7

$$y = 8.7819\text{E-}004 * x + 0.0923$$

$$R = 0.9938$$

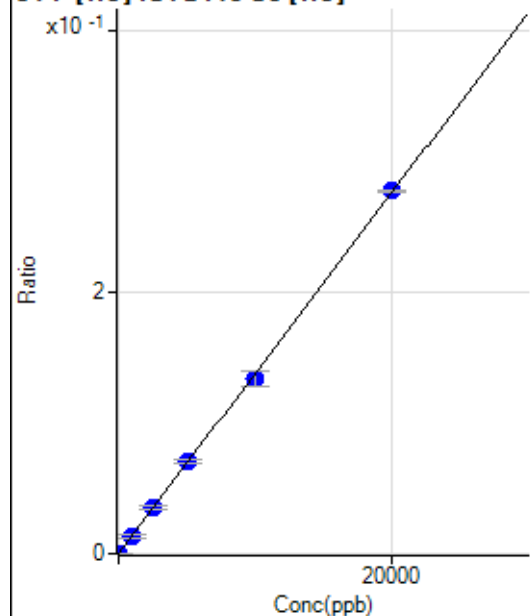
$$DL = 1.349$$

$$BEC = 105.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	2.328	5.55	0.0001	P	86.6
2	☐	0.000					
3	☐	0.000	-2.328	2.78	0.0001	P	173.
4	☐	1000.000	943.906	572.26	0.0131	P	20.1
5	☐	2500.000	2563.143	1539.05	0.0354	P	8.0
6	☐	5000.000	5098.160	3006.02	0.0704	P	4.3
7	☐	10000.000	9693.087	5456.87	0.1338	P	8.1
8	☐	20000.000	20123.828	11140.94	0.2776	P	0.4
9	☐			19.45	0.0005	P	23.2

$$y = 1.3790\text{E-}005 * x + 9.6026\text{E-}005$$

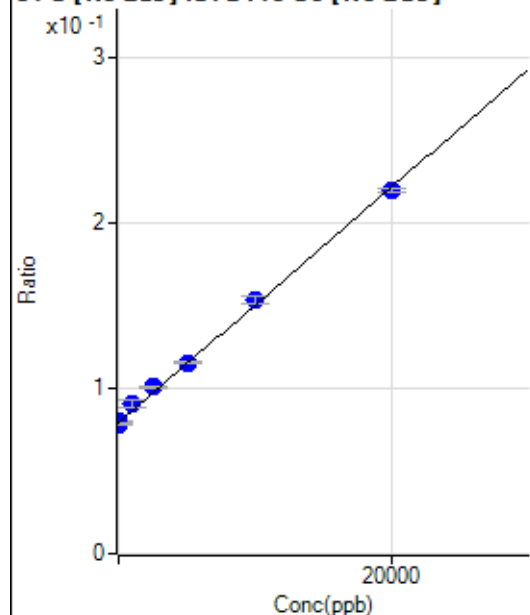
$$R = 0.9998$$

$$DL = 24.11$$

$$BEC = 6.963$$

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	110.234	332079.58	0.0801	P	0.6
2	☐	0.000					
3	☐	0.000	-110.234	323846.95	0.0785	P	0.8
4	☐	1000.000	1621.683	356739.88	0.0909	P	5.0
5	☐	2500.000	3047.413	416299.36	0.1010	P	1.5
6	☐	5000.000	5081.391	478356.80	0.1155	P	0.5
7	☐	10000.000	10430.490	604399.68	0.1537	P	3.2
8	☐	20000.000	19664.897	850672.14	0.2196	P	1.0
9	☐			316409.27	0.0817	P	0.4

$$y = 7.1326E-006 * x + 0.0793$$

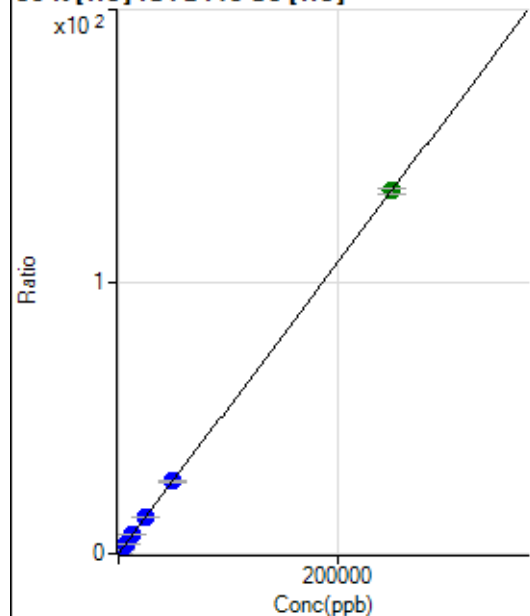
$$R = 0.9990$$

$$DL = 237.7$$

$$BEC = 1.112E+04$$

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	3503.35	0.0804	P	6.7
2	☐	50.000					
3	☐	500.000	440.420	12926.01	0.3152	P	3.7
4	☐	2500.000	2612.323	64216.51	1.4731	P	1.3
5	☐	6250.000	6504.723	154151.99	3.5484	P	1.4
6	☐	12500.000	12825.092	295284.79	6.9181	P	1.4
7	☐	25000.000	25212.576	551803.48	13.5225	P	0.7
8	☐	50000.000	49793.885	1068581.00	26.6280	P	0.9
9	☐	250000.00	249996.33	5390948.25	133.3659	A	1.8

$$y = 5.3315E-004 * x + 0.0804$$

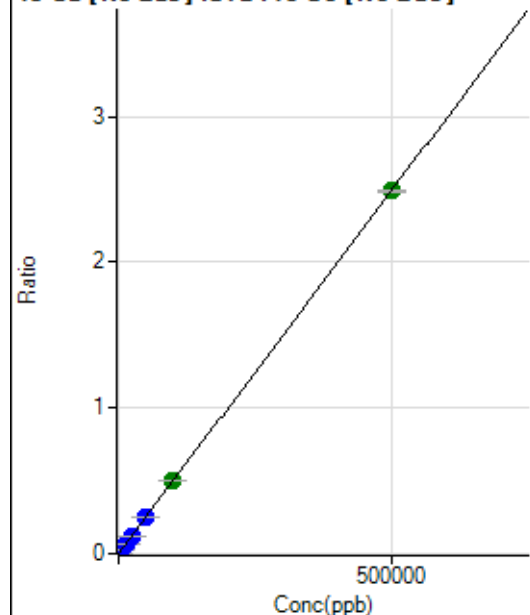
$$R = 1.0000$$

$$DL = 30.13$$

$$BEC = 150.8$$

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	2097.49	0.0005	P	2.9
2	☐	50.000					
3	☐	500.000	453.218	11399.61	0.0028	P	3.7
4	☐	5000.000	5166.741	103091.77	0.0262	P	5.4
5	☐	12500.000	12601.126	260751.40	0.0633	P	1.8
6	☐	25000.000	24786.792	513338.18	0.1240	P	1.0
7	☐	50000.000	50668.321	994784.70	0.2529	P	2.7
8	☐	100000.00	100742.27	1946583.46	0.5024	A	0.9
9	☐	500000.00	499791.22	9647053.95	2.4906	A	0.5

$$y = 4.9822\text{E-}006 * x + 5.0588\text{E-}004$$

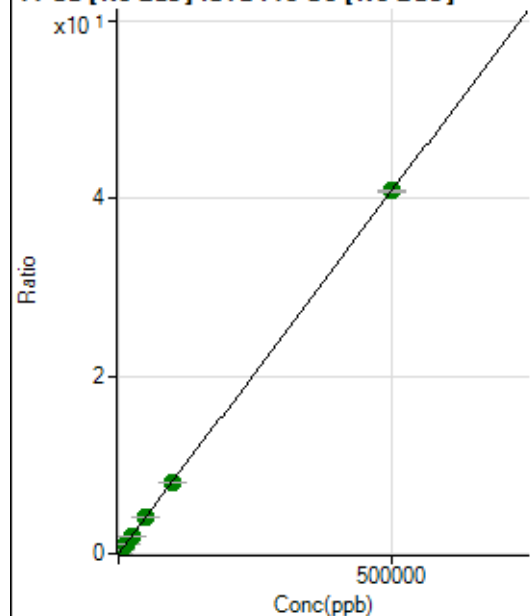
$$R = 1.0000$$

$$DL = 8.78$$

$$BEC = 101.5$$

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	29721.41	0.0072	P	3.2
2	☐	50.000					
3	☐	500.000	457.858	183855.41	0.0446	P	0.3
4	☐	5000.000	5237.479	1709413.81	0.4351	A	3.8
5	☐	12500.000	12697.555	4303682.82	1.0446	A	1.7
6	☐	25000.000	24765.944	8406411.99	2.0306	A	0.6
7	☐	50000.000	50754.198	16336758.00	4.1538	A	2.4
8	☐	100000.00	98126.810	31088759.38	8.0241	A	0.8
9	☐	500000.00	500303.65	158351216.0	40.8821	A	0.4

$$y = 8.1700\text{E-}005 * x + 0.0072$$

$$R = 1.0000$$

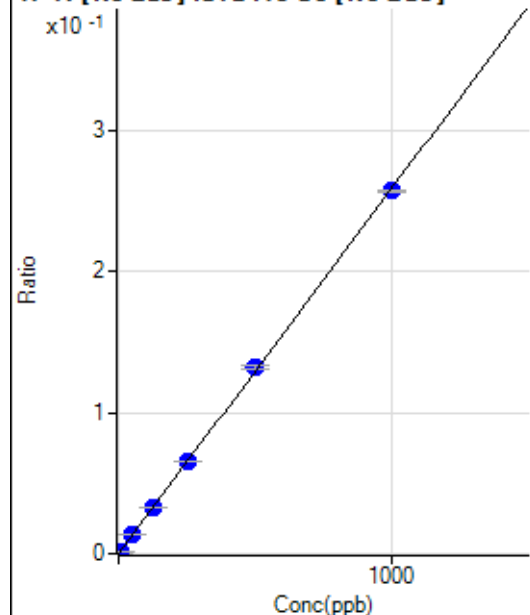
$$DL = 8.384$$

$$BEC = 87.73$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.68	0.0000	P	21.5
2	☐	0.500					
3	☐	5.000	4.457	4901.08	0.0012	P	0.3
4	☐	50.000	51.715	52761.85	0.0134	P	3.0
5	☐	125.000	126.652	135242.48	0.0328	P	2.3
6	☐	250.000	250.955	269145.45	0.0650	P	0.2
7	☐	500.000	510.793	520243.85	0.1323	P	2.9
8	☐	1000.000	994.075	997351.51	0.2574	P	0.8
9	☐			700.05	0.0002	P	16.2

$$y = 2.5892E-004 * x + 3.4184E-005$$

$$R = 0.9999$$

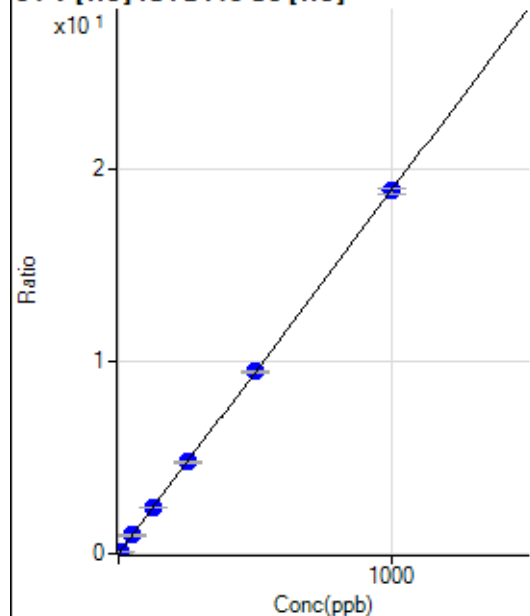
$$DL = 0.08506$$

$$BEC = 0.132$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0004	P	29.0
2	☐	0.500					
3	☐	5.000	4.455	3471.60	0.0845	P	1.5
4	☐	50.000	50.381	41489.26	0.9517	P	0.7
5	☐	125.000	128.061	105073.70	2.4185	P	0.9
6	☐	250.000	252.387	203436.18	4.7661	P	1.0
7	☐	500.000	500.657	385786.79	9.4541	P	0.6
8	☐	1000.000	998.676	756761.84	18.8580	P	1.3
9	☐			216.67	0.0053	P	16.0

$$y = 0.0189 * x + 4.0779E-004$$

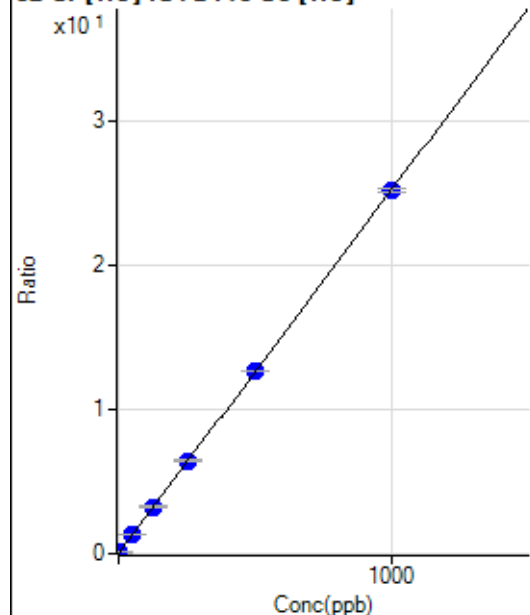
$$R = 1.0000$$

$$DL = 0.01876$$

$$BEC = 0.0216$$

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	767.82	0.0176	P	15.9
2	☐	0.200					
3	☐	2.000	2.053	2845.90	0.0693	P	1.5
4	☐	50.000	51.007	56814.92	1.3033	P	1.2
5	☐	125.000	128.078	141015.49	3.2460	P	1.5
6	☐	250.000	254.981	275094.36	6.4448	P	0.7
7	☐	500.000	501.970	517036.27	12.6706	P	0.7
8	☐	1000.000	997.335	1009556.86	25.1571	P	1.0
9	☐			4426.34	0.1095	P	1.4

$$y = 0.0252 * x + 0.0176$$

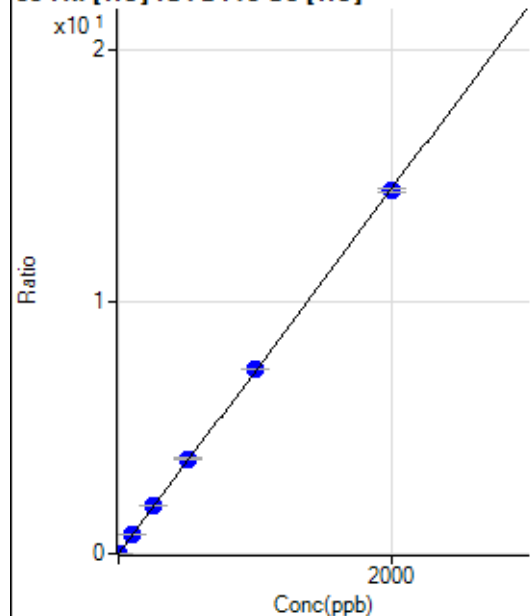
$$R = 1.0000$$

$$DL = 0.3322$$

$$BEC = 0.6981$$

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	48.89	0.0011	P	10.4
2	☐	0.100					
3	☐	1.000	0.996	343.35	0.0083	P	10.6
4	☐	100.000	103.702	32809.83	0.7526	P	0.3
5	☐	250.000	261.716	82440.53	1.8977	P	1.3
6	☐	500.000	518.453	160403.94	3.7581	P	1.7
7	☐	1000.000	1009.158	298460.90	7.3141	P	0.4
8	☐	2000.000	1989.158	578496.95	14.4157	P	1.1
9	☐			1534.55	0.0380	P	4.5

$$y = 0.0072 * x + 0.0011$$

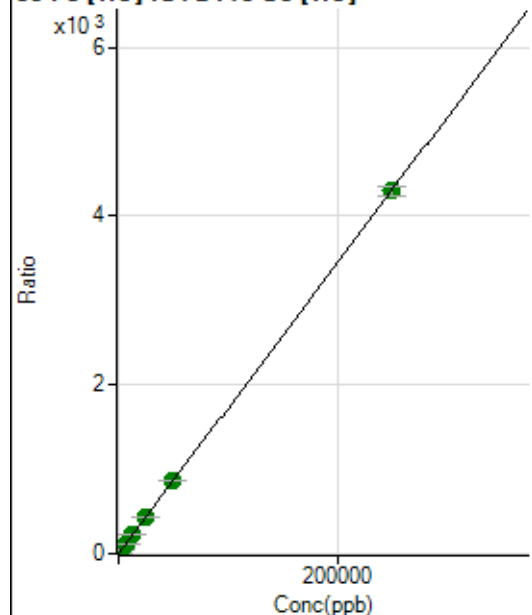
$$R = 0.9999$$

$$DL = 0.04817$$

$$BEC = 0.1547$$

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	1926.12	0.0442	P	1.4
2	☐	5.000					
3	☐	50.000	46.053	34329.90	0.8361	P	3.4
4	☐	2500.000	2619.776	1965916.81	45.0960	A	1.2
5	☐	6250.000	6494.434	4853892.82	111.7277	A	1.3
6	☐	12500.000	12875.736	9452925.91	221.4658	A	1.0
7	☐	25000.000	25355.116	17794668.22	436.0714	A	0.3
8	☐	50000.000	50121.641	34591691.52	861.9767	A	0.6
9	☐	250000.00	249914.06	173709609.4	4,297.770	A	2.4

$$y = 0.0172 * x + 0.0442$$

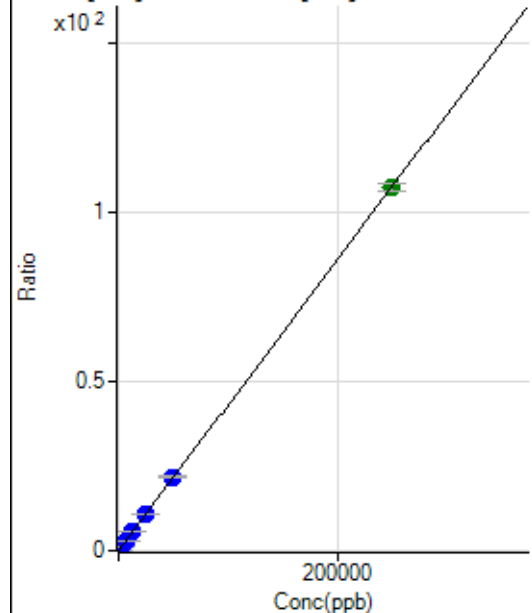
R = 1.0000

DL = 0.1047

BEC = 2.568

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	59.26	0.0014	P	46.1
2	☐	5.000					
3	☐	50.000	46.411	875.98	0.0213	P	7.6
4	☐	2500.000	2610.672	48912.14	1.1220	P	1.0
5	☐	6250.000	6579.682	122753.87	2.8258	P	1.9
6	☐	12500.000	12975.714	237800.89	5.5714	P	1.4
7	☐	25000.000	25595.558	448406.90	10.9887	P	0.6
8	☐	50000.000	50754.628	874372.30	21.7886	P	1.0
9	☐	250000.00	249756.38	4333571.39	107.2132	A	2.1

$$y = 4.2927\text{E-}004 * x + 0.0014$$

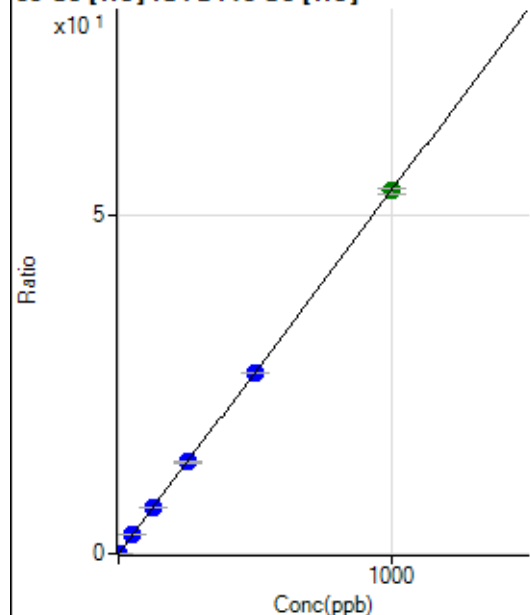
R = 1.0000

DL = 4.374

BEC = 3.162

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0013	P	21.1
2	☐	0.100					
3	☐	1.000	0.927	2087.98	0.0509	P	4.6
4	☐	50.000	50.718	118397.27	2.7159	P	0.4
5	☐	125.000	127.892	297426.13	6.8466	P	1.6
6	☐	250.000	252.368	576616.60	13.5090	P	1.1
7	☐	500.000	499.404	1090801.67	26.7313	P	0.4
8	☐	1000.000	999.309	2146389.64	53.4880	A	1.7
9	☐			2546.95	0.0631	P	10.7

$$y = 0.0535 * x + 0.0013$$

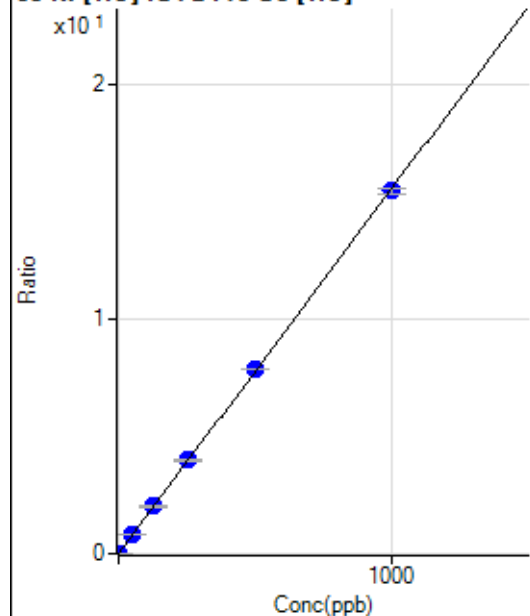
$$R = 1.0000$$

$$DL = 0.01569$$

$$BEC = 0.02479$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.11	0.0035	P	12.4
2	☐	0.100					
3	☐	1.000	0.905	718.92	0.0175	P	2.3
4	☐	50.000	51.742	35158.92	0.8065	P	0.7
5	☐	125.000	129.616	87537.40	2.0152	P	2.1
6	☐	250.000	257.244	170559.95	3.9960	P	1.4
7	☐	500.000	505.729	320435.54	7.8526	P	0.5
8	☐	1000.000	994.660	619638.51	15.4411	P	1.4
9	☐			1665.69	0.0412	P	4.0

$$y = 0.0155 * x + 0.0035$$

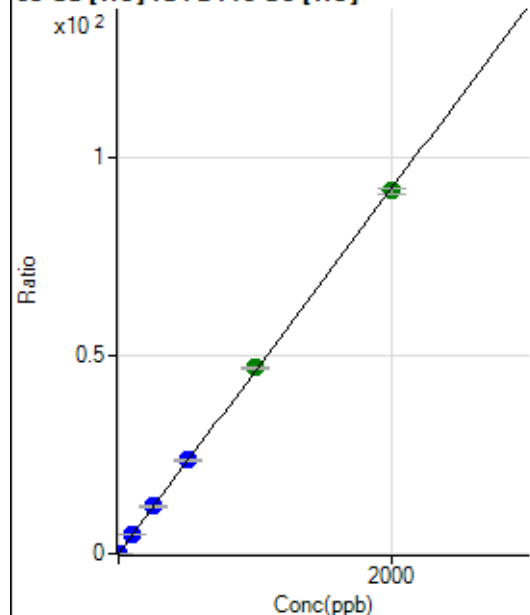
$$R = 0.9999$$

$$DL = 0.08308$$

$$BEC = 0.2231$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.23	0.0058	P	5.3
2	☐	0.200					
3	☐	2.000	2.019	4047.33	0.0986	P	4.6
4	☐	100.000	102.537	205766.19	4.7203	P	1.3
5	☐	250.000	259.237	518049.47	11.9253	P	1.7
6	☐	500.000	514.262	1009483.68	23.6511	P	1.4
7	☐	1000.000	1016.272	1907048.53	46.7331	A	0.2
8	☐	2000.000	1987.017	3666461.41	91.3672	A	1.5
9	☐			5585.65	0.1382	P	4.7

$$y = 0.0460 * x + 0.0058$$

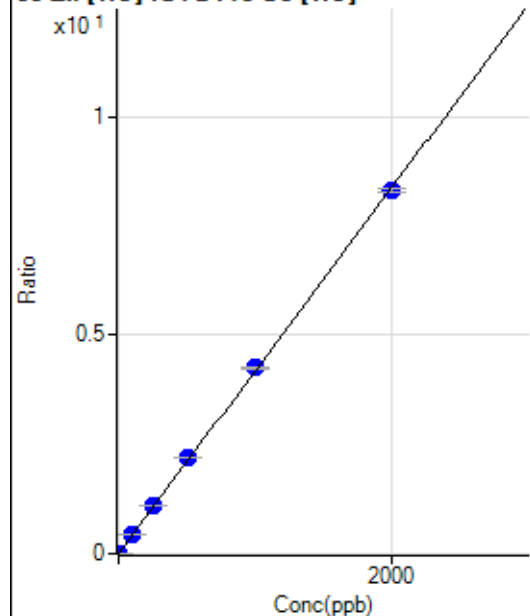
$$R = 0.9999$$

$$DL = 0.0199$$

$$BEC = 0.1258$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0010	P	34.1
2	☐	0.200					
3	☐	2.000	1.820	353.35	0.0086	P	4.2
4	☐	100.000	106.076	19403.78	0.4451	P	0.3
5	☐	250.000	264.769	48203.57	1.1095	P	0.9
6	☐	500.000	521.983	93330.18	2.1864	P	0.4
7	☐	1000.000	1016.447	173694.42	4.2566	P	0.7
8	☐	2000.000	1984.131	333402.16	8.3080	P	0.9
9	☐			1255.64	0.0311	P	8.9

$$y = 0.0042 * x + 9.9479E-004$$

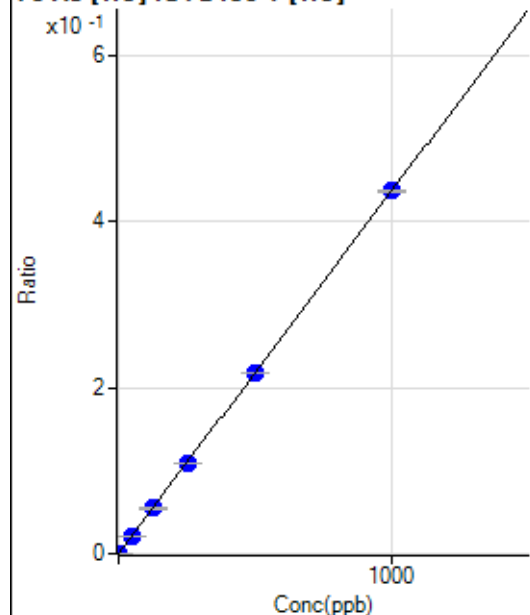
$$R = 0.9999$$

$$DL = 0.2432$$

$$BEC = 0.2376$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	69.8
2	☐	0.100					
3	☐	1.000	0.864	116.67	0.0004	P	4.7
4	☐	50.000	48.932	6947.48	0.0214	P	1.7
5	☐	125.000	125.182	17741.11	0.0547	P	1.6
6	☐	250.000	250.349	34527.00	0.1093	P	1.0
7	☐	500.000	498.908	64698.60	0.2179	P	0.5
8	☐	1000.000	1000.490	125614.35	0.4370	P	0.8
9	☐			42.60	0.0001	P	12.8

$$y = 4.3674\text{E-}004 * x + 9.5177\text{E-}006$$

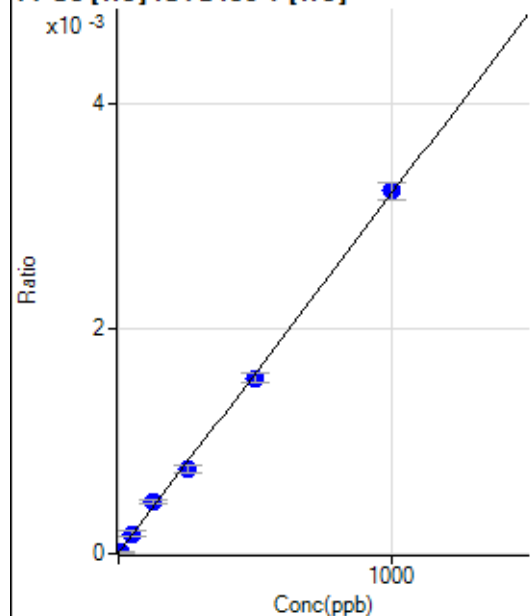
$$R = 1.0000$$

$$DL = 0.04564$$

$$BEC = 0.02179$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	2.582	4.44	0.0000	P	118.
4	☐	50.000	53.692	57.78	0.0002	P	27.6
5	☐	125.000	142.875	150.00	0.0005	P	5.7
6	☐	250.000	234.147	237.78	0.0008	P	9.9
7	☐	500.000	487.323	463.35	0.0016	P	6.2
8	☐	1000.000	1007.895	925.60	0.0032	P	5.0
9	☐			1.11	0.0000	P	173.

$$y = 3.1883\text{E-}006 * x + 6.7723\text{E-}006$$

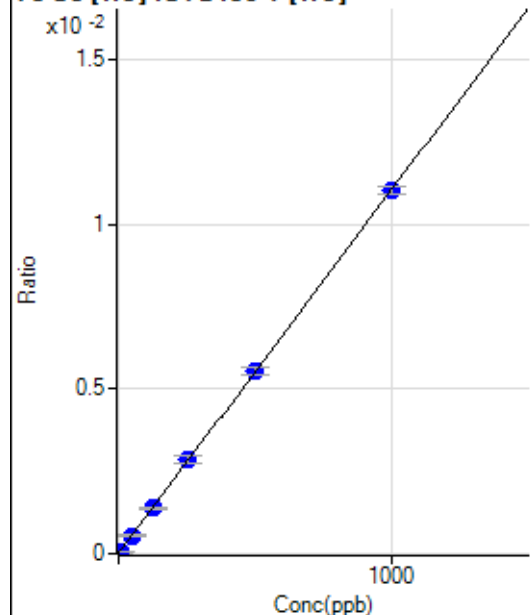
$$R = 0.9995$$

$$DL = 11.04$$

$$BEC = 2.124$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.09	0.0000	P	68.4
2	☐	0.500					
3	☐	5.000	2.874	12.34	0.0000	P	13.3
4	☐	50.000	48.878	178.40	0.0005	P	7.7
5	☐	125.000	123.883	446.92	0.0014	P	6.4
6	☐	250.000	257.762	901.89	0.0029	P	7.5
7	☐	500.000	502.168	1648.88	0.0056	P	4.6
8	☐	1000.000	997.182	3167.68	0.0110	P	2.2
9	☐			7.40	0.0000	P	85.1

$$y = 1.1042\text{E-}005 * x + 9.4612\text{E-}006$$

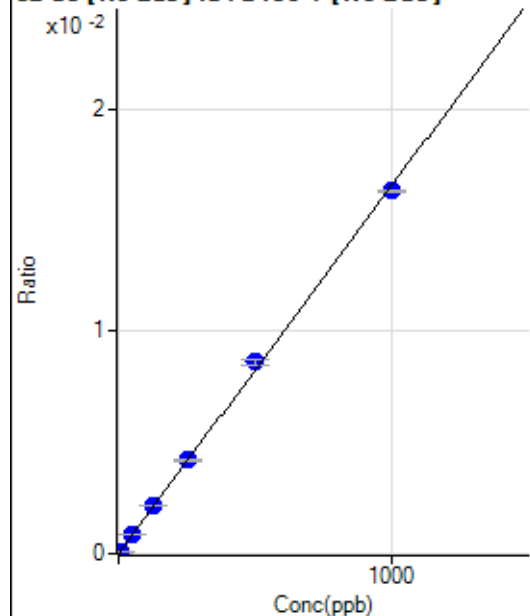
$$R = 1.0000$$

$$DL = 1.759$$

$$BEC = 0.8569$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-49.52	0.0000	P	-56.
2	☐	0.500					
3	☐	5.000	5.418	687.08	0.0001	P	2.1
4	☐	50.000	53.020	6832.22	0.0009	P	3.4
5	☐	125.000	129.896	17737.67	0.0021	P	2.2
6	☐	250.000	254.580	34982.57	0.0042	P	1.1
7	☐	500.000	522.558	67905.02	0.0086	P	3.1
8	☐	1000.000	986.811	128116.90	0.0163	P	0.7
9	☐			31.72	0.0000	P	205.

$$y = 1.6553\text{E-}005 * x - 6.0637\text{E-}006$$

$$R = 0.9996$$

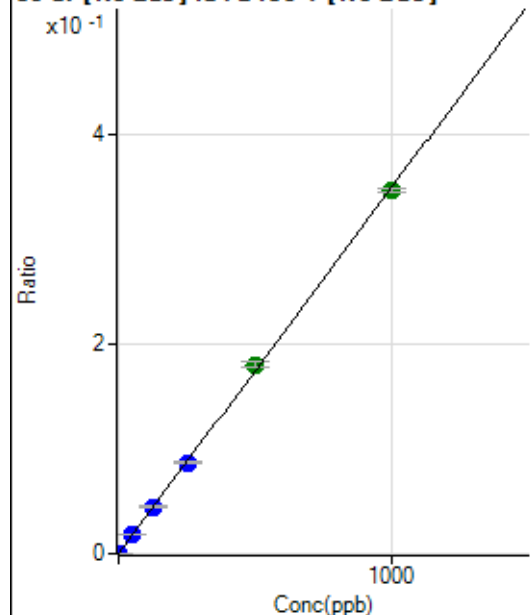
$$DL = 0.6165$$

$$BEC = -0.3663$$

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	911.19	0.0001	P	4.0
2	☐	0.100					
3	☐	1.000	1.028	3872.96	0.0005	P	6.4
4	☐	50.000	52.149	143896.42	0.0184	P	3.0
5	☐	125.000	127.420	369733.05	0.0447	P	2.2
6	☐	250.000	248.682	724286.88	0.0871	P	0.7
7	☐	500.000	517.206	1422303.03	0.1811	A	3.7
8	☐	1000.000	991.316	2722242.36	0.3470	A	0.9
9	☐			94405.19	0.0121	P	1.6

$$y = 3.4988\text{E-}004 * x + 1.1172\text{E-}004$$

$$R = 0.9998$$

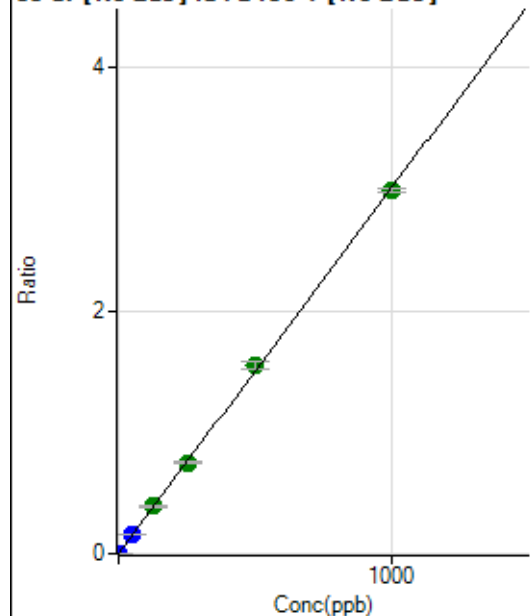
$$DL = 0.03849$$

$$BEC = 0.3193$$

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	227.79	0.0000	P	18.3
2	☐	0.100					
3	☐	1.000	0.947	23654.75	0.0029	P	1.6
4	☐	50.000	52.291	1233662.49	0.1574	P	4.0
5	☐	125.000	129.315	3219490.68	0.3892	A	2.9
6	☐	250.000	249.375	6239315.72	0.7505	A	1.0
7	☐	500.000	514.478	12161919.72	1.5484	A	3.7
8	☐	1000.000	992.264	23430156.95	2.9863	A	1.0
9	☐			799253.08	0.1026	P	0.4

$$y = 0.0030 * x + 2.7933\text{E-}005$$

$$R = 0.9998$$

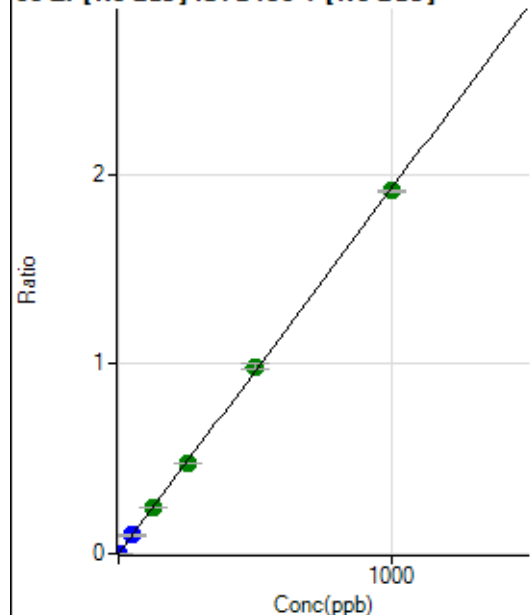
$$DL = 0.005087$$

$$BEC = 0.009282$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	536.14	0.0001	P	31.9
2	☐	0.100					
3	☐	1.000	0.899	14761.39	0.0018	P	1.1
4	☐	50.000	51.023	770818.83	0.0984	P	4.3
5	☐	125.000	127.040	2025024.80	0.2448	A	3.0
6	☐	250.000	248.629	3982322.70	0.4790	A	1.0
7	☐	500.000	513.077	7764054.77	0.9885	A	3.7
8	☐	1000.000	993.498	15017318.56	1.9140	A	0.7
9	☐			2972.68	0.0004	P	4.8

$$y = 0.0019 * x + 6.5681E-005$$

$$R = 0.9999$$

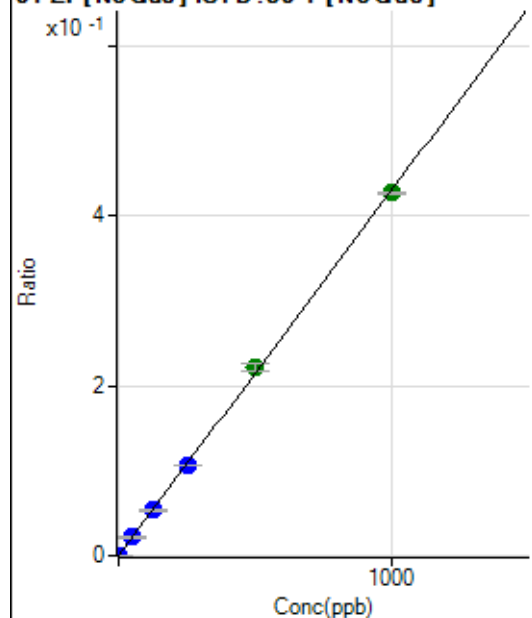
$$DL = 0.03266$$

$$BEC = 0.03409$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.79	0.0000	P	44.3
2	☐	0.100					
3	☐	1.000	0.873	3183.85	0.0004	P	11.0
4	☐	50.000	50.292	169398.92	0.0216	P	2.9
5	☐	125.000	124.738	443240.87	0.0536	P	2.4
6	☐	250.000	245.859	877847.26	0.1056	P	0.4
7	☐	500.000	515.276	1738130.77	0.2213	A	3.8
8	☐	1000.000	993.415	3347349.53	0.4266	A	0.2
9	☐			694.49	0.0001	P	13.2

$$y = 4.2944E-004 * x + 1.2590E-005$$

$$R = 0.9998$$

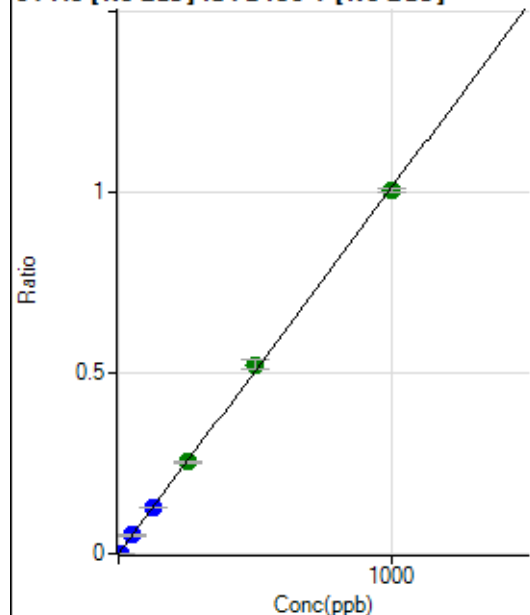
$$DL = 0.03898$$

$$BEC = 0.02932$$

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	233.34	0.0000	P	18.7
2	☐	0.500					
3	☐	5.000	1.987	16738.74	0.0020	P	2.0
4	☐	50.000	50.736	402320.27	0.0513	P	4.3
5	☐	125.000	125.474	1049871.57	0.1269	P	1.9
6	☐	250.000	249.803	2100189.11	0.2526	A	0.7
7	☐	500.000	517.439	4109607.77	0.5232	A	4.1
8	☐	1000.000	991.249	7864397.31	1.0024	A	1.2
9	☐			3709.00	0.0005	P	4.5

$$y = 0.0010 * x + 2.8613E-005$$

$$R = 0.9998$$

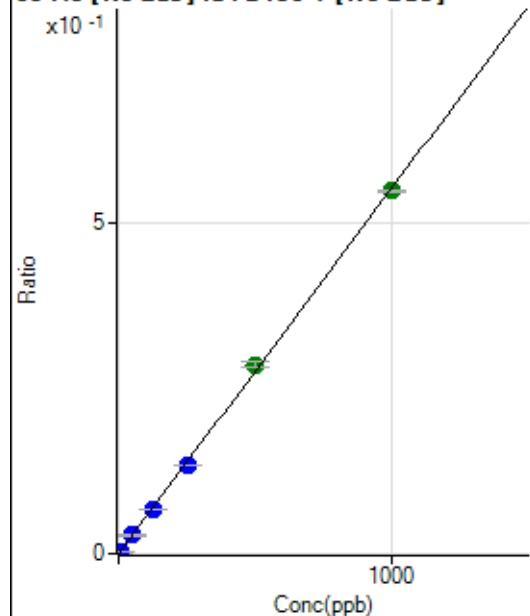
$$DL = 0.01591$$

$$BEC = 0.0283$$

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	75.00	0.0000	P	22.3
2	☐	0.500					
3	☐	5.000	4.439	20210.17	0.0025	P	1.3
4	☐	50.000	50.293	217647.58	0.0278	P	3.9
5	☐	125.000	122.458	559404.55	0.0676	P	1.6
6	☐	250.000	241.126	1106797.69	0.1331	P	0.1
7	☐	500.000	517.628	2244892.67	0.2858	A	3.4
8	☐	1000.000	993.711	4304522.06	0.5486	A	0.6
9	☐			4626.01	0.0006	P	4.6

$$y = 5.5208E-004 * x + 9.1952E-006$$

$$R = 0.9997$$

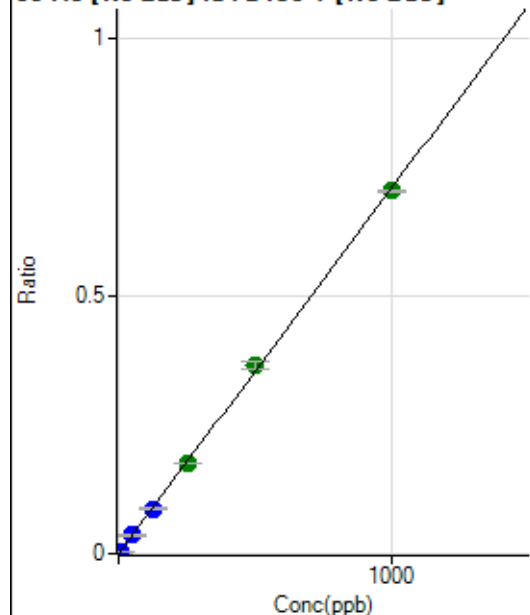
$$DL = 0.01112$$

$$BEC = 0.01666$$

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	133.34	0.0000	P	33.3
2	☐	0.500					
3	☐	5.000	3.892	22758.77	0.0028	P	2.5
4	☐	50.000	50.183	278413.88	0.0355	P	3.4
5	☐	125.000	122.823	719013.47	0.0869	P	2.5
6	☐	250.000	245.234	1442661.79	0.1735	A	0.2
7	☐	500.000	516.493	2870529.47	0.3655	A	3.7
8	☐	1000.000	993.214	5513921.48	0.7028	A	0.5
9	☐			7560.75	0.0010	P	2.5

$$y = 7.0754\text{E-}004 * x + 1.6360\text{E-}005$$

$$R = 0.9998$$

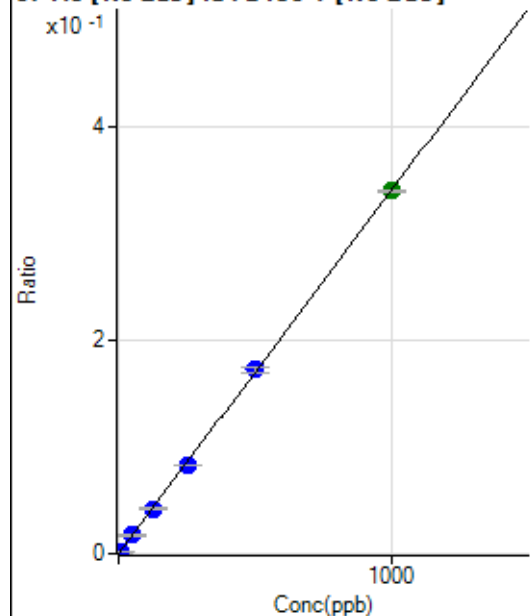
$$DL = 0.02312$$

$$BEC = 0.02312$$

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	97.23	0.0000	P	46.9
2	☐	0.500					
3	☐	5.000	4.353	12300.52	0.0015	P	1.7
4	☐	50.000	50.506	135106.65	0.0172	P	5.1
5	☐	125.000	123.247	347933.40	0.0421	P	2.8
6	☐	250.000	243.450	690607.83	0.0831	P	0.9
7	☐	500.000	506.695	1358037.05	0.1729	P	3.5
8	☐	1000.000	998.487	2673003.66	0.3407	A	0.4
9	☐			2761.51	0.0004	P	6.2

$$y = 3.4118\text{E-}004 * x + 1.1909\text{E-}005$$

$$R = 0.9999$$

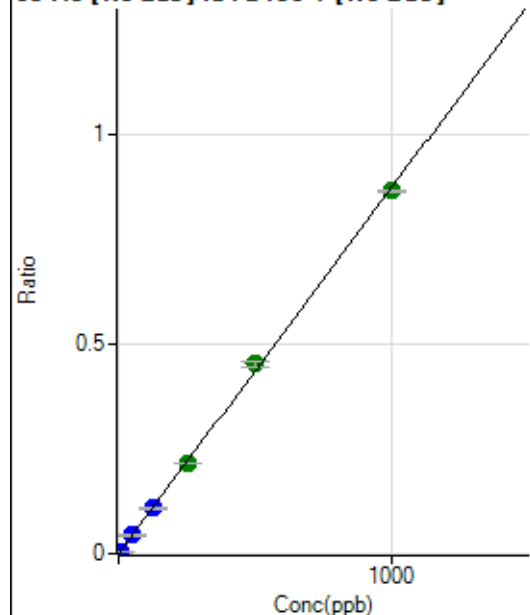
$$DL = 0.04913$$

$$BEC = 0.0349$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0000	P	23.4
2	☐	0.500					
3	☐	5.000	4.458	32080.58	0.0039	P	1.7
4	☐	50.000	50.872	348176.26	0.0444	P	3.9
5	☐	125.000	124.340	897956.35	0.1085	P	1.9
6	☐	250.000	247.914	1799056.22	0.2164	A	1.2
7	☐	500.000	517.880	3551206.50	0.4520	A	3.0
8	☐	1000.000	991.623	6791190.26	0.8655	A	0.6
9	☐			6818.65	0.0009	P	4.2

$$y = 8.7283\text{E-}004 * x + 1.3961\text{E-}005$$

$$R = 0.9998$$

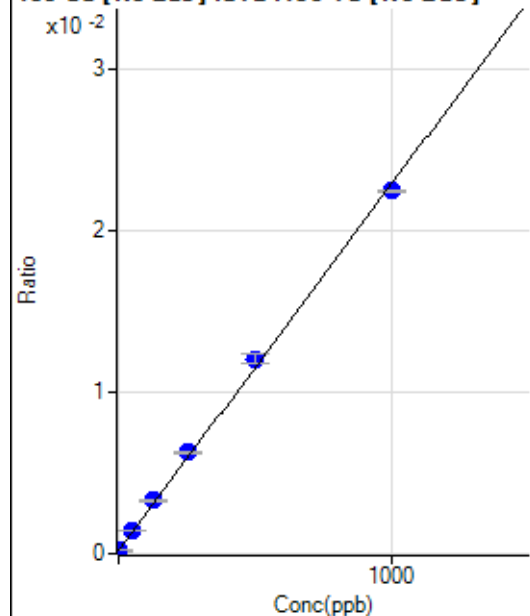
$$DL = 0.01124$$

$$BEC = 0.01599$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1666.85	0.0002	P	2.5
2	☐	0.100					
3	☐	1.000	1.123	1950.23	0.0002	P	5.2
4	☐	50.000	55.505	13120.81	0.0014	P	2.3
5	☐	125.000	138.371	31911.05	0.0033	P	3.3
6	☐	250.000	267.828	61368.36	0.0063	P	0.8
7	☐	500.000	524.161	117682.15	0.0121	P	4.1
8	☐	1000.000	981.516	223841.25	0.0225	P	0.3
9	☐			1903.01	0.0002	P	3.4

$$y = 2.2719\text{E-}005 * x + 1.7872\text{E-}004$$

$$R = 0.9993$$

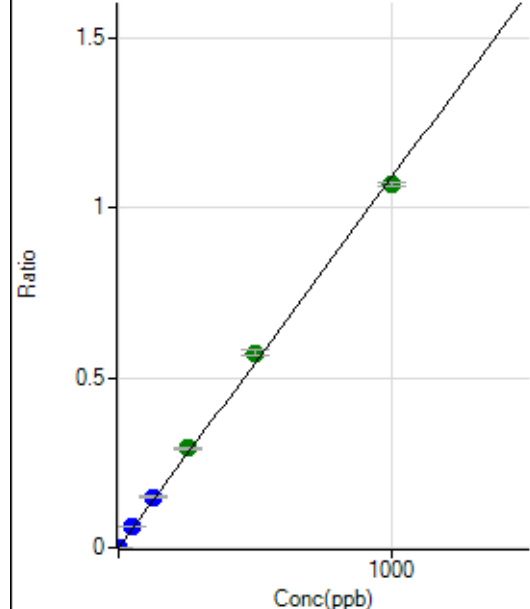
$$DL = 0.5902$$

$$BEC = 7.866$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0000	P	3.9
2	☐	0.100					
3	☐	1.000	1.322	13846.57	0.0015	P	1.9
4	☐	50.000	56.020	555840.24	0.0610	P	3.8
5	☐	125.000	136.625	1429243.10	0.1488	P	1.9
6	☐	250.000	268.717	2866886.85	0.2926	A	1.0
7	☐	500.000	526.627	5583852.86	0.5734	A	3.5
8	☐	1000.000	980.253	10629060.91	1.0674	A	1.0
9	☐			1086.21	0.0001	P	10.1

$$y = 0.0011 * x + 1.0122E-005$$

$$R = 0.9992$$

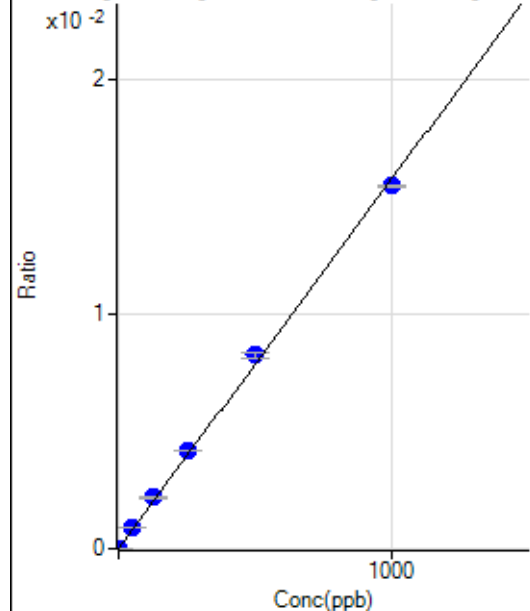
$$DL = 0.001096$$

$$BEC = 0.009296$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	1.1
2	☐	0.100					
3	☐	1.000	1.219	191.67	0.0000	P	22.7
4	☐	50.000	55.794	8005.35	0.0009	P	2.2
5	☐	125.000	138.095	20866.46	0.0022	P	3.8
6	☐	250.000	265.338	40891.37	0.0042	P	0.9
7	☐	500.000	523.926	80251.15	0.0082	P	3.0
8	☐	1000.000	982.276	153841.44	0.0154	P	0.6
9	☐			22.22	0.0000	P	9.9

$$y = 1.5727E-005 * x + 8.9305E-007$$

$$R = 0.9994$$

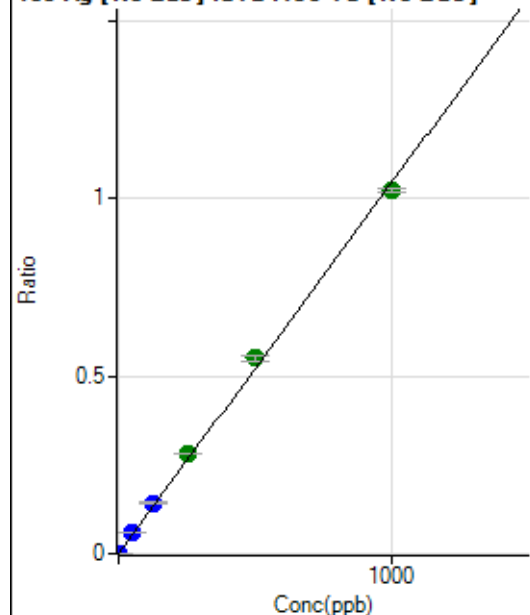
$$DL = 0.001954$$

$$BEC = 0.05679$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	23.5
2	☐	0.100					
3	☐	1.000	1.286	12856.66	0.0013	P	2.1
4	☐	50.000	55.910	531746.91	0.0584	P	4.3
5	☐	125.000	136.833	1372254.49	0.1429	P	2.4
6	☐	250.000	271.616	2778224.15	0.2836	A	0.3
7	☐	500.000	528.413	5372347.95	0.5517	A	3.0
8	☐	1000.000	978.615	10173646.50	1.0217	A	1.0
9	☐			972.31	0.0001	P	6.9

$$y = 0.0010 * x + 4.1612E-006$$

$$R = 0.9991$$

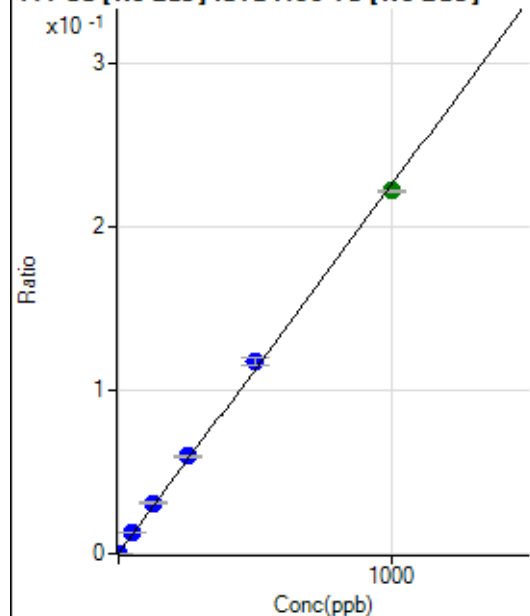
$$DL = 0.002809$$

$$BEC = 0.003986$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1177.63	0.0001	P	3.2
2	☐	0.100					
3	☐	1.000	0.986	3332.60	0.0003	P	3.3
4	☐	50.000	55.952	116275.80	0.0128	P	4.3
5	☐	125.000	137.044	298582.34	0.0311	P	2.3
6	☐	250.000	263.484	584341.08	0.0596	P	0.5
7	☐	500.000	521.993	1149314.26	0.1180	P	3.7
8	☐	1000.000	983.830	2214273.98	0.2224	A	0.6
9	☐			1659.62	0.0002	P	3.9

$$y = 2.2588E-004 * x + 1.2627E-004$$

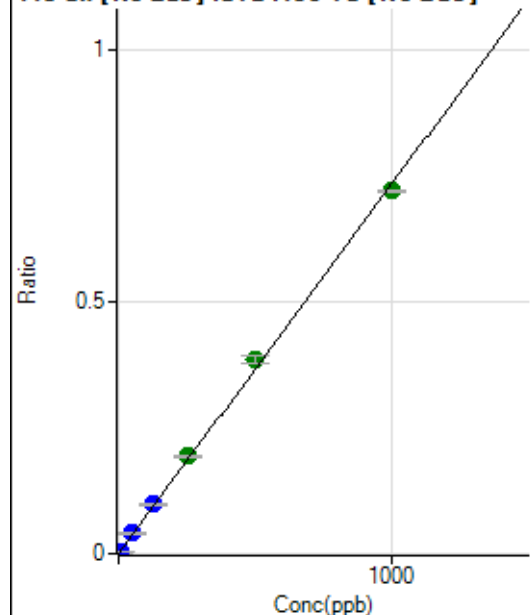
$$R = 0.9995$$

$$DL = 0.05316$$

$$BEC = 0.559$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1366.81	0.0001	P	13.1
2	☐	0.500					
3	☐	5.000	4.839	35214.21	0.0037	P	1.2
4	☐	50.000	54.539	364859.78	0.0401	P	4.5
5	☐	125.000	133.784	941947.44	0.0981	P	2.0
6	☐	250.000	264.005	1894363.84	0.1934	A	1.3
7	☐	500.000	525.636	3747385.63	0.3848	A	3.5
8	☐	1000.000	982.357	7160624.21	0.7191	A	0.7
9	☐			6076.64	0.0006	P	3.3

$$y = 7.3184\text{E-}004 * x + 1.4644\text{E-}004$$

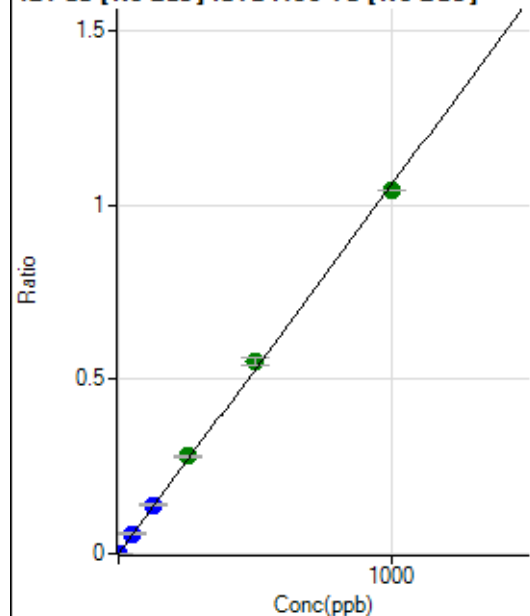
$$R = 0.9994$$

$$DL = 0.07863$$

$$BEC = 0.2001$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	17.0
2	☐	0.200					
3	☐	2.000	1.918	19425.98	0.0020	P	1.7
4	☐	50.000	54.592	526147.98	0.0578	P	4.7
5	☐	125.000	132.727	1349067.12	0.1404	P	2.3
6	☐	250.000	264.801	2745060.39	0.2802	A	1.2
7	☐	500.000	522.211	5380099.77	0.5525	A	3.8
8	☐	1000.000	983.999	10368142.07	1.0411	A	0.1
9	☐			22692.29	0.0023	P	1.4

$$y = 0.0011 * x + 5.3617\text{E-}006$$

$$R = 0.9995$$

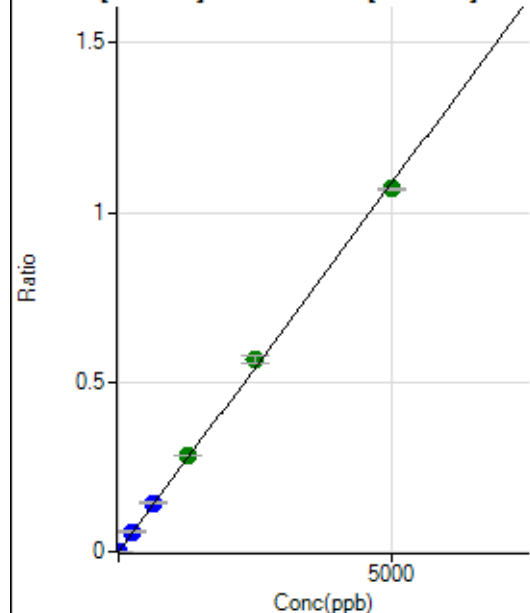
$$DL = 0.002579$$

$$BEC = 0.005067$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	61.9
2	☐	1.000					
3	☐	10.000	9.503	19737.61	0.0021	P	1.5
4	☐	250.000	270.494	535160.63	0.0588	P	4.6
5	☐	625.000	660.350	1377806.19	0.1434	P	2.6
6	☐	1250.000	1303.283	2773525.71	0.2831	A	0.3
7	☐	2500.000	2611.525	5523496.91	0.5673	A	3.6
8	☐	5000.000	4925.474	10653880.97	1.0699	A	0.5
9	☐			3483.97	0.0003	P	1.4

$$y = 2.1721\text{E-}004 * x + 2.9695\text{E-}006$$

$$R = 0.9996$$

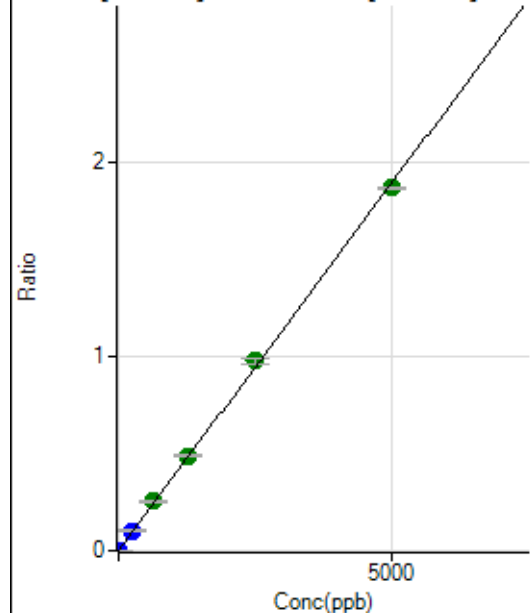
$$DL = 0.0254$$

$$BEC = 0.01367$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	23.3
2	☐	1.000					
3	☐	10.000	9.386	34030.94	0.0036	P	1.8
4	☐	250.000	269.959	931345.37	0.1023	P	4.3
5	☐	625.000	670.992	2441237.49	0.2541	A	2.3
6	☐	1250.000	1293.161	4798442.56	0.4898	A	0.5
7	☐	2500.000	2587.874	9544695.44	0.9801	A	3.3
8	☐	5000.000	4938.527	18625915.52	1.8704	A	0.3
9	☐			6190.63	0.0006	P	1.7

$$y = 3.7873\text{E-}004 * x + 9.2177\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.01701$$

$$BEC = 0.02434$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			15.56		P	65.5
4	☐			31.11		P	12.4
5	☐			55.56		P	36.7
6	☐			104.45		P	28.8
7	☐			180.01		P	16.1
8	☐			413.36		P	11.3
9	☐			117.78		P	17.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			7.78		P	65.5
7	☐			4.44		P	114.
8	☐			11.11		P	69.3
9	☐			17.78		P	28.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			11.11		P	43.3
4	☐			22.22		P	108.
5	☐			27.78		P	75.5
6	☐			86.12		P	53.3
7	☐			94.45		P	27.0
8	☐			163.90		P	22.9
9	☐			80.56		P	36.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			4.44		P	43.4
6	☐			6.67		P	50.0
7	☐			18.89		P	44.4
8	☐			26.67		P	87.5
9	☐			12.22		P	68.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	19.9
2	☐						
3	☐			69.45		P	18.3
4	☐			69.45		P	36.7
5	☐			61.11		P	47.9
6	☐			94.45		P	13.5
7	☐			66.67		P	43.3
8	☐			188.90		P	29.4
9	☐			94.45		P	31.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	53.3
2	☐						
3	☐			16.67		P	60.0
4	☐			14.44		P	66.6
5	☐			15.56		P	32.7
6	☐			17.78		P	60.3
7	☐			28.89		P	17.6
8	☐			47.78		P	26.4
9	☐			40.00		P	28.9

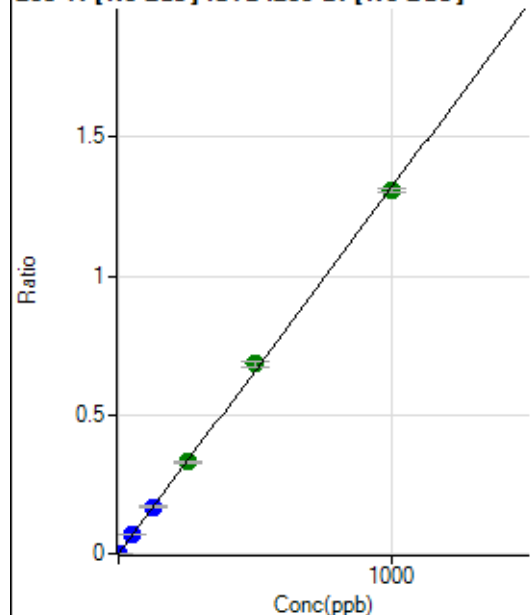
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	24.7
2	☐						
3	☐			50.00		P	50.0
4	☐			50.00		P	33.3
5	☐			33.34		P	50.0
6	☐			38.89		P	12.4
7	☐			55.56		P	22.9
8	☐			61.11		P	41.7
9	☐			66.67		P	25.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			12.22		P	41.7
4	☐			4.44		P	114.
5	☐			5.55		P	69.3
6	☐			3.33		P	0.0
7	☐			10.00		P	57.8
8	☐			16.67		P	NaN
9	☐			3.33		P	0.0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	37.7
2	☐	0.100					
3	☐	1.000	0.960	6960.60	0.0013	P	2.0
4	☐	50.000	51.170	353677.60	0.0675	P	4.2
5	☐	125.000	127.562	918043.83	0.1682	P	2.2
6	☐	250.000	249.583	1854842.27	0.3290	A	0.8
7	☐	500.000	518.256	3839545.79	0.6832	A	3.2
8	☐	1000.000	990.597	7657738.71	1.3058	A	1.0
9	☐			2739.31	0.0005	P	10.7

$$y = 0.0013 * x + 1.3571E-005$$

$$R = 0.9998$$

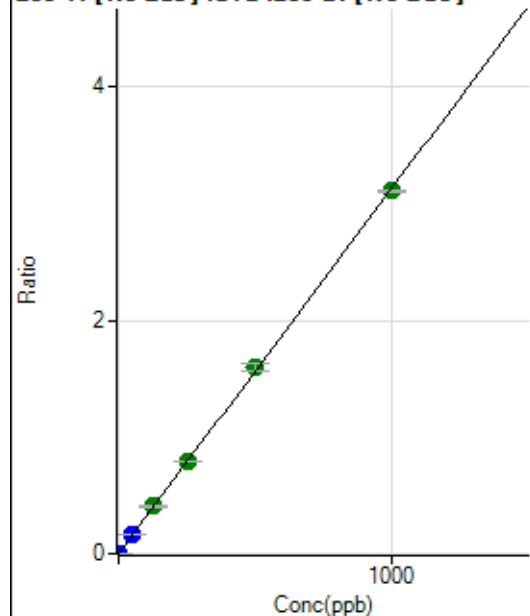
$$DL = 0.01163$$

$$BEC = 0.0103$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0000	P	19.2
2	☐	0.100					
3	☐	1.000	0.920	15832.87	0.0029	P	2.8
4	☐	50.000	51.258	841385.88	0.1605	P	3.6
5	☐	125.000	130.761	2234192.15	0.4093	A	2.8
6	☐	250.000	251.941	4445641.81	0.7886	A	0.5
7	☐	500.000	509.366	8958481.80	1.5943	A	3.8
8	☐	1000.000	994.049	18245917.94	3.1113	A	0.5
9	☐			6073.99	0.0011	P	5.8

$$y = 0.0031 * x + 2.8124E-005$$

$$R = 0.9999$$

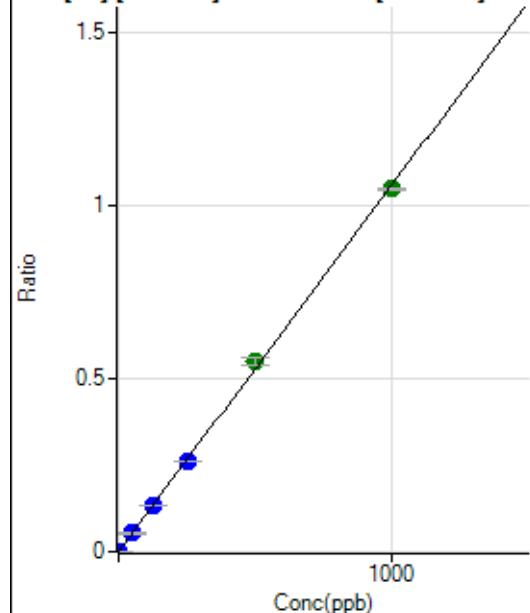
$$DL = 0.005184$$

$$BEC = 0.008986$$

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	375.94	0.0001	P	5.7
2	☐	0.100					
3	☐	1.000	1.137	6931.75	0.0013	P	0.5
4	☐	50.000	50.883	282571.63	0.0539	P	4.7
5	☐	125.000	126.836	732862.39	0.1342	P	1.6
6	☐	250.000	247.590	1476852.16	0.2620	P	0.8
7	☐	500.000	519.530	3088680.74	0.5496	A	3.7
8	☐	1000.000	990.564	6145154.88	1.0479	A	0.8
9	☐			11620.45	0.0021	P	2.1

$$y = 0.0011 * x + 7.0511E-005$$

$$R = 0.9997$$

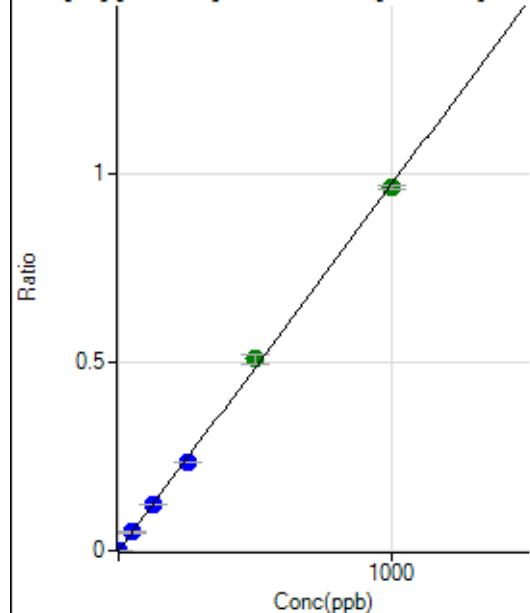
$$DL = 0.0115$$

$$BEC = 0.06666$$

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	370.39	0.0001	P	13.3
2	☐	0.100					
3	☐	1.000	1.117	6296.19	0.0012	P	3.0
4	☐	50.000	50.171	256398.70	0.0489	P	4.7
5	☐	125.000	125.084	665149.29	0.1218	P	1.5
6	☐	250.000	242.274	1329971.75	0.2359	P	0.5
7	☐	500.000	522.600	2858792.08	0.5088	A	4.1
8	☐	1000.000	990.613	5655426.46	0.9644	A	1.0
9	☐			9744.78	0.0017	P	2.1

$$y = 9.7346E-004 * x + 6.9488E-005$$

$$R = 0.9996$$

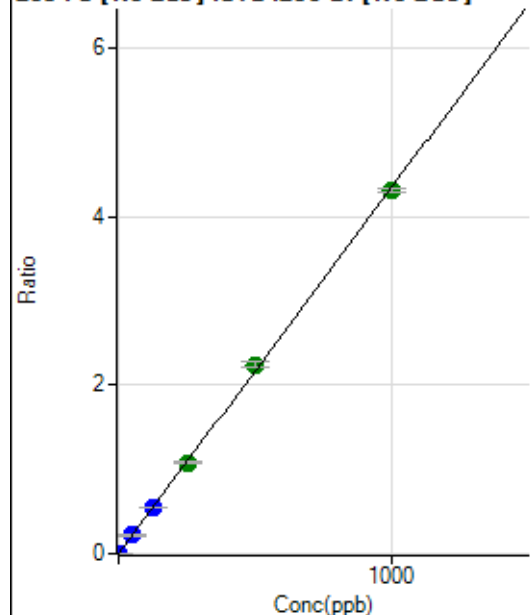
$$DL = 0.02848$$

$$BEC = 0.07138$$

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	1687.13	0.0003	P	4.5
2	☐	0.100					
3	☐	1.000	1.115	28046.24	0.0052	P	1.6
4	☐	50.000	50.507	1150226.05	0.2194	P	4.8
5	☐	125.000	126.102	2987813.13	0.5473	P	1.7
6	☐	250.000	248.879	6087475.14	1.0798	A	1.0
7	☐	500.000	517.404	12613183.79	2.2446	A	3.6
8	☐	1000.000	991.415	25219850.16	4.3006	A	0.9
9	☐			45668.68	0.0081	P	1.7

$$y = 0.0043 * x + 3.1641E-004$$

$$R = 0.9998$$

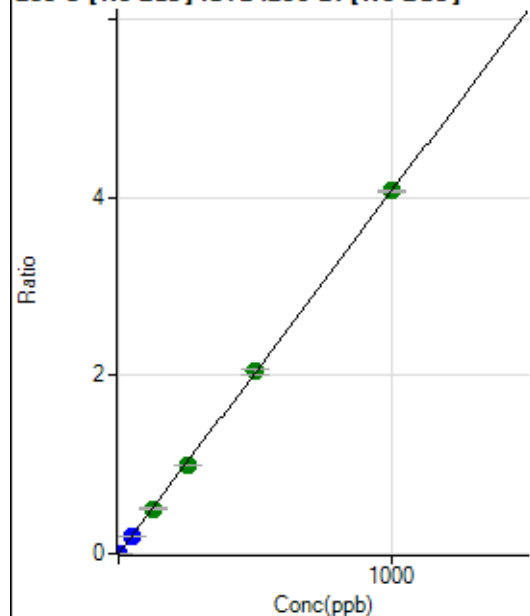
$$DL = 0.009752$$

$$BEC = 0.07295$$

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	133.34	0.0000	P	1.1
2	☐	0.100					
3	☐	1.000	0.857	19118.29	0.0035	P	2.0
4	☐	50.000	48.853	1042441.30	0.1988	P	4.7
5	☐	125.000	124.238	2760342.66	0.5057	A	2.3
6	☐	250.000	242.391	5561721.43	0.9865	A	0.4
7	☐	500.000	502.036	11483105.99	2.0432	A	3.2
8	☐	1000.000	1001.037	23892508.17	4.0741	A	0.5
9	☐			1828.01	0.0003	P	11.0

$$y = 0.0041 * x + 2.5001E-005$$

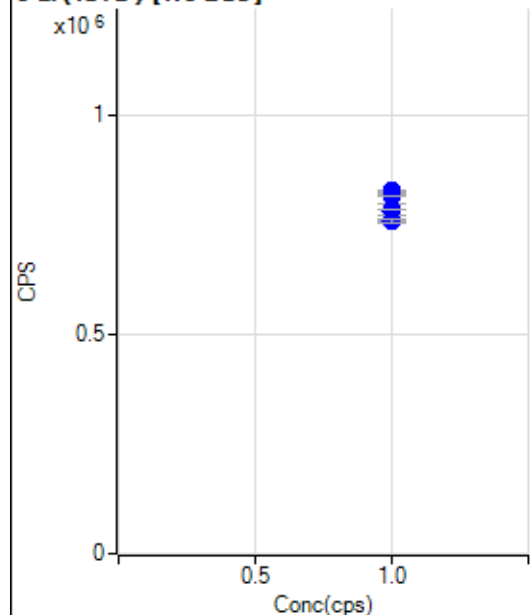
$$R = 1.0000$$

$$DL = 0.0001955$$

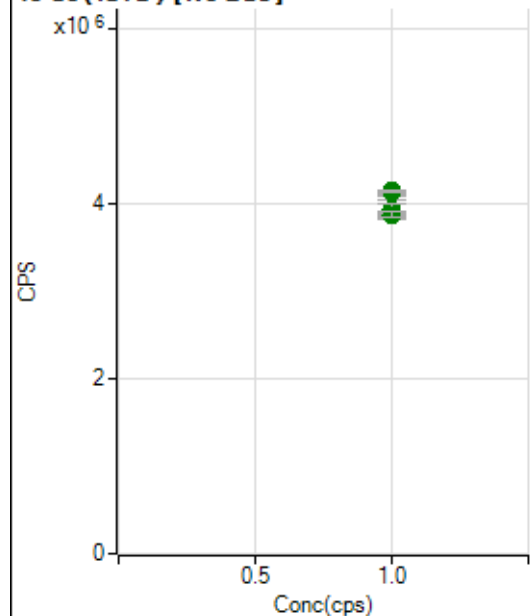
$$BEC = 0.006143$$

Weight: <None>

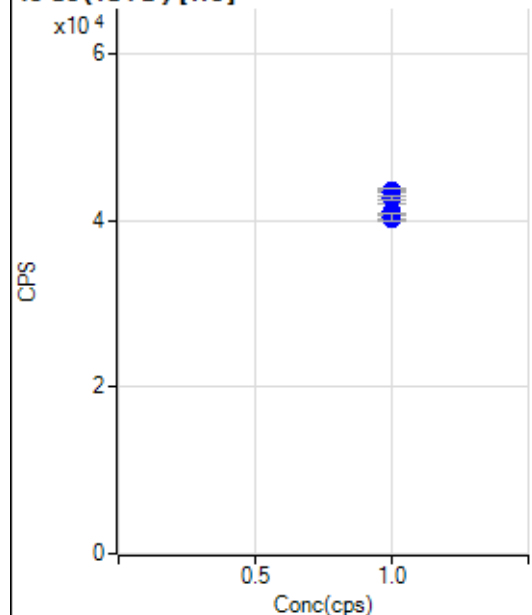
Min Conc: 0

6 Li (ISTD) [No Gas]

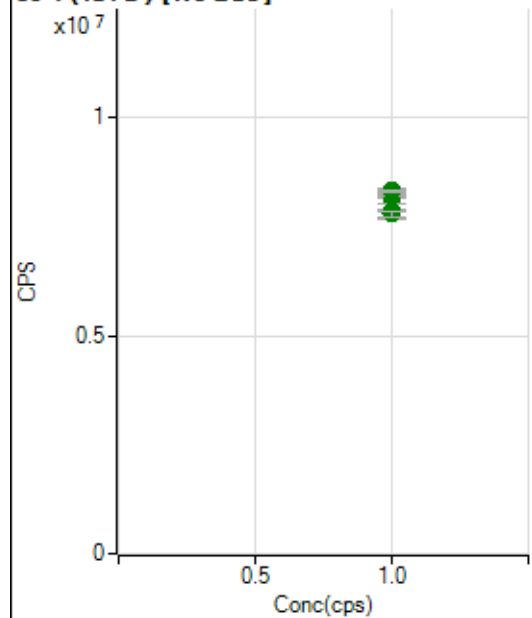
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		814916.39		P	0.2
2	☐	1.000					
3	☐	1.000		827350.78		P	0.4
4	☐	1.000		779743.27		P	5.2
5	☐	1.000		818843.58		P	0.6
6	☐	1.000		817287.26		P	0.1
7	☐	1.000		784452.44		P	3.3
8	☐	1.000		784646.73		P	0.5
9	☐	1.000		758212.82		P	0.7

45 Sc (ISTD) [No Gas]

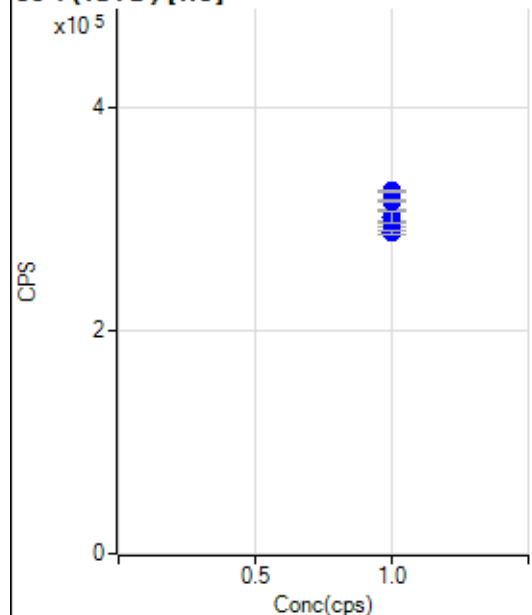
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4146378.52		A	0.3
2	☐	1.000					
3	☐	1.000		4124596.62		A	0.4
4	☐	1.000		3932785.89		A	5.4
5	☐	1.000		4120740.63		A	1.4
6	☐	1.000		4139980.78		A	0.6
7	☐	1.000		3934951.17		A	3.1
8	☐	1.000		3874585.16		A	1.0
9	☐	1.000		3873582.12		A	1.9

45 Sc (ISTD) [He]

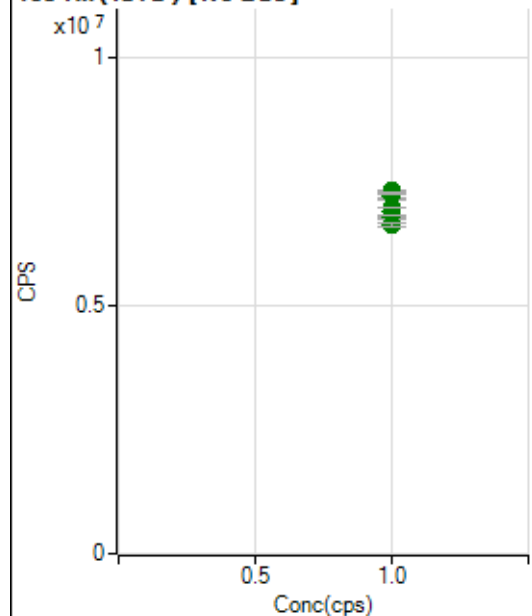
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		43608.77		P	1.1
2	☐	1.000					
3	☐	1.000		41059.08		P	5.1
4	☐	1.000		43594.21		P	0.8
5	☐	1.000		43449.45		P	1.7
6	☐	1.000		42687.15		P	1.2
7	☐	1.000		40807.05		P	0.8
8	☐	1.000		40131.84		P	0.7
9	☐	1.000		40432.81		P	2.2

89 Y (ISTD) [No Gas]

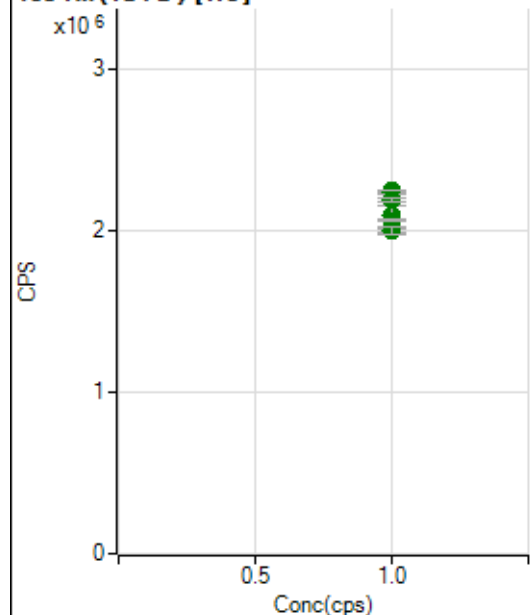
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8156823.14		A	0.4
2	☐	1.000					
3	☐	1.000		8215688.14		A	0.5
4	☐	1.000		7842750.02		A	4.6
5	☐	1.000		8274819.46		A	1.8
6	☐	1.000		8313578.00		A	0.6
7	☐	1.000		7861570.44		A	3.6
8	☐	1.000		7846210.92		A	0.5
9	☐	1.000		7787468.57		A	1.6

89 Y(ISTD) [He]

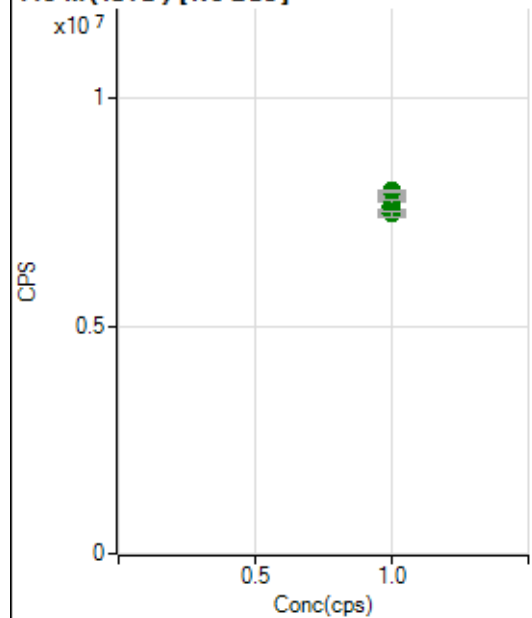
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		324903.26		P	0.9
2	☐	1.000					
3	☐	1.000		301001.54		P	5.1
4	☐	1.000		324980.91		P	0.8
5	☐	1.000		324459.55		P	0.4
6	☐	1.000		315769.50		P	0.7
7	☐	1.000		296918.04		P	0.6
8	☐	1.000		287482.69		P	0.9
9	☐	1.000		301244.60		P	3.4

103 Rh(ISTD) [No Gas]

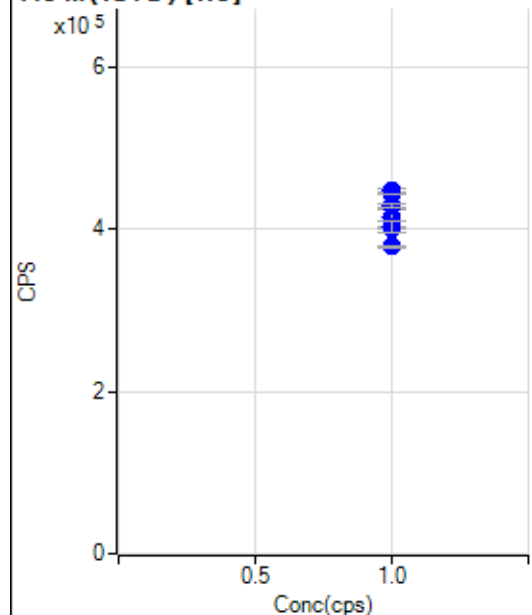
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7195588.44		A	1.1
2	☐	1.000					
3	☐	1.000		7303221.60		A	0.4
4	☐	1.000		6974135.92		A	5.2
5	☐	1.000		7213720.21		A	2.1
6	☐	1.000		7253359.71		A	0.9
7	☐	1.000		6883307.27		A	3.0
8	☐	1.000		6781602.84		A	1.1
9	☐	1.000		6617193.64		A	1.2

103 Rh (ISTD) [He]

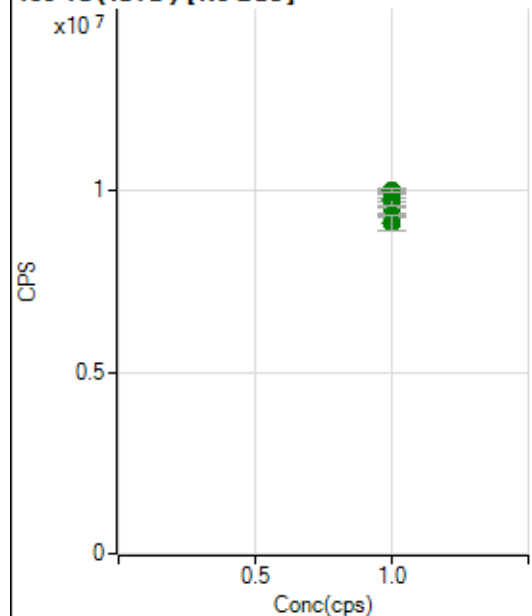
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2235842.81		A	0.8
2	☐	1.000					
3	☐	1.000		2087199.97		A	6.0
4	☐	1.000		2243376.06		A	0.6
5	☐	1.000		2230736.11		A	1.0
6	☐	1.000		2185293.75		A	0.8
7	☐	1.000		2062807.80		A	0.4
8	☐	1.000		1998384.36		A	0.8
9	☐	1.000		1996522.87		A	2.5

115 In (ISTD) [No Gas]

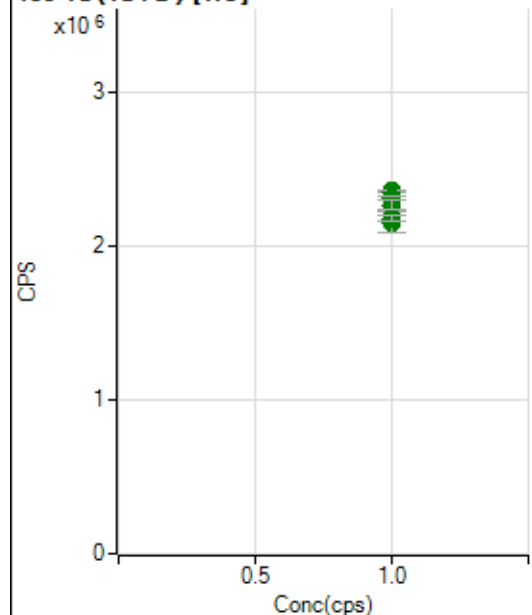
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7792324.18		A	1.2
2	☐	1.000					
3	☐	1.000		7942603.78		A	0.9
4	☐	1.000		7615164.51		A	4.7
5	☐	1.000		7923118.32		A	1.6
6	☐	1.000		7964738.18		A	0.4
7	☐	1.000		7622512.38		A	3.7
8	☐	1.000		7509641.02		A	0.8
9	☐	1.000		7454117.45		A	1.3

115 In (ISTD) [He]

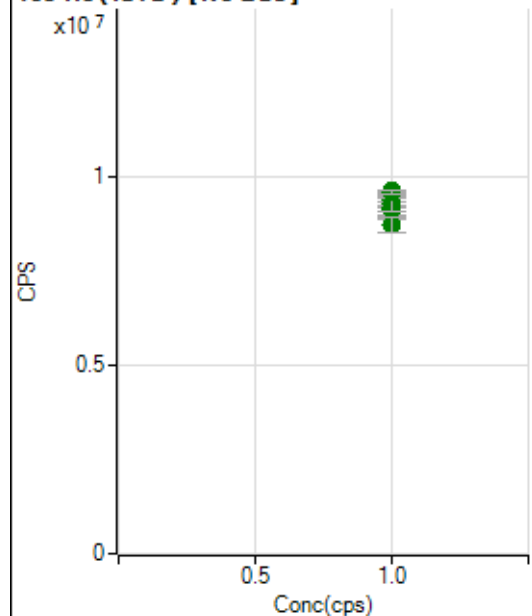
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		447713.18		P	1.0
2	☐	1.000					
3	☐	1.000		414268.87		P	5.4
4	☐	1.000		445510.39		P	0.7
5	☐	1.000		443697.84		P	0.4
6	☐	1.000		428963.29		P	1.0
7	☐	1.000		401253.88		P	0.7
8	☐	1.000		378979.62		P	0.8
9	☐	1.000		402810.08		P	3.3

159 Tb (ISTD) [No Gas]

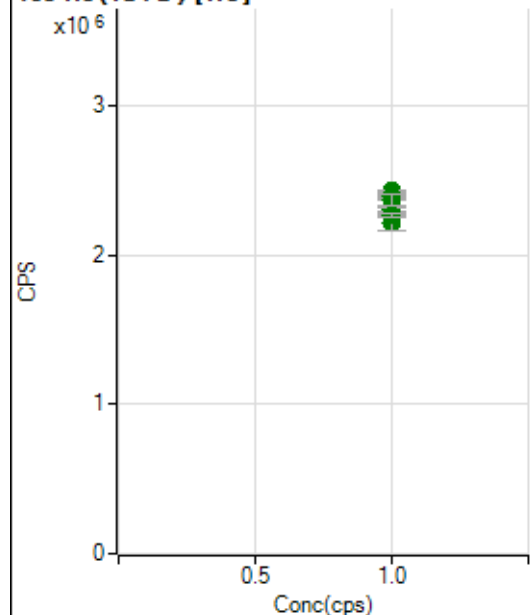
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9328412.29		A	1.2
2	☐	1.000					
3	☐	1.000		9548966.04		A	0.2
4	☐	1.000		9116631.53		A	4.7
5	☐	1.000		9608977.01		A	2.0
6	☐	1.000		9797466.80		A	0.5
7	☐	1.000		9745556.10		A	3.6
8	☐	1.000		9958379.85		A	0.6
9	☐	1.000		9994866.38		A	1.2

159 Tb (ISTD) [He]

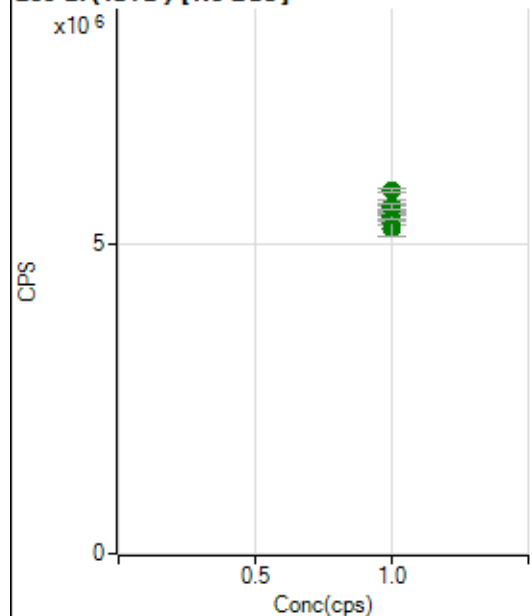
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2319789.31		A	1.2
2	☐	1.000					
3	☐	1.000		2147421.98		A	5.0
4	☐	1.000		2362274.18		A	0.5
5	☐	1.000		2352745.21		A	1.7
6	☐	1.000		2313247.22		A	1.3
7	☐	1.000		2233786.86		A	0.9
8	☐	1.000		2183883.09		A	1.4
9	☐	1.000		2269822.86		A	2.7

165 Ho (ISTD) [No Gas]

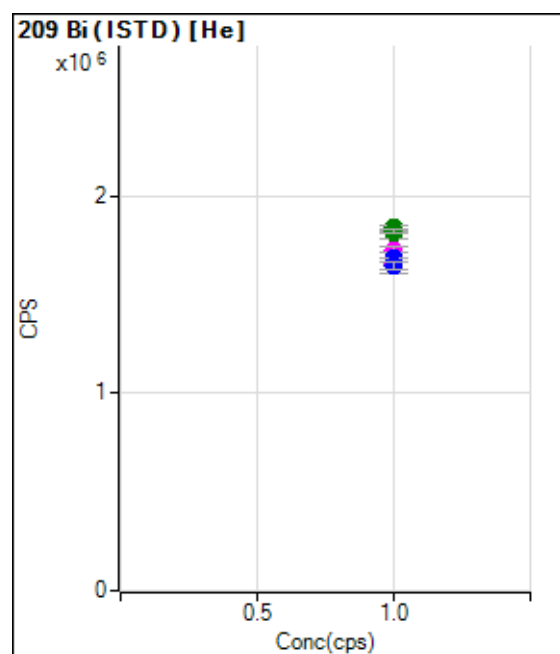
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8919731.19		A	0.8
2	☐	1.000					
3	☐	1.000		9143879.02		A	0.8
4	☐	1.000		8722028.49		A	5.1
5	☐	1.000		9165489.18		A	2.0
6	☐	1.000		9388973.13		A	0.6
7	☐	1.000		9287308.28		A	3.9
8	☐	1.000		9628299.87		A	0.8
9	☐	1.000		9614802.91		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2378137.66		A	1.1
2	☐	1.000					
3	☐	1.000		2216836.41		A	4.9
4	☐	1.000		2399108.64		A	1.4
5	☐	1.000		2427422.48		A	0.4
6	☐	1.000		2392495.03		A	0.6
7	☐	1.000		2303434.24		A	1.0
8	☐	1.000		2263299.03		A	0.8
9	☐	1.000		2368298.80		A	3.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5333821.55		A	1.1
2	☐	1.000					
3	☐	1.000		5444888.81		A	0.9
4	☐	1.000		5248418.92		A	4.9
5	☐	1.000		5460523.60		A	1.9
6	☐	1.000		5637679.57		A	0.6
7	☐	1.000		5623782.76		A	3.5
8	☐	1.000		5864614.98		A	1.0
9	☐	1.000		5609431.44		A	1.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1812286.69		A	2.9
2	☐	1.000					
3	☐	1.000		1661449.23		M	6.3
4	☐	1.000		1839769.80		A	1.3
5	☐	1.000		1827212.61		A	1.2
6	☐	1.000		1820226.74		A	0.9
7	☐	1.000		1727040.41		M	1.8
8	☐	1.000		1686927.33		P	0.3
9	☐	1.000		1647706.38		P	2.9

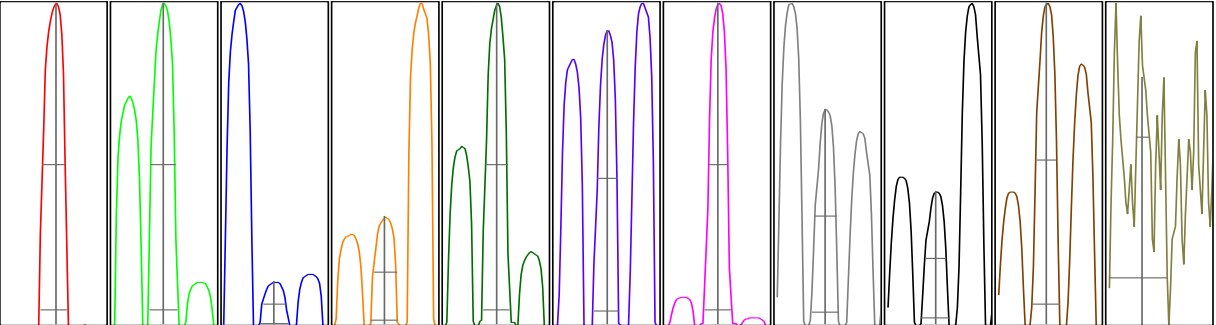
US EPA Tune Check Sample Report

Batch Folder D:\P8082817-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7978	1.82	5.00	
24	66893	1.40	5.00	
25	9074	1.85	5.00	
26	10393	1.96	5.00	
59	106605	2.46	5.00	
113	15956	2.21	5.00	
115	193856	1.36	5.00	
206	39225	1.23	5.00	
207	35984	1.26	5.00	
208	86017	1.23	5.00	
220	1	9.52		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8114	7975	8065	7738	7997
24	67661	68044	66408	66591	65761
25	9163	9297	8956	9084	8871
26	10432	10713	10267	10375	10178
59	106024	110057	104654	108499	103793
113	15750	16488	15737	16145	15659
115	191940	198033	194525	193377	191407
206	38503	39542	39729	39012	39339
207	35585	36049	36381	35451	36452
208	85212	86068	86705	84761	87338
220	1	1	1	1	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	12549	9.10	8.9 - 9.1		0.787	0.900	
24	104033	24.00	23.9 - 24.1		0.832	0.900	
25	14131	25.00	24.9 - 25.1		0.809	0.900	
26	16751	26.00	25.9 - 26.1		0.745	0.900	
59	177836	59.05	58.9 - 59.1		0.785	0.900	
113	28195	113.05	112.9 - 113.1		0.734	0.900	
115	344759	115.05	114.9 - 115.1		0.770	0.900	
206	68608	205.95	205.9 - 206.1		0.780	0.900	
207	61674	206.95	206.9 - 207.1		0.781	0.900	
208	149262	207.95	207.9 - 208.1		0.782	0.900	
220	1	219.55	-		1.646		

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	7.1	V	Deflect	14.6	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	16095	1.10	
89	4285	1.33	
205	22869	1.06	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	16281	16172	16180	15827	16013
89	4338	4315	4320	4202	4250
205	23077	23024	22927	22464	22852

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	7.1	V	Deflect	1.6	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-105	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 :	LB89764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:49:27	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.76	1.41	0.35	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.07	-0.27	0.34	0.00	N/A	ppb
Boron	11-1	-0.03	0.04	-0.02	0.00	N/A	ppb
Cadmium	111-1	0.00	0.02	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.06	0.16	-0.22	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	3.13	-0.46	-2.67	0.00	N/A	ppb
Calcium	44-1	-3.15	2.17	0.98	0.00	N/A	ppb
Chromium	52-2	0.06	-0.13	0.07	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.02	0.02	-0.04	0.00	N/A	ppb
Iron	57-2	0.65	-1.67	1.02	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.83	-1.09	0.25	0.00	N/A	ppb
Manganese	55-2	0.00	-0.02	0.02	0.00	N/A	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:49:27	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.00	0.02	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	0.03	0.00	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-6.96	6.97	6.98	2.33	345.65	ppb
Potassium	39-2	-11.57	6.43	5.14	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.25	-2.12	-2.12	0.00	N/A	ppb
Selenium	78-2	0.68	-0.34	-0.34	0.00	N/A	ppb
Selenium	82-1	-0.01	0.21	-0.20	0.00	N/A	ppb
Silicon	28-1	-0.38	-0.12	0.50	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.11	-0.58	0.47	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	118.17	172.34	40.19	110.23	60.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.03	0.02	0.01	0.00	N/A	ppb
Titanium	47-1	0.02	0.01	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	-0.05	0.09	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:49:27	DataFile Name :	003CALB.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 :	LB89764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:56:37	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.44	9.65	10.96	14.02	46.09	ppb
Antimony	121-1	1.95	1.88	1.92	1.92	1.75	ppb
Arsenic	75-2	0.91	0.83	0.85	0.86	4.82	ppb
Barium	135-1	9.63	9.35	9.52	9.50	1.51	ppb
Barium	137-1	9.28	9.30	9.58	9.39	1.83	ppb
Beryllium	9-1	0.83	0.92	0.73	0.83	11.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.51	18.79	23.87	21.06	12.25	ppb
Boron	11-1	21.45	21.49	21.00	21.32	1.27	ppb
Cadmium	111-1	1.05	0.96	0.95	0.99	5.21	ppb
Cadmium	106-1	1.50	1.26	0.61	1.12	41.25	ppb
Cadmium	108-1	1.25	1.49	0.92	1.22	23.73	ppb
Calcium	43-1	453.90	473.18	432.57	453.22	4.48	ppb
Calcium	44-1	456.00	458.25	459.33	457.86	0.37	ppb
Chromium	52-2	2.01	2.09	2.05	2.05	1.99	ppb
Cobalt	59-2	0.88	0.96	0.95	0.93	4.68	ppb
Copper	63-2	1.99	1.94	2.13	2.02	4.84	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	46.26	44.29	47.61	46.05	3.63	ppb
Iron	57-2	50.77	44.57	43.89	46.41	8.17	ppb
Lead	206-1	1.14	1.14	1.13	1.14	0.55	ppb
Lead	207-1	1.08	1.15	1.13	1.12	3.19	ppb
Lead	208-1	1.09	1.12	1.13	1.11	1.65	ppb
Lithium	6-1						%
Magnesium	24-2	440.95	427.27	444.16	437.46	2.05	ppb
Manganese	55-2	1.11	0.87	1.02	1.00	12.19	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:56:37	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.95	2.02	1.99	1.99	2.01	ppb
Molybdenum	95-1	4.38	4.44	4.50	4.44	1.30	ppb
Molybdenum	96-1	3.78	3.95	3.95	3.89	2.48	ppb
Molybdenum	97-1	4.44	4.32	4.30	4.35	1.72	ppb
Molybdenum	98-1	4.47	4.37	4.52	4.46	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.88	0.93	0.91	2.90	ppb
Phosphorus	31-2	6.94	-6.96	-6.96	-2.33		ppb
Potassium	39-2	418.08	441.17	462.00	440.42	4.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.15	8.72	-2.12	2.58	215.29	ppb
Selenium	78-2	2.30	3.20	3.12	2.87	17.30	ppb
Selenium	82-1	5.54	5.37	5.34	5.42	1.94	ppb
Silicon	28-1	9.75	10.08	10.19	10.01	2.26	ppb
Silver	109-1	1.30	1.30	1.25	1.29	2.15	ppb
Silver	107-1	1.30	1.32	1.35	1.32	1.88	ppb
Sodium	23-2	450.13	438.52	468.88	452.51	3.39	ppb
Strontium	86-1	1.02	0.95	1.12	1.03	8.37	ppb
Strontium	88-1	0.97	0.94	0.94	0.95	1.65	ppb
Sulfur	34-1	-26.73	-95.07	-208.90	-110.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.98	0.96	0.96	2.01	ppb
Thallium	205-1	0.91	0.95	0.90	0.92	2.85	ppb
Tin	118-1	4.85	4.77	4.90	4.84	1.26	ppb
Titanium	47-1	4.44	4.47	4.46	4.46	0.32	ppb
Uranium	238-1	0.84	0.87	0.87	0.86	2.04	ppb
Vanadium	51-2	4.48	4.51	4.38	4.46	1.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.74	1.81	1.91	1.82	4.75	ppb
Zirconium	90-1	0.89	0.91	0.90	0.90	1.18	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:56:37	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.78	0.98	0.87	11.37	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 14:00:05 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	972.89	928.17	1002.05	967.70	3.85	ppb
Antimony	121-1	52.49	57.49	53.80	54.59	4.75	ppb
Arsenic	75-2	49.88	48.27	48.65	48.93	1.73	ppb
Barium	135-1	260.11	284.36	267.01	270.49	4.62	ppb
Barium	137-1	260.07	282.91	266.89	269.96	4.34	ppb
Beryllium	9-1	50.06	53.73	51.00	51.60	3.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.31	50.57	49.66	48.18	7.02	ppb
Boron	11-1	47.83	52.96	52.20	50.99	5.43	ppb
Cadmium	111-1	54.01	58.69	55.15	55.95	4.37	ppb
Cadmium	106-1	54.51	57.15	54.86	55.51	2.58	ppb
Cadmium	108-1	55.08	57.24	55.06	55.79	2.25	ppb
Calcium	43-1	4893.46	5462.00	5144.76	5166.74	5.51	ppb
Calcium	44-1	5038.97	5445.43	5228.03	5237.48	3.88	ppb
Chromium	52-2	51.73	50.65	50.64	51.01	1.23	ppb
Cobalt	59-2	50.65	50.96	50.54	50.72	0.43	ppb
Copper	63-2	103.85	102.52	101.24	102.54	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	2592.63	2654.70	2612.00	2619.78	1.21	ppb
Iron	57-2	2639.11	2599.89	2593.02	2610.67	0.95	ppb
Lead	206-1	48.98	53.57	50.10	50.88	4.70	ppb
Lead	207-1	48.06	52.72	49.74	50.17	4.70	ppb
Lead	208-1	48.51	53.19	49.82	50.51	4.78	ppb
Lithium	6-1						%
Magnesium	24-2	4995.85	5007.01	4960.74	4987.87	0.48	ppb
Manganese	55-2	103.35	103.82	103.94	103.70	0.30	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:00:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.17	53.22	49.82	50.74	4.29	ppb
Molybdenum	95-1	48.43	52.37	50.08	50.29	3.93	ppb
Molybdenum	96-1	48.71	52.09	49.75	50.18	3.45	ppb
Molybdenum	97-1	48.30	53.34	49.87	50.51	5.11	ppb
Molybdenum	98-1	49.60	53.18	49.84	50.87	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.15	51.66	51.42	51.74	0.72	ppb
Phosphorus	31-2	801.83	869.27	1160.62	943.91	20.20	ppb
Potassium	39-2	2615.78	2645.04	2576.14	2612.32	1.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	59.55	36.20	65.33	53.69	28.72	ppb
Selenium	78-2	53.30	46.79	46.55	48.88	7.84	ppb
Selenium	82-1	51.74	55.06	52.26	53.02	3.37	ppb
Silicon	28-1	58.45	72.80	74.41	68.55	12.82	ppb
Silver	109-1	54.08	58.64	55.01	55.91	4.31	ppb
Silver	107-1	54.48	58.48	55.10	56.02	3.84	ppb
Sodium	23-2	4957.39	5002.53	4894.82	4951.58	1.09	ppb
Strontium	86-1	50.83	53.89	51.73	52.15	3.02	ppb
Strontium	88-1	50.74	54.65	51.48	52.29	3.97	ppb
Sulfur	34-1	880.55	1967.03	2017.46	1621.68	39.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.01	53.26	51.24	51.17	4.15	ppb
Thallium	205-1	49.55	53.24	50.99	51.26	3.63	ppb
Tin	118-1	52.40	57.20	54.02	54.54	4.48	ppb
Titanium	47-1	50.35	53.42	51.37	51.72	3.02	ppb
Uranium	238-1	46.81	51.37	48.37	48.85	4.74	ppb
Vanadium	51-2	50.77	50.13	50.25	50.38	0.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	106.34	106.19	105.70	106.08	0.31	ppb
Zirconium	90-1	49.26	53.51	50.29	51.02	4.34	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:00:05	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.15	51.91	49.82	50.29	2.86	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:03:34	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2431.06	2433.05	2407.84	2423.99	0.58	ppb
Antimony	121-1	136.13	131.59	130.46	132.73	2.26	ppb
Arsenic	75-2	122.88	126.55	126.12	125.18	1.60	ppb
Barium	135-1	680.35	648.69	652.01	660.35	2.63	ppb
Barium	137-1	688.71	661.10	663.17	670.99	2.29	ppb
Beryllium	9-1	127.77	127.50	125.46	126.91	1.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	124.28	125.04	120.63	123.32	1.91	ppb
Boron	11-1	124.56	121.62	124.04	123.41	1.27	ppb
Cadmium	111-1	140.12	137.15	133.86	137.04	2.28	ppb
Cadmium	106-1	143.43	137.90	133.78	138.37	3.50	ppb
Cadmium	108-1	143.98	136.24	134.07	138.09	3.77	ppb
Calcium	43-1	12856.92	12501.59	12444.86	12601.13	1.77	ppb
Calcium	44-1	12945.37	12626.65	12520.65	12697.56	1.74	ppb
Chromium	52-2	127.31	130.28	126.65	128.08	1.51	ppb
Cobalt	59-2	126.08	130.19	127.40	127.89	1.64	ppb
Copper	63-2	257.00	264.43	256.29	259.24	1.74	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	6483.04	6585.80	6414.46	6494.43	1.33	ppb
Iron	57-2	6521.82	6721.86	6495.36	6579.68	1.88	ppb
Lead	206-1	129.12	125.92	125.47	126.84	1.57	ppb
Lead	207-1	127.20	123.51	124.54	125.08	1.52	ppb
Lead	208-1	128.60	124.74	124.96	126.10	1.72	ppb
Lithium	6-1						%
Magnesium	24-2	12489.62	12773.86	12354.61	12539.36	1.71	ppb
Manganese	55-2	259.04	265.60	260.50	261.72	1.32	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:03:34	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	128.14	123.68	124.60	125.47	1.88	ppb
Molybdenum	95-1	124.63	121.06	121.68	122.46	1.56	ppb
Molybdenum	96-1	126.32	120.44	121.71	122.82	2.52	ppb
Molybdenum	97-1	126.89	120.04	122.81	123.25	2.80	ppb
Molybdenum	98-1	126.88	122.26	123.87	124.34	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.26	132.60	128.98	129.62	2.10	ppb
Phosphorus	31-2	2604.56	2744.29	2340.57	2563.14	8.00	ppb
Potassium	39-2	6412.16	6598.53	6503.48	6504.72	1.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	145.38	149.67	133.58	142.87	5.83	ppb
Selenium	78-2	127.74	114.67	129.24	123.88	6.47	ppb
Selenium	82-1	132.82	127.24	129.63	129.90	2.15	ppb
Silicon	28-1	163.91	160.98	157.50	160.80	2.00	ppb
Silver	109-1	140.38	136.19	133.93	136.83	2.39	ppb
Silver	107-1	139.54	135.87	134.47	136.62	1.91	ppb
Sodium	23-2	12725.44	12839.29	12588.87	12717.87	0.99	ppb
Strontium	86-1	130.68	125.32	126.27	127.42	2.25	ppb
Strontium	88-1	133.59	127.13	127.22	129.31	2.86	ppb
Sulfur	34-1	3291.04	2981.95	2869.25	3047.41	7.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	130.74	125.84	126.11	127.56	2.16	ppb
Thallium	205-1	134.98	128.42	128.88	130.76	2.80	ppb
Tin	118-1	136.86	132.81	131.69	133.78	2.03	ppb
Titanium	47-1	129.40	126.88	123.68	126.65	2.26	ppb
Uranium	238-1	127.48	122.56	122.68	124.24	2.26	ppb
Vanadium	51-2	126.83	129.24	128.11	128.06	0.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	261.98	266.84	265.48	264.77	0.95	ppb
Zirconium	90-1	131.27	125.92	123.93	127.04	2.99	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:03:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	128.21	123.33	122.67	124.74	2.43	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:06:58	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4752.26	4670.61	4888.31	4770.39	2.31	ppb
Antimony	121-1	265.40	261.33	267.67	264.80	1.21	ppb
Arsenic	75-2	247.87	250.49	252.69	250.35	0.96	ppb
Barium	135-1	1301.10	1301.20	1307.55	1303.28	0.28	ppb
Barium	137-1	1288.61	1290.91	1299.97	1293.16	0.46	ppb
Beryllium	9-1	247.59	248.62	249.06	248.42	0.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	237.96	239.93	245.05	240.98	1.52	ppb
Boron	11-1	240.14	243.87	245.02	243.01	1.05	ppb
Cadmium	111-1	262.47	264.94	263.04	263.48	0.49	ppb
Cadmium	106-1	270.06	267.61	265.81	267.83	0.80	ppb
Cadmium	108-1	262.56	266.78	266.67	265.34	0.91	ppb
Calcium	43-1	24939.08	24491.24	24930.05	24786.79	1.03	ppb
Calcium	44-1	24934.77	24653.48	24709.59	24765.94	0.60	ppb
Chromium	52-2	255.30	252.97	256.68	254.98	0.74	ppb
Cobalt	59-2	254.54	249.30	253.26	252.37	1.08	ppb
Copper	63-2	515.63	506.54	520.62	514.26	1.39	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	12895.29	12732.10	12999.81	12875.74	1.05	ppb
Iron	57-2	13091.62	12763.78	13071.73	12975.71	1.42	ppb
Lead	206-1	248.85	245.45	248.47	247.59	0.75	ppb
Lead	207-1	243.17	240.99	242.65	242.27	0.47	ppb
Lead	208-1	250.86	246.12	249.66	248.88	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	24923.76	24547.24	25264.62	24911.87	1.44	ppb
Manganese	55-2	523.95	508.46	522.95	518.45	1.67	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:06:58	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.99	250.72	247.70	249.80	0.73	ppb
Molybdenum	95-1	241.33	240.84	241.21	241.13	0.11	ppb
Molybdenum	96-1	245.67	244.98	245.06	245.23	0.15	ppb
Molybdenum	97-1	242.33	246.10	241.93	243.45	0.94	ppb
Molybdenum	98-1	249.70	249.42	244.62	247.91	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.58	254.01	261.14	257.24	1.40	ppb
Phosphorus	31-2	4890.08	5329.58	5074.82	5098.16	4.33	ppb
Potassium	39-2	12743.10	12702.77	13029.40	12825.09	1.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	218.05	223.47	260.92	234.15	9.97	ppb
Selenium	78-2	264.83	272.69	235.76	257.76	7.55	ppb
Selenium	82-1	252.08	257.75	253.91	254.58	1.14	ppb
Silicon	28-1	279.18	277.99	283.08	280.08	0.95	ppb
Silver	109-1	271.96	270.75	272.14	271.62	0.28	ppb
Silver	107-1	270.83	265.65	269.68	268.72	1.01	ppb
Sodium	23-2	25113.51	24795.79	25411.11	25106.80	1.23	ppb
Strontium	86-1	249.66	249.64	246.75	248.68	0.67	ppb
Strontium	88-1	247.30	252.19	248.64	249.38	1.01	ppb
Sulfur	34-1	5153.97	4985.57	5104.63	5081.39	1.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	251.79	247.57	249.39	249.58	0.85	ppb
Thallium	205-1	252.50	250.47	252.85	251.94	0.51	ppb
Tin	118-1	261.20	267.95	262.86	264.00	1.33	ppb
Titanium	47-1	250.54	251.05	251.28	250.95	0.15	ppb
Uranium	238-1	241.22	243.21	242.74	242.39	0.43	ppb
Vanadium	51-2	252.78	249.75	254.63	252.39	0.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	520.16	521.88	523.90	521.98	0.36	ppb
Zirconium	90-1	245.78	250.80	249.31	248.63	1.04	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:06:58	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	245.04	246.91	245.63	245.86	0.39	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:10:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9631.09	9851.90	9528.51	9670.50	1.71	ppb
Antimony	121-1	508.10	513.82	544.71	522.21	3.77	ppb
Arsenic	75-2	499.98	496.29	500.45	498.91	0.46	ppb
Barium	135-1	2567.39	2548.80	2718.38	2611.53	3.56	ppb
Barium	137-1	2521.75	2558.63	2683.24	2587.87	3.27	ppb
Beryllium	9-1	499.87	497.69	533.85	510.47	3.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	482.68	499.44	524.13	502.08	4.15	ppb
Boron	11-1	493.87	496.69	537.88	509.48	4.83	ppb
Cadmium	111-1	510.87	510.90	544.20	521.99	3.68	ppb
Cadmium	106-1	511.52	511.61	549.35	524.16	4.16	ppb
Cadmium	108-1	515.03	514.66	542.08	523.93	3.00	ppb
Calcium	43-1	50239.08	49573.52	52192.36	50668.32	2.69	ppb
Calcium	44-1	50318.10	49794.25	52150.25	50754.20	2.44	ppb
Chromium	52-2	498.78	505.76	501.37	501.97	0.70	ppb
Cobalt	59-2	498.19	501.96	498.06	499.40	0.44	ppb
Copper	63-2	1014.36	1016.10	1018.35	1016.27	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25424.50	25366.20	25274.65	25355.12	0.30	ppb
Iron	57-2	25447.31	25730.53	25608.83	25595.56	0.56	ppb
Lead	206-1	509.42	507.72	541.45	519.53	3.66	ppb
Lead	207-1	514.50	506.19	547.11	522.60	4.14	ppb
Lead	208-1	510.16	503.69	538.36	517.40	3.56	ppb
Lithium	6-1						%
Magnesium	24-2	51223.21	51483.81	50493.59	51066.87	1.01	ppb
Manganese	55-2	1005.20	1013.96	1008.32	1009.16	0.44	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:10:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.23	508.43	541.65	517.44	4.10	ppb
Molybdenum	95-1	509.19	505.88	537.81	517.63	3.39	ppb
Molybdenum	96-1	506.81	504.08	538.59	516.49	3.71	ppb
Molybdenum	97-1	496.10	496.93	527.06	506.70	3.48	ppb
Molybdenum	98-1	507.45	510.51	535.68	517.88	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.46	508.80	504.93	505.73	0.54	ppb
Phosphorus	31-2	9012.94	10553.75	9512.57	9693.09	8.11	ppb
Potassium	39-2	25000.52	25356.28	25280.93	25212.58	0.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	476.58	464.04	521.35	487.32	6.18	ppb
Selenium	78-2	528.16	494.51	483.83	502.17	4.61	ppb
Selenium	82-1	512.87	513.53	541.28	522.56	3.10	ppb
Silicon	28-1	561.81	576.08	609.17	582.35	4.17	ppb
Silver	109-1	521.42	517.11	546.70	528.41	3.02	ppb
Silver	107-1	517.04	514.76	548.08	526.63	3.53	ppb
Sodium	23-2	50086.52	50724.53	50136.77	50315.94	0.71	ppb
Strontium	86-1	502.55	510.18	538.89	517.21	3.70	ppb
Strontium	88-1	504.06	503.20	536.18	514.48	3.65	ppb
Sulfur	34-1	10201.62	9878.84	11211.01	10430.49	6.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	510.53	507.01	537.22	518.26	3.19	ppb
Thallium	205-1	501.77	494.80	531.53	509.37	3.83	ppb
Tin	118-1	512.12	518.52	546.27	525.64	3.45	ppb
Titanium	47-1	506.32	498.94	527.12	510.79	2.86	ppb
Uranium	238-1	493.64	491.87	520.60	502.04	3.21	ppb
Vanadium	51-2	497.63	503.81	500.54	500.66	0.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1010.57	1023.77	1015.01	1016.45	0.66	ppb
Zirconium	90-1	503.61	500.52	535.10	513.08	3.73	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:10:14	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.14	502.90	537.78	515.28	3.79	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:13:26	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19848.06	19588.88	19147.30	19528.08	1.81	ppb
Antimony	121-1	982.86	983.50	985.64	984.00	0.15	ppb
Arsenic	75-2	994.79	1009.25	997.43	1000.49	0.77	ppb
Barium	135-1	4942.06	4934.61	4899.75	4925.47	0.46	ppb
Barium	137-1	4930.79	4953.69	4931.10	4938.53	0.27	ppb
Beryllium	9-1	988.18	991.72	1004.63	994.84	0.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1005.10	993.38	1006.36	1001.61	0.71	ppb
Boron	11-1	989.67	997.36	1004.71	997.25	0.75	ppb
Cadmium	111-1	980.93	990.61	979.95	983.83	0.60	ppb
Cadmium	106-1	981.19	984.84	978.52	981.52	0.32	ppb
Cadmium	108-1	984.51	986.85	975.47	982.28	0.61	ppb
Calcium	43-1	101800.58	100256.49	100169.76	100742.28	0.91	ppb
Calcium	44-1	98926.66	97334.74	98119.03	98126.81	0.81	ppb
Chromium	52-2	1007.36	996.79	987.85	997.33	0.98	ppb
Cobalt	59-2	1018.96	991.56	987.41	999.31	1.72	ppb
Copper	63-2	2021.00	1972.53	1967.53	1987.02	1.49	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	50461.17	49993.21	49910.54	50121.64	0.59	ppb
Iron	57-2	51348.04	50327.53	50588.31	50754.63	1.04	ppb
Lead	206-1	999.73	985.58	986.38	990.56	0.80	ppb
Lead	207-1	995.37	996.96	979.50	990.61	0.97	ppb
Lead	208-1	996.02	997.13	981.09	991.42	0.90	ppb
Lithium	6-1						%
Magnesium	24-2	103991.99	101662.18	101180.77	102278.31	1.47	ppb
Manganese	55-2	2015.36	1978.91	1973.20	1989.16	1.15	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:13:26	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	977.76	999.66	996.33	991.25	1.19	ppb
Molybdenum	95-1	986.98	997.22	996.93	993.71	0.59	ppb
Molybdenum	96-1	987.77	995.09	996.78	993.21	0.48	ppb
Molybdenum	97-1	994.74	999.03	1001.69	998.49	0.35	ppb
Molybdenum	98-1	988.08	988.23	998.56	991.62	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1009.44	991.86	982.67	994.66	1.37	ppb
Phosphorus	31-2	20186.79	20042.33	20142.37	20123.83	0.37	ppb
Potassium	39-2	50319.80	49549.66	49512.19	49793.88	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	962.72	999.13	1061.84	1007.89	4.97	ppb
Selenium	78-2	976.95	1019.97	994.63	997.18	2.17	ppb
Selenium	82-1	979.62	992.14	988.67	986.81	0.66	ppb
Silicon	28-1	952.19	933.82	951.70	945.90	1.11	ppb
Silver	109-1	985.62	982.91	967.32	978.61	1.01	ppb
Silver	107-1	984.55	986.84	969.38	980.25	0.97	ppb
Sodium	23-2	102243.35	101364.58	100892.51	101500.15	0.68	ppb
Strontium	86-1	980.91	995.08	997.96	991.32	0.92	ppb
Strontium	88-1	980.91	998.96	996.93	992.26	1.00	ppb
Sulfur	34-1	20005.18	19517.50	19472.01	19664.90	1.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	999.20	992.23	980.36	990.60	0.96	ppb
Thallium	205-1	999.65	992.23	990.27	994.05	0.50	ppb
Tin	118-1	988.13	983.79	975.15	982.36	0.67	ppb
Titanium	47-1	1002.35	992.03	987.84	994.08	0.75	ppb
Uranium	238-1	999.11	1006.75	997.25	1001.04	0.50	ppb
Vanadium	51-2	1012.02	997.76	986.24	998.68	1.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2004.49	1971.91	1976.00	1984.13	0.89	ppb
Zirconium	90-1	987.24	992.67	1000.58	993.50	0.68	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:13:26	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	990.98	994.39	994.88	993.42	0.21	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:16:36	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102827.87	98447.80	99147.45	100141.04	2.35	ppb
Antimony	121-1	2.17	2.11	2.14	2.14	1.42	ppb
Arsenic	75-2	0.33	0.32	0.25	0.30	13.68	ppb
Barium	135-1	1.59	1.61	1.57	1.59	1.46	ppb
Barium	137-1	1.58	1.61	1.64	1.61	1.75	ppb
Beryllium	9-1	0.38	0.32	0.27	0.32	18.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	32.98	33.99	30.02	32.33	6.38	ppb
Boron	11-1	33.88	33.18	30.13	32.40	6.17	ppb
Cadmium	111-1	0.18	0.15	0.20	0.18	16.15	ppb
Cadmium	106-1	0.58	0.20	0.77	0.52	56.11	ppb
Cadmium	108-1	0.08	0.10	0.08	0.08	16.61	ppb
Calcium	43-1	502020.10	497427.13	499926.45	499791.22	0.46	ppb
Calcium	44-1	502773.89	499429.83	498707.23	500303.65	0.43	ppb
Chromium	52-2	3.69	3.57	3.68	3.65	1.70	ppb
Cobalt	59-2	1.29	1.05	1.12	1.15	10.91	ppb
Copper	63-2	2.98	2.94	2.72	2.88	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	256488.40	244394.46	248859.33	249914.07	2.45	ppb
Iron	57-2	255743.79	245402.62	248122.74	249756.38	2.15	ppb
Lead	206-1	1.94	1.86	1.87	1.89	2.21	ppb
Lead	207-1	1.73	1.67	1.74	1.71	2.17	ppb
Lead	208-1	1.83	1.77	1.82	1.80	1.73	ppb
Lithium	6-1						%
Magnesium	24-2	512915.75	490866.87	494541.15	499441.26	2.37	ppb
Manganese	55-2	5.20	5.24	4.81	5.08	4.65	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:16:36	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.46	0.45	0.42	0.44	4.76	ppb
Molybdenum	95-1	1.07	1.00	1.10	1.06	4.72	ppb
Molybdenum	96-1	1.38	1.31	1.35	1.35	2.51	ppb
Molybdenum	97-1	1.00	0.94	1.07	1.00	6.37	ppb
Molybdenum	98-1	1.04	0.96	0.97	0.99	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.52	2.32	2.46	2.43	4.35	ppb
Phosphorus	31-2	23.69	37.13	22.70	27.84	28.95	ppb
Potassium	39-2	254939.88	246160.16	248888.97	249996.34	1.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	1.28	-0.99		ppb
Selenium	78-2	0.30	0.23	3.52	1.35	139.06	ppb
Selenium	82-1	0.74	0.05	1.03	0.61	82.38	ppb
Silicon	28-1	9.38	7.49	5.48	7.45	26.13	ppb
Silver	109-1	0.09	0.08	0.10	0.09	7.22	ppb
Silver	107-1	0.09	0.08	0.10	0.09	11.16	ppb
Sodium	23-2	514497.25	488695.92	495781.19	499658.12	2.67	ppb
Strontium	86-1	33.86	34.94	34.17	34.33	1.62	ppb
Strontium	88-1	34.00	34.24	34.04	34.09	0.38	ppb
Sulfur	34-1	384.66	312.99	305.13	334.26	13.11	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.37	0.39	0.32	0.36	11.04	ppb
Thallium	205-1	0.36	0.34	0.32	0.34	5.93	ppb
Tin	118-1	0.66	0.61	0.62	0.63	4.41	ppb
Titanium	47-1	0.68	0.58	0.45	0.57	19.96	ppb
Uranium	238-1	0.08	0.07	0.07	0.07	11.96	ppb
Vanadium	51-2	0.21	0.27	0.30	0.26	17.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.33	6.46	7.75	7.18	9.16	ppb
Zirconium	90-1	0.16	0.17	0.16	0.16	5.81	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:16:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.21	0.17	0.18	15.31	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:47:20	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	464.94	461.47	504.04	476.82	4.96	ppb
Antimony	121-1	209.19	203.80	202.50	205.17	1.73	ppb
Arsenic	75-2	201.45	199.64	200.43	200.51	0.45	ppb
Barium	135-1	103.63	102.65	100.83	102.37	1.39	ppb
Barium	137-1	103.19	102.58	99.28	101.68	2.07	ppb
Beryllium	9-1	99.39	100.20	97.53	99.04	1.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	560.04	550.11	534.28	548.14	2.37	ppb
Boron	11-1	560.89	562.13	553.86	558.96	0.80	ppb
Cadmium	111-1	108.89	107.71	105.54	107.38	1.58	ppb
Cadmium	106-1	158.67	162.19	159.16	160.01	1.19	ppb
Cadmium	108-1	136.88	138.03	134.21	136.37	1.44	ppb
Calcium	43-1	2146.03	2146.61	2099.64	2130.76	1.26	ppb
Calcium	44-1	2121.96	2114.59	2063.61	2100.06	1.51	ppb
Chromium	52-2	99.85	98.13	100.37	99.45	1.18	ppb
Cobalt	59-2	101.53	99.43	102.88	101.28	1.72	ppb
Copper	63-2	103.13	100.75	104.29	102.72	1.76	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	1015.01	986.85	1020.28	1007.38	1.78	ppb
Iron	57-2	1021.07	1013.67	1056.81	1030.52	2.24	ppb
Lead	206-1	204.29	199.61	197.39	200.43	1.76	ppb
Lead	207-1	193.05	189.08	188.15	190.09	1.37	ppb
Lead	208-1	202.45	197.71	196.74	198.97	1.54	ppb
Lithium	6-1						%
Magnesium	24-2	1193.12	1188.79	1246.60	1209.51	2.66	ppb
Manganese	55-2	103.53	101.70	102.39	102.54	0.90	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:47:20	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	501.74	497.52	485.68	494.98	1.68	ppb
Molybdenum	95-1	507.13	500.45	484.44	497.34	2.34	ppb
Molybdenum	96-1	509.88	499.17	481.37	496.80	2.90	ppb
Molybdenum	97-1	500.40	491.08	482.06	491.18	1.87	ppb
Molybdenum	98-1	511.18	497.65	486.34	498.39	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.17	101.42	103.60	103.40	1.82	ppb
Phosphorus	31-2	8.12	7.62	-6.96	2.92	292.91	ppb
Potassium	39-2	2055.64	1937.06	2062.21	2018.30	3.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	180.75	217.36	263.24	220.45	18.75	ppb
Selenium	78-2	217.40	220.05	210.85	216.10	2.19	ppb
Selenium	82-1	205.71	200.60	197.90	201.40	1.97	ppb
Silicon	28-1	482.06	478.50	466.57	475.71	1.71	ppb
Silver	109-1	104.94	104.18	102.31	103.81	1.31	ppb
Silver	107-1	105.56	104.11	101.89	103.85	1.78	ppb
Sodium	23-2	2000.18	1976.58	2023.15	1999.97	1.16	ppb
Strontium	86-1	509.30	499.17	489.41	499.30	1.99	ppb
Strontium	88-1	508.70	497.24	486.57	497.50	2.22	ppb
Sulfur	34-1	-134.24	-421.31	-667.47	-407.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	205.99	199.11	200.30	201.80	1.82	ppb
Thallium	205-1	210.20	204.69	204.04	206.31	1.64	ppb
Tin	118-1	528.94	525.71	511.02	521.89	1.83	ppb
Titanium	47-1	499.78	496.46	489.04	495.09	1.11	ppb
Uranium	238-1	530.32	521.52	522.95	524.93	0.90	ppb
Vanadium	51-2	99.13	97.85	98.88	98.62	0.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	207.56	204.45	208.65	206.89	1.05	ppb
Zirconium	90-1	495.49	489.57	481.54	488.86	1.43	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:47:20	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.70	493.79	481.72	492.07	1.95	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 14:50:25 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.69	0.68	-0.69	-0.23		ppb
Antimony	121-1	0.12	0.11	0.10	0.11	8.92	ppb
Arsenic	75-2	-0.02	0.02	0.01	0.00	1034.87	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	4035.69	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.06	0.06	0.09	0.07	25.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.17	8.53	7.28	7.99	8.07	ppb
Boron	11-1	8.73	8.10	7.80	8.21	5.76	ppb
Cadmium	111-1	-0.03	-0.07	-0.07	-0.05		ppb
Cadmium	106-1	-0.32	-0.85	-0.87	-0.68		ppb
Cadmium	108-1	0.07	0.00	-0.03	0.01	432.25	ppb
Calcium	43-1	-15.46	-19.75	-16.04	-17.08		ppb
Calcium	44-1	1.52	-3.50	1.73	-0.08		ppb
Chromium	52-2	0.00	0.08	0.02	0.03	126.49	ppb
Cobalt	59-2	-0.01	0.02	-0.01	0.00	1154.69	ppb
Copper	63-2	0.16	0.15	0.09	0.13	30.98	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	0.15	0.50	0.19	0.28	68.62	ppb
Iron	57-2	-0.43	0.97	-1.65	-0.37		ppb
Lead	206-1	0.05	0.02	0.01	0.03	66.49	ppb
Lead	207-1	0.04	0.03	0.01	0.02	43.91	ppb
Lead	208-1	0.03	0.02	0.01	0.02	40.46	ppb
Lithium	6-1						%
Magnesium	24-2	-0.82	2.66	2.56	1.47	134.92	ppb
Manganese	55-2	-0.01	0.04	-0.03	0.00	13958.28	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:50:25	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.02	0.03	21.20	ppb
Molybdenum	95-1	0.02	0.04	0.03	0.03	27.84	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	10.93	ppb
Molybdenum	97-1	0.07	0.02	0.05	0.05	50.13	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	15.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	-0.01	0.02	137.89	ppb
Phosphorus	31-2	35.51	-6.96	35.42	21.32	114.88	ppb
Potassium	39-2	-5.71	27.17	-0.90	6.86	259.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-0.33	-0.26	-0.32	-0.31		ppb
Selenium	82-1	0.36	0.53	0.02	0.30	85.53	ppb
Silicon	28-1	-9.74	-9.86	-9.47	-9.69		ppb
Silver	109-1	0.01	0.00	0.01	0.01	54.82	ppb
Silver	107-1	0.01	0.01	0.00	0.00	125.07	ppb
Sodium	23-2	16.73	23.32	17.75	19.27	18.42	ppb
Strontium	86-1	-0.02	0.04	-0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-716.09	-603.25	-431.99	-583.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.04	0.05	14.68	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	23.43	ppb
Tin	118-1	0.18	0.19	0.21	0.19	8.69	ppb
Titanium	47-1	0.06	0.05	0.02	0.04	42.35	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.21	ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	-0.05	0.02	0.02	342.91	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	46.61	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:50:25	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.04	0.03	38.26	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 14:53:35 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91085.51	90449.19	90554.27	90696.32	0.38	ppb
Antimony	121-1	1.16	1.29	1.12	1.19	7.46	ppb
Arsenic	75-2	0.35	0.34	0.38	0.36	6.04	ppb
Barium	135-1	1.46	1.79	1.37	1.54	14.45	ppb
Barium	137-1	1.49	1.64	1.46	1.53	6.11	ppb
Beryllium	9-1	0.28	0.35	0.29	0.31	11.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.93	6.44	6.25	6.54	5.35	ppb
Boron	11-1	6.09	7.04	6.34	6.49	7.55	ppb
Cadmium	111-1	0.08	0.23	0.23	0.18	48.11	ppb
Cadmium	106-1	-1.77	-0.66	-0.39	-0.94		ppb
Cadmium	108-1	6.20	7.18	6.78	6.72	7.30	ppb
Calcium	43-1	98811.05	108905.89	98916.52	102211.15	5.67	ppb
Calcium	44-1	96548.97	106639.15	97375.84	100187.99	5.59	ppb
Chromium	52-2	19.97	20.25	19.48	19.90	1.95	ppb
Cobalt	59-2	1.15	1.10	1.11	1.12	2.37	ppb
Copper	63-2	7.81	8.06	7.84	7.91	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99490.95	98578.86	98986.84	99018.88	0.46	ppb
Iron	57-2	100945.08	100856.87	101083.22	100961.72	0.11	ppb
Lead	206-1	4.55	5.25	4.62	4.80	8.00	ppb
Lead	207-1	4.08	4.43	3.95	4.15	5.95	ppb
Lead	208-1	4.22	4.70	4.25	4.39	6.05	ppb
Lithium	6-1						%
Magnesium	24-2	100265.95	99100.28	99226.53	99530.92	0.64	ppb
Manganese	55-2	8.19	8.33	7.13	7.88	8.38	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:53:35	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	564.90	630.91	580.41	592.08	5.83	ppb
Molybdenum	95-1	1845.50	2021.72	1881.60	1916.27	4.86	ppb
Molybdenum	96-1	1543.19	1709.91	1574.40	1609.17	5.51	ppb
Molybdenum	97-1	1847.10	2019.01	1881.13	1915.75	4.75	ppb
Molybdenum	98-1	1873.50	2063.70	1909.83	1949.01	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.16	5.31	5.52	5.33	3.38	ppb
Phosphorus	31-2	95398.02	94610.30	93983.16	94663.83	0.75	ppb
Potassium	39-2	101187.00	100068.79	99113.67	100123.15	1.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	0.23	1.33	0.79	0.78	70.07	ppb
Selenium	82-1	-0.09	0.98	-0.03	0.29	210.38	ppb
Silicon	28-1	18.96	28.80	19.65	22.47	24.44	ppb
Silver	109-1	0.14	0.16	0.13	0.14	11.66	ppb
Silver	107-1	0.14	0.16	0.13	0.14	8.69	ppb
Sodium	23-2	99850.70	99493.16	99104.68	99482.85	0.38	ppb
Strontium	86-1	32.87	36.03	33.08	33.99	5.19	ppb
Strontium	88-1	32.46	35.80	33.09	33.78	5.25	ppb
Sulfur	34-1	73848.77	82795.67	74753.06	77132.50	6.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.11	0.06	0.08	32.45	ppb
Thallium	205-1	0.09	0.10	0.10	0.10	8.18	ppb
Tin	118-1	0.23	0.26	0.20	0.23	12.97	ppb
Titanium	47-1	1934.04	2117.57	1934.98	1995.53	5.30	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	9.31	ppb
Vanadium	51-2	0.21	0.18	0.17	0.19	11.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.92	11.53	12.17	11.88	2.71	ppb
Zirconium	90-1	0.20	0.17	0.16	0.18	12.29	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:53:35	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.18	0.18	0.17	3.91	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:56:39	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90391.73	91039.44	91720.10	91050.42	0.73	ppb
Antimony	121-1	20.95	20.56	20.66	20.72	0.98	ppb
Arsenic	75-2	19.70	18.99	19.24	19.31	1.87	ppb
Barium	135-1	22.09	20.96	21.98	21.68	2.88	ppb
Barium	137-1	21.98	22.31	21.95	22.08	0.90	ppb
Beryllium	9-1	20.40	19.99	20.30	20.23	1.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	66.10	58.70	63.39	62.73	5.97	ppb
Boron	11-1	61.97	61.91	62.49	62.12	0.51	ppb
Cadmium	111-1	20.56	19.97	20.01	20.18	1.62	ppb
Cadmium	106-1	21.86	23.70	22.72	22.76	4.04	ppb
Cadmium	108-1	27.39	29.35	28.04	28.26	3.53	ppb
Calcium	43-1	103633.89	99314.37	98951.87	100633.38	2.59	ppb
Calcium	44-1	100480.34	97481.13	98023.79	98661.75	1.62	ppb
Chromium	52-2	39.24	39.91	40.86	40.01	2.03	ppb
Cobalt	59-2	20.98	21.37	21.48	21.27	1.22	ppb
Copper	63-2	28.47	28.50	28.17	28.38	0.66	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	98641.90	98455.38	99685.64	98927.64	0.67	ppb
Iron	57-2	101182.83	101857.92	102249.89	101763.55	0.53	ppb
Lead	206-1	25.84	25.52	25.46	25.61	0.80	ppb
Lead	207-1	23.36	23.08	23.19	23.21	0.59	ppb
Lead	208-1	24.32	23.78	24.04	24.05	1.13	ppb
Lithium	6-1						%
Magnesium	24-2	99658.10	100330.90	100173.57	100054.19	0.35	ppb
Manganese	55-2	27.39	27.59	28.27	27.75	1.66	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:56:39	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	639.10	634.09	632.11	635.10	0.57	ppb
Molybdenum	95-1	1950.30	1947.79	1912.45	1936.85	1.09	ppb
Molybdenum	96-1	1647.05	1639.40	1611.42	1632.63	1.15	ppb
Molybdenum	97-1	1961.94	1973.37	1918.80	1951.37	1.47	ppb
Molybdenum	98-1	1993.43	1963.98	1947.66	1968.36	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.32	25.98	25.62	25.97	1.33	ppb
Phosphorus	31-2	92926.62	93732.11	94684.82	93781.18	0.94	ppb
Potassium	39-2	100239.39	100877.08	101227.60	100781.36	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.39	28.09	14.85	18.11	48.68	ppb
Selenium	78-2	18.12	22.30	18.20	19.54	12.24	ppb
Selenium	82-1	21.54	20.22	19.02	20.26	6.22	ppb
Silicon	28-1	78.20	74.26	71.91	74.79	4.25	ppb
Silver	109-1	19.59	19.11	19.10	19.27	1.45	ppb
Silver	107-1	19.72	19.19	18.93	19.28	2.09	ppb
Sodium	23-2	100229.11	99011.19	99689.63	99643.31	0.61	ppb
Strontium	86-1	86.95	84.85	83.64	85.15	1.97	ppb
Strontium	88-1	88.13	86.28	85.20	86.54	1.71	ppb
Sulfur	34-1	75976.65	73405.17	73998.65	74460.16	1.81	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	21.07	20.31	20.62	20.67	1.84	ppb
Thallium	205-1	20.88	20.49	20.72	20.70	0.94	ppb
Tin	118-1	52.56	51.94	52.81	52.44	0.86	ppb
Titanium	47-1	2036.29	1975.13	2026.37	2012.60	1.63	ppb
Uranium	238-1	53.16	51.57	52.07	52.27	1.56	ppb
Vanadium	51-2	19.78	19.86	19.73	19.79	0.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	34.22	30.96	31.23	32.14	5.63	ppb
Zirconium	90-1	52.61	52.08	50.98	51.89	1.60	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:56:39	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.54	51.22	50.60	51.12	0.94	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:59:42	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51327.93	50232.98	50740.11	50767.01	1.08	ppb
Antimony	121-1	502.79	509.14	505.07	505.67	0.64	ppb
Arsenic	75-2	497.83	507.56	507.64	504.34	1.12	ppb
Barium	135-1	2527.62	2573.21	2543.36	2548.06	0.91	ppb
Barium	137-1	2522.48	2562.93	2553.09	2546.17	0.83	ppb
Beryllium	9-1	513.04	514.87	508.87	512.26	0.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	500.09	522.59	514.30	512.33	2.22	ppb
Boron	11-1	505.12	521.85	516.87	514.62	1.67	ppb
Cadmium	111-1	488.02	497.38	492.21	492.54	0.95	ppb
Cadmium	106-1	492.53	505.53	494.16	497.41	1.42	ppb
Cadmium	108-1	494.71	497.62	488.13	493.49	0.98	ppb
Calcium	43-1	250020.29	248580.01	251973.63	250191.31	0.68	ppb
Calcium	44-1	248329.64	247206.66	249889.52	248475.27	0.54	ppb
Chromium	52-2	516.21	515.61	518.81	516.88	0.33	ppb
Cobalt	59-2	503.50	502.18	502.14	502.61	0.15	ppb
Copper	63-2	1002.87	994.22	1001.05	999.38	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124318.50	123600.16	124371.04	124096.57	0.35	ppb
Iron	57-2	127809.87	126288.13	126212.04	126770.02	0.71	ppb
Lead	206-1	517.27	526.47	519.47	521.07	0.92	ppb
Lead	207-1	513.87	524.83	525.82	521.51	1.27	ppb
Lead	208-1	513.51	522.57	522.54	519.54	1.01	ppb
Lithium	6-1						%
Magnesium	24-2	256870.41	252950.23	255712.12	255177.59	0.79	ppb
Manganese	55-2	1035.84	1030.29	1030.99	1032.37	0.29	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:59:42	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.34	513.65	514.45	512.15	0.65	ppb
Molybdenum	95-1	509.08	517.88	509.20	512.05	0.98	ppb
Molybdenum	96-1	509.89	516.52	509.80	512.07	0.75	ppb
Molybdenum	97-1	494.22	514.87	501.64	503.58	2.08	ppb
Molybdenum	98-1	504.38	517.47	514.94	512.26	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.73	503.15	502.56	503.81	0.34	ppb
Phosphorus	31-2	9887.26	10665.84	9909.83	10154.31	4.36	ppb
Potassium	39-2	130639.17	130244.12	129323.28	130068.86	0.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	457.38	477.98	531.64	489.00	7.84	ppb
Selenium	78-2	550.09	482.71	495.22	509.34	7.04	ppb
Selenium	82-1	497.75	500.73	501.72	500.07	0.41	ppb
Silicon	28-1	523.48	520.94	527.83	524.08	0.66	ppb
Silver	109-1	494.80	501.56	493.13	496.50	0.90	ppb
Silver	107-1	493.67	501.92	490.23	495.27	1.21	ppb
Sodium	23-2	259184.87	255282.81	256771.55	257079.74	0.77	ppb
Strontium	86-1	521.36	526.45	522.33	523.38	0.52	ppb
Strontium	88-1	514.71	521.12	526.67	520.83	1.15	ppb
Sulfur	34-1	9172.35	8803.36	9082.60	9019.44	2.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.76	525.08	525.63	521.15	1.40	ppb
Thallium	205-1	509.03	517.92	517.16	514.70	0.96	ppb
Tin	118-1	504.26	511.90	506.87	507.68	0.76	ppb
Titanium	47-1	508.68	502.87	507.09	506.21	0.59	ppb
Uranium	238-1	522.92	528.09	528.71	526.57	0.60	ppb
Vanadium	51-2	521.50	518.64	519.75	519.96	0.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1011.46	1006.96	1002.13	1006.85	0.46	ppb
Zirconium	90-1	505.17	507.27	508.91	507.12	0.37	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:59:42	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.60	513.39	518.90	513.96	0.91	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P8
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:17:30	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.76	0.40	0.36	-0.33		ppb
Antimony	121-1	0.05	0.04	0.05	0.05	6.21	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	2943.33	ppb
Barium	135-1	0.01	0.00	0.01	0.00	127.64	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.06	0.04	0.06	28.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.44	2.01	2.51	2.32	11.85	ppb
Boron	11-1	3.00	2.39	2.73	2.71	11.34	ppb
Cadmium	111-1	-0.07	-0.05	0.00	-0.04		ppb
Cadmium	106-1	-0.87	-0.73	-0.01	-0.54		ppb
Cadmium	108-1	0.00	-0.03	-0.03	-0.02		ppb
Calcium	43-1	0.02	-17.75	-6.74	-8.16		ppb
Calcium	44-1	16.00	5.51	3.12	8.21	83.49	ppb
Chromium	52-2	0.00	-0.07	-0.05	-0.04		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.11	0.09	0.08	43.86	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	0.52	0.52	0.45	0.49	8.14	ppb
Iron	57-2	-1.07	0.19	-0.46	-0.45		ppb
Lead	206-1	0.04	0.03	0.01	0.02	61.22	ppb
Lead	207-1	0.04	-0.01	0.01	0.01	187.34	ppb
Lead	208-1	0.02	0.02	0.01	0.02	37.71	ppb
Lithium	6-1						%
Magnesium	24-2	2.92	2.39	2.95	2.75	11.53	ppb
Manganese	55-2	0.06	0.00	-0.04	0.01	841.41	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P8
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:17:30	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.00	0.00	128.44	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	21.78	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.02	43.32	ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	106.00	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	97.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	451.69	ppb
Phosphorus	31-2	34.85	7.28	7.03	16.38	97.61	ppb
Potassium	39-2	-9.40	8.82	3.48	0.97	969.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	0.21	-0.33	-0.33	-0.15		ppb
Selenium	82-1	0.67	-0.43	0.08	0.11	522.23	ppb
Silicon	28-1	1.27	-9.19	-9.68	-5.87		ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.16	ppb
Silver	107-1	0.01	0.00	0.01	0.01	45.54	ppb
Sodium	23-2	34.33	33.64	34.04	34.01	1.01	ppb
Strontium	86-1	0.04	-0.03	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	460.26	-671.51	-513.60	-241.62		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.01	32.56	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.51	ppb
Tin	118-1	0.03	0.00	-0.04	0.00		ppb
Titanium	47-1	0.04	0.03	-0.03	0.01	303.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.00	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.07	0.03	-0.02	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	28.02	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P8
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:17:30	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	97.65	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:20:40	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.13	5.88	16.29	13.10	47.85	ppb
Antimony	121-1	1.89	1.89	1.94	1.91	1.42	ppb
Arsenic	75-2	1.02	0.93	0.78	0.91	13.53	ppb
Barium	135-1	9.09	9.45	9.37	9.30	2.03	ppb
Barium	137-1	9.46	9.25	9.29	9.33	1.22	ppb
Beryllium	9-1	0.87	0.90	1.04	0.94	9.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.81	23.31	24.36	23.16	5.52	ppb
Boron	11-1	23.66	24.43	26.44	24.84	5.77	ppb
Cadmium	111-1	0.87	0.94	0.93	0.92	4.18	ppb
Cadmium	106-1	-0.02	0.71	0.62	0.44	90.60	ppb
Cadmium	108-1	1.06	1.03	0.96	1.02	5.16	ppb
Calcium	43-1	464.01	417.67	457.81	446.50	5.63	ppb
Calcium	44-1	447.47	441.01	477.75	455.41	4.31	ppb
Chromium	52-2	2.10	2.08	1.94	2.04	4.23	ppb
Cobalt	59-2	0.90	0.98	0.91	0.93	4.40	ppb
Copper	63-2	2.18	2.22	2.20	2.20	0.95	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	47.11	48.38	47.49	47.66	1.37	ppb
Iron	57-2	48.73	46.18	46.35	47.09	3.03	ppb
Lead	206-1	1.13	1.14	1.20	1.15	3.61	ppb
Lead	207-1	1.07	1.12	1.15	1.11	3.89	ppb
Lead	208-1	1.11	1.10	1.14	1.11	1.72	ppb
Lithium	6-1						%
Magnesium	24-2	450.57	472.39	451.04	458.00	2.72	ppb
Manganese	55-2	0.97	1.14	1.05	1.05	7.86	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:20:40	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.86	1.91	2.03	1.94	4.70	ppb
Molybdenum	95-1	4.32	4.34	4.54	4.40	2.78	ppb
Molybdenum	96-1	3.79	3.85	3.82	3.82	0.85	ppb
Molybdenum	97-1	4.35	4.72	4.37	4.48	4.70	ppb
Molybdenum	98-1	4.32	4.53	4.41	4.42	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.91	0.96	0.95	3.93	ppb
Phosphorus	31-2	6.88	36.23	7.04	16.72	101.10	ppb
Potassium	39-2	466.65	517.74	489.92	491.44	5.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	4.58	-2.12	0.11	3543.45	ppb
Selenium	78-2	6.43	10.42	4.40	7.08	43.28	ppb
Selenium	82-1	4.77	4.76	5.26	4.93	5.83	ppb
Silicon	28-1	-3.14	-1.44	2.57	-0.67		ppb
Silver	109-1	1.36	1.29	1.40	1.35	4.15	ppb
Silver	107-1	1.27	1.27	1.36	1.30	4.13	ppb
Sodium	23-2	482.51	512.24	488.92	494.56	3.16	ppb
Strontium	86-1	1.01	0.82	0.99	0.94	11.03	ppb
Strontium	88-1	0.93	0.92	0.97	0.94	2.43	ppb
Sulfur	34-1	-592.90	-837.55	-163.47	-531.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.91	0.97	0.95	0.94	3.26	ppb
Thallium	205-1	0.93	0.89	0.97	0.93	4.45	ppb
Tin	118-1	4.60	4.76	4.84	4.73	2.55	ppb
Titanium	47-1	4.55	4.58	4.80	4.64	2.91	ppb
Uranium	238-1	0.88	0.86	0.87	0.87	1.01	ppb
Vanadium	51-2	4.44	4.62	4.76	4.61	3.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.21	2.21	2.44	2.29	5.83	ppb
Zirconium	90-1	0.86	0.88	0.91	0.88	2.77	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:20:40	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.81	0.81	0.82	1.95	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-1 Instrumnet Name : P8
 Client Sample ID : IDL-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 15:26:59 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.37	20.55	16.60	17.17	18.21	ppb
Antimony	121-1	0.26	0.28	0.29	0.28	6.29	ppb
Arsenic	75-2	0.32	0.23	0.39	0.31	25.22	ppb
Barium	135-1	1.26	1.38	1.41	1.35	5.89	ppb
Barium	137-1	1.33	1.31	1.36	1.33	1.68	ppb
Beryllium	9-1	0.31	0.31	0.26	0.30	9.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.24	2.23	3.06	2.51	18.91	ppb
Boron	11-1	2.04	2.65	2.49	2.39	13.10	ppb
Cadmium	111-1	0.22	0.21	0.20	0.21	4.94	ppb
Cadmium	106-1	-0.52	-0.10	-0.48	-0.37		ppb
Cadmium	108-1	0.19	0.16	0.37	0.24	49.06	ppb
Calcium	43-1	4.16	10.62	8.88	7.89	42.36	ppb
Calcium	44-1	28.04	28.13	26.13	27.43	4.12	ppb
Chromium	52-2	0.19	0.19	0.29	0.23	25.82	ppb
Cobalt	59-2	0.27	0.27	0.26	0.26	2.35	ppb
Copper	63-2	0.71	0.68	0.73	0.71	3.36	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	14.28	13.78	13.76	13.94	2.12	ppb
Iron	57-2	14.77	16.95	14.23	15.32	9.41	ppb
Lead	206-1	0.29	0.29	0.27	0.28	5.42	ppb
Lead	207-1	0.24	0.27	0.27	0.26	5.46	ppb
Lead	208-1	0.27	0.28	0.26	0.27	3.93	ppb
Lithium	6-1						%
Magnesium	24-2	27.76	29.38	32.20	29.78	7.55	ppb
Manganese	55-2	0.50	0.59	0.60	0.57	9.63	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:26:59	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.26	0.26	0.26	1.86	ppb
Molybdenum	95-1	0.27	0.22	0.27	0.25	11.84	ppb
Molybdenum	96-1	0.27	0.26	0.26	0.27	1.67	ppb
Molybdenum	97-1	0.25	0.30	0.27	0.27	8.19	ppb
Molybdenum	98-1	0.25	0.28	0.25	0.26	6.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.23	0.32	0.27	16.37	ppb
Phosphorus	31-2	7.22	35.09	-6.96	11.78	181.56	ppb
Potassium	39-2	15.21	5.91	25.06	15.39	62.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.12	1.17	-2.12	0.06	3276.19	ppb
Selenium	78-2	0.71	2.85	1.78	1.78	60.14	ppb
Selenium	82-1	2.23	2.90	1.48	2.20	32.29	ppb
Silicon	28-1	-10.55	-12.18	-9.70	-10.81		ppb
Silver	109-1	0.28	0.29	0.26	0.28	5.98	ppb
Silver	107-1	0.28	0.26	0.29	0.28	6.71	ppb
Sodium	23-2	49.47	53.57	50.73	51.26	4.10	ppb
Strontium	86-1	0.27	0.33	0.29	0.30	9.30	ppb
Strontium	88-1	0.26	0.26	0.28	0.27	3.67	ppb
Sulfur	34-1	-392.06	-532.79	-408.48	-444.44		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.30	0.24	0.26	11.48	ppb
Thallium	205-1	0.26	0.28	0.27	0.27	3.69	ppb
Tin	118-1	0.26	0.25	0.26	0.26	1.06	ppb
Titanium	47-1	0.18	0.30	0.22	0.23	25.74	ppb
Uranium	238-1	0.27	0.24	0.25	0.25	4.41	ppb
Vanadium	51-2	0.29	0.20	0.31	0.27	22.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.35	0.67	0.78	0.93	39.48	ppb
Zirconium	90-1	0.26	0.24	0.24	0.25	5.71	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:26:59	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.23	0.23	0.23	4.77	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-2 Instrumnet Name : P8
 Client Sample ID : IDL-2 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 15:30:08 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.93	17.55	19.19	16.89	15.94	ppb
Antimony	121-1	0.28	0.28	0.29	0.28	1.59	ppb
Arsenic	75-2	0.23	0.21	0.28	0.24	16.38	ppb
Barium	135-1	1.37	1.16	1.28	1.27	8.20	ppb
Barium	137-1	1.19	1.22	1.27	1.23	3.16	ppb
Beryllium	9-1	0.24	0.30	0.26	0.27	10.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.41	2.65	2.56	2.21	31.47	ppb
Boron	11-1	2.16	1.43	2.03	1.87	20.86	ppb
Cadmium	111-1	0.19	0.30	0.21	0.24	25.02	ppb
Cadmium	106-1	-0.30	0.63	-0.53	-0.07		ppb
Cadmium	108-1	0.27	0.16	0.38	0.27	41.09	ppb
Calcium	43-1	1.15	5.89	6.12	4.39	63.99	ppb
Calcium	44-1	23.01	23.90	26.60	24.50	7.62	ppb
Chromium	52-2	0.38	0.28	0.22	0.29	27.36	ppb
Cobalt	59-2	0.27	0.24	0.22	0.24	8.79	ppb
Copper	63-2	0.58	0.59	0.61	0.59	2.79	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	13.92	13.60	12.60	13.37	5.15	ppb
Iron	57-2	13.31	9.87	14.30	12.49	18.61	ppb
Lead	206-1	0.27	0.27	0.27	0.27	0.49	ppb
Lead	207-1	0.24	0.29	0.23	0.25	12.74	ppb
Lead	208-1	0.26	0.26	0.24	0.25	4.50	ppb
Lithium	6-1						%
Magnesium	24-2	29.31	24.96	21.86	25.37	14.76	ppb
Manganese	55-2	0.53	0.67	0.64	0.62	12.21	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-2	Instrumnet Name :	P8
Client Sample ID :	IDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:30:08	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.23	0.24	0.24	2.00	ppb
Molybdenum	95-1	0.24	0.26	0.22	0.24	7.59	ppb
Molybdenum	96-1	0.25	0.26	0.21	0.24	9.65	ppb
Molybdenum	97-1	0.20	0.25	0.21	0.22	10.60	ppb
Molybdenum	98-1	0.22	0.23	0.21	0.22	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.35	0.16	0.27	36.61	ppb
Phosphorus	31-2	7.82	7.18	6.85	7.29	6.72	ppb
Potassium	39-2	16.80	12.55	16.60	15.32	15.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.12	-2.12	-2.12	1.29	458.50	ppb
Selenium	78-2	3.52	3.92	2.28	3.24	26.45	ppb
Selenium	82-1	2.23	2.11	2.05	2.13	4.38	ppb
Silicon	28-1	-9.18	-13.20	-9.83	-10.74		ppb
Silver	109-1	0.24	0.29	0.27	0.27	8.75	ppb
Silver	107-1	0.25	0.28	0.27	0.27	4.60	ppb
Sodium	23-2	54.03	47.54	51.35	50.97	6.40	ppb
Strontium	86-1	0.31	0.25	0.24	0.27	13.95	ppb
Strontium	88-1	0.24	0.25	0.25	0.25	3.86	ppb
Sulfur	34-1	-589.78	-653.60	-506.27	-583.22		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.24	0.27	0.25	7.35	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	1.11	ppb
Tin	118-1	0.22	0.22	0.22	0.22	1.18	ppb
Titanium	47-1	0.16	0.28	0.24	0.23	25.19	ppb
Uranium	238-1	0.24	0.23	0.22	0.23	4.18	ppb
Vanadium	51-2	0.23	0.25	0.20	0.23	11.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.62	0.55	0.47	0.55	13.46	ppb
Zirconium	90-1	0.25	0.26	0.25	0.25	1.96	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-2	Instrumnet Name :	P8
Client Sample ID :	IDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:30:08	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.24	0.23	0.23	3.55	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:33:17	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.82	10.65	8.53	11.00	24.20	ppb
Antimony	121-1	0.27	0.30	0.29	0.29	5.73	ppb
Arsenic	75-2	0.33	0.34	0.30	0.32	6.55	ppb
Barium	135-1	1.40	1.26	1.22	1.30	7.14	ppb
Barium	137-1	1.27	1.59	1.41	1.42	11.28	ppb
Beryllium	9-1	0.33	0.26	0.24	0.28	17.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.81	1.85	1.83	1.83	1.06	ppb
Boron	11-1	2.34	1.93	1.64	1.97	17.89	ppb
Cadmium	111-1	0.35	0.18	0.22	0.25	34.29	ppb
Cadmium	106-1	0.92	-1.29	-0.42	-0.26		ppb
Cadmium	108-1	0.25	0.52	0.40	0.39	34.99	ppb
Calcium	43-1	5.38	5.16	9.03	6.52	33.35	ppb
Calcium	44-1	25.30	34.76	23.93	28.00	21.08	ppb
Chromium	52-2	0.25	0.20	0.25	0.23	12.43	ppb
Cobalt	59-2	0.27	0.28	0.30	0.28	5.71	ppb
Copper	63-2	0.64	0.63	0.62	0.63	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.75	14.24	13.51	13.83	2.70	ppb
Iron	57-2	10.93	15.25	14.00	13.39	16.61	ppb
Lead	206-1	0.27	0.29	0.31	0.29	5.84	ppb
Lead	207-1	0.25	0.29	0.29	0.28	7.61	ppb
Lead	208-1	0.26	0.28	0.28	0.27	3.23	ppb
Lithium	6-1						%
Magnesium	24-2	23.61	28.08	24.23	25.31	9.56	ppb
Manganese	55-2	0.43	0.42	0.51	0.45	10.81	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:33:17	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.26	0.23	0.25	6.99	ppb
Molybdenum	95-1	0.25	0.27	0.26	0.26	3.39	ppb
Molybdenum	96-1	0.26	0.25	0.28	0.26	6.25	ppb
Molybdenum	97-1	0.25	0.34	0.28	0.29	15.89	ppb
Molybdenum	98-1	0.26	0.32	0.24	0.27	14.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.27	0.35	0.36	27.98	ppb
Phosphorus	31-2	6.74	33.98	20.20	20.31	67.08	ppb
Potassium	39-2	6.70	7.79	8.05	7.52	9.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	1.08	-2.12	-1.06		ppb
Selenium	78-2	4.73	2.23	3.22	3.39	37.15	ppb
Selenium	82-1	1.61	2.16	2.37	2.05	19.26	ppb
Silicon	28-1	-10.12	-5.86	-12.08	-9.35		ppb
Silver	109-1	0.28	0.27	0.30	0.28	6.24	ppb
Silver	107-1	0.26	0.28	0.29	0.28	5.86	ppb
Sodium	23-2	50.92	45.19	47.42	47.84	6.04	ppb
Strontium	86-1	0.25	0.33	0.15	0.24	35.19	ppb
Strontium	88-1	0.27	0.29	0.27	0.28	3.46	ppb
Sulfur	34-1	-339.02	-14.21	-738.48	-363.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.28	0.26	0.28	0.27	4.11	ppb
Thallium	205-1	0.27	0.31	0.26	0.28	8.17	ppb
Tin	118-1	0.20	0.26	0.24	0.23	13.19	ppb
Titanium	47-1	0.19	0.24	0.32	0.25	26.74	ppb
Uranium	238-1	0.24	0.26	0.26	0.26	3.55	ppb
Vanadium	51-2	0.23	0.24	0.18	0.22	13.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.39	0.39	0.59	0.46	24.28	ppb
Zirconium	90-1	0.22	0.27	0.25	0.25	10.69	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:33:17	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.26	0.23	0.24	5.92	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-4 Instrumnet Name : P8
 Client Sample ID : IDL-4 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 15:36:26 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.12	15.29	18.11	16.84	8.48	ppb
Antimony	121-1	0.26	0.24	0.26	0.25	2.37	ppb
Arsenic	75-2	0.32	0.31	0.33	0.32	4.34	ppb
Barium	135-1	1.23	1.29	1.34	1.29	4.20	ppb
Barium	137-1	1.20	1.39	1.33	1.30	7.64	ppb
Beryllium	9-1	0.24	0.19	0.31	0.25	22.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.14	2.42	1.86	2.14	13.11	ppb
Boron	11-1	2.42	1.86	2.11	2.13	13.29	ppb
Cadmium	111-1	0.22	0.21	0.12	0.19	29.52	ppb
Cadmium	106-1	-0.15	-0.59	-1.24	-0.66		ppb
Cadmium	108-1	0.17	0.24	0.30	0.24	27.73	ppb
Calcium	43-1	3.83	1.81	2.48	2.70	37.96	ppb
Calcium	44-1	26.79	26.22	25.11	26.04	3.29	ppb
Chromium	52-2	0.26	0.18	0.31	0.25	25.31	ppb
Cobalt	59-2	0.21	0.25	0.23	0.23	8.63	ppb
Copper	63-2	0.62	0.52	0.59	0.58	8.67	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	13.36	13.21	13.19	13.25	0.72	ppb
Iron	57-2	13.14	14.31	17.23	14.89	14.13	ppb
Lead	206-1	0.25	0.31	0.28	0.28	10.13	ppb
Lead	207-1	0.26	0.25	0.26	0.26	2.87	ppb
Lead	208-1	0.25	0.26	0.26	0.26	2.69	ppb
Lithium	6-1						%
Magnesium	24-2	24.10	26.12	24.89	25.04	4.07	ppb
Manganese	55-2	0.32	0.44	0.42	0.40	16.93	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:36:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.26	0.23	0.24	7.14	ppb
Molybdenum	95-1	0.19	0.22	0.25	0.22	12.96	ppb
Molybdenum	96-1	0.28	0.25	0.26	0.26	6.69	ppb
Molybdenum	97-1	0.25	0.27	0.18	0.23	20.61	ppb
Molybdenum	98-1	0.20	0.24	0.28	0.24	16.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.25	0.18	0.23	19.14	ppb
Phosphorus	31-2	6.87	-6.96	20.63	6.85	201.52	ppb
Potassium	39-2	10.02	22.79	9.50	14.10	53.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	4.35	1.12	1.12	289.96	ppb
Selenium	78-2	2.28	1.22	0.18	1.23	85.30	ppb
Selenium	82-1	1.52	1.49	2.91	1.97	41.15	ppb
Silicon	28-1	-6.82	-10.32	-9.04	-8.73		ppb
Silver	109-1	0.27	0.28	0.27	0.27	2.09	ppb
Silver	107-1	0.25	0.24	0.26	0.25	4.07	ppb
Sodium	23-2	46.76	51.61	40.89	46.42	11.56	ppb
Strontium	86-1	0.29	0.24	0.29	0.27	9.52	ppb
Strontium	88-1	0.24	0.24	0.25	0.24	2.39	ppb
Sulfur	34-1	-72.92	-398.48	-294.84	-255.41		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.25	0.26	0.25	2.96	ppb
Thallium	205-1	0.26	0.24	0.25	0.25	3.76	ppb
Tin	118-1	0.21	0.27	0.22	0.23	14.77	ppb
Titanium	47-1	0.34	0.27	0.38	0.33	17.68	ppb
Uranium	238-1	0.23	0.21	0.23	0.22	6.89	ppb
Vanadium	51-2	0.20	0.23	0.23	0.22	7.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.36	0.49	0.62	0.49	25.85	ppb
Zirconium	90-1	0.23	0.23	0.23	0.23	0.93	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:36:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.27	0.26	0.25	6.29	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:39:34	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.81	12.20	18.02	12.67	40.39	ppb
Antimony	121-1	0.27	0.27	0.28	0.27	2.71	ppb
Arsenic	75-2	0.28	0.26	0.28	0.27	4.79	ppb
Barium	135-1	1.30	1.37	1.31	1.33	2.74	ppb
Barium	137-1	1.31	1.27	1.40	1.33	4.78	ppb
Beryllium	9-1	0.26	0.24	0.38	0.30	25.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.04	1.46	1.50	1.67	19.55	ppb
Boron	11-1	2.04	1.77	1.74	1.85	8.94	ppb
Cadmium	111-1	0.30	0.30	0.25	0.28	10.27	ppb
Cadmium	106-1	0.31	0.66	0.04	0.34	92.24	ppb
Cadmium	108-1	0.38	0.47	0.52	0.46	15.71	ppb
Calcium	43-1	5.56	-2.28	4.63	2.64	162.32	ppb
Calcium	44-1	28.31	25.08	23.36	25.58	9.81	ppb
Chromium	52-2	0.29	0.37	0.33	0.33	12.12	ppb
Cobalt	59-2	0.27	0.28	0.24	0.26	7.14	ppb
Copper	63-2	0.67	0.70	0.61	0.66	7.41	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	14.77	14.15	14.20	14.37	2.37	ppb
Iron	57-2	10.97	12.92	13.31	12.40	10.13	ppb
Lead	206-1	0.30	0.28	0.26	0.28	6.84	ppb
Lead	207-1	0.25	0.26	0.29	0.27	8.15	ppb
Lead	208-1	0.26	0.26	0.27	0.26	3.19	ppb
Lithium	6-1						%
Magnesium	24-2	27.41	30.64	30.91	29.65	6.57	ppb
Manganese	55-2	0.53	0.52	0.48	0.51	4.95	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:39:34	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.26	0.24	0.25	2.82	ppb
Molybdenum	95-1	0.22	0.24	0.21	0.22	6.11	ppb
Molybdenum	96-1	0.24	0.26	0.28	0.26	6.47	ppb
Molybdenum	97-1	0.27	0.24	0.27	0.26	7.37	ppb
Molybdenum	98-1	0.25	0.23	0.27	0.25	8.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.26	0.30	0.30	15.00	ppb
Phosphorus	31-2	35.14	7.20	20.51	20.95	66.72	ppb
Potassium	39-2	18.81	11.58	10.56	13.65	32.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	0.70	0.72	1.21	0.88	32.71	ppb
Selenium	82-1	1.35	1.91	2.18	1.81	23.24	ppb
Silicon	28-1	-10.40	-12.57	-10.34	-11.10		ppb
Silver	109-1	0.28	0.29	0.30	0.29	3.70	ppb
Silver	107-1	0.28	0.28	0.24	0.27	9.55	ppb
Sodium	23-2	47.79	47.79	43.49	46.36	5.36	ppb
Strontium	86-1	0.25	0.29	0.32	0.29	11.93	ppb
Strontium	88-1	0.27	0.26	0.26	0.27	1.14	ppb
Sulfur	34-1	-258.02	-657.16	-165.28	-360.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.30	0.28	0.28	12.06	ppb
Thallium	205-1	0.26	0.24	0.27	0.26	5.80	ppb
Tin	118-1	0.23	0.24	0.25	0.24	4.06	ppb
Titanium	47-1	0.23	0.16	0.20	0.20	16.83	ppb
Uranium	238-1	0.25	0.23	0.24	0.24	3.98	ppb
Vanadium	51-2	0.27	0.19	0.33	0.26	26.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.69	0.60	0.69	0.66	7.36	ppb
Zirconium	90-1	0.25	0.26	0.25	0.25	2.26	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:39:34	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.32	0.24	0.26	20.22	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-6 Instrumnet Name : P8
 Client Sample ID : IDL-6 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 15:42:43 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.74	7.76	6.63	8.38	25.36	ppb
Antimony	121-1	0.29	0.30	0.26	0.28	6.88	ppb
Arsenic	75-2	0.29	0.26	0.28	0.28	4.84	ppb
Barium	135-1	1.32	1.22	1.42	1.32	7.45	ppb
Barium	137-1	1.30	1.20	1.20	1.23	4.96	ppb
Beryllium	9-1	0.25	0.30	0.20	0.25	19.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.24	1.07	1.52	1.28	17.88	ppb
Boron	11-1	1.79	1.54	1.89	1.74	10.52	ppb
Cadmium	111-1	0.24	0.20	0.28	0.24	15.75	ppb
Cadmium	106-1	0.04	-0.50	0.75	0.10	641.52	ppb
Cadmium	108-1	0.36	0.19	0.30	0.28	30.05	ppb
Calcium	43-1	23.47	28.50	17.99	23.32	22.55	ppb
Calcium	44-1	25.05	25.31	26.11	25.49	2.17	ppb
Chromium	52-2	0.22	0.30	0.35	0.29	23.11	ppb
Cobalt	59-2	0.26	0.28	0.26	0.27	4.73	ppb
Copper	63-2	0.59	0.66	0.67	0.64	6.59	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	12.97	12.75	13.49	13.07	2.92	ppb
Iron	57-2	10.97	19.25	17.88	16.03	27.69	ppb
Lead	206-1	0.27	0.28	0.28	0.28	2.65	ppb
Lead	207-1	0.27	0.26	0.23	0.25	7.76	ppb
Lead	208-1	0.26	0.26	0.25	0.26	2.88	ppb
Lithium	6-1						%
Magnesium	24-2	23.91	20.32	26.08	23.44	12.42	ppb
Manganese	55-2	0.38	0.59	0.52	0.50	21.58	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:42:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.29	0.24	0.26	11.16	ppb
Molybdenum	95-1	0.23	0.27	0.22	0.24	11.77	ppb
Molybdenum	96-1	0.25	0.24	0.24	0.24	1.72	ppb
Molybdenum	97-1	0.25	0.24	0.25	0.25	1.59	ppb
Molybdenum	98-1	0.24	0.30	0.25	0.26	12.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.29	0.30	0.30	3.71	ppb
Phosphorus	31-2	-6.96	-6.96	-6.96	-6.96		ppb
Potassium	39-2	5.35	0.15	11.05	5.52	98.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.06	-2.12	-2.12	-1.06		ppb
Selenium	78-2	4.76	1.69	1.70	2.72	65.07	ppb
Selenium	82-1	2.01	1.25	2.41	1.89	31.43	ppb
Silicon	28-1	-10.01	-8.45	-11.28	-9.91		ppb
Silver	109-1	0.27	0.26	0.26	0.26	3.43	ppb
Silver	107-1	0.28	0.30	0.29	0.29	4.16	ppb
Sodium	23-2	40.43	43.89	44.99	43.10	5.52	ppb
Strontium	86-1	0.30	0.26	0.26	0.27	8.92	ppb
Strontium	88-1	0.25	0.27	0.27	0.26	3.99	ppb
Sulfur	34-1	-205.36	-236.58	-462.98	-301.64		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.27	0.26	0.28	0.27	2.51	ppb
Thallium	205-1	0.23	0.25	0.24	0.24	3.67	ppb
Tin	118-1	0.25	0.24	0.19	0.22	13.98	ppb
Titanium	47-1	0.31	0.27	0.22	0.27	16.50	ppb
Uranium	238-1	0.23	0.23	0.21	0.22	4.43	ppb
Vanadium	51-2	0.28	0.25	0.27	0.27	4.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.31	0.52	0.66	0.49	35.78	ppb
Zirconium	90-1	0.24	0.26	0.23	0.24	6.15	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:42:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.26	0.27	0.26	4.57	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:45:52	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.97	6.32	20.19	12.83	54.40	ppb
Antimony	121-1	0.27	0.28	0.28	0.28	3.35	ppb
Arsenic	75-2	0.23	0.24	0.28	0.25	10.37	ppb
Barium	135-1	1.35	1.39	1.32	1.35	2.72	ppb
Barium	137-1	1.37	1.22	1.30	1.30	5.97	ppb
Beryllium	9-1	0.30	0.33	0.18	0.27	30.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.82	1.44	1.58	1.28	31.65	ppb
Boron	11-1	1.07	1.29	1.20	1.19	9.40	ppb
Cadmium	111-1	0.31	0.23	0.25	0.26	15.40	ppb
Cadmium	106-1	0.46	-0.58	0.16	0.01	4315.89	ppb
Cadmium	108-1	0.20	0.22	0.11	0.18	34.58	ppb
Calcium	43-1	10.81	15.54	14.13	13.49	18.03	ppb
Calcium	44-1	28.65	26.50	27.41	27.52	3.92	ppb
Chromium	52-2	0.19	0.19	0.20	0.19	3.17	ppb
Cobalt	59-2	0.25	0.27	0.24	0.26	6.92	ppb
Copper	63-2	0.58	0.50	0.52	0.54	7.66	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	13.50	12.62	13.20	13.11	3.43	ppb
Iron	57-2	10.27	9.68	10.13	10.03	3.08	ppb
Lead	206-1	0.28	0.31	0.29	0.29	6.54	ppb
Lead	207-1	0.27	0.25	0.28	0.27	5.62	ppb
Lead	208-1	0.26	0.27	0.27	0.27	1.92	ppb
Lithium	6-1						%
Magnesium	24-2	30.53	23.27	25.11	26.30	14.34	ppb
Manganese	55-2	0.52	0.39	0.63	0.52	23.24	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:45:52	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.26	0.21	0.24	10.09	ppb
Molybdenum	95-1	0.23	0.25	0.25	0.24	6.05	ppb
Molybdenum	96-1	0.26	0.23	0.25	0.25	6.39	ppb
Molybdenum	97-1	0.29	0.25	0.21	0.25	17.02	ppb
Molybdenum	98-1	0.23	0.21	0.23	0.22	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.29	0.39	0.32	21.15	ppb
Phosphorus	31-2	20.91	6.36	6.83	11.37	72.80	ppb
Potassium	39-2	-2.93	5.40	13.04	5.17	154.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	4.10	7.58	3.18	154.37	ppb
Selenium	78-2	2.28	1.14	2.25	1.89	34.45	ppb
Selenium	82-1	2.60	1.86	1.73	2.06	22.79	ppb
Silicon	28-1	-6.15	-9.49	-10.51	-8.72		ppb
Silver	109-1	0.25	0.29	0.25	0.26	7.06	ppb
Silver	107-1	0.27	0.29	0.27	0.28	4.15	ppb
Sodium	23-2	40.82	37.81	39.50	39.38	3.83	ppb
Strontium	86-1	0.26	0.36	0.27	0.30	18.60	ppb
Strontium	88-1	0.27	0.26	0.26	0.26	3.59	ppb
Sulfur	34-1	-52.30	-308.68	-310.01	-223.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.26	0.25	0.26	1.97	ppb
Thallium	205-1	0.25	0.23	0.26	0.25	6.60	ppb
Tin	118-1	0.17	0.25	0.26	0.23	20.02	ppb
Titanium	47-1	0.16	0.21	0.27	0.21	25.97	ppb
Uranium	238-1	0.25	0.24	0.23	0.24	4.03	ppb
Vanadium	51-2	0.30	0.22	0.28	0.27	15.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.79	0.59	0.71	0.70	14.69	ppb
Zirconium	90-1	0.24	0.23	0.26	0.24	5.77	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:45:52	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.23	0.24	0.23	1.77	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:49:00	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50226.10	50226.42	49520.17	49990.90	0.82	ppb
Antimony	121-1	510.55	502.30	506.62	506.49	0.81	ppb
Arsenic	75-2	494.21	496.19	494.66	495.02	0.21	ppb
Barium	135-1	2555.63	2547.38	2568.27	2557.10	0.41	ppb
Barium	137-1	2523.38	2500.96	2533.54	2519.29	0.66	ppb
Beryllium	9-1	514.95	523.97	517.32	518.74	0.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	516.17	513.66	513.26	514.36	0.31	ppb
Boron	11-1	507.83	521.49	515.01	514.78	1.33	ppb
Cadmium	111-1	495.45	489.12	495.61	493.39	0.75	ppb
Cadmium	106-1	501.64	498.76	498.28	499.56	0.36	ppb
Cadmium	108-1	494.84	493.26	488.76	492.29	0.64	ppb
Calcium	43-1	246507.42	245875.94	249965.56	247449.64	0.89	ppb
Calcium	44-1	248521.27	246281.89	247286.31	247363.16	0.45	ppb
Chromium	52-2	515.28	504.25	500.22	506.58	1.54	ppb
Cobalt	59-2	502.79	493.43	485.66	493.96	1.74	ppb
Copper	63-2	1011.22	998.14	979.98	996.45	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124460.96	122162.87	121546.26	122723.36	1.25	ppb
Iron	57-2	128340.87	125896.60	124678.13	126305.20	1.48	ppb
Lead	206-1	518.67	514.89	518.90	517.49	0.44	ppb
Lead	207-1	513.15	515.36	525.75	518.08	1.30	ppb
Lead	208-1	513.05	515.50	519.47	516.01	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	254627.57	250708.67	245950.29	250428.84	1.74	ppb
Manganese	55-2	1038.29	1006.67	1007.85	1017.61	1.76	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:49:00	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	505.95	511.43	505.71	507.70	0.64	ppb
Molybdenum	95-1	508.69	512.14	506.57	509.13	0.55	ppb
Molybdenum	96-1	506.43	510.45	510.40	509.09	0.45	ppb
Molybdenum	97-1	492.00	512.08	497.05	500.38	2.09	ppb
Molybdenum	98-1	512.05	508.82	511.06	510.65	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.98	496.92	491.75	496.55	0.93	ppb
Phosphorus	31-2	9692.71	9920.14	9677.45	9763.43	1.39	ppb
Potassium	39-2	131686.67	127796.58	127416.93	128966.73	1.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	536.45	532.18	497.04	521.89	4.14	ppb
Selenium	78-2	507.81	505.78	486.68	500.09	2.33	ppb
Selenium	82-1	494.76	496.00	493.75	494.84	0.23	ppb
Silicon	28-1	506.85	524.67	526.28	519.26	2.08	ppb
Silver	109-1	501.92	499.84	502.73	501.50	0.30	ppb
Silver	107-1	499.57	497.92	497.33	498.27	0.23	ppb
Sodium	23-2	256177.99	251404.15	248688.30	252090.15	1.50	ppb
Strontium	86-1	529.52	527.16	524.77	527.15	0.45	ppb
Strontium	88-1	519.56	525.66	518.69	521.30	0.73	ppb
Sulfur	34-1	9466.47	9374.24	9339.34	9393.35	0.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	516.61	515.97	514.42	515.66	0.22	ppb
Thallium	205-1	508.98	513.57	511.96	511.51	0.46	ppb
Tin	118-1	512.57	503.10	512.37	509.35	1.06	ppb
Titanium	47-1	498.22	495.60	497.67	497.16	0.28	ppb
Uranium	238-1	513.26	514.02	521.55	516.27	0.89	ppb
Vanadium	51-2	518.46	508.32	497.84	508.21	2.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1018.16	994.62	968.59	993.79	2.49	ppb
Zirconium	90-1	505.93	510.71	505.64	507.43	0.56	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:49:00	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.23	508.87	508.11	507.74	0.27	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P8
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:56:23	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	0.41	-0.70	-0.32		ppb
Antimony	121-1	0.10	0.08	0.09	0.09	12.27	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	23.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.52	3.65	3.07	3.41	8.98	ppb
Boron	11-1	4.51	4.13	4.44	4.36	4.62	ppb
Cadmium	111-1	0.01	-0.08	-0.07	-0.05		ppb
Cadmium	106-1	0.14	-1.13	-0.87	-0.62		ppb
Cadmium	108-1	0.05	0.02	0.13	0.07	84.25	ppb
Calcium	43-1	-30.12	-16.39	-21.99	-22.83		ppb
Calcium	44-1	0.90	0.20	1.09	0.73	64.37	ppb
Chromium	52-2	0.02	0.01	0.01	0.02	24.63	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.05	0.04	0.00	0.03	84.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.74	0.74	0.73	0.74	1.14	ppb
Iron	57-2	-1.62	2.35	-0.47	0.09	2322.70	ppb
Lead	206-1	0.03	0.03	0.03	0.03	16.41	ppb
Lead	207-1	0.03	0.02	0.02	0.02	20.54	ppb
Lead	208-1	0.03	0.02	0.02	0.02	12.45	ppb
Lithium	6-1						%
Magnesium	24-2	0.38	-0.33	0.93	0.33	193.45	ppb
Manganese	55-2	0.01	-0.02	0.00	0.00		ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P8
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:56:23	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.01	0.02	74.61	ppb
Molybdenum	95-1	0.02	0.00	0.00	0.01	165.35	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	40.08	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.01	123.85	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	24.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.06	0.03	0.04	37.87	ppb
Phosphorus	31-2	7.42	21.65	-6.96	7.37	194.11	ppb
Potassium	39-2	1.53	-0.50	7.64	2.89	146.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-0.32	0.20	-0.33	-0.15		ppb
Selenium	82-1	0.12	-0.37	-0.21	-0.16		ppb
Silicon	28-1	-14.20	-11.86	-13.14	-13.07		ppb
Silver	109-1	0.01	0.01	0.02	0.01	45.72	ppb
Silver	107-1	0.01	0.00	0.01	0.01	60.13	ppb
Sodium	23-2	43.54	41.17	35.92	40.21	9.70	ppb
Strontium	86-1	0.03	0.04	0.04	0.04	17.39	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-696.40	-816.01	-690.67	-734.36		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.03	0.02	34.47	ppb
Thallium	205-1	0.04	0.02	0.02	0.02	41.38	ppb
Tin	118-1	0.01	0.00	-0.01	0.00		ppb
Titanium	47-1	0.00	-0.06	-0.02	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.05	0.01	-0.09	-0.04		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	24.63	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P8
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:56:23	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.00	0.02	101.58	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:01:52	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.20	11.07	13.52	14.60	28.59	ppb
Antimony	121-1	0.29	0.31	0.30	0.30	3.74	ppb
Arsenic	75-2	0.28	0.28	0.21	0.26	15.37	ppb
Barium	135-1	1.42	1.18	1.27	1.29	9.12	ppb
Barium	137-1	1.39	1.22	1.27	1.29	6.72	ppb
Beryllium	9-1	0.30	0.25	0.34	0.30	15.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.83	2.46	2.07	2.45	15.46	ppb
Boron	11-1	2.29	2.30	2.51	2.37	5.17	ppb
Cadmium	111-1	0.29	0.22	0.26	0.25	13.65	ppb
Cadmium	106-1	0.09	-0.37	-0.02	-0.10		ppb
Cadmium	108-1	0.32	0.40	0.18	0.30	36.00	ppb
Calcium	43-1	10.04	-4.56	-2.50	0.99	795.35	ppb
Calcium	44-1	25.10	27.12	25.17	25.79	4.44	ppb
Chromium	52-2	0.22	0.25	0.23	0.23	6.42	ppb
Cobalt	59-2	0.29	0.27	0.29	0.28	4.24	ppb
Copper	63-2	0.63	0.60	0.55	0.59	6.96	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	14.46	15.06	13.87	14.46	4.12	ppb
Iron	57-2	10.17	13.15	13.25	12.19	14.37	ppb
Lead	206-1	0.28	0.26	0.27	0.27	3.35	ppb
Lead	207-1	0.33	0.25	0.27	0.28	14.05	ppb
Lead	208-1	0.27	0.27	0.26	0.27	2.80	ppb
Lithium	6-1						%
Magnesium	24-2	27.84	37.03	27.17	30.68	17.96	ppb
Manganese	55-2	0.62	0.65	0.40	0.56	24.91	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:01:52	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.28	0.25	0.27	4.97	ppb
Molybdenum	95-1	0.27	0.24	0.24	0.25	6.23	ppb
Molybdenum	96-1	0.28	0.26	0.24	0.26	6.62	ppb
Molybdenum	97-1	0.27	0.26	0.25	0.26	4.07	ppb
Molybdenum	98-1	0.28	0.25	0.26	0.26	6.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.34	0.14	0.29	46.58	ppb
Phosphorus	31-2	-6.96	21.25	19.93	11.41	139.59	ppb
Potassium	39-2	10.62	11.99	-1.55	7.02	106.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	1.77	3.32	2.25	2.45	32.53	ppb
Selenium	82-1	2.49	2.24	1.88	2.20	13.93	ppb
Silicon	28-1	-10.92	-12.48	-11.90	-11.77		ppb
Silver	109-1	0.29	0.26	0.26	0.27	7.59	ppb
Silver	107-1	0.30	0.26	0.28	0.28	5.46	ppb
Sodium	23-2	58.49	57.13	50.18	55.27	8.06	ppb
Strontium	86-1	0.21	0.20	0.22	0.21	3.38	ppb
Strontium	88-1	0.26	0.26	0.27	0.26	3.15	ppb
Sulfur	34-1	-549.87	-570.15	-565.57	-561.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.29	0.27	0.26	0.27	4.98	ppb
Thallium	205-1	0.29	0.27	0.27	0.28	3.23	ppb
Tin	118-1	0.26	0.29	0.30	0.28	6.36	ppb
Titanium	47-1	0.24	0.17	0.35	0.25	36.22	ppb
Uranium	238-1	0.25	0.24	0.24	0.24	1.66	ppb
Vanadium	51-2	0.22	0.28	0.28	0.26	12.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.58	0.49	0.52	0.53	9.04	ppb
Zirconium	90-1	0.25	0.25	0.26	0.25	0.63	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:01:52	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.28	0.23	0.26	9.23	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:05:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.79	11.88	12.01	10.89	16.73	ppb
Antimony	121-1	0.28	0.27	0.27	0.28	2.53	ppb
Arsenic	75-2	0.33	0.28	0.28	0.30	10.06	ppb
Barium	135-1	1.30	1.19	1.38	1.29	7.45	ppb
Barium	137-1	1.33	1.31	1.33	1.32	0.81	ppb
Beryllium	9-1	0.29	0.27	0.27	0.27	5.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.38	2.07	2.22	2.22	7.01	ppb
Boron	11-1	1.88	2.04	2.16	2.03	6.81	ppb
Cadmium	111-1	0.22	0.28	0.17	0.22	25.16	ppb
Cadmium	106-1	-0.48	0.45	-1.00	-0.34		ppb
Cadmium	108-1	0.24	0.16	0.37	0.25	41.33	ppb
Calcium	43-1	11.19	17.81	14.38	14.46	22.89	ppb
Calcium	44-1	24.50	21.93	21.27	22.57	7.56	ppb
Chromium	52-2	0.22	0.21	0.22	0.21	2.87	ppb
Cobalt	59-2	0.25	0.23	0.27	0.25	9.42	ppb
Copper	63-2	0.49	0.54	0.58	0.53	9.02	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	13.88	13.53	14.32	13.91	2.84	ppb
Iron	57-2	9.96	15.81	12.41	12.73	23.10	ppb
Lead	206-1	0.29	0.27	0.25	0.27	8.10	ppb
Lead	207-1	0.25	0.28	0.23	0.26	9.98	ppb
Lead	208-1	0.26	0.27	0.23	0.26	7.47	ppb
Lithium	6-1						%
Magnesium	24-2	23.37	30.30	27.95	27.21	12.94	ppb
Manganese	55-2	0.60	0.56	0.60	0.59	3.70	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:05:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.26	0.25	0.25	2.97	ppb
Molybdenum	95-1	0.24	0.25	0.23	0.24	5.25	ppb
Molybdenum	96-1	0.22	0.28	0.27	0.26	12.18	ppb
Molybdenum	97-1	0.26	0.24	0.24	0.25	5.29	ppb
Molybdenum	98-1	0.25	0.25	0.25	0.25	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.22	0.21	0.23	6.56	ppb
Phosphorus	31-2	-6.96	20.73	21.00	11.59	138.65	ppb
Potassium	39-2	13.85	23.65	16.33	17.94	28.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-0.34	2.27	3.82	1.92	109.64	ppb
Selenium	82-1	1.81	2.60	2.58	2.33	19.47	ppb
Silicon	28-1	-11.67	-12.54	-13.19	-12.47		ppb
Silver	109-1	0.28	0.28	0.24	0.27	8.97	ppb
Silver	107-1	0.30	0.23	0.29	0.27	13.22	ppb
Sodium	23-2	46.21	55.25	52.41	51.29	9.01	ppb
Strontium	86-1	0.18	0.23	0.17	0.19	16.88	ppb
Strontium	88-1	0.24	0.25	0.27	0.25	4.65	ppb
Sulfur	34-1	-604.38	-724.76	-1016.20	-781.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.22	0.25	0.24	9.03	ppb
Thallium	205-1	0.25	0.26	0.24	0.25	4.36	ppb
Tin	118-1	0.24	0.23	0.24	0.24	1.78	ppb
Titanium	47-1	0.16	0.31	0.21	0.23	33.77	ppb
Uranium	238-1	0.22	0.23	0.24	0.23	4.49	ppb
Vanadium	51-2	0.27	0.17	0.30	0.25	27.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.51	0.64	0.48	0.54	15.19	ppb
Zirconium	90-1	0.27	0.25	0.26	0.26	4.19	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:05:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.21	0.26	0.23	9.86	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:08:09	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.87	20.46	11.57	17.97	31.07	ppb
Antimony	121-1	0.30	0.28	0.28	0.29	2.83	ppb
Arsenic	75-2	0.37	0.22	0.23	0.27	31.04	ppb
Barium	135-1	1.32	1.36	1.37	1.35	2.00	ppb
Barium	137-1	1.31	1.27	1.42	1.33	5.95	ppb
Beryllium	9-1	0.37	0.30	0.34	0.34	10.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.85	1.39	2.14	1.46	44.61	ppb
Boron	11-1	1.72	1.69	2.06	1.82	11.34	ppb
Cadmium	111-1	0.27	0.27	0.19	0.24	19.05	ppb
Cadmium	106-1	-0.03	-0.32	-0.34	-0.23		ppb
Cadmium	108-1	0.40	0.35	0.38	0.38	7.15	ppb
Calcium	43-1	-0.47	0.07	8.47	2.69	186.18	ppb
Calcium	44-1	24.37	21.05	22.96	22.80	7.30	ppb
Chromium	52-2	0.31	0.26	0.35	0.31	14.23	ppb
Cobalt	59-2	0.27	0.28	0.28	0.28	2.06	ppb
Copper	63-2	0.61	0.54	0.68	0.61	10.86	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	14.27	14.45	14.56	14.43	1.01	ppb
Iron	57-2	15.66	14.48	13.28	14.47	8.22	ppb
Lead	206-1	0.27	0.30	0.27	0.28	6.22	ppb
Lead	207-1	0.25	0.28	0.26	0.26	7.11	ppb
Lead	208-1	0.27	0.29	0.25	0.27	6.32	ppb
Lithium	6-1						%
Magnesium	24-2	30.66	28.80	29.20	29.55	3.31	ppb
Manganese	55-2	0.59	0.51	0.64	0.58	10.60	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:08:09	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.27	0.25	0.25	4.66	ppb
Molybdenum	95-1	0.28	0.28	0.25	0.27	6.75	ppb
Molybdenum	96-1	0.27	0.25	0.25	0.25	4.94	ppb
Molybdenum	97-1	0.26	0.28	0.23	0.26	9.89	ppb
Molybdenum	98-1	0.26	0.24	0.23	0.24	5.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.35	0.35	0.30	27.26	ppb
Phosphorus	31-2	21.39	34.91	25.03	27.11	25.81	ppb
Potassium	39-2	14.26	11.03	25.11	16.80	43.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	1.12	1.59	0.19	1037.22	ppb
Selenium	78-2	0.18	2.27	1.53	1.33	80.06	ppb
Selenium	82-1	1.81	1.54	2.70	2.02	30.08	ppb
Silicon	28-1	-12.60	-13.37	-11.56	-12.51		ppb
Silver	109-1	0.26	0.30	0.27	0.28	7.55	ppb
Silver	107-1	0.26	0.26	0.29	0.27	5.02	ppb
Sodium	23-2	51.06	52.93	56.51	53.50	5.17	ppb
Strontium	86-1	0.29	0.30	0.26	0.28	7.29	ppb
Strontium	88-1	0.27	0.26	0.27	0.27	1.85	ppb
Sulfur	34-1	-736.44	-769.35	-627.95	-711.25		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.27	0.22	0.25	0.25	9.32	ppb
Thallium	205-1	0.26	0.26	0.25	0.26	2.06	ppb
Tin	118-1	0.25	0.23	0.19	0.22	14.11	ppb
Titanium	47-1	0.32	0.18	0.22	0.24	29.56	ppb
Uranium	238-1	0.22	0.24	0.25	0.24	5.98	ppb
Vanadium	51-2	0.29	0.27	0.27	0.28	4.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.51	0.42	0.52	0.48	10.87	ppb
Zirconium	90-1	0.25	0.28	0.24	0.26	9.37	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:08:09	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.26	0.27	0.27	4.50	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-11 Instrumnet Name : P8
 Client Sample ID : IDL-11 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 16:11:19 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.59	10.58	14.08	11.75	17.17	ppb
Antimony	121-1	0.27	0.27	0.25	0.26	3.42	ppb
Arsenic	75-2	0.35	0.25	0.30	0.30	16.82	ppb
Barium	135-1	1.29	1.38	1.38	1.35	4.00	ppb
Barium	137-1	1.34	1.27	1.35	1.32	3.40	ppb
Beryllium	9-1	0.30	0.23	0.26	0.26	13.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.21	1.99	2.21	1.80	28.98	ppb
Boron	11-1	1.79	2.03	2.01	1.95	6.90	ppb
Cadmium	111-1	0.18	0.30	0.26	0.25	24.53	ppb
Cadmium	106-1	-1.06	0.85	0.29	0.03	3723.02	ppb
Cadmium	108-1	0.20	0.19	0.21	0.20	6.58	ppb
Calcium	43-1	18.22	17.94	11.85	16.00	22.51	ppb
Calcium	44-1	28.39	27.86	23.77	26.67	9.49	ppb
Chromium	52-2	0.21	0.23	0.28	0.24	14.98	ppb
Cobalt	59-2	0.26	0.25	0.26	0.25	3.05	ppb
Copper	63-2	0.53	0.53	0.66	0.58	13.49	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	12.85	12.90	14.11	13.29	5.37	ppb
Iron	57-2	9.05	10.79	12.36	10.73	15.40	ppb
Lead	206-1	0.27	0.24	0.30	0.27	11.93	ppb
Lead	207-1	0.29	0.25	0.29	0.28	8.15	ppb
Lead	208-1	0.27	0.25	0.28	0.27	4.71	ppb
Lithium	6-1						%
Magnesium	24-2	28.56	27.03	25.62	27.07	5.43	ppb
Manganese	55-2	0.50	0.48	0.59	0.52	11.48	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-11	Instrumnet Name :	P8
Client Sample ID :	IDL-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:11:19	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.24	0.22	0.24	5.38	ppb
Molybdenum	95-1	0.27	0.20	0.26	0.25	15.94	ppb
Molybdenum	96-1	0.25	0.23	0.22	0.23	6.42	ppb
Molybdenum	97-1	0.22	0.28	0.21	0.24	15.67	ppb
Molybdenum	98-1	0.21	0.24	0.25	0.23	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.21	0.30	0.24	20.65	ppb
Phosphorus	31-2	6.61	-6.96	20.91	6.85	203.40	ppb
Potassium	39-2	-7.07	16.74	24.81	11.49	144.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.05	7.46	4.26	4.26	75.30	ppb
Selenium	78-2	4.24	2.22	2.73	3.06	34.31	ppb
Selenium	82-1	2.03	1.80	1.19	1.68	25.76	ppb
Silicon	28-1	-9.19	-10.50	-11.43	-10.37		ppb
Silver	109-1	0.27	0.28	0.27	0.27	2.03	ppb
Silver	107-1	0.28	0.27	0.25	0.26	6.14	ppb
Sodium	23-2	48.04	44.84	48.51	47.13	4.24	ppb
Strontium	86-1	0.28	0.33	0.35	0.32	10.30	ppb
Strontium	88-1	0.27	0.25	0.23	0.25	6.45	ppb
Sulfur	34-1	-17.88	-440.36	-623.40	-360.55		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.27	0.25	0.23	0.25	7.57	ppb
Thallium	205-1	0.26	0.26	0.24	0.25	3.59	ppb
Tin	118-1	0.28	0.19	0.23	0.23	19.92	ppb
Titanium	47-1	0.32	0.25	0.18	0.25	28.85	ppb
Uranium	238-1	0.25	0.24	0.22	0.24	7.48	ppb
Vanadium	51-2	0.27	0.27	0.24	0.26	6.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.67	0.62	0.61	0.63	5.66	ppb
Zirconium	90-1	0.26	0.25	0.23	0.25	5.90	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-11	Instrumnet Name :	P8
Client Sample ID :	IDL-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:11:19	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.23	0.23	0.25	8.71	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-12 Instrumnet Name : P8
 Client Sample ID : IDL-12 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 16:14:27 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.47	12.80	19.97	14.41	34.34	ppb
Antimony	121-1	0.24	0.27	0.27	0.26	6.80	ppb
Arsenic	75-2	0.26	0.20	0.13	0.20	32.52	ppb
Barium	135-1	1.33	1.15	1.34	1.27	8.41	ppb
Barium	137-1	1.26	1.37	1.34	1.32	4.57	ppb
Beryllium	9-1	0.26	0.36	0.31	0.31	16.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.67	1.34	1.71	1.57	12.97	ppb
Boron	11-1	1.73	1.61	1.33	1.55	13.11	ppb
Cadmium	111-1	0.26	0.19	0.28	0.24	18.94	ppb
Cadmium	106-1	0.60	-0.62	-0.13	-0.05		ppb
Cadmium	108-1	0.26	0.16	0.29	0.24	28.67	ppb
Calcium	43-1	15.47	-2.28	15.74	9.64	107.11	ppb
Calcium	44-1	25.99	28.42	22.27	25.56	12.11	ppb
Chromium	52-2	0.39	0.22	0.23	0.28	33.82	ppb
Cobalt	59-2	0.25	0.28	0.26	0.27	5.44	ppb
Copper	63-2	0.56	0.58	0.60	0.58	3.72	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	13.64	14.06	13.59	13.76	1.84	ppb
Iron	57-2	17.29	13.00	14.38	14.89	14.71	ppb
Lead	206-1	0.27	0.25	0.28	0.27	5.74	ppb
Lead	207-1	0.30	0.28	0.28	0.29	4.92	ppb
Lead	208-1	0.26	0.27	0.27	0.27	2.02	ppb
Lithium	6-1						%
Magnesium	24-2	31.05	22.55	24.38	25.99	17.23	ppb
Manganese	55-2	0.50	0.44	0.49	0.48	6.70	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-12	Instrumnet Name :	P8
Client Sample ID :	IDL-12	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:14:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.27	0.26	0.25	7.51	ppb
Molybdenum	95-1	0.25	0.31	0.23	0.26	15.47	ppb
Molybdenum	96-1	0.25	0.23	0.29	0.25	12.76	ppb
Molybdenum	97-1	0.24	0.28	0.22	0.25	11.61	ppb
Molybdenum	98-1	0.22	0.25	0.23	0.23	7.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.24	0.33	0.31	22.08	ppb
Phosphorus	31-2	6.48	34.20	6.69	15.79	100.98	ppb
Potassium	39-2	12.82	16.09	-0.98	9.31	97.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.23	-2.12	-2.12	-0.01		ppb
Selenium	78-2	3.73	0.68	2.20	2.20	69.17	ppb
Selenium	82-1	1.81	2.45	1.94	2.06	16.42	ppb
Silicon	28-1	-13.25	-9.17	-10.90	-11.11		ppb
Silver	109-1	0.30	0.26	0.27	0.28	7.90	ppb
Silver	107-1	0.25	0.27	0.27	0.26	2.98	ppb
Sodium	23-2	44.50	44.79	50.77	46.68	7.58	ppb
Strontium	86-1	0.24	0.26	0.23	0.24	6.16	ppb
Strontium	88-1	0.24	0.27	0.28	0.26	6.97	ppb
Sulfur	34-1	-598.60	-133.73	-299.82	-344.05		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.27	0.23	0.25	7.18	ppb
Thallium	205-1	0.25	0.26	0.26	0.26	3.22	ppb
Tin	118-1	0.23	0.27	0.24	0.25	8.40	ppb
Titanium	47-1	0.35	0.22	0.15	0.24	41.02	ppb
Uranium	238-1	0.23	0.24	0.24	0.23	3.54	ppb
Vanadium	51-2	0.22	0.26	0.28	0.25	11.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.54	0.67	0.68	0.63	12.05	ppb
Zirconium	90-1	0.23	0.26	0.29	0.26	11.74	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-12	Instrumnet Name :	P8
Client Sample ID :	IDL-12	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:14:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.35	0.23	0.28	22.27	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-13 Instrumnet Name : P8
 Client Sample ID : IDL-13 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 16:17:36 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.74	16.82	15.95	16.50	2.90	ppb
Antimony	121-1	0.27	0.26	0.29	0.27	6.80	ppb
Arsenic	75-2	0.30	0.22	0.30	0.27	15.65	ppb
Barium	135-1	1.35	1.31	1.23	1.30	4.92	ppb
Barium	137-1	1.25	1.42	1.22	1.30	8.38	ppb
Beryllium	9-1	0.30	0.26	0.30	0.29	7.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.82	0.48	1.67	0.99	62.19	ppb
Boron	11-1	1.10	1.25	1.04	1.13	9.68	ppb
Cadmium	111-1	0.29	0.22	0.27	0.26	13.14	ppb
Cadmium	106-1	0.06	-0.59	-0.33	-0.28		ppb
Cadmium	108-1	0.05	0.24	0.21	0.17	60.29	ppb
Calcium	43-1	0.08	4.04	-2.53	0.53	625.94	ppb
Calcium	44-1	23.68	21.31	21.20	22.06	6.36	ppb
Chromium	52-2	0.28	0.27	0.38	0.31	19.40	ppb
Cobalt	59-2	0.25	0.24	0.27	0.26	4.84	ppb
Copper	63-2	0.58	0.65	0.66	0.63	7.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.10	13.11	15.57	14.26	8.68	ppb
Iron	57-2	11.65	13.17	15.30	13.37	13.70	ppb
Lead	206-1	0.26	0.24	0.26	0.25	4.40	ppb
Lead	207-1	0.26	0.28	0.28	0.27	4.65	ppb
Lead	208-1	0.26	0.26	0.26	0.26	1.10	ppb
Lithium	6-1						%
Magnesium	24-2	27.00	25.83	31.71	28.18	11.05	ppb
Manganese	55-2	0.38	0.52	0.57	0.49	19.69	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-13	Instrumnet Name :	P8
Client Sample ID :	IDL-13	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:17:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.23	0.24	0.24	2.12	ppb
Molybdenum	95-1	0.25	0.24	0.26	0.25	2.80	ppb
Molybdenum	96-1	0.22	0.25	0.25	0.24	7.48	ppb
Molybdenum	97-1	0.26	0.22	0.23	0.24	6.90	ppb
Molybdenum	98-1	0.26	0.23	0.25	0.25	6.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.17	0.23	0.23	26.86	ppb
Phosphorus	31-2	20.16	6.65	7.64	11.48	65.58	ppb
Potassium	39-2	7.11	4.29	39.73	17.04	115.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	1.04	-2.12	-1.07		ppb
Selenium	78-2	2.16	1.68	1.87	1.91	12.61	ppb
Selenium	82-1	2.22	1.64	1.64	1.83	18.24	ppb
Silicon	28-1	-12.24	-15.29	-14.16	-13.90		ppb
Silver	109-1	0.27	0.26	0.25	0.26	4.30	ppb
Silver	107-1	0.28	0.29	0.28	0.28	1.76	ppb
Sodium	23-2	43.14	44.57	50.44	46.05	8.41	ppb
Strontium	86-1	0.31	0.27	0.23	0.27	14.29	ppb
Strontium	88-1	0.27	0.27	0.26	0.27	3.32	ppb
Sulfur	34-1	-485.78	-500.10	-623.55	-536.48		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.26	0.24	0.25	3.47	ppb
Thallium	205-1	0.25	0.25	0.26	0.25	3.63	ppb
Tin	118-1	0.24	0.24	0.20	0.23	9.70	ppb
Titanium	47-1	0.28	0.34	0.23	0.28	18.99	ppb
Uranium	238-1	0.24	0.25	0.25	0.24	3.18	ppb
Vanadium	51-2	0.28	0.30	0.23	0.27	12.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.08	0.80	1.19	1.02	19.38	ppb
Zirconium	90-1	0.27	0.24	0.26	0.25	5.94	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-13	Instrumnet Name :	P8
Client Sample ID :	IDL-13	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:17:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.25	0.27	0.25	5.12	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-14 Instrumnet Name : P8
 Client Sample ID : IDL-14 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 16:20:45 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.66	14.72	18.84	16.07	14.92	ppb
Antimony	121-1	0.27	0.26	0.29	0.27	6.23	ppb
Arsenic	75-2	0.29	0.39	0.25	0.31	23.70	ppb
Barium	135-1	1.21	1.27	1.27	1.25	2.74	ppb
Barium	137-1	1.29	1.32	1.40	1.34	4.47	ppb
Beryllium	9-1	0.26	0.33	0.29	0.29	11.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.13	1.21	0.33	0.89	55.09	ppb
Boron	11-1	0.57	0.80	1.07	0.81	30.71	ppb
Cadmium	111-1	0.25	0.30	0.32	0.29	11.30	ppb
Cadmium	106-1	-0.01	0.82	0.95	0.59	88.40	ppb
Cadmium	108-1	0.44	0.26	0.13	0.28	56.12	ppb
Calcium	43-1	-3.57	3.96	3.75	1.38	310.83	ppb
Calcium	44-1	25.56	21.42	23.47	23.48	8.83	ppb
Chromium	52-2	0.30	0.19	0.31	0.27	25.06	ppb
Cobalt	59-2	0.27	0.25	0.25	0.26	5.44	ppb
Copper	63-2	0.58	0.56	0.53	0.56	5.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.30	14.20	13.19	13.57	4.07	ppb
Iron	57-2	12.79	10.52	13.72	12.34	13.36	ppb
Lead	206-1	0.35	0.34	0.31	0.33	5.58	ppb
Lead	207-1	0.35	0.30	0.33	0.33	6.96	ppb
Lead	208-1	0.33	0.32	0.31	0.32	3.26	ppb
Lithium	6-1						%
Magnesium	24-2	28.91	27.50	22.73	26.38	12.27	ppb
Manganese	55-2	0.49	0.58	0.84	0.64	28.08	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:20:45	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.25	0.25	0.24	6.47	ppb
Molybdenum	95-1	0.20	0.21	0.26	0.22	14.13	ppb
Molybdenum	96-1	0.23	0.26	0.26	0.25	7.15	ppb
Molybdenum	97-1	0.26	0.23	0.20	0.23	12.47	ppb
Molybdenum	98-1	0.23	0.21	0.23	0.22	6.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.27	0.33	0.29	10.42	ppb
Phosphorus	31-2	6.57	6.62	20.23	11.14	70.64	ppb
Potassium	39-2	16.73	6.74	4.32	9.26	70.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.20	1.03	-2.12	1.04	305.32	ppb
Selenium	78-2	2.69	0.66	2.19	1.85	57.09	ppb
Selenium	82-1	2.15	1.32	2.34	1.93	28.08	ppb
Silicon	28-1	-13.07	-14.41	-12.93	-13.47		ppb
Silver	109-1	0.26	0.26	0.27	0.26	2.58	ppb
Silver	107-1	0.25	0.25	0.27	0.26	3.65	ppb
Sodium	23-2	43.68	41.22	45.13	43.34	4.57	ppb
Strontium	86-1	0.27	0.36	0.20	0.28	28.40	ppb
Strontium	88-1	0.24	0.26	0.27	0.26	5.82	ppb
Sulfur	34-1	-681.99	-804.19	-576.86	-687.68		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.24	0.24	0.23	5.89	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	1.28	ppb
Tin	118-1	0.27	0.22	0.18	0.22	19.57	ppb
Titanium	47-1	0.24	0.19	0.21	0.21	12.82	ppb
Uranium	238-1	0.25	0.25	0.21	0.24	8.67	ppb
Vanadium	51-2	0.24	0.31	0.23	0.26	15.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.46	0.51	0.89	0.62	37.86	ppb
Zirconium	90-1	0.27	0.25	0.25	0.26	4.32	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:20:45	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.27	0.23	0.25	6.73	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:23:55	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54335.86	49862.76	50450.77	51549.80	4.72	ppb
Antimony	121-1	519.50	518.34	509.61	515.82	1.05	ppb
Arsenic	75-2	540.80	504.47	500.63	515.30	4.30	ppb
Barium	135-1	2591.78	2589.43	2591.07	2590.76	0.05	ppb
Barium	137-1	2596.57	2577.00	2578.88	2584.15	0.42	ppb
Beryllium	9-1	527.98	518.95	524.24	523.72	0.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	530.39	519.72	527.43	525.85	1.05	ppb
Boron	11-1	527.62	530.02	529.33	528.99	0.23	ppb
Cadmium	111-1	502.71	500.69	497.96	500.45	0.48	ppb
Cadmium	106-1	509.62	508.02	509.22	508.95	0.16	ppb
Cadmium	108-1	500.54	494.78	503.41	499.58	0.88	ppb
Calcium	43-1	248894.09	248969.53	250478.02	249447.21	0.36	ppb
Calcium	44-1	247600.28	249023.41	248990.27	248537.99	0.33	ppb
Chromium	52-2	553.32	504.67	509.48	522.49	5.13	ppb
Cobalt	59-2	533.04	488.82	496.44	506.10	4.67	ppb
Copper	63-2	1096.15	989.74	993.55	1026.48	5.88	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	132797.66	122697.43	123892.68	126462.59	4.36	ppb
Iron	57-2	136465.09	125230.55	126392.58	129362.74	4.78	ppb
Lead	206-1	522.89	521.70	520.95	521.85	0.19	ppb
Lead	207-1	528.54	518.82	513.52	520.29	1.46	ppb
Lead	208-1	525.06	515.97	513.50	518.18	1.17	ppb
Lithium	6-1						%
Magnesium	24-2	272143.21	251678.75	253744.69	259188.88	4.35	ppb
Manganese	55-2	1103.27	1020.94	1023.54	1049.25	4.46	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:23:55	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	513.06	507.03	509.56	509.89	0.59	ppb
Molybdenum	95-1	518.09	516.17	511.61	515.29	0.65	ppb
Molybdenum	96-1	518.07	519.32	515.48	517.62	0.38	ppb
Molybdenum	97-1	515.42	509.58	502.22	509.07	1.30	ppb
Molybdenum	98-1	516.87	514.89	507.87	513.21	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.08	486.37	496.70	506.39	5.18	ppb
Phosphorus	31-2	10706.76	9727.49	9980.35	10138.20	5.01	ppb
Potassium	39-2	139668.70	128014.73	130323.68	132669.04	4.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	611.73	446.67	470.58	509.66	17.50	ppb
Selenium	78-2	558.32	514.40	498.99	523.90	5.88	ppb
Selenium	82-1	511.76	496.77	493.68	500.74	1.93	ppb
Silicon	28-1	506.11	512.67	507.96	508.92	0.66	ppb
Silver	109-1	511.44	511.14	507.81	510.13	0.40	ppb
Silver	107-1	507.51	510.03	506.50	508.01	0.36	ppb
Sodium	23-2	273677.35	252743.95	251760.51	259393.94	4.77	ppb
Strontium	86-1	537.37	536.00	528.08	533.82	0.94	ppb
Strontium	88-1	529.45	529.89	519.73	526.36	1.09	ppb
Sulfur	34-1	9189.80	9231.34	9369.98	9263.71	1.02	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	519.76	514.89	522.79	519.14	0.77	ppb
Thallium	205-1	520.34	514.68	516.01	517.01	0.57	ppb
Tin	118-1	519.41	519.61	519.58	519.53	0.02	ppb
Titanium	47-1	497.99	498.56	497.69	498.08	0.09	ppb
Uranium	238-1	513.89	512.34	525.47	517.23	1.39	ppb
Vanadium	51-2	549.72	507.21	516.91	524.61	4.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1074.80	978.74	996.98	1016.84	5.02	ppb
Zirconium	90-1	517.52	515.49	512.44	515.15	0.50	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:23:55	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	522.67	513.93	508.26	514.95	1.41	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:39:24	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	1.37	-1.76	0.01	12154.19	ppb
Antimony	121-1	0.05	0.04	0.04	0.05	15.14	ppb
Arsenic	75-2	0.01	-0.02	0.03	0.00	532.93	ppb
Barium	135-1	0.00	0.01	0.02	0.01	91.01	ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.02	0.02	0.06	0.03	70.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.93	1.46	1.76	1.72	13.87	ppb
Boron	11-1	2.22	2.14	2.18	2.18	1.88	ppb
Cadmium	111-1	-0.01	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-0.03	-0.39	-0.29	-0.24		ppb
Cadmium	108-1	0.06	0.05	0.08	0.06	23.06	ppb
Calcium	43-1	-15.99	-22.74	-25.37	-21.36		ppb
Calcium	44-1	0.18	-2.52	-2.14	-1.50		ppb
Chromium	52-2	0.02	0.01	0.04	0.03	75.47	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.00	0.02	-0.01	0.00	291.23	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	0.58	0.11	0.30	0.33	71.63	ppb
Iron	57-2	-0.07	3.33	0.13	1.13	168.61	ppb
Lead	206-1	0.03	0.01	0.03	0.02	45.84	ppb
Lead	207-1	0.01	0.00	0.01	0.01	66.36	ppb
Lead	208-1	0.02	0.02	0.01	0.02	15.85	ppb
Lithium	6-1						%
Magnesium	24-2	2.01	2.84	0.26	1.71	77.37	ppb
Manganese	55-2	-0.03	-0.03	0.03	-0.01		ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:39:24	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.01	0.01	38.96	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	1110.30	ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.01	0.01	157.60	ppb
Phosphorus	31-2	-6.96	6.80	20.98	6.94	201.32	ppb
Potassium	39-2	4.81	-8.59	2.12	-0.55		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	1.14	-1.04		ppb
Selenium	78-2	0.22	-0.86	0.19	-0.15		ppb
Selenium	82-1	0.45	0.16	0.30	0.30	48.61	ppb
Silicon	28-1	-10.89	-11.28	-11.65	-11.27		ppb
Silver	109-1	0.00	0.01	0.01	0.01	81.26	ppb
Silver	107-1	0.00	0.00	0.01	0.00	83.65	ppb
Sodium	23-2	30.69	29.21	34.67	31.52	8.96	ppb
Strontium	86-1	0.05	-0.01	0.02	0.02	149.27	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-299.17	-524.22	-637.33	-486.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	44.59	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	33.64	ppb
Tin	118-1	-0.06	-0.04	-0.06	-0.05		ppb
Titanium	47-1	-0.04	-0.03	0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.02	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.18	0.00	-0.15	-0.11		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.98	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:39:24	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	22.04	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-15 Instrumnet Name : P8
 Client Sample ID : IDL-15 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 16:42:32 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.63	13.24	14.33	10.07	64.17	ppb
Antimony	121-1	0.30	0.29	0.32	0.30	4.68	ppb
Arsenic	75-2	0.29	0.45	0.26	0.34	30.63	ppb
Barium	135-1	1.48	1.48	1.57	1.51	3.55	ppb
Barium	137-1	1.31	1.39	1.36	1.35	2.84	ppb
Beryllium	9-1	0.32	0.32	0.32	0.32	0.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.07	1.39	1.18	1.55	30.31	ppb
Boron	11-1	2.28	2.16	2.08	2.17	4.59	ppb
Cadmium	111-1	0.30	0.24	0.21	0.25	17.53	ppb
Cadmium	106-1	0.34	-0.14	-0.62	-0.14		ppb
Cadmium	108-1	0.38	0.22	0.18	0.26	41.10	ppb
Calcium	43-1	8.41	2.60	0.15	3.72	114.11	ppb
Calcium	44-1	25.24	26.80	32.98	28.34	14.44	ppb
Chromium	52-2	0.24	0.38	0.34	0.32	22.03	ppb
Cobalt	59-2	0.25	0.29	0.28	0.27	6.64	ppb
Copper	63-2	0.62	0.64	0.62	0.63	1.82	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	14.18	14.98	14.05	14.40	3.50	ppb
Iron	57-2	13.92	12.88	15.03	13.94	7.69	ppb
Lead	206-1	0.31	0.31	0.29	0.30	3.02	ppb
Lead	207-1	0.29	0.26	0.30	0.28	8.01	ppb
Lead	208-1	0.28	0.28	0.28	0.28	1.27	ppb
Lithium	6-1						%
Magnesium	24-2	31.22	26.95	27.90	28.69	7.83	ppb
Manganese	55-2	0.47	0.52	0.72	0.57	22.53	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-15	Instrumnet Name :	P8
Client Sample ID :	IDL-15	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:42:32	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.26	0.25	0.25	2.47	ppb
Molybdenum	95-1	0.24	0.26	0.27	0.26	5.81	ppb
Molybdenum	96-1	0.24	0.28	0.26	0.26	8.13	ppb
Molybdenum	97-1	0.21	0.27	0.21	0.23	14.83	ppb
Molybdenum	98-1	0.25	0.25	0.26	0.25	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.37	0.43	0.38	11.68	ppb
Phosphorus	31-2	7.53	7.16	-6.96	2.58	320.58	ppb
Potassium	39-2	17.70	26.95	9.62	18.09	47.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.22	-2.12	-2.12	-1.01		ppb
Selenium	78-2	3.98	2.36	0.21	2.18	86.48	ppb
Selenium	82-1	1.67	2.11	1.37	1.72	21.71	ppb
Silicon	28-1	-9.18	-11.46	0.10	-6.84		ppb
Silver	109-1	0.31	0.28	0.28	0.29	4.70	ppb
Silver	107-1	0.29	0.27	0.29	0.28	2.37	ppb
Sodium	23-2	53.21	58.44	57.91	56.52	5.09	ppb
Strontium	86-1	0.34	0.27	0.20	0.27	25.98	ppb
Strontium	88-1	0.28	0.28	0.25	0.27	5.18	ppb
Sulfur	34-1	-321.82	-218.17	472.88	-22.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.28	0.30	0.30	0.29	4.19	ppb
Thallium	205-1	0.29	0.26	0.26	0.27	5.66	ppb
Tin	118-1	0.20	0.21	0.23	0.21	7.07	ppb
Titanium	47-1	0.26	0.25	0.24	0.25	5.29	ppb
Uranium	238-1	0.25	0.26	0.26	0.26	1.69	ppb
Vanadium	51-2	0.28	0.27	0.24	0.26	8.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.49	0.21	0.64	0.45	48.92	ppb
Zirconium	90-1	0.26	0.28	0.25	0.26	5.72	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-15	Instrumnet Name :	P8
Client Sample ID :	IDL-15	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:42:32	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.25	0.23	0.24	4.11	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:45:43	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.48	15.78	7.55	9.93	51.20	ppb
Antimony	121-1	0.31	0.29	0.32	0.31	5.62	ppb
Arsenic	75-2	0.25	0.24	0.29	0.26	10.84	ppb
Barium	135-1	1.56	1.41	1.50	1.49	4.87	ppb
Barium	137-1	1.52	1.39	1.43	1.44	4.66	ppb
Beryllium	9-1	0.30	0.34	0.33	0.32	6.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.53	1.10	1.83	1.49	24.59	ppb
Boron	11-1	1.98	1.21	1.47	1.55	25.32	ppb
Cadmium	111-1	0.28	0.23	0.32	0.28	15.87	ppb
Cadmium	106-1	-0.56	-0.47	0.28	-0.25		ppb
Cadmium	108-1	0.29	0.21	0.34	0.28	24.03	ppb
Calcium	43-1	7.38	-4.00	3.98	2.45	238.15	ppb
Calcium	44-1	26.70	26.39	24.56	25.88	4.46	ppb
Chromium	52-2	0.36	0.25	0.31	0.30	17.46	ppb
Cobalt	59-2	0.28	0.28	0.26	0.28	4.82	ppb
Copper	63-2	0.61	0.58	0.58	0.59	2.86	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	14.51	14.63	15.05	14.73	1.95	ppb
Iron	57-2	13.14	15.20	14.37	14.24	7.28	ppb
Lead	206-1	0.29	0.28	0.31	0.29	4.99	ppb
Lead	207-1	0.31	0.25	0.27	0.28	10.20	ppb
Lead	208-1	0.28	0.28	0.29	0.28	1.10	ppb
Lithium	6-1						%
Magnesium	24-2	29.90	27.33	28.50	28.58	4.50	ppb
Manganese	55-2	0.56	0.64	0.52	0.57	10.91	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:45:43	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.27	0.26	0.27	4.50	ppb
Molybdenum	95-1	0.27	0.26	0.27	0.27	3.55	ppb
Molybdenum	96-1	0.25	0.25	0.25	0.25	1.48	ppb
Molybdenum	97-1	0.26	0.33	0.23	0.27	18.81	ppb
Molybdenum	98-1	0.27	0.29	0.25	0.27	7.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.34	0.31	0.30	12.10	ppb
Phosphorus	31-2	20.23	-6.96	20.33	11.20	140.44	ppb
Potassium	39-2	8.92	21.09	6.34	12.12	64.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	3.78	2.72	0.69	2.39	65.49	ppb
Selenium	82-1	2.18	1.31	1.87	1.79	24.87	ppb
Silicon	28-1	-12.83	-12.94	-12.22	-12.67		ppb
Silver	109-1	0.28	0.27	0.32	0.29	9.54	ppb
Silver	107-1	0.31	0.29	0.31	0.30	3.07	ppb
Sodium	23-2	55.29	46.33	51.63	51.08	8.82	ppb
Strontium	86-1	0.25	0.26	0.24	0.25	4.73	ppb
Strontium	88-1	0.28	0.26	0.28	0.27	3.43	ppb
Sulfur	34-1	-523.54	-573.50	-739.83	-612.29		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.31	0.30	0.28	10.62	ppb
Thallium	205-1	0.28	0.27	0.30	0.29	5.49	ppb
Tin	118-1	0.23	0.18	0.21	0.21	11.63	ppb
Titanium	47-1	0.17	0.29	0.21	0.23	27.53	ppb
Uranium	238-1	0.27	0.26	0.26	0.26	2.90	ppb
Vanadium	51-2	0.17	0.26	0.29	0.24	26.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.57	0.39	0.61	0.52	22.20	ppb
Zirconium	90-1	0.28	0.27	0.26	0.27	3.43	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:45:43	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.27	0.26	0.26	6.62	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:48:51	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.52	4.83	9.55	8.63	39.83	ppb
Antimony	121-1	0.31	0.26	0.29	0.29	8.65	ppb
Arsenic	75-2	0.24	0.31	0.26	0.27	11.67	ppb
Barium	135-1	1.51	1.33	1.42	1.42	6.30	ppb
Barium	137-1	1.31	1.42	1.45	1.39	5.14	ppb
Beryllium	9-1	0.28	0.28	0.25	0.27	6.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.59	1.80	0.72	1.37	42.01	ppb
Boron	11-1	1.40	1.42	1.34	1.39	2.69	ppb
Cadmium	111-1	0.24	0.23	0.24	0.24	3.25	ppb
Cadmium	106-1	-0.77	0.22	-0.27	-0.27		ppb
Cadmium	108-1	0.13	0.18	0.37	0.23	56.09	ppb
Calcium	43-1	12.87	10.14	10.67	11.23	12.87	ppb
Calcium	44-1	24.97	27.55	20.60	24.37	14.42	ppb
Chromium	52-2	0.23	0.33	0.27	0.28	18.87	ppb
Cobalt	59-2	0.23	0.25	0.24	0.24	4.06	ppb
Copper	63-2	0.59	0.65	0.60	0.61	5.22	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	14.42	15.02	14.14	14.53	3.07	ppb
Iron	57-2	17.04	16.70	14.27	16.01	9.44	ppb
Lead	206-1	0.29	0.29	0.28	0.29	2.78	ppb
Lead	207-1	0.26	0.30	0.29	0.29	7.57	ppb
Lead	208-1	0.28	0.30	0.27	0.28	4.82	ppb
Lithium	6-1						%
Magnesium	24-2	31.33	32.81	27.67	30.61	8.66	ppb
Manganese	55-2	0.52	0.46	0.57	0.52	10.19	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:48:51	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.26	0.24	0.26	6.80	ppb
Molybdenum	95-1	0.26	0.27	0.23	0.25	7.64	ppb
Molybdenum	96-1	0.27	0.27	0.26	0.26	0.93	ppb
Molybdenum	97-1	0.22	0.24	0.24	0.24	5.05	ppb
Molybdenum	98-1	0.22	0.24	0.24	0.23	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.30	0.21	0.26	17.36	ppb
Phosphorus	31-2	20.00	22.02	6.60	16.21	51.72	ppb
Potassium	39-2	7.89	8.56	2.28	6.24	55.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.01	-2.12	-2.12	-1.08		ppb
Selenium	78-2	3.16	2.93	3.23	3.11	5.12	ppb
Selenium	82-1	1.75	2.62	1.99	2.12	21.35	ppb
Silicon	28-1	-14.69	-12.74	-14.24	-13.89		ppb
Silver	109-1	0.28	0.26	0.30	0.28	7.26	ppb
Silver	107-1	0.29	0.29	0.28	0.29	2.66	ppb
Sodium	23-2	49.04	52.75	51.13	50.98	3.65	ppb
Strontium	86-1	0.25	0.26	0.22	0.24	8.60	ppb
Strontium	88-1	0.26	0.28	0.29	0.28	5.48	ppb
Sulfur	34-1	-554.75	-647.93	-714.39	-639.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.31	0.26	0.27	0.28	8.12	ppb
Thallium	205-1	0.27	0.26	0.27	0.27	2.58	ppb
Tin	118-1	0.20	0.21	0.18	0.20	7.51	ppb
Titanium	47-1	0.33	0.21	0.23	0.26	24.23	ppb
Uranium	238-1	0.25	0.23	0.25	0.25	4.63	ppb
Vanadium	51-2	0.21	0.25	0.30	0.25	16.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.42	0.98	0.69	0.70	40.44	ppb
Zirconium	90-1	0.27	0.28	0.25	0.27	5.12	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:48:51	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.21	0.27	0.25	13.09	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:51:59	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.32	9.97	5.38	6.89	38.75	ppb
Antimony	121-1	0.30	0.28	0.30	0.29	3.50	ppb
Arsenic	75-2	0.16	0.24	0.22	0.21	21.10	ppb
Barium	135-1	1.46	1.44	1.29	1.40	6.70	ppb
Barium	137-1	1.41	1.42	1.41	1.41	0.54	ppb
Beryllium	9-1	0.28	0.33	0.33	0.31	9.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.60	0.87	1.13	0.87	30.73	ppb
Boron	11-1	1.00	1.00	0.92	0.97	4.75	ppb
Cadmium	111-1	0.27	0.21	0.23	0.24	11.34	ppb
Cadmium	106-1	-0.22	-0.71	-0.92	-0.62		ppb
Cadmium	108-1	0.35	0.16	0.21	0.24	40.62	ppb
Calcium	43-1	-8.05	0.85	5.78	-0.47		ppb
Calcium	44-1	22.78	25.04	26.15	24.66	6.96	ppb
Chromium	52-2	0.28	0.33	0.29	0.30	9.09	ppb
Cobalt	59-2	0.31	0.30	0.28	0.30	4.02	ppb
Copper	63-2	0.59	0.57	0.58	0.58	1.46	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	14.54	14.78	14.39	14.57	1.35	ppb
Iron	57-2	9.69	12.81	19.03	13.85	34.34	ppb
Lead	206-1	0.28	0.28	0.31	0.29	7.37	ppb
Lead	207-1	0.25	0.30	0.28	0.27	7.50	ppb
Lead	208-1	0.26	0.28	0.29	0.28	5.65	ppb
Lithium	6-1						%
Magnesium	24-2	33.53	29.74	27.20	30.16	10.57	ppb
Manganese	55-2	0.70	0.65	0.50	0.62	16.66	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:51:59	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.28	0.30	0.29	5.26	ppb
Molybdenum	95-1	0.23	0.23	0.29	0.25	13.93	ppb
Molybdenum	96-1	0.28	0.28	0.26	0.28	4.23	ppb
Molybdenum	97-1	0.22	0.30	0.28	0.27	14.36	ppb
Molybdenum	98-1	0.27	0.25	0.24	0.25	4.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.29	0.36	0.30	15.60	ppb
Phosphorus	31-2	-6.96	-6.96	46.88	10.99	282.99	ppb
Potassium	39-2	14.56	20.37	16.38	17.10	17.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	1.08	1.04	0.00		ppb
Selenium	78-2	4.18	0.17	3.21	2.52	83.01	ppb
Selenium	82-1	1.87	2.10	2.02	2.00	6.02	ppb
Silicon	28-1	-12.57	-14.07	-13.83	-13.49		ppb
Silver	109-1	0.32	0.31	0.31	0.31	2.66	ppb
Silver	107-1	0.30	0.28	0.30	0.29	4.38	ppb
Sodium	23-2	49.45	49.70	50.81	49.99	1.46	ppb
Strontium	86-1	0.20	0.23	0.30	0.24	22.29	ppb
Strontium	88-1	0.27	0.28	0.27	0.27	3.18	ppb
Sulfur	34-1	-658.50	-672.61	-551.80	-627.64		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.26	0.26	0.25	5.87	ppb
Thallium	205-1	0.29	0.27	0.27	0.27	4.15	ppb
Tin	118-1	0.23	0.21	0.21	0.22	6.58	ppb
Titanium	47-1	0.20	0.27	0.18	0.22	21.97	ppb
Uranium	238-1	0.26	0.25	0.27	0.26	3.51	ppb
Vanadium	51-2	0.23	0.36	0.34	0.31	21.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.47	0.45	0.76	0.56	31.01	ppb
Zirconium	90-1	0.27	0.28	0.28	0.28	3.77	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:51:59	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.23	0.26	0.27	15.12	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-19 Instrumnet Name : P8
 Client Sample ID : IDL-19 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 16:55:09 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.36	8.50	8.43	9.43	17.72	ppb
Antimony	121-1	0.28	0.26	0.27	0.27	3.66	ppb
Arsenic	75-2	0.24	0.41	0.36	0.34	25.70	ppb
Barium	135-1	1.27	1.56	1.34	1.39	10.81	ppb
Barium	137-1	1.36	1.38	1.35	1.36	1.23	ppb
Beryllium	9-1	0.32	0.32	0.35	0.33	6.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.82	1.32	1.24	1.46	21.54	ppb
Boron	11-1	1.33	1.28	1.03	1.21	13.18	ppb
Cadmium	111-1	0.31	0.21	0.30	0.27	19.12	ppb
Cadmium	106-1	0.35	-0.75	1.03	0.21	425.72	ppb
Cadmium	108-1	0.37	0.29	0.41	0.36	17.65	ppb
Calcium	43-1	-4.45	7.50	12.67	5.24	167.51	ppb
Calcium	44-1	21.29	26.24	25.16	24.23	10.75	ppb
Chromium	52-2	0.21	0.34	0.22	0.26	27.94	ppb
Cobalt	59-2	0.28	0.27	0.26	0.27	3.44	ppb
Copper	63-2	0.56	0.58	0.59	0.58	3.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.74	14.40	13.78	13.97	2.64	ppb
Iron	57-2	15.09	12.21	19.30	15.53	22.96	ppb
Lead	206-1	0.42	0.42	0.48	0.44	7.50	ppb
Lead	207-1	0.42	0.45	0.41	0.43	4.54	ppb
Lead	208-1	0.42	0.42	0.44	0.43	2.97	ppb
Lithium	6-1						%
Magnesium	24-2	27.72	26.52	22.87	25.71	9.83	ppb
Manganese	55-2	0.60	0.63	0.56	0.60	5.62	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-19	Instrumnet Name :	P8
Client Sample ID :	IDL-19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:55:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.27	0.25	0.25	7.85	ppb
Molybdenum	95-1	0.19	0.27	0.24	0.23	17.09	ppb
Molybdenum	96-1	0.26	0.24	0.25	0.25	4.31	ppb
Molybdenum	97-1	0.21	0.23	0.24	0.23	5.79	ppb
Molybdenum	98-1	0.26	0.23	0.23	0.24	8.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.28	0.31	0.28	7.78	ppb
Phosphorus	31-2	6.35	6.57	6.48	6.46	1.74	ppb
Potassium	39-2	10.46	9.68	9.59	9.91	4.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	1.02	1.03	-0.02		ppb
Selenium	78-2	2.63	4.71	3.19	3.51	30.55	ppb
Selenium	82-1	2.65	2.07	2.20	2.31	13.09	ppb
Silicon	28-1	-13.83	-15.26	-10.79	-13.30		ppb
Silver	109-1	0.28	0.27	0.27	0.27	0.30	ppb
Silver	107-1	0.28	0.28	0.30	0.29	3.00	ppb
Sodium	23-2	47.34	50.15	47.59	48.36	3.22	ppb
Strontium	86-1	0.35	0.19	0.26	0.27	29.57	ppb
Strontium	88-1	0.27	0.28	0.27	0.27	2.61	ppb
Sulfur	34-1	-454.12	-511.61	-337.64	-434.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.24	0.28	0.26	7.04	ppb
Thallium	205-1	0.26	0.25	0.28	0.26	6.37	ppb
Tin	118-1	0.24	0.21	0.27	0.24	11.37	ppb
Titanium	47-1	0.15	0.22	0.20	0.19	20.35	ppb
Uranium	238-1	0.25	0.24	0.27	0.25	7.15	ppb
Vanadium	51-2	0.25	0.27	0.28	0.27	4.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.52	0.58	0.44	0.51	14.44	ppb
Zirconium	90-1	0.27	0.25	0.28	0.27	5.81	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-19	Instrumnet Name :	P8
Client Sample ID :	IDL-19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:55:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.25	0.22	0.25	13.17	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:58:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.44	4.35	6.42	5.40	19.21	ppb
Antimony	121-1	0.26	0.26	0.27	0.26	1.12	ppb
Arsenic	75-2	0.29	0.37	0.21	0.29	29.00	ppb
Barium	135-1	1.30	1.42	1.38	1.37	4.33	ppb
Barium	137-1	1.17	1.32	1.34	1.28	7.41	ppb
Beryllium	9-1	0.31	0.24	0.25	0.27	13.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.11	0.58	1.05	0.91	32.15	ppb
Boron	11-1	0.72	0.90	0.75	0.79	12.47	ppb
Cadmium	111-1	0.26	0.21	0.15	0.21	27.49	ppb
Cadmium	106-1	-0.12	-1.02	-1.06	-0.73		ppb
Cadmium	108-1	0.26	0.44	0.18	0.30	44.60	ppb
Calcium	43-1	-1.77	1.89	-6.04	-1.97		ppb
Calcium	44-1	20.37	27.57	21.74	23.23	16.46	ppb
Chromium	52-2	0.23	0.27	0.17	0.22	24.20	ppb
Cobalt	59-2	0.25	0.28	0.26	0.26	6.87	ppb
Copper	63-2	0.56	0.53	0.53	0.54	2.98	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	13.50	13.50	13.20	13.40	1.28	ppb
Iron	57-2	12.83	19.85	13.03	15.24	26.25	ppb
Lead	206-1	0.30	0.26	0.25	0.27	9.39	ppb
Lead	207-1	0.28	0.26	0.26	0.27	4.65	ppb
Lead	208-1	0.25	0.25	0.25	0.25	1.50	ppb
Lithium	6-1						%
Magnesium	24-2	28.56	25.21	27.50	27.09	6.33	ppb
Manganese	55-2	0.50	0.56	0.51	0.52	6.40	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:58:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.30	0.28	0.29	4.96	ppb
Molybdenum	95-1	0.25	0.25	0.23	0.24	3.02	ppb
Molybdenum	96-1	0.26	0.24	0.23	0.24	6.49	ppb
Molybdenum	97-1	0.22	0.24	0.22	0.23	5.52	ppb
Molybdenum	98-1	0.24	0.28	0.23	0.25	10.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.24	0.23	0.26	16.89	ppb
Phosphorus	31-2	20.20	6.46	6.53	11.06	71.52	ppb
Potassium	39-2	4.52	2.85	0.08	2.49	90.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.34	1.03	4.16	4.17	75.55	ppb
Selenium	78-2	4.20	2.18	-0.86	1.84	138.26	ppb
Selenium	82-1	2.02	2.44	1.45	1.97	25.14	ppb
Silicon	28-1	-12.65	-10.64	-15.03	-12.77		ppb
Silver	109-1	0.28	0.27	0.31	0.29	8.18	ppb
Silver	107-1	0.24	0.25	0.27	0.25	5.28	ppb
Sodium	23-2	45.42	42.78	39.81	42.67	6.58	ppb
Strontium	86-1	0.33	0.31	0.20	0.28	25.37	ppb
Strontium	88-1	0.24	0.27	0.27	0.26	7.79	ppb
Sulfur	34-1	-590.51	-221.64	-582.31	-464.82		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.26	0.24	0.25	3.69	ppb
Thallium	205-1	0.25	0.27	0.25	0.25	4.22	ppb
Tin	118-1	0.20	0.18	0.20	0.19	5.41	ppb
Titanium	47-1	0.37	0.30	0.36	0.34	11.73	ppb
Uranium	238-1	0.23	0.23	0.22	0.23	2.19	ppb
Vanadium	51-2	0.25	0.17	0.31	0.24	29.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.75	0.54	0.56	0.62	18.30	ppb
Zirconium	90-1	0.26	0.26	0.23	0.25	6.25	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:58:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.26	0.27	0.25	10.87	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:01:26	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.46	10.75	16.18	10.80	49.64	ppb
Antimony	121-1	0.25	0.28	0.24	0.26	6.69	ppb
Arsenic	75-2	0.28	0.27	0.20	0.25	16.51	ppb
Barium	135-1	1.37	1.28	1.24	1.30	4.94	ppb
Barium	137-1	1.26	1.32	1.26	1.28	2.62	ppb
Beryllium	9-1	0.25	0.34	0.21	0.27	23.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.12	0.79	0.58	0.50	69.02	ppb
Boron	11-1	0.93	0.70	0.95	0.86	16.40	ppb
Cadmium	111-1	0.24	0.19	0.31	0.25	25.96	ppb
Cadmium	106-1	-0.30	-1.09	0.55	-0.28		ppb
Cadmium	108-1	0.21	0.26	0.37	0.28	29.56	ppb
Calcium	43-1	-2.11	0.45	12.76	3.70	214.91	ppb
Calcium	44-1	21.59	22.39	20.10	21.36	5.44	ppb
Chromium	52-2	0.28	0.25	0.27	0.27	6.54	ppb
Cobalt	59-2	0.29	0.28	0.28	0.29	2.37	ppb
Copper	63-2	0.63	0.58	0.51	0.57	9.96	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	13.28	13.58	14.09	13.65	3.01	ppb
Iron	57-2	13.16	13.93	13.54	13.54	2.83	ppb
Lead	206-1	0.25	0.27	0.27	0.26	4.34	ppb
Lead	207-1	0.26	0.27	0.22	0.25	9.42	ppb
Lead	208-1	0.26	0.25	0.24	0.25	3.71	ppb
Lithium	6-1						%
Magnesium	24-2	29.50	26.79	30.27	28.85	6.34	ppb
Manganese	55-2	0.66	0.53	0.68	0.62	13.70	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:01:26	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.23	0.22	0.23	1.61	ppb
Molybdenum	95-1	0.25	0.23	0.25	0.24	4.98	ppb
Molybdenum	96-1	0.23	0.24	0.24	0.23	3.44	ppb
Molybdenum	97-1	0.24	0.27	0.25	0.25	6.58	ppb
Molybdenum	98-1	0.23	0.23	0.25	0.24	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.39	0.47	0.41	13.56	ppb
Phosphorus	31-2	6.64	-6.96	6.95	2.21	359.48	ppb
Potassium	39-2	10.85	6.56	-6.31	3.70	241.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	1.11	-2.12	-1.05		ppb
Selenium	78-2	3.68	0.18	1.78	1.88	93.09	ppb
Selenium	82-1	3.03	1.89	2.48	2.47	23.26	ppb
Silicon	28-1	-12.69	-11.53	-14.05	-12.76		ppb
Silver	109-1	0.28	0.29	0.28	0.28	0.82	ppb
Silver	107-1	0.26	0.26	0.26	0.26	1.43	ppb
Sodium	23-2	41.42	44.07	48.35	44.62	7.84	ppb
Strontium	86-1	0.25	0.26	0.22	0.25	7.49	ppb
Strontium	88-1	0.25	0.25	0.25	0.25	0.89	ppb
Sulfur	34-1	-562.31	-655.56	-834.45	-684.11		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.26	0.28	0.26	8.12	ppb
Thallium	205-1	0.26	0.27	0.24	0.26	6.74	ppb
Tin	118-1	0.21	0.22	0.17	0.20	12.99	ppb
Titanium	47-1	0.21	0.19	0.17	0.19	9.86	ppb
Uranium	238-1	0.24	0.23	0.23	0.23	1.14	ppb
Vanadium	51-2	0.27	0.30	0.21	0.26	16.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.52	0.38	0.46	0.45	15.24	ppb
Zirconium	90-1	0.26	0.25	0.25	0.25	2.71	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:01:26	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.28	0.24	0.26	8.75	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:04:34	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50730.21	51433.92	50270.26	50811.46	1.15	ppb
Antimony	121-1	518.37	506.94	509.48	511.60	1.17	ppb
Arsenic	75-2	502.49	517.41	496.66	505.52	2.12	ppb
Barium	135-1	2572.00	2489.37	2581.61	2547.66	1.99	ppb
Barium	137-1	2559.30	2519.25	2547.73	2542.10	0.81	ppb
Beryllium	9-1	515.70	511.44	515.90	514.35	0.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	507.33	516.44	520.42	514.73	1.30	ppb
Boron	11-1	507.43	508.66	521.36	512.48	1.51	ppb
Cadmium	111-1	500.59	491.04	494.77	495.47	0.97	ppb
Cadmium	106-1	506.94	495.87	501.81	501.54	1.10	ppb
Cadmium	108-1	503.58	492.42	493.19	496.39	1.26	ppb
Calcium	43-1	250045.96	248549.45	245967.35	248187.59	0.83	ppb
Calcium	44-1	247505.40	246599.38	248181.07	247428.62	0.32	ppb
Chromium	52-2	509.41	518.18	508.43	512.00	1.05	ppb
Cobalt	59-2	495.39	506.06	494.46	498.63	1.29	ppb
Copper	63-2	1004.23	1017.33	997.56	1006.37	1.00	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	124027.21	127199.57	124760.87	125329.22	1.33	ppb
Iron	57-2	127190.21	131061.82	128421.44	128891.15	1.53	ppb
Lead	206-1	513.11	512.38	523.83	516.44	1.24	ppb
Lead	207-1	511.34	510.37	515.93	512.55	0.58	ppb
Lead	208-1	512.19	510.66	516.31	513.05	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	254340.48	260144.94	253157.74	255881.05	1.46	ppb
Manganese	55-2	1033.45	1053.10	1030.80	1039.12	1.17	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:04:34	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	507.27	504.55	506.51	506.11	0.28	ppb
Molybdenum	95-1	508.23	503.71	501.24	504.39	0.70	ppb
Molybdenum	96-1	511.01	503.68	503.15	505.95	0.87	ppb
Molybdenum	97-1	502.81	500.62	501.52	501.65	0.22	ppb
Molybdenum	98-1	514.53	505.39	501.10	507.01	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.11	510.21	497.01	500.11	1.79	ppb
Phosphorus	31-2	10332.60	10702.80	9226.12	10087.17	7.62	ppb
Potassium	39-2	130276.12	134341.76	129628.84	131415.57	1.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	529.30	523.62	497.15	516.69	3.32	ppb
Selenium	78-2	523.36	509.04	535.07	522.49	2.50	ppb
Selenium	82-1	499.85	494.50	486.66	493.67	1.34	ppb
Silicon	28-1	506.60	491.00	503.02	500.21	1.63	ppb
Silver	109-1	509.93	496.38	508.80	505.04	1.49	ppb
Silver	107-1	505.33	498.27	506.04	503.21	0.85	ppb
Sodium	23-2	251912.53	259176.33	253899.13	254996.00	1.47	ppb
Strontium	86-1	526.76	516.41	519.16	520.78	1.03	ppb
Strontium	88-1	524.63	512.52	515.12	517.43	1.23	ppb
Sulfur	34-1	9412.82	9251.77	9107.97	9257.52	1.65	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	517.23	516.53	521.93	518.56	0.57	ppb
Thallium	205-1	506.53	510.56	517.00	511.36	1.03	ppb
Tin	118-1	520.79	507.31	508.72	512.27	1.45	ppb
Titanium	47-1	494.16	495.13	496.46	495.25	0.23	ppb
Uranium	238-1	512.97	509.47	516.00	512.82	0.64	ppb
Vanadium	51-2	513.10	521.55	510.67	515.11	1.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	993.62	1018.47	988.35	1000.14	1.61	ppb
Zirconium	90-1	502.26	499.35	500.51	500.71	0.29	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:04:34	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.77	500.72	503.78	505.42	1.13	ppb

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : CCB56 Instrumnet Name : P8
 Client Sample ID : CCB56 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 17:10:30 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	-1.76	1.39	-0.01		ppb
Antimony	121-1	0.11	0.09	0.09	0.10	12.86	ppb
Arsenic	75-2	0.06	-0.01	-0.01	0.01	277.42	ppb
Barium	135-1	0.00	-0.01	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.08	0.06	0.08	0.07	16.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.55	3.96	3.53	4.01	12.71	ppb
Boron	11-1	4.87	4.44	4.61	4.64	4.74	ppb
Cadmium	111-1	-0.11	-0.04	0.02	-0.04		ppb
Cadmium	106-1	-1.55	-0.54	0.26	-0.61		ppb
Cadmium	108-1	0.02	-0.06	-0.03	-0.02		ppb
Calcium	43-1	-21.02	-26.88	-22.73	-23.55		ppb
Calcium	44-1	-0.27	3.07	1.41	1.40	119.10	ppb
Chromium	52-2	0.03	0.00	0.10	0.05	112.94	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	0.00	0.00	0.01	163.73	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	1.01	0.64	0.70	41.15	ppb
Iron	57-2	1.91	-1.63	-1.08	-0.27		ppb
Lead	206-1	0.05	0.04	0.05	0.05	19.33	ppb
Lead	207-1	0.04	0.05	0.03	0.04	22.22	ppb
Lead	208-1	0.04	0.04	0.03	0.03	18.49	ppb
Lithium	6-1						%
Magnesium	24-2	-0.20	0.80	1.11	0.57	120.14	ppb
Manganese	55-2	0.01	-0.04	0.02	0.00	2224.93	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P8
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:10:30	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	24.50	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	50.82	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	14.61	ppb
Molybdenum	97-1	0.02	0.02	-0.02	0.01	360.43	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	52.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.02	-0.01		ppb
Phosphorus	31-2	-6.96	21.60	-6.96	2.56	645.00	ppb
Potassium	39-2	26.04	15.08	-6.63	11.50	144.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-0.86	0.20	-0.33	-0.33		ppb
Selenium	82-1	0.55	0.22	-0.32	0.15	288.93	ppb
Silicon	28-1	-12.66	-12.30	-13.47	-12.81		ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.59	ppb
Silver	107-1	0.00	0.01	0.01	0.01	35.35	ppb
Sodium	23-2	52.59	48.44	42.25	47.76	10.90	ppb
Strontium	86-1	0.05	-0.02	-0.03	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	85.58	ppb
Sulfur	34-1	-636.39	-616.05	-606.02	-619.49		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.05	0.04	14.20	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	15.49	ppb
Tin	118-1	0.04	0.04	0.02	0.03	39.64	ppb
Titanium	47-1	-0.03	0.00	-0.01	-0.01		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	-0.15	-0.14	-0.09	-0.13		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	33.09	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P8
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:10:30	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.03	0.02	15.94	ppb

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:49:27	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	17	14	91.65	cps
Antimony	121-1	58	42	50	50	16.67	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	33	8	42	28	62.46	cps
Barium	137-1	83	67	108	86	24.35	cps
Beryllium	9-1	33	39	44	39	14.30	cps
Bismuth	209-1	5279434	5329553	5392477	5333822	1.06	cps
Bismuth	209-2	1868959	1800161	1767739	1812287	2.85	cps
Boron	10-1	158	133	208	167	22.91	cps
Boron	11-1	650	692	658	667	3.31	cps
Cadmium	111-1	1178	1203	1152	1178	2.19	cps
Cadmium	106-1	1667	1692	1642	1667	1.50	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	2159	2084	2050	2097	2.65	cps
Calcium	44-1	28605	30392	30167	29721	3.27	cps
Chromium	52-2	847	623	833	768	16.32	cps
Cobalt	59-2	47	57	70	58	20.26	cps
Copper	63-2	240	257	260	252	4.25	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	50	75	67	64	19.92	cps
Gadolinium	160-2	10	23	10	14	53.28	cps
Holmium	165-1	8989831	8843246	8926117	8919731	0.82	cps
Holmium	165-2	2409461	2365099	2359854	2378138	1.15	cps
Indium	115-1	7757326	7718087	7901560	7792324	1.24	cps
Indium	115-2	451943	443219	447978	447713	0.98	cps
Iron	56-2	1961	1934	1884	1926	2.05	cps
Iron	57-2	72	28	78	59	46.24	cps
Lead	206-1	389	383	356	376	4.75	cps
Lead	207-1	422	333	356	370	12.49	cps
Lead	208-1	1733	1706	1622	1687	3.43	cps
Lithium	6-1	813267	815869	815613	814916	0.18	cps
Magnesium	24-2	175	100	150	142	26.95	cps
Manganese	55-2	50	43	53	49	10.42	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:49:27	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	208	208	233	18.56	cps
Molybdenum	95-1	92	58	75	75	22.22	cps
Molybdenum	96-1	167	150	83	133	33.07	cps
Molybdenum	97-1	50	100	142	97	47.21	cps
Molybdenum	98-1	133	83	125	114	23.52	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	153	130	151	13.30	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3276	3634	3601	3503	5.65	cps
Rhodium	103-1	7250914	7107062	7228789	7195588	1.08	cps
Rhodium	103-2	2255888	2219676	2231965	2235843	0.82	cps
Scandium	45-1	4139425	4137455	4162256	4146379	0.33	cps
Scandium	45-2	44143	43364	43320	43609	1.06	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	-51	-21	-77	-50	-56.39	cps
Silicon	28-1	380818	381557	386114	382830	0.75	cps
Silver	109-1	33	33	50	39	24.75	cps
Silver	107-1	92	92	100	94	5.10	cps
Sodium	23-2	3092	2975	3067	3045	2.02	cps
Strontium	86-1	942	917	875	911	3.70	cps
Strontium	88-1	208	275	200	228	18.05	cps
Sulfur	34-1	331761	333202	331276	332080	0.30	cps
Terbium	159-1	9252995	9280542	9451700	9328412	1.15	cps
Terbium	159-2	2350808	2298418	2310142	2319789	1.19	cps
Thallium	203-1	83	92	42	72	37.09	cps
Thallium	205-1	167	117	167	150	19.25	cps
Tin	118-1	1150	1467	1484	1367	13.74	cps
Titanium	47-1	167	150	108	142	21.21	cps
Uranium	238-1	133	133	133	133	0.00	cps
Vanadium	51-2	17	23	13	18	28.64	cps
Yttrium	89-1	8140667	8139668	8190135	8156823	0.35	cps
Yttrium	89-2	328297	322968	323445	324903	0.91	cps
Zinc	66-2	37	33	60	43	33.53	cps
Zirconium	90-1	467	408	733	536	32.32	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:49:27	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	58	150	103	44.65	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:56:37	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	83	92	119	46.45	cps
Antimony	121-1	19740	19106	19432	19426	1.63	cps
Arsenic	75-2	130	107	113	117	9.91	cps
Barium	135-1	20016	19465	19732	19738	1.40	cps
Barium	137-1	33644	33794	34655	34031	1.60	cps
Beryllium	9-1	894	989	783	889	11.58	cps
Bismuth	209-1	5493498	5395317	5445851	5444889	0.90	cps
Bismuth	209-2	1781424	1592856	1610067	1661449	6.28	cps
Boron	10-1	2725	2517	3126	2789	11.09	cps
Boron	11-1	13040	13090	12706	12945	1.61	cps
Cadmium	111-1	3462	3280	3257	3333	3.37	cps
Cadmium	106-1	2034	1984	1834	1950	5.34	cps
Cadmium	108-1	196	233	146	192	22.90	cps
Calcium	43-1	11372	11814	11013	11400	3.52	cps
Calcium	44-1	182549	184040	184977	183855	0.67	cps
Chromium	52-2	2967	2824	2747	2846	3.92	cps
Cobalt	59-2	2097	2110	2057	2088	1.33	cps
Copper	63-2	4217	3817	4107	4047	5.11	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	25	75	50	50.00	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	83	58	67	69	18.33	cps
Gadolinium	160-2	7	27	17	17	59.99	cps
Holmium	165-1	9217273	9141429	9072935	9143879	0.79	cps
Holmium	165-2	2339873	2137336	2173300	2216836	4.87	cps
Indium	115-1	8013742	7939609	7874460	7942604	0.88	cps
Indium	115-2	439905	400650	402252	414269	5.36	cps
Iron	56-2	36470	32338	34181	34330	6.03	cps
Iron	57-2	1006	822	800	876	12.88	cps
Lead	206-1	6985	6908	6902	6932	0.67	cps
Lead	207-1	6141	6391	6357	6296	2.16	cps
Lead	208-1	27802	27952	28386	28046	1.08	cps
Lithium	6-1	828369	830139	823544	827351	0.41	cps
Magnesium	24-2	16677	14933	15317	15643	5.86	cps
Manganese	55-2	397	297	337	343	14.66	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:56:37	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16461	17078	16677	16739	1.87	cps
Molybdenum	95-1	20032	20232	20366	20210	0.83	cps
Molybdenum	96-1	22202	23129	22945	22759	2.16	cps
Molybdenum	97-1	12590	12231	12081	12301	2.13	cps
Molybdenum	98-1	32331	31521	32390	32081	1.51	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	760	687	710	719	5.21	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	13173	12665	12940	12926	1.97	cps
Rhodium	103-1	7312367	7273568	7323729	7303222	0.36	cps
Rhodium	103-2	2229829	1999293	2032478	2087200	5.97	cps
Scandium	45-1	4109323	4125836	4138631	4124597	0.36	cps
Scandium	45-2	43437	40131	39609	41059	5.06	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	11	13	13	12	8.65	cps
Selenium	82-1	706	682	673	687	2.49	cps
Silicon	28-1	414601	417439	419139	417059	0.55	cps
Silver	109-1	13032	13032	12506	12857	2.36	cps
Silver	107-1	13582	13899	14058	13847	1.75	cps
Sodium	23-2	43534	39255	41236	41342	5.18	cps
Strontium	86-1	3867	3642	4109	3873	6.03	cps
Strontium	88-1	24189	23388	23388	23655	1.96	cps
Sulfur	34-1	325102	324397	322043	323847	0.49	cps
Terbium	159-1	9552172	9570720	9524006	9548966	0.25	cps
Terbium	159-2	2272108	2076344	2093814	2147422	5.04	cps
Thallium	203-1	6877	7027	6977	6961	1.10	cps
Thallium	205-1	15794	16194	15510	15833	2.17	cps
Tin	118-1	35273	34847	35523	35214	0.97	cps
Titanium	47-1	4868	4918	4918	4901	0.59	cps
Uranium	238-1	18840	19141	19374	19118	1.40	cps
Vanadium	51-2	3691	3434	3290	3472	5.84	cps
Yttrium	89-1	8248979	8225930	8172155	8215688	0.48	cps
Yttrium	89-2	318561	289323	295121	301002	5.14	cps
Zinc	66-2	360	343	357	353	2.50	cps
Zirconium	90-1	14633	14917	14734	14761	0.97	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 13:56:37	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3159	2859	3534	3184	10.62	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 14:00:05 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7686	7352	8036	7691	4.45	cps
Antimony	121-1	533967	542191	502286	526148	4.00	cps
Arsenic	75-2	7020	6904	6918	6947	0.91	cps
Barium	135-1	543180	550556	511747	535161	3.85	cps
Barium	137-1	946998	955097	891942	931345	3.69	cps
Beryllium	9-1	51320	51147	47412	49959	4.42	cps
Bismuth	209-1	5545995	5110151	5089111	5248419	4.91	cps
Bismuth	209-2	1837333	1865059	1816918	1839770	1.31	cps
Boron	10-1	5668	5985	5743	5799	2.85	cps
Boron	11-1	28120	28847	27778	28248	1.93	cps
Cadmium	111-1	118498	119298	111032	116276	3.92	cps
Cadmium	106-1	13624	13165	12573	13121	4.02	cps
Cadmium	108-1	8336	8032	7648	8005	4.31	cps
Calcium	43-1	103791	107124	98360	103092	4.29	cps
Calcium	44-1	1746872	1747068	1634301	1709414	3.81	cps
Chromium	52-2	57273	56243	56929	56815	0.92	cps
Cobalt	59-2	117550	118572	119069	118397	0.65	cps
Copper	63-2	207181	205062	205056	205766	0.60	cps
Dysprosium	156-1	8	8	50	22	108.27	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	50	33	50	33.34	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	92	42	75	69	36.66	cps
Gadolinium	160-2	3	20	20	14	66.64	cps
Holmium	165-1	9234005	8524671	8407409	8722028	5.13	cps
Holmium	165-2	2381772	2438711	2376843	2399109	1.43	cps
Indium	115-1	8011601	7522132	7311760	7615165	4.72	cps
Indium	115-2	442046	446959	447526	445510	0.68	cps
Iron	56-2	1934077	1985537	1978136	1965917	1.42	cps
Iron	57-2	49154	48552	49031	48912	0.65	cps
Lead	206-1	287729	289914	270072	282572	3.85	cps
Lead	207-1	259830	262596	246770	256399	3.30	cps
Lead	208-1	1168721	1180556	1101401	1150226	3.71	cps
Lithium	6-1	824954	766058	748217	779743	5.15	cps
Magnesium	24-2	187057	187967	188567	187863	0.40	cps
Manganese	55-2	32505	32738	33186	32810	1.06	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:00:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	410512	414386	382063	402320	4.39	cps
Molybdenum	95-1	220716	222586	209641	217648	3.21	cps
Molybdenum	96-1	284522	283751	266969	278414	3.56	cps
Molybdenum	97-1	136093	140160	129068	135107	4.15	cps
Molybdenum	98-1	357384	357314	329831	348176	4.56	cps
Neodymium	150-1	33	27	33	31	12.36	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	35225	34987	35265	35159	0.43	cps
Phosphorus	31-2	483	525	708	572	20.92	cps
Potassium	39-2	63921	64766	63963	64217	0.74	cps
Rhodium	103-1	7383366	6854551	6684492	6974136	5.23	cps
Rhodium	103-2	2258709	2240823	2230597	2243376	0.63	cps
Scandium	45-1	4170607	3864674	3763077	3932786	5.39	cps
Scandium	45-2	43337	43450	43996	43594	0.81	cps
Selenium	77-2	63	40	70	58	27.26	cps
Selenium	78-2	193	172	170	178	6.91	cps
Selenium	82-1	7017	6968	6512	6832	4.07	cps
Silicon	28-1	599145	603884	593357	598795	0.88	cps
Silver	109-1	542785	545699	506756	531747	4.08	cps
Silver	107-1	570431	567647	529442	555840	4.12	cps
Sodium	23-2	448042	453282	449151	450158	0.61	cps
Strontium	86-1	147681	145974	138034	143896	3.58	cps
Strontium	88-1	1260342	1265926	1174719	1233662	4.14	cps
Sulfur	34-1	356939	360705	352576	356740	1.14	cps
Terbium	159-1	9613438	8913181	8823276	9116632	4.75	cps
Terbium	159-2	2364413	2350377	2372033	2362274	0.47	cps
Thallium	203-1	358372	358820	343841	353678	2.41	cps
Thallium	205-1	860209	851597	812352	841386	3.03	cps
Tin	118-1	370046	374433	350101	364860	3.55	cps
Titanium	47-1	54516	53587	50183	52762	4.32	cps
Uranium	238-1	1056746	1068537	1002041	1042441	3.40	cps
Vanadium	51-2	41562	41144	41762	41489	0.76	cps
Yttrium	89-1	8251911	7696131	7580208	7842750	4.58	cps
Yttrium	89-2	322091	327355	325496	324981	0.82	cps
Zinc	66-2	19337	19360	19514	19404	0.50	cps
Zirconium	90-1	783687	793846	734923	770819	4.09	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:00:05	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	174276	171654	162266	169399	3.73	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:03:34	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19464	18880	19189	19178	1.52	cps
Antimony	121-1	1352052	1349499	1345650	1349067	0.24	cps
Arsenic	75-2	17502	17895	17826	17741	1.18	cps
Barium	135-1	1387166	1365678	1380574	1377806	0.80	cps
Barium	137-1	2448462	2426809	2448441	2441237	0.51	cps
Beryllium	9-1	129084	129774	128340	129066	0.56	cps
Bismuth	209-1	5343576	5520338	5517657	5460524	1.85	cps
Bismuth	209-2	1851881	1811244	1818512	1827213	1.19	cps
Boron	10-1	15375	15584	15117	15359	1.52	cps
Boron	11-1	71143	69996	71738	70959	1.25	cps
Cadmium	111-1	298276	301490	295981	298582	0.93	cps
Cadmium	106-1	32265	32098	31371	31911	1.49	cps
Cadmium	108-1	21263	20775	20562	20866	1.72	cps
Calcium	43-1	262222	258803	261229	260751	0.67	cps
Calcium	44-1	4324769	4281393	4304887	4303683	0.50	cps
Chromium	52-2	141871	140689	140487	141015	0.53	cps
Cobalt	59-2	296781	297013	298484	297426	0.31	cps
Copper	63-2	519814	518362	515972	518049	0.37	cps
Dysprosium	156-1	50	25	8	28	75.51	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	50	17	33	49.99	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	58	92	33	61	47.89	cps
Gadolinium	160-2	10	20	17	16	32.73	cps
Holmium	165-1	8967100	9191158	9338210	9165489	2.04	cps
Holmium	165-2	2417745	2427411	2437111	2427422	0.40	cps
Indium	115-1	7781476	8015821	7972058	7923118	1.57	cps
Indium	115-2	445350	443709	442034	443698	0.37	cps
Iron	56-2	4903935	4828195	4829549	4853893	0.89	cps
Iron	57-2	123155	123021	122086	122754	0.47	cps
Lead	206-1	730208	735702	732677	732862	0.38	cps
Lead	207-1	662050	664087	669311	665149	0.56	cps
Lead	208-1	2982326	2988676	2992437	2987813	0.17	cps
Lithium	6-1	813408	819495	823628	818844	0.63	cps
Magnesium	24-2	474251	470100	466947	470433	0.78	cps
Manganese	55-2	82586	82069	82666	82441	0.39	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:03:34	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1050638	1050811	1048165	1049872	0.14	cps
Molybdenum	95-1	557860	561534	558819	559405	0.34	cps
Molybdenum	96-1	724640	716017	716383	719013	0.68	cps
Molybdenum	97-1	351051	344143	348607	347933	1.01	cps
Molybdenum	98-1	897884	896583	899402	897956	0.16	cps
Neodymium	150-1	60	33	73	56	36.67	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	87000	87851	87761	87537	0.53	cps
Phosphorus	31-2	1584	1617	1417	1539	6.96	cps
Potassium	39-2	153848	153344	155264	154152	0.65	cps
Rhodium	103-1	7047543	7338594	7255024	7213720	2.08	cps
Rhodium	103-2	2255763	2209713	2226733	2230736	1.04	cps
Scandium	45-1	4061551	4121607	4179064	4120741	1.43	cps
Scandium	45-2	43969	42615	43765	43449	1.68	cps
Selenium	77-2	153	157	140	150	5.88	cps
Selenium	78-2	463	413	465	447	6.58	cps
Selenium	82-1	17773	17643	17797	17738	0.47	cps
Silicon	28-1	959636	963210	963863	962236	0.24	cps
Silver	109-1	1375682	1378066	1363016	1372254	0.59	cps
Silver	107-1	1426288	1433998	1427444	1429243	0.29	cps
Sodium	23-2	1162077	1136333	1144300	1147570	1.15	cps
Strontium	86-1	371547	369272	368380	369733	0.44	cps
Strontium	88-1	3259324	3214354	3184794	3219491	1.17	cps
Sulfur	34-1	417436	414522	416941	416299	0.37	cps
Terbium	159-1	9386680	9692225	9748026	9608977	2.02	cps
Terbium	159-2	2391283	2313097	2353856	2352745	1.66	cps
Thallium	203-1	920983	915843	917305	918044	0.29	cps
Thallium	205-1	2257706	2218957	2225913	2234192	0.92	cps
Tin	118-1	941509	943461	940873	941947	0.14	cps
Titanium	47-1	136217	135543	133968	135242	0.85	cps
Uranium	238-1	2772505	2753561	2754963	2760343	0.38	cps
Vanadium	51-2	105319	104016	105886	105074	0.91	cps
Yttrium	89-1	8106458	8400657	8317343	8274819	1.83	cps
Yttrium	89-2	326059	323731	323588	324460	0.43	cps
Zinc	66-2	48271	47652	48689	48204	1.08	cps
Zirconium	90-1	2050521	2038310	1986244	2025025	1.69	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:03:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	446429	445040	438254	443241	0.99	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 14:06:58 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36832	36782	37568	37060	1.19	cps
Antimony	121-1	2765279	2706768	2763134	2745060	1.21	cps
Arsenic	75-2	34445	34480	34656	34527	0.33	cps
Barium	135-1	2782927	2766712	2770938	2773526	0.30	cps
Barium	137-1	4805844	4785987	4803496	4798443	0.23	cps
Beryllium	9-1	251034	252430	252923	252129	0.39	cps
Bismuth	209-1	5607251	5674890	5630898	5637680	0.61	cps
Bismuth	209-2	1828239	1831319	1801122	1820227	0.91	cps
Boron	10-1	29398	29682	30316	29799	1.58	cps
Boron	11-1	137048	139363	140044	138818	1.13	cps
Cadmium	111-1	585061	587056	580906	584341	0.54	cps
Cadmium	106-1	62177	61265	60663	61368	1.24	cps
Cadmium	108-1	40670	41080	40925	40891	0.51	cps
Calcium	43-1	516612	510122	513281	513338	0.63	cps
Calcium	44-1	8465439	8415627	8338170	8406412	0.76	cps
Chromium	52-2	274751	276626	273906	275094	0.51	cps
Cobalt	59-2	580135	577343	572372	576617	0.68	cps
Copper	63-2	1009689	1007866	1010897	1009484	0.15	cps
Dysprosium	156-1	83	133	42	86	53.30	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	92	83	108	94	13.48	cps
Gadolinium	160-2	13	10	30	18	60.28	cps
Holmium	165-1	9447798	9340220	9378902	9388973	0.58	cps
Holmium	165-2	2406603	2393489	2377394	2392495	0.61	cps
Indium	115-1	7987190	7926130	7980895	7964738	0.42	cps
Indium	115-2	431543	431539	423808	428963	1.04	cps
Iron	56-2	9443897	9474465	9440415	9452926	0.20	cps
Iron	57-2	239337	237100	236965	237801	0.56	cps
Lead	206-1	1476397	1473776	1480384	1476852	0.23	cps
Lead	207-1	1327735	1331708	1330472	1329972	0.15	cps
Lead	208-1	6103027	6059984	6099414	6087475	0.39	cps
Lithium	6-1	816478	817619	817765	817287	0.09	cps
Magnesium	24-2	916319	917002	921042	918121	0.28	cps
Manganese	55-2	161710	159457	160044	160404	0.73	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:06:58	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2120701	2095462	2084404	2100189	0.89	cps
Molybdenum	95-1	1113252	1098950	1108190	1106798	0.66	cps
Molybdenum	96-1	1452442	1432627	1442917	1442662	0.69	cps
Molybdenum	97-1	690886	694011	686927	690608	0.51	cps
Molybdenum	98-1	1821075	1799304	1776789	1799056	1.23	cps
Neodymium	150-1	107	73	133	104	28.78	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	169703	170711	171265	170560	0.46	cps
Phosphorus	31-2	2875	3184	2959	3006	5.31	cps
Potassium	39-2	292697	296477	296681	295285	0.76	cps
Rhodium	103-1	7314004	7260830	7185245	7253360	0.89	cps
Rhodium	103-2	2202432	2187892	2165557	2185294	0.85	cps
Scandium	45-1	4140907	4163344	4115691	4139981	0.58	cps
Scandium	45-2	42578	43263	42220	42687	1.24	cps
Selenium	77-2	223	227	263	238	9.33	cps
Selenium	78-2	933	952	820	902	7.89	cps
Selenium	82-1	34813	35211	34923	34983	0.59	cps
Silicon	28-1	1397574	1400791	1403154	1400506	0.20	cps
Silver	109-1	2795837	2766943	2771892	2778224	0.56	cps
Silver	107-1	2904030	2831617	2865013	2866887	1.26	cps
Sodium	23-2	2217903	2225123	2225290	2222772	0.19	cps
Strontium	86-1	730771	722772	719318	724287	0.81	cps
Strontium	88-1	6218429	6272669	6226849	6239316	0.47	cps
Sulfur	34-1	480614	478217	476239	478357	0.46	cps
Terbium	159-1	9847118	9788965	9756318	9797467	0.47	cps
Terbium	159-2	2315988	2340884	2282869	2313247	1.26	cps
Thallium	203-1	1861225	1852055	1851247	1854842	0.30	cps
Thallium	205-1	4431578	4448876	4456471	4445642	0.29	cps
Tin	118-1	1883788	1921021	1878283	1894364	1.23	cps
Titanium	47-1	268756	270769	267911	269145	0.55	cps
Uranium	238-1	5504879	5617349	5562937	5561721	1.01	cps
Vanadium	51-2	203248	204043	203018	203436	0.26	cps
Yttrium	89-1	8355108	8264489	8321137	8313578	0.55	cps
Yttrium	89-2	318158	315146	314005	315770	0.68	cps
Zinc	66-2	92768	94573	92650	93330	1.15	cps
Zirconium	90-1	3956459	3993466	3997043	3982323	0.56	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:06:58	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	879323	876395	877824	877847	0.17	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:10:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71648	72553	71238	71813	0.94	cps
Antimony	121-1	5333328	5420448	5386523	5380100	0.82	cps
Arsenic	75-2	64388	64660	65048	64699	0.51	cps
Barium	135-1	5532313	5519752	5518426	5523497	0.14	cps
Barium	137-1	9474824	9661519	9497743	9544695	1.07	cps
Beryllium	9-1	494209	495776	500421	496802	0.65	cps
Bismuth	209-1	5616912	5822766	5431670	5623783	3.48	cps
Bismuth	209-2	1700093	1721308	1759721	1727040	1.75	cps
Boron	10-1	57985	60445	59683	59371	2.12	cps
Boron	11-1	274176	277822	283059	278352	1.60	cps
Cadmium	111-1	1146049	1151855	1150038	1149314	0.26	cps
Cadmium	106-1	117063	117668	118315	117682	0.53	cps
Cadmium	108-1	80363	80707	79684	80251	0.65	cps
Calcium	43-1	1001101	994737	988515	994785	0.63	cps
Calcium	44-1	16437646	16379968	16192660	16336758	0.78	cps
Chromium	52-2	514640	516584	519885	517036	0.51	cps
Cobalt	59-2	1090026	1087212	1095167	1090802	0.37	cps
Copper	63-2	1906685	1890740	1923720	1907049	0.86	cps
Dysprosium	156-1	67	100	117	94	26.96	cps
Dysprosium	156-2	10	20	27	19	44.42	cps
Erbium	164-1	42	58	67	56	22.91	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	50	50	100	67	43.30	cps
Gadolinium	160-2	30	33	23	29	17.63	cps
Holmium	165-1	9452556	9541971	8867397	9287308	3.95	cps
Holmium	165-2	2280153	2326036	2304113	2303434	1.00	cps
Indium	115-1	7761871	7809928	7295738	7622512	3.73	cps
Indium	115-2	399495	399968	404299	401254	0.66	cps
Iron	56-2	17873703	17653348	17856953	17794668	0.69	cps
Iron	57-2	446573	447000	451647	448407	0.63	cps
Lead	206-1	3027137	3127589	3111316	3088681	1.75	cps
Lead	207-1	2813556	2869596	2893224	2858792	1.43	cps
Lead	208-1	12430943	12723248	12685360	12613184	1.26	cps
Lithium	6-1	796218	802232	754907	784452	3.28	cps
Magnesium	24-2	1807802	1798722	1790938	1799154	0.47	cps
Manganese	55-2	297799	297371	300212	298461	0.51	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:10:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4070208	4129667	4128949	4109608	0.83	cps
Molybdenum	95-1	2253006	2243368	2238304	2244893	0.33	cps
Molybdenum	96-1	2873953	2864859	2872776	2870529	0.17	cps
Molybdenum	97-1	1356575	1361893	1355643	1358037	0.25	cps
Molybdenum	98-1	3549752	3579186	3524681	3551207	0.77	cps
Neodymium	150-1	167	160	213	180	16.14	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	319546	319683	322078	320436	0.44	cps
Phosphorus	31-2	5085	5893	5393	5457	7.48	cps
Potassium	39-2	548125	550287	556999	551803	0.84	cps
Rhodium	103-1	7005700	6995975	6648247	6883307	2.96	cps
Rhodium	103-2	2052974	2065545	2069905	2062808	0.43	cps
Scandium	45-1	3991495	4019260	3794098	3934951	3.12	cps
Scandium	45-2	40876	40465	41080	40807	0.77	cps
Selenium	77-2	450	443	497	463	6.27	cps
Selenium	78-2	1722	1632	1593	1649	4.03	cps
Selenium	82-1	67989	68230	67496	67905	0.55	cps
Silicon	28-1	2337838	2404488	2380018	2374115	1.42	cps
Silver	109-1	5400339	5382497	5334208	5372348	0.64	cps
Silver	107-1	5585267	5588563	5577728	5583853	0.10	cps
Sodium	23-2	4243756	4254546	4269190	4255831	0.30	cps
Strontium	86-1	1410074	1434666	1422170	1422303	0.86	cps
Strontium	88-1	12157550	12164030	12164180	12161920	0.03	cps
Sulfur	34-1	606977	601946	604275	604400	0.42	cps
Terbium	159-1	9920506	9970179	9345983	9745556	3.56	cps
Terbium	159-2	2220805	2223704	2256852	2233787	0.90	cps
Thallium	203-1	3780231	3891763	3846644	3839546	1.46	cps
Thallium	205-1	8821394	9017693	9036358	8958482	1.33	cps
Tin	118-1	3719557	3784901	3737699	3747386	0.90	cps
Titanium	47-1	523412	519366	517954	520244	0.54	cps
Uranium	238-1	11284601	11656235	11508481	11483106	1.63	cps
Vanadium	51-2	384108	384968	388284	385787	0.57	cps
Yttrium	89-1	8014222	8032222	7538267	7861570	3.56	cps
Yttrium	89-2	294856	298299	297599	296918	0.61	cps
Zinc	66-2	172987	173483	174613	173694	0.48	cps
Zirconium	90-1	7775607	7745344	7771214	7764055	0.21	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:10:14	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1738599	1734782	1741011	1738131	0.18	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 14:13:26 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143704	143603	140506	142604	1.27	cps
Antimony	121-1	10312416	10333131	10458878	10368142	0.76	cps
Arsenic	75-2	126181	125661	125001	125614	0.47	cps
Barium	135-1	10644892	10643265	10673486	10653881	0.16	cps
Barium	137-1	18518430	18629649	18729668	18625916	0.57	cps
Beryllium	9-1	957718	967365	982743	969275	1.30	cps
Bismuth	209-1	5810267	5856075	5927503	5864615	1.01	cps
Bismuth	209-2	1691423	1686802	1682556	1686927	0.26	cps
Boron	10-1	118192	117570	119443	118402	0.81	cps
Boron	11-1	537962	545642	551217	544941	1.22	cps
Cadmium	111-1	2198472	2223164	2221186	2214274	0.62	cps
Cadmium	106-1	222826	223952	224746	223841	0.43	cps
Cadmium	108-1	153545	154118	153861	153841	0.19	cps
Calcium	43-1	1945151	1949976	1944624	1946583	0.15	cps
Calcium	44-1	30993292	31040990	31231995	31088759	0.41	cps
Chromium	52-2	1010964	1012894	1004813	1009557	0.42	cps
Cobalt	59-2	2169939	2138031	2131199	2146390	0.96	cps
Copper	63-2	3697338	3653845	3648200	3666461	0.73	cps
Dysprosium	156-1	167	200	125	164	22.93	cps
Dysprosium	156-2	17	53	10	27	87.49	cps
Erbium	164-1	33	83	67	61	41.67	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	142	250	175	189	29.38	cps
Gadolinium	160-2	53	33	57	48	26.42	cps
Holmium	165-1	9642702	9540653	9701545	9628300	0.85	cps
Holmium	165-2	2284054	2250601	2255242	2263299	0.80	cps
Indium	115-1	7481962	7471897	7575064	7509641	0.76	cps
Indium	115-2	382475	378153	376311	378980	0.83	cps
Iron	56-2	34527320	34635331	34612423	34591692	0.16	cps
Iron	57-2	877025	870356	875735	874372	0.40	cps
Lead	206-1	6144792	6105577	6185096	6145155	0.65	cps
Lead	207-1	5630261	5683729	5652290	5655426	0.48	cps
Lead	208-1	25103614	25329617	25226319	25219850	0.45	cps
Lithium	6-1	780538	785585	787817	784647	0.48	cps
Magnesium	24-2	3572177	3535862	3522617	3543552	0.72	cps
Manganese	55-2	581107	577740	576645	578497	0.40	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:13:26	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7790479	7886642	7916070	7864397	0.84	cps
Molybdenum	95-1	4293524	4295412	4324630	4304522	0.41	cps
Molybdenum	96-1	5506963	5493238	5541564	5513921	0.45	cps
Molybdenum	97-1	2674249	2659387	2685375	2673004	0.49	cps
Molybdenum	98-1	6795525	6729750	6848296	6791190	0.87	cps
Neodymium	150-1	413	460	367	413	11.29	cps
Neodymium	150-2	7	20	7	11	69.25	cps
Nickel	60-2	623475	620287	615153	619639	0.68	cps
Phosphorus	31-2	11080	11138	11205	11141	0.56	cps
Potassium	39-2	1070589	1067449	1067705	1068581	0.16	cps
Rhodium	103-1	6729003	6746859	6868947	6781603	1.12	cps
Rhodium	103-2	2014218	1997051	1983883	1998384	0.76	cps
Scandium	45-1	3831300	3899898	3892558	3874585	0.97	cps
Scandium	45-2	39786	40285	40325	40132	0.75	cps
Selenium	77-2	893	910	973	926	4.56	cps
Selenium	78-2	3136	3213	3154	3168	1.28	cps
Selenium	82-1	127724	128086	128541	128117	0.32	cps
Silicon	28-1	3557497	3558267	3612693	3576152	0.88	cps
Silver	109-1	10203649	10189425	10127866	10173646	0.40	cps
Silver	107-1	10631034	10670194	10585955	10629061	0.40	cps
Sodium	23-2	8429091	8461273	8430251	8440205	0.22	cps
Strontium	86-1	2705115	2717216	2744396	2722242	0.74	cps
Strontium	88-1	23260605	23455833	23574033	23430157	0.68	cps
Sulfur	34-1	850519	852182	849315	850672	0.17	cps
Terbium	159-1	9916399	9929847	10028894	9958380	0.62	cps
Terbium	159-2	2218404	2173740	2159505	2183883	1.41	cps
Thallium	203-1	7653149	7659712	7660354	7657739	0.05	cps
Thallium	205-1	18179167	18186595	18371992	18245918	0.60	cps
Tin	118-1	7172529	7150701	7158643	7160624	0.15	cps
Titanium	47-1	994468	1001848	995739	997352	0.40	cps
Uranium	238-1	23625698	23994246	24057581	23892508	0.98	cps
Vanadium	51-2	760321	758989	750975	756762	0.67	cps
Yttrium	89-1	7879398	7801966	7857270	7846211	0.51	cps
Yttrium	89-2	290420	285082	286947	287483	0.94	cps
Zinc	66-2	333938	332624	333645	333402	0.21	cps
Zirconium	90-1	14985863	14920320	15145773	15017319	0.77	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:13:26	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3353276	3331744	3357029	3347350	0.41	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:16:36	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	737756	736509	735283	736516	0.17	cps
Antimony	121-1	22720	22620	22737	22692	0.28	cps
Arsenic	75-2	44	46	37	43	11.50	cps
Barium	135-1	3442	3567	3442	3484	2.07	cps
Barium	137-1	6002	6252	6318	6191	2.70	cps
Beryllium	9-1	394	333	289	339	15.64	cps
Bismuth	209-1	5530645	5663755	5633895	5609431	1.25	cps
Bismuth	209-2	1593880	1667256	1681983	1647706	2.86	cps
Boron	10-1	3892	4026	3609	3842	5.54	cps
Boron	11-1	18371	18087	16644	17701	5.23	cps
Cadmium	111-1	1639	1611	1729	1660	3.71	cps
Cadmium	106-1	1892	1850	1967	1903	3.11	cps
Cadmium	108-1	21	25	21	22	10.84	cps
Calcium	43-1	9476523	9673629	9791011	9647054	1.65	cps
Calcium	44-1	155628058	159265387	160160204	158351216	1.52	cps
Chromium	52-2	4357	4427	4494	4426	1.54	cps
Cobalt	59-2	2784	2367	2490	2547	8.41	cps
Copper	63-2	5631	5798	5328	5586	4.27	cps
Dysprosium	156-1	50	83	108	81	36.33	cps
Dysprosium	156-2	3	20	13	12	68.66	cps
Erbium	164-1	67	83	50	67	25.00	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	67	125	92	94	30.99	cps
Gadolinium	160-2	33	53	33	40	28.87	cps
Holmium	165-1	9509411	9648052	9686946	9614803	0.97	cps
Holmium	165-2	2285852	2413500	2405544	2368299	3.02	cps
Indium	115-1	7350825	7477449	7534078	7454117	1.26	cps
Indium	115-2	387700	407587	413143	402810	3.32	cps
Iron	56-2	173914921	172794726	174419182	173709609	0.48	cps
Iron	57-2	4328659	4331093	4340963	4333571	0.15	cps
Lead	206-1	11739	11556	11567	11620	0.89	cps
Lead	207-1	9676	9610	9949	9745	1.84	cps
Lead	208-1	45595	45244	46167	45669	1.02	cps
Lithium	6-1	753289	756929	764421	758213	0.75	cps
Magnesium	24-2	17460147	17423506	17401051	17428235	0.17	cps
Manganese	55-2	1530	1607	1467	1535	4.57	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:16:36	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3792	3751	3584	3709	2.97	cps
Molybdenum	95-1	4601	4393	4884	4626	5.34	cps
Molybdenum	96-1	7619	7377	7686	7561	2.15	cps
Molybdenum	97-1	2717	2592	2975	2762	7.08	cps
Molybdenum	98-1	7035	6635	6785	6819	2.96	cps
Neodymium	150-1	140	100	113	118	17.30	cps
Neodymium	150-2	17	23	13	18	28.64	cps
Nickel	60-2	1680	1620	1697	1666	2.42	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	5362417	5399077	5411351	5390948	0.47	cps
Rhodium	103-1	6532216	6689172	6630192	6617194	1.20	cps
Rhodium	103-2	1941410	2011411	2036748	1996523	2.47	cps
Scandium	45-1	3788054	3902540	3930152	3873582	1.95	cps
Scandium	45-2	39429	41114	40756	40433	2.19	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	15	7	86.64	cps
Selenium	82-1	48	-40	87	32	206.06	cps
Silicon	28-1	380935	385974	381789	382900	0.70	cps
Silver	109-1	942	925	1050	972	6.98	cps
Silver	107-1	1100	975	1183	1086	9.65	cps
Sodium	23-2	42023804	41621941	41857617	41834454	0.48	cps
Strontium	86-1	91623	96153	95440	94405	2.58	cps
Strontium	88-1	784080	803315	810364	799253	1.70	cps
Sulfur	34-1	310800	318198	320229	316409	1.57	cps
Terbium	159-1	9859759	10096762	10028077	9994866	1.22	cps
Terbium	159-2	2198967	2308106	2302395	2269823	2.71	cps
Thallium	203-1	2775	3017	2425	2739	10.86	cps
Thallium	205-1	6352	6102	5768	6074	4.82	cps
Tin	118-1	6227	6002	6002	6077	2.14	cps
Titanium	47-1	792	717	592	700	14.43	cps
Uranium	238-1	2034	1717	1734	1828	9.75	cps
Vanadium	51-2	173	230	247	217	17.74	cps
Yttrium	89-1	7660690	7793132	7908584	7787469	1.59	cps
Yttrium	89-2	289429	307760	306544	301245	3.40	cps
Zinc	66-2	1250	1153	1363	1256	8.37	cps
Zirconium	90-1	2809	3134	2975	2973	5.47	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:16:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	792	692	694	13.80	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:47:20	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3401	3492	3742	3545	4.99	cps
Antimony	121-1	2190578	2163638	2178417	2177545	0.62	cps
Arsenic	75-2	25153	25754	25871	25592	1.51	cps
Barium	135-1	222802	223751	222692	223081	0.26	cps
Barium	137-1	386856	389905	382357	386373	0.98	cps
Beryllium	9-1	101707	102590	101489	101929	0.57	cps
Bismuth	209-1	5813788	5995618	5982570	5930658	1.71	cps
Bismuth	209-2	1657258	1699487	1718528	1691758	1.85	cps
Boron	10-1	69586	68388	67509	68495	1.52	cps
Boron	11-1	322098	322966	323422	322829	0.21	cps
Cadmium	111-1	244674	245372	243650	244565	0.35	cps
Cadmium	106-1	37445	38765	38581	38264	1.87	cps
Cadmium	108-1	21313	21789	21467	21523	1.13	cps
Calcium	43-1	45976	46562	46511	46350	0.70	cps
Calcium	44-1	741234	747971	745444	744883	0.46	cps
Chromium	52-2	101495	103210	103586	102764	1.09	cps
Cobalt	59-2	217671	220540	223956	220722	1.43	cps
Copper	63-2	190118	192156	195211	192495	1.33	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	92	142	108	114	22.36	cps
Erbium	164-2	3	20	27	17	72.13	cps
Gadolinium	160-1	100	58	42	67	45.07	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	9445262	9600357	9915315	9653644	2.48	cps
Holmium	165-2	2200449	2270716	2289762	2253642	2.09	cps
Indium	115-1	7971752	8058568	8112010	8047443	0.88	cps
Indium	115-2	390477	403748	403413	399213	1.90	cps
Iron	56-2	700727	704944	715234	706969	1.06	cps
Iron	57-2	17606	18084	18502	18064	2.48	cps
Lead	206-1	1256734	1266391	1249549	1257558	0.67	cps
Lead	207-1	1092985	1103998	1096135	1097706	0.52	cps
Lead	208-1	5107202	5143558	5107295	5119352	0.41	cps
Lithium	6-1	823857	824257	837716	828610	0.95	cps
Magnesium	24-2	41378	42657	43894	42643	2.95	cps
Manganese	55-2	30086	30580	30216	30294	0.85	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:47:20	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4166702	4207065	4189823	4187863	0.48	cps
Molybdenum	95-1	2299332	2310487	2281673	2297164	0.63	cps
Molybdenum	96-1	2962836	2953516	2905631	2940661	1.04	cps
Molybdenum	97-1	1402153	1401173	1403176	1402167	0.07	cps
Molybdenum	98-1	3664209	3632391	3621378	3639326	0.61	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	65500	65362	65520	65461	0.13	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	47105	46118	47975	47066	1.97	cps
Rhodium	103-1	7289903	7448006	7507360	7415090	1.52	cps
Rhodium	103-2	2025589	2083312	2094449	2067783	1.79	cps
Scandium	45-1	4105811	4157002	4241123	4167979	1.64	cps
Scandium	45-2	40044	41431	40662	40712	1.71	cps
Selenium	77-2	167	207	250	208	20.06	cps
Selenium	78-2	689	720	691	700	2.52	cps
Selenium	82-1	27914	27717	27895	27842	0.39	cps
Silicon	28-1	2117229	2130649	2129328	2125736	0.35	cps
Silver	109-1	1084305	1091335	1085970	1087203	0.34	cps
Silver	107-1	1137672	1137514	1128069	1134418	0.48	cps
Sodium	23-2	168705	172526	173245	171492	1.42	cps
Strontium	86-1	1464325	1461412	1461755	1462498	0.11	cps
Strontium	88-1	12572758	12513768	12492388	12526305	0.33	cps
Sulfur	34-1	321675	317174	316146	318332	0.92	cps
Terbium	159-1	9896592	10033465	10166883	10032313	1.35	cps
Terbium	159-2	2115204	2200598	2227006	2180936	2.68	cps
Thallium	203-1	1578731	1573743	1579703	1577392	0.20	cps
Thallium	205-1	3825129	3841374	3820793	3829099	0.28	cps
Tin	118-1	3832415	3861722	3803784	3832640	0.76	cps
Titanium	47-1	531441	534502	537165	534369	0.54	cps
Uranium	238-1	12548051	12725708	12732814	12668858	0.83	cps
Vanadium	51-2	74973	76565	75938	75825	1.06	cps
Yttrium	89-1	8212312	8362235	8530845	8368464	1.90	cps
Yttrium	89-2	285857	295345	295503	292235	1.89	cps
Zinc	66-2	34837	35506	35562	35302	1.14	cps
Zirconium	90-1	7839356	7887106	7914165	7880209	0.48	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:47:20	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1765899	1773340	1764884	1768041	0.26	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 14:50:25 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	8	11	43.34	cps
Antimony	121-1	1400	1258	1142	1267	10.21	cps
Arsenic	75-2	0	6	4	3	91.69	cps
Barium	135-1	25	50	17	31	56.77	cps
Barium	137-1	67	50	67	61	15.75	cps
Beryllium	9-1	106	100	133	113	15.81	cps
Bismuth	209-1	5990793	5987455	5848400	5942216	1.37	cps
Bismuth	209-2	1900481	1677902	1850718	1809700	6.46	cps
Boron	10-1	1200	1242	1075	1172	7.40	cps
Boron	11-1	5768	5385	5168	5440	5.59	cps
Cadmium	111-1	1241	1124	1116	1160	6.02	cps
Cadmium	106-1	1775	1609	1592	1659	6.11	cps
Cadmium	108-1	21	8	4	11	78.05	cps
Calcium	43-1	1809	1700	1767	1759	3.11	cps
Calcium	44-1	30752	28714	30317	29927	3.59	cps
Chromium	52-2	753	737	770	753	2.21	cps
Cobalt	59-2	40	83	43	56	43.41	cps
Copper	63-2	563	483	417	488	15.05	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	67	42	39	75.26	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	17	3	17	12	63.01	cps
Holmium	165-1	9750837	9695558	9535493	9660629	1.16	cps
Holmium	165-2	2449065	2150580	2376973	2325539	6.70	cps
Indium	115-1	8335821	8121971	8145759	8201184	1.43	cps
Indium	115-2	439956	390197	435344	421832	6.52	cps
Iron	56-2	1995	1984	2028	2002	1.16	cps
Iron	57-2	50	67	28	48	40.52	cps
Lead	206-1	717	556	489	587	19.95	cps
Lead	207-1	622	567	483	557	12.54	cps
Lead	208-1	2728	2417	2217	2454	10.50	cps
Lithium	6-1	837377	834820	827566	833255	0.61	cps
Magnesium	24-2	108	208	233	183	36.08	cps
Manganese	55-2	43	53	40	46	15.23	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:50:25	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	467	408	464	11.69	cps
Molybdenum	95-1	192	267	208	222	17.72	cps
Molybdenum	96-1	333	367	325	342	6.45	cps
Molybdenum	97-1	308	167	233	236	30.02	cps
Molybdenum	98-1	475	400	375	417	12.49	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	150	143	151	5.55	cps
Phosphorus	31-2	25	0	25	17	86.60	cps
Potassium	39-2	3301	3567	3417	3428	3.90	cps
Rhodium	103-1	7520088	7419558	7431254	7456967	0.74	cps
Rhodium	103-2	2245052	2018844	2229829	2164575	5.84	cps
Scandium	45-1	4217314	4172227	4147804	4179115	0.84	cps
Scandium	45-2	42681	37605	42772	41019	7.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-1	23	-47	-9	-409.77	cps
Silicon	28-1	353317	349068	348449	350278	0.76	cps
Silver	109-1	125	67	133	108	33.53	cps
Silver	107-1	175	175	83	144	36.64	cps
Sodium	23-2	4459	4443	4559	4487	1.41	cps
Strontium	86-1	892	1042	817	917	12.50	cps
Strontium	88-1	242	175	167	194	21.14	cps
Sulfur	34-1	312909	312921	316156	313995	0.60	cps
Terbium	159-1	10351851	10085644	10017290	10151595	1.74	cps
Terbium	159-2	2357080	2111108	2307084	2258424	5.76	cps
Thallium	203-1	542	467	417	475	13.25	cps
Thallium	205-1	1242	833	1017	1031	19.85	cps
Tin	118-1	2859	2875	3009	2914	2.82	cps
Titanium	47-1	208	192	167	189	11.10	cps
Uranium	238-1	375	392	383	383	2.17	cps
Vanadium	51-2	20	10	7	12	56.76	cps
Yttrium	89-1	8497315	8344716	8252401	8364811	1.48	cps
Yttrium	89-2	316710	282767	314662	304713	6.25	cps
Zinc	66-2	57	30	47	44	30.31	cps
Zirconium	90-1	925	983	692	867	17.81	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:50:25	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	208	250	211	17.80	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:53:35	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	691290	687947	689296	689511	0.24	cps
Antimony	121-1	12848	12715	12340	12634	2.09	cps
Arsenic	75-2	50	48	54	51	5.58	cps
Barium	135-1	3326	3626	3101	3351	7.86	cps
Barium	137-1	5968	5826	5827	5874	1.39	cps
Beryllium	9-1	328	361	339	343	4.96	cps
Bismuth	209-1	5878199	5381014	5851981	5703731	4.91	cps
Bismuth	209-2	1750016	1760070	1756252	1755446	0.29	cps
Boron	10-1	1033	883	942	953	7.94	cps
Boron	11-1	4193	4301	4301	4265	1.47	cps
Cadmium	111-1	1504	1653	1848	1669	10.33	cps
Cadmium	106-1	1442	1517	1759	1572	10.53	cps
Cadmium	108-1	1025	1054	1113	1064	4.19	cps
Calcium	43-1	2030957	2034381	2021120	2028819	0.34	cps
Calcium	44-1	32537982	32662487	32622663	32607711	0.20	cps
Chromium	52-2	21734	22071	21280	21695	1.83	cps
Cobalt	59-2	2617	2507	2544	2556	2.19	cps
Copper	63-2	15222	15739	15322	15428	1.78	cps
Dysprosium	156-1	58	33	42	44	28.65	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	75	100	75	83	17.32	cps
Erbium	164-2	20	20	17	19	10.18	cps
Gadolinium	160-1	100	75	100	92	15.75	cps
Gadolinium	160-2	23	20	13	19	26.96	cps
Holmium	165-1	9824268	9134481	9989796	9649515	4.70	cps
Holmium	165-2	2370754	2391323	2357572	2373216	0.72	cps
Indium	115-1	8023262	7273707	7933914	7743628	5.29	cps
Indium	115-2	416750	415703	413680	415378	0.38	cps
Iron	56-2	71362160	70861009	71211125	71144765	0.36	cps
Iron	57-2	1807383	1809712	1815223	1810772	0.22	cps
Lead	206-1	28705	30242	28995	29314	2.79	cps
Lead	207-1	23778	23567	22899	23415	1.96	cps
Lead	208-1	109517	111323	109782	110207	0.88	cps
Lithium	6-1	829057	752764	823021	801614	5.29	cps
Magnesium	24-2	3610579	3576330	3583747	3590218	0.50	cps
Manganese	55-2	2524	2570	2207	2434	8.12	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:53:35	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4782455	4837586	4826602	4815548	0.61	cps
Molybdenum	95-1	8530128	8463344	8542657	8512043	0.50	cps
Molybdenum	96-1	9141341	9173726	9160746	9158604	0.18	cps
Molybdenum	97-1	5276131	5223306	5278003	5259147	0.59	cps
Molybdenum	98-1	13690553	13658233	13708384	13685723	0.19	cps
Neodymium	150-1	47	40	60	49	20.83	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	3487	3591	3731	3603	3.39	cps
Phosphorus	31-2	54875	54540	54221	54545	0.60	cps
Potassium	39-2	2253439	2233397	2213880	2233572	0.89	cps
Rhodium	103-1	7160227	6483942	7182639	6942270	5.72	cps
Rhodium	103-2	2132208	2145821	2107001	2128344	0.93	cps
Scandium	45-1	4121215	3745866	4096886	3987989	5.27	cps
Scandium	45-2	41709	41799	41832	41780	0.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	7	6	6	33.38	cps
Selenium	82-1	-63	78	-55	-13	-593.06	cps
Silicon	28-1	449141	440587	448955	446227	1.09	cps
Silver	109-1	1592	1600	1425	1539	6.42	cps
Silver	107-1	1700	1659	1575	1645	3.87	cps
Sodium	23-2	8629586	8617309	8590532	8612476	0.23	cps
Strontium	86-1	97220	96431	96103	96585	0.59	cps
Strontium	88-1	818002	817060	819200	818087	0.13	cps
Sulfur	34-1	2497605	2509170	2509285	2505353	0.27	cps
Terbium	159-1	10415965	9268377	10349168	10011170	6.43	cps
Terbium	159-2	2289459	2299013	2298270	2295581	0.23	cps
Thallium	203-1	667	850	525	681	23.94	cps
Thallium	205-1	1792	1825	2067	1895	7.92	cps
Tin	118-1	3242	3092	3009	3114	3.80	cps
Titanium	47-1	2063893	2053915	2052704	2056837	0.30	cps
Uranium	238-1	558	458	567	528	11.42	cps
Vanadium	51-2	183	157	153	164	10.00	cps
Yttrium	89-1	8372059	7582532	8223528	8059373	5.21	cps
Yttrium	89-2	307633	307099	306623	307119	0.16	cps
Zinc	66-2	2124	2060	2174	2119	2.68	cps
Zirconium	90-1	3834	2950	3134	3306	14.10	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:53:35	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	675	725	700	3.57	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:56:39	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	687623	697311	697280	694072	0.80	cps
Antimony	121-1	224073	224295	223948	224105	0.08	cps
Arsenic	75-2	2665	2585	2591	2614	1.70	cps
Barium	135-1	48540	46968	48942	48150	2.17	cps
Barium	137-1	84243	87196	85249	85562	1.75	cps
Beryllium	9-1	20320	20398	20721	20480	1.04	cps
Bismuth	209-1	5708345	5885630	5795355	5796443	1.53	cps
Bismuth	209-2	1780304	1778622	1701649	1753525	2.56	cps
Boron	10-1	8128	7410	7994	7844	4.86	cps
Boron	11-1	35177	35988	36339	35835	1.66	cps
Cadmium	111-1	48217	47809	47605	47877	0.65	cps
Cadmium	106-1	6827	7394	7119	7113	3.99	cps
Cadmium	108-1	4363	4768	4526	4552	4.47	cps
Calcium	43-1	2083617	2042807	2033285	2053236	1.30	cps
Calcium	44-1	33124565	32876241	33025403	33008737	0.38	cps
Chromium	52-2	42090	43090	43765	42982	1.96	cps
Cobalt	59-2	47003	48193	48083	47760	1.38	cps
Copper	63-2	54975	55400	54346	54907	0.97	cps
Dysprosium	156-1	58	42	42	47	20.38	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	67	50	33	50	33.34	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	75	67	42	61	28.38	cps
Gadolinium	160-2	13	33	17	21	50.75	cps
Holmium	165-1	9707834	9964931	9871394	9848053	1.32	cps
Holmium	165-2	2388949	2366552	2389377	2381626	0.55	cps
Indium	115-1	7815118	8014038	8046563	7958573	1.57	cps
Indium	115-2	412680	415987	412414	413694	0.48	cps
Iron	56-2	70918046	71270549	71622404	71270333	0.49	cps
Iron	57-2	1815861	1840542	1833832	1830078	0.70	cps
Lead	206-1	156423	159297	156480	157400	1.04	cps
Lead	207-1	130177	132659	131255	131364	0.95	cps
Lead	208-1	604042	608989	606208	606413	0.41	cps
Lithium	6-1	800821	820170	820575	813855	1.39	cps
Magnesium	24-2	3597054	3646231	3613337	3618874	0.69	cps
Manganese	55-2	8346	8463	8606	8472	1.54	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:56:39	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5268114	5272665	5320227	5287002	0.55	cps
Molybdenum	95-1	8777143	8842708	8788030	8802627	0.40	cps
Molybdenum	96-1	9499696	9538458	9489896	9509350	0.27	cps
Molybdenum	97-1	5456594	5536508	5448987	5480696	0.88	cps
Molybdenum	98-1	14183364	14096341	14149477	14143061	0.31	cps
Neodymium	150-1	73	27	40	47	51.51	cps
Neodymium	150-2	13	0	7	7	99.98	cps
Nickel	60-2	17221	17117	16760	17033	1.42	cps
Phosphorus	31-2	53578	54414	54557	54183	0.98	cps
Potassium	39-2	2237569	2267262	2258144	2254325	0.67	cps
Rhodium	103-1	7026371	7099809	7067588	7064589	0.52	cps
Rhodium	103-2	2165818	2116655	2122547	2135007	1.26	cps
Scandium	45-1	4031502	4124275	4120073	4091950	1.28	cps
Scandium	45-2	41806	42093	41779	41893	0.42	cps
Selenium	77-2	13	30	17	20	44.10	cps
Selenium	78-2	65	80	65	70	12.26	cps
Selenium	82-1	2857	2702	2570	2710	5.30	cps
Silicon	28-1	649072	649751	640576	646466	0.79	cps
Silver	109-1	206782	205775	204286	205614	0.61	cps
Silver	107-1	217181	215549	211263	214664	1.42	cps
Sodium	23-2	8682465	8635958	8630203	8649542	0.33	cps
Strontium	86-1	248915	245044	244518	246159	0.98	cps
Strontium	88-1	2162169	2135529	2134429	2144043	0.73	cps
Sulfur	34-1	2504423	2486410	2501317	2497383	0.39	cps
Terbium	159-1	10108576	10310149	10244213	10220980	1.01	cps
Terbium	159-2	2309404	2316292	2272659	2299452	1.02	cps
Thallium	203-1	158628	157674	157633	157978	0.36	cps
Thallium	205-1	373170	377607	376040	375606	0.60	cps
Tin	118-1	390340	393391	397391	393707	0.90	cps
Titanium	47-1	2125696	2109299	2161811	2132269	1.26	cps
Uranium	238-1	1235185	1235375	1228249	1232936	0.33	cps
Vanadium	51-2	15632	15802	15579	15671	0.75	cps
Yttrium	89-1	8151635	8223087	8323254	8232659	1.05	cps
Yttrium	89-2	309426	311410	308033	309623	0.55	cps
Zinc	66-2	6031	5498	5505	5678	5.39	cps
Zirconium	90-1	826680	825579	817985	823415	0.57	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:56:39	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	180531	180987	180971	180830	0.14	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:59:42	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	388558	383081	386053	385897	0.71	cps
Antimony	121-1	5237710	5416836	5446329	5366958	2.10	cps
Arsenic	75-2	66790	67586	67316	67231	0.60	cps
Barium	135-1	5405401	5620087	5630211	5551900	2.29	cps
Barium	137-1	9405851	9760250	9854566	9673556	2.45	cps
Beryllium	9-1	490261	509703	506885	502283	2.09	cps
Bismuth	209-1	5651865	5731151	5765361	5716125	1.02	cps
Bismuth	209-2	1708779	1693118	1704111	1702003	0.47	cps
Boron	10-1	58061	62847	62236	61048	4.27	cps
Boron	11-1	271025	290051	289068	283381	3.78	cps
Cadmium	111-1	1086561	1130956	1134377	1117298	2.39	cps
Cadmium	106-1	111929	117282	116240	115150	2.46	cps
Cadmium	108-1	76608	78699	78246	77851	1.41	cps
Calcium	43-1	4827164	5013966	5035517	4958883	2.31	cps
Calcium	44-1	78617964	81761985	81886796	80755582	2.29	cps
Chromium	52-2	542050	545420	547536	545002	0.51	cps
Cobalt	59-2	1121195	1126522	1123808	1123841	0.24	cps
Copper	63-2	1918543	1916061	1924748	1919784	0.23	cps
Dysprosium	156-1	142	158	125	142	11.76	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	58	83	33	58	42.86	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	167	167	225	186	18.10	cps
Gadolinium	160-2	37	30	50	39	26.18	cps
Holmium	165-1	9392406	9815444	9781019	9662956	2.43	cps
Holmium	165-2	2388633	2388194	2368724	2381850	0.48	cps
Indium	115-1	7451704	7741147	7696211	7629687	2.04	cps
Indium	115-2	406973	403099	406493	405522	0.52	cps
Iron	56-2	88941091	89080902	89429119	89150371	0.28	cps
Iron	57-2	2282501	2271999	2265377	2273292	0.38	cps
Lead	206-1	3092891	3192042	3168437	3151123	1.64	cps
Lead	207-1	2827641	2928437	2951488	2902522	2.27	cps
Lead	208-1	12590459	12992376	13069126	12883987	2.00	cps
Lithium	6-1	769579	797257	802195	789677	2.23	cps
Magnesium	24-2	9225971	9152337	9230864	9203057	0.48	cps
Manganese	55-2	312322	312943	312433	312566	0.11	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:59:42	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4043312	4198633	4226771	4156239	2.38	cps
Molybdenum	95-1	2210729	2311175	2284151	2268685	2.29	cps
Molybdenum	96-1	2837772	2954232	2930824	2907610	2.12	cps
Molybdenum	97-1	1326368	1420042	1390658	1379023	3.47	cps
Molybdenum	98-1	3462847	3651019	3651856	3588574	3.03	cps
Neodymium	150-1	227	240	213	227	5.88	cps
Neodymium	150-2	7	10	23	13	66.12	cps
Nickel	60-2	326682	327416	326276	326791	0.18	cps
Phosphorus	31-2	5676	6168	5718	5854	4.66	cps
Potassium	39-2	2900904	2913522	2886255	2900227	0.47	cps
Rhodium	103-1	6629567	6880017	6813949	6774511	1.92	cps
Rhodium	103-2	2066048	2042374	2052672	2053698	0.58	cps
Scandium	45-1	3873616	4046820	4009499	3976645	2.29	cps
Scandium	45-2	41602	41909	41812	41774	0.38	cps
Selenium	77-2	450	467	517	478	7.26	cps
Selenium	78-2	1869	1628	1663	1720	7.56	cps
Selenium	82-1	64760	66952	67429	66380	2.14	cps
Silicon	28-1	2138406	2225017	2228729	2197384	2.33	cps
Silver	109-1	5085786	5265126	5246840	5199251	1.90	cps
Silver	107-1	5292454	5495551	5440343	5409449	1.94	cps
Sodium	23-2	22337931	22164327	22241994	22248084	0.39	cps
Strontium	86-1	1435676	1489817	1485767	1470420	2.05	cps
Strontium	88-1	12184280	12677377	12878196	12579951	2.84	cps
Sulfur	34-1	560614	575031	577713	571120	1.61	cps
Terbium	159-1	9845439	10055138	10191460	10030679	1.74	cps
Terbium	159-2	2347562	2294221	2292737	2311507	1.35	cps
Thallium	203-1	3820309	3967021	3994842	3927391	2.39	cps
Thallium	205-1	9004683	9290531	9332221	9209145	1.94	cps
Tin	118-1	3634794	3768425	3781978	3728399	2.18	cps
Titanium	47-1	510312	527048	526564	521308	1.83	cps
Uranium	238-1	12028301	12317753	12405795	12250616	1.61	cps
Vanadium	51-2	409683	410445	410372	410167	0.10	cps
Yttrium	89-1	7865574	8083301	8124861	8024578	1.74	cps
Yttrium	89-2	307175	304878	303617	305223	0.59	cps
Zinc	66-2	176213	176726	175470	176136	0.36	cps
Zirconium	90-1	7655034	7899738	7965886	7840219	2.09	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 14:59:42	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1721406	1782209	1810609	1771408	2.57	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P8
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:17:30	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	17	11	86.60	cps
Antimony	121-1	500	508	558	522	6.04	cps
Arsenic	75-2	6	2	2	3	69.39	cps
Barium	135-1	42	25	42	36	26.65	cps
Barium	137-1	58	92	50	67	33.07	cps
Beryllium	9-1	100	100	78	93	13.86	cps
Bismuth	209-1	5189401	5745100	5661233	5531911	5.42	cps
Bismuth	209-2	1841470	1851299	1861874	1851548	0.55	cps
Boron	10-1	417	408	467	431	7.33	cps
Boron	11-1	2117	2000	2175	2097	4.25	cps
Cadmium	111-1	974	1118	1216	1103	11.01	cps
Cadmium	106-1	1400	1584	1717	1567	10.15	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	1842	1709	1892	1814	5.23	cps
Calcium	44-1	30852	31178	29733	30587	2.48	cps
Chromium	52-2	763	667	703	711	6.86	cps
Cobalt	59-2	67	37	63	56	29.59	cps
Copper	63-2	333	460	433	409	16.33	cps
Dysprosium	156-1	25	50	8	28	75.51	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	33	58	39	44.61	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	92	33	75	67	45.07	cps
Gadolinium	160-2	20	10	23	18	39.03	cps
Holmium	165-1	8460008	9253832	9245890	8986577	5.07	cps
Holmium	165-2	2408556	2387969	2388768	2395098	0.49	cps
Indium	115-1	7161225	8023752	7898984	7694654	6.06	cps
Indium	115-2	435718	440619	441038	439125	0.67	cps
Iron	56-2	2300	2250	2239	2263	1.44	cps
Iron	57-2	39	61	50	50	22.22	cps
Lead	206-1	561	572	444	526	13.46	cps
Lead	207-1	550	356	433	446	21.93	cps
Lead	208-1	2183	2195	2078	2152	2.99	cps
Lithium	6-1	728291	806453	800920	778555	5.60	cps
Magnesium	24-2	250	225	250	242	5.97	cps
Manganese	55-2	67	47	37	50	30.55	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P8
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:17:30	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	283	217	256	13.58	cps
Molybdenum	95-1	117	158	158	144	16.66	cps
Molybdenum	96-1	242	192	217	217	11.54	cps
Molybdenum	97-1	117	142	92	117	21.43	cps
Molybdenum	98-1	158	200	108	156	29.50	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	157	143	150	150	4.44	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	3267	3609	3551	3476	5.26	cps
Rhodium	103-1	6504603	7280782	7249698	7011694	6.27	cps
Rhodium	103-2	2249419	2245979	2253606	2249668	0.17	cps
Scandium	45-1	3640228	4092717	4005672	3912872	6.14	cps
Scandium	45-2	43354	42421	43180	42985	1.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	36	-108	-38	-37	-196.80	cps
Silicon	28-1	340145	344851	335780	340259	1.33	cps
Silver	109-1	133	142	133	136	3.53	cps
Silver	107-1	167	133	192	164	17.86	cps
Sodium	23-2	6110	5918	6060	6029	1.65	cps
Strontium	86-1	908	842	817	856	5.54	cps
Strontium	88-1	167	167	167	167	0.00	cps
Sulfur	34-1	300634	304966	302991	302864	0.72	cps
Terbium	159-1	8814818	9760237	9624699	9399918	5.44	cps
Terbium	159-2	2321336	2332175	2333157	2328890	0.28	cps
Thallium	203-1	133	217	192	181	23.68	cps
Thallium	205-1	300	342	375	339	11.09	cps
Tin	118-1	1483	1408	1133	1342	13.74	cps
Titanium	47-1	158	167	108	144	21.84	cps
Uranium	238-1	125	50	50	75	57.74	cps
Vanadium	51-2	3	13	20	12	68.66	cps
Yttrium	89-1	7280813	8174400	8098517	7851244	6.31	cps
Yttrium	89-2	315167	317457	320024	317550	0.77	cps
Zinc	66-2	30	47	40	39	21.57	cps
Zirconium	90-1	683	667	708	686	3.06	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P8
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:17:30	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	142	100	119	17.56	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:20:40	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	58	142	117	43.45	cps
Antimony	121-1	20049	20008	19899	19985	0.39	cps
Arsenic	75-2	146	130	111	129	13.64	cps
Barium	135-1	19774	20475	19724	19991	2.10	cps
Barium	137-1	35942	34989	34145	35025	2.57	cps
Beryllium	9-1	928	961	1083	991	8.27	cps
Bismuth	209-1	5815481	5804528	5635162	5751724	1.76	cps
Bismuth	209-2	1866710	1768422	1850989	1828707	2.89	cps
Boron	10-1	2867	3059	3125	3017	4.45	cps
Boron	11-1	14208	14683	15517	14803	4.48	cps
Cadmium	111-1	3235	3382	3262	3293	2.38	cps
Cadmium	106-1	1784	1942	1867	1864	4.25	cps
Cadmium	108-1	175	171	154	167	6.61	cps
Calcium	43-1	11797	10846	11172	11272	4.29	cps
Calcium	44-1	183072	181129	185205	183135	1.11	cps
Chromium	52-2	3080	2937	2870	2963	3.62	cps
Cobalt	59-2	2170	2247	2147	2188	2.39	cps
Copper	63-2	4628	4531	4621	4593	1.18	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	75	42	56	31.22	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	58	92	75	75	22.22	cps
Gadolinium	160-2	20	23	10	18	39.03	cps
Holmium	165-1	9583970	9589477	9154643	9442697	2.64	cps
Holmium	165-2	2452974	2360151	2421715	2411613	1.96	cps
Indium	115-1	8172598	8156631	7895926	8075052	1.92	cps
Indium	115-2	445309	428140	442594	438681	2.10	cps
Iron	56-2	37284	36771	37133	37063	0.71	cps
Iron	57-2	972	889	917	926	4.58	cps
Lead	206-1	7336	7380	7564	7426	1.63	cps
Lead	207-1	6441	6746	6708	6632	2.51	cps
Lead	208-1	29731	29509	29525	29588	0.42	cps
Lithium	6-1	822408	824229	807823	818153	1.10	cps
Magnesium	24-2	17119	17253	16936	17103	0.93	cps
Manganese	55-2	357	393	377	376	4.89	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:20:40	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15952	16369	17070	16463	3.43	cps
Molybdenum	95-1	20016	20040	20575	20210	1.56	cps
Molybdenum	96-1	22570	22862	22261	22564	1.33	cps
Molybdenum	97-1	12523	13532	12289	12782	5.17	cps
Molybdenum	98-1	31655	33058	31621	32111	2.55	cps
Neodymium	150-1	20	20	40	27	43.30	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	820	740	790	783	5.16	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	14366	14958	14733	14686	2.03	cps
Rhodium	103-1	7478507	7529762	7252898	7420389	1.99	cps
Rhodium	103-2	2257351	2203571	2283589	2248170	1.81	cps
Scandium	45-1	4186795	4192950	4008724	4129490	2.53	cps
Scandium	45-2	43644	41970	43133	42916	2.00	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	26	39	19	28	37.11	cps
Selenium	82-1	610	606	663	626	5.08	cps
Silicon	28-1	375023	381811	379168	378667	0.90	cps
Silver	109-1	14258	13491	14233	13994	3.12	cps
Silver	107-1	13924	13908	14475	14102	2.29	cps
Sodium	23-2	46669	47463	46695	46942	0.96	cps
Strontium	86-1	3884	3317	3734	3645	8.06	cps
Strontium	88-1	23696	23429	24047	23724	1.31	cps
Sulfur	34-1	314323	307469	313233	311675	1.18	cps
Terbium	159-1	10001690	9961799	9679009	9880833	1.78	cps
Terbium	159-2	2372019	2250798	2320293	2314370	2.63	cps
Thallium	203-1	7036	7486	7102	7208	3.37	cps
Thallium	205-1	17162	16311	17296	16923	3.16	cps
Tin	118-1	35147	36192	35682	35673	1.46	cps
Titanium	47-1	5076	5118	5118	5104	0.47	cps
Uranium	238-1	20877	20426	20075	20459	1.96	cps
Vanadium	51-2	3677	3681	3891	3749	3.26	cps
Yttrium	89-1	8368637	8334372	8181841	8294950	1.20	cps
Yttrium	89-2	322246	312249	319251	317915	1.61	cps
Zinc	66-2	447	430	483	453	6.02	cps
Zirconium	90-1	14366	14617	14809	14597	1.52	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:20:40	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3117	3017	2942	3025	2.90	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:26:59	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	175	142	147	17.29	cps
Antimony	121-1	2725	3034	3109	2956	6.87	cps
Arsenic	75-2	48	35	57	47	23.79	cps
Barium	135-1	2709	3025	3059	2931	6.59	cps
Barium	137-1	5018	5043	5168	5076	1.58	cps
Beryllium	9-1	350	356	306	337	8.13	cps
Bismuth	209-1	5607446	5796074	5730396	5711305	1.68	cps
Bismuth	209-2	1877752	1818314	1841672	1845913	1.62	cps
Boron	10-1	433	442	542	472	12.77	cps
Boron	11-1	1792	2175	2075	2014	9.87	cps
Cadmium	111-1	1730	1724	1706	1720	0.72	cps
Cadmium	106-1	1634	1759	1659	1684	3.93	cps
Cadmium	108-1	38	33	67	46	39.63	cps
Calcium	43-1	2167	2334	2250	2250	3.70	cps
Calcium	44-1	38922	39532	38053	38835	1.91	cps
Chromium	52-2	953	970	1060	994	5.77	cps
Cobalt	59-2	670	670	640	660	2.62	cps
Copper	63-2	1627	1603	1670	1633	2.07	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	142	83	83	103	32.76	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	9291888	9476471	9456689	9408349	1.08	cps
Holmium	165-2	2446057	2395663	2386290	2409337	1.33	cps
Indium	115-1	8003159	8109518	8019898	8044192	0.71	cps
Indium	115-2	443459	439558	439713	440910	0.50	cps
Iron	56-2	12339	12122	11911	12124	1.77	cps
Iron	57-2	328	372	317	339	8.68	cps
Lead	206-1	2122	2211	2017	2117	4.60	cps
Lead	207-1	1722	1917	1900	1846	5.84	cps
Lead	208-1	8274	8863	8240	8459	4.14	cps
Lithium	6-1	799847	817142	814683	810557	1.15	cps
Magnesium	24-2	1158	1233	1317	1236	6.41	cps
Manganese	55-2	203	233	233	223	7.76	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:26:59	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2417	2400	2409	2409	0.35	cps
Molybdenum	95-1	1300	1083	1308	1231	10.37	cps
Molybdenum	96-1	1692	1684	1692	1689	0.28	cps
Molybdenum	97-1	800	942	850	864	8.32	cps
Molybdenum	98-1	1875	2142	1942	1986	6.99	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	323	303	357	328	8.22	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	3767	3601	3976	3781	4.97	cps
Rhodium	103-1	7262550	7412908	7349633	7341697	1.03	cps
Rhodium	103-2	2271901	2249250	2252767	2257973	0.54	cps
Scandium	45-1	4114796	4176225	4090629	4127217	1.07	cps
Scandium	45-2	42578	43110	42414	42701	0.85	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	13	9	9	39.96	cps
Selenium	82-1	251	349	153	251	39.10	cps
Silicon	28-1	341804	340929	342818	341851	0.28	cps
Silver	109-1	2859	3092	2725	2892	6.42	cps
Silver	107-1	3075	2900	3276	3084	6.09	cps
Sodium	23-2	7336	7794	7419	7516	3.25	cps
Strontium	86-1	1684	1884	1775	1781	5.62	cps
Strontium	88-1	6652	6677	7136	6821	3.99	cps
Sulfur	34-1	314812	315320	312484	314206	0.48	cps
Terbium	159-1	9784681	9972740	9889581	9882334	0.95	cps
Terbium	159-2	2387608	2330818	2316088	2344838	1.61	cps
Thallium	203-1	1975	2350	1875	2067	12.12	cps
Thallium	205-1	4768	5293	5051	5037	5.22	cps
Tin	118-1	3259	3317	3326	3301	1.10	cps
Titanium	47-1	333	467	375	392	17.42	cps
Uranium	238-1	6193	5910	5927	6010	2.65	cps
Vanadium	51-2	247	180	267	231	19.64	cps
Yttrium	89-1	8122753	8323019	8304774	8250182	1.34	cps
Yttrium	89-2	321485	316827	318459	318924	0.74	cps
Zinc	66-2	283	163	180	209	31.12	cps
Zirconium	90-1	4634	4318	4409	4454	3.66	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:26:59	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	958	917	908	928	2.89	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-2 Instrumnet Name : P8
 Client Sample ID : IDL-2 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 15:30:08 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	150	167	144	17.63	cps
Antimony	121-1	2909	3009	2984	2967	1.75	cps
Arsenic	75-2	33	31	43	36	16.63	cps
Barium	135-1	2934	2517	2725	2725	7.65	cps
Barium	137-1	4476	4651	4743	4623	2.93	cps
Beryllium	9-1	278	339	300	306	10.12	cps
Bismuth	209-1	5627596	5744284	5698927	5690269	1.03	cps
Bismuth	209-2	1749349	1834874	1840101	1808108	2.82	cps
Boron	10-1	333	492	475	433	20.08	cps
Boron	11-1	1859	1475	1800	1711	12.07	cps
Cadmium	111-1	1654	1915	1689	1753	8.08	cps
Cadmium	106-1	1675	1900	1617	1731	8.65	cps
Cadmium	108-1	50	33	67	50	33.34	cps
Calcium	43-1	2109	2234	2209	2184	3.03	cps
Calcium	44-1	37292	38061	38462	37939	1.57	cps
Chromium	52-2	1110	1050	1013	1058	4.61	cps
Cobalt	59-2	637	600	583	607	4.50	cps
Copper	63-2	1323	1400	1480	1401	5.59	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	8	50	39	68.89	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	83	42	50	58	37.80	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	9204986	9460822	9329843	9331884	1.37	cps
Holmium	165-2	2338690	2374060	2402601	2371784	1.35	cps
Indium	115-1	7971754	8166869	8104503	8081042	1.23	cps
Indium	115-2	424615	441040	439320	434992	2.08	cps
Iron	56-2	11588	11872	11405	11622	2.03	cps
Iron	57-2	289	239	328	285	15.62	cps
Lead	206-1	2000	2034	2034	2022	0.95	cps
Lead	207-1	1722	2011	1650	1795	10.65	cps
Lead	208-1	8062	8290	7712	8022	3.63	cps
Lithium	6-1	801208	814398	806289	807299	0.82	cps
Magnesium	24-2	1167	1058	967	1064	9.41	cps
Manganese	55-2	203	257	253	238	12.56	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-2	Instrumnet Name :	P8
Client Sample ID :	IDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:30:08	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2242	2192	2250	2228	1.42	cps
Molybdenum	95-1	1175	1258	1092	1175	7.09	cps
Molybdenum	96-1	1592	1642	1392	1542	8.58	cps
Molybdenum	97-1	667	800	700	722	9.61	cps
Molybdenum	98-1	1692	1767	1650	1703	3.47	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	337	380	260	326	18.66	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3651	3717	3901	3756	3.45	cps
Rhodium	103-1	7330651	7483739	7293948	7369446	1.37	cps
Rhodium	103-2	2188349	2253611	2246970	2229643	1.61	cps
Scandium	45-1	4121590	4173207	4117677	4137492	0.75	cps
Scandium	45-2	40866	42695	43718	42426	3.41	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	15	17	11	14	19.94	cps
Selenium	82-1	255	241	232	243	4.65	cps
Silicon	28-1	347303	336927	344635	342955	1.57	cps
Silver	109-1	2500	3001	2767	2756	9.08	cps
Silver	107-1	2775	3051	2959	2928	4.78	cps
Sodium	23-2	7427	7185	7702	7438	3.48	cps
Strontium	86-1	1809	1667	1625	1700	5.65	cps
Strontium	88-1	6102	6535	6627	6421	4.37	cps
Sulfur	34-1	309520	311496	311679	310898	0.39	cps
Terbium	159-1	9745243	9838561	9706401	9763402	0.70	cps
Terbium	159-2	2264465	2316347	2315030	2298614	1.29	cps
Thallium	203-1	1875	1875	2117	1956	7.14	cps
Thallium	205-1	4626	4709	4593	4643	1.30	cps
Tin	118-1	3025	3017	2992	3012	0.58	cps
Titanium	47-1	317	442	400	386	16.48	cps
Uranium	238-1	5685	5460	5335	5493	3.23	cps
Vanadium	51-2	193	220	183	199	9.53	cps
Yttrium	89-1	8244636	8341980	8341353	8309323	0.67	cps
Yttrium	89-2	306264	315953	320951	314389	2.38	cps
Zinc	66-2	147	140	130	139	6.04	cps
Zirconium	90-1	4459	4668	4568	4565	2.28	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-2	Instrumnet Name :	P8
Client Sample ID :	IDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:30:08	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	892	958	917	922	3.65	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:33:17	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	100	83	103	20.41	cps
Antimony	121-1	2792	2984	3101	2959	5.26	cps
Arsenic	75-2	50	52	46	49	5.72	cps
Barium	135-1	2959	2567	2634	2720	7.71	cps
Barium	137-1	4709	5643	5335	5229	9.10	cps
Beryllium	9-1	361	283	278	307	15.15	cps
Bismuth	209-1	5564708	5371158	5760999	5565622	3.50	cps
Bismuth	209-2	1935783	1916480	1905990	1919418	0.79	cps
Boron	10-1	375	367	392	378	3.37	cps
Boron	11-1	1925	1642	1600	1722	10.27	cps
Cadmium	111-1	1974	1552	1728	1751	12.11	cps
Cadmium	106-1	1925	1383	1659	1656	16.36	cps
Cadmium	108-1	46	83	71	67	28.65	cps
Calcium	43-1	2175	2075	2334	2195	5.94	cps
Calcium	44-1	37710	39072	38646	38476	1.81	cps
Chromium	52-2	1057	1003	1063	1041	3.16	cps
Cobalt	59-2	687	730	770	729	5.72	cps
Copper	63-2	1543	1533	1523	1533	0.65	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	117	33	125	92	55.30	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	9172995	8809537	9309413	9097315	2.84	cps
Holmium	165-2	2475329	2440032	2475754	2463705	0.83	cps
Indium	115-1	7934698	7658001	8208986	7933895	3.47	cps
Indium	115-2	455283	451457	453506	453415	0.42	cps
Iron	56-2	12367	12801	12306	12491	2.16	cps
Iron	57-2	267	350	328	315	13.71	cps
Lead	206-1	2006	2034	2284	2108	7.26	cps
Lead	207-1	1767	1911	2017	1898	6.61	cps
Lead	208-1	8090	8162	8757	8337	4.39	cps
Lithium	6-1	786853	760114	816818	787928	3.60	cps
Magnesium	24-2	1042	1217	1075	1111	8.36	cps
Manganese	55-2	187	183	213	194	8.46	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:33:17	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2459	2275	2234	2323	5.16	cps
Molybdenum	95-1	1200	1225	1283	1236	3.46	cps
Molybdenum	96-1	1625	1492	1792	1636	9.19	cps
Molybdenum	97-1	783	992	900	892	11.71	cps
Molybdenum	98-1	1950	2284	1909	2047	10.04	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	473	337	397	402	17.03	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	3701	3742	3767	3737	0.90	cps
Rhodium	103-1	7288986	7002803	7466081	7252623	3.22	cps
Rhodium	103-2	2302216	2286736	2326211	2305054	0.86	cps
Scandium	45-1	4083536	3903998	4236221	4074585	4.08	cps
Scandium	45-2	44083	44273	44497	44284	0.47	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	20	11	15	15	30.21	cps
Selenium	82-1	168	233	279	227	24.57	cps
Silicon	28-1	340738	340363	346174	342425	0.95	cps
Silver	109-1	2850	2650	3159	2887	8.87	cps
Silver	107-1	2825	2917	3217	2987	6.86	cps
Sodium	23-2	7727	7235	7477	7480	3.29	cps
Strontium	86-1	1642	1767	1392	1600	11.93	cps
Strontium	88-1	6994	7002	7035	7010	0.31	cps
Sulfur	34-1	313966	309206	313635	312269	0.85	cps
Terbium	159-1	9640697	9254488	9806233	9567139	2.96	cps
Terbium	159-2	2414926	2345005	2411041	2390324	1.64	cps
Thallium	203-1	2142	1917	2184	2081	6.90	cps
Thallium	205-1	4935	5301	4885	5040	4.52	cps
Tin	118-1	2825	3126	3142	3031	5.88	cps
Titanium	47-1	342	375	500	406	20.58	cps
Uranium	238-1	5685	5860	6210	5918	4.52	cps
Vanadium	51-2	210	217	173	200	11.67	cps
Yttrium	89-1	8177204	7835907	8405873	8139661	3.52	cps
Yttrium	89-2	330027	325972	329073	328358	0.65	cps
Zinc	66-2	117	117	153	129	16.43	cps
Zirconium	90-1	4026	4659	4643	4443	8.13	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:33:17	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	950	958	925	945	1.84	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:36:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	133	158	147	8.65	cps
Antimony	121-1	2592	2600	2667	2620	1.57	cps
Arsenic	75-2	48	46	50	48	3.84	cps
Barium	135-1	2542	2784	2842	2723	5.84	cps
Barium	137-1	4351	5276	4951	4859	9.66	cps
Beryllium	9-1	267	233	339	280	19.30	cps
Bismuth	209-1	5345659	5628583	5530657	5501633	2.61	cps
Bismuth	209-2	1874754	1875072	1872472	1874099	0.08	cps
Boron	10-1	408	458	383	417	9.16	cps
Boron	11-1	1942	1700	1809	1817	6.66	cps
Cadmium	111-1	1661	1714	1491	1622	7.17	cps
Cadmium	106-1	1650	1625	1459	1578	6.60	cps
Cadmium	108-1	33	46	54	44	23.60	cps
Calcium	43-1	2109	2125	2117	2117	0.39	cps
Calcium	44-1	37584	38428	37660	37891	1.23	cps
Chromium	52-2	1057	953	1110	1040	7.66	cps
Cobalt	59-2	557	640	600	599	6.96	cps
Copper	63-2	1490	1277	1447	1405	8.03	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	50	83	100	78	32.74	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	9010931	9235781	9235279	9160664	1.42	cps
Holmium	165-2	2396497	2417655	2458641	2424264	1.30	cps
Indium	115-1	7791844	8103997	7961234	7952358	1.97	cps
Indium	115-2	442021	445314	441226	442853	0.49	cps
Iron	56-2	11961	11661	11866	11829	1.30	cps
Iron	57-2	306	322	383	337	12.15	cps
Lead	206-1	1800	2234	2034	2022	10.73	cps
Lead	207-1	1728	1750	1789	1756	1.76	cps
Lead	208-1	7523	8235	8051	7936	4.65	cps
Lithium	6-1	775873	805847	791421	791047	1.90	cps
Magnesium	24-2	1050	1108	1083	1081	2.71	cps
Manganese	55-2	150	187	183	173	11.70	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:36:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2050	2384	2117	2184	8.08	cps
Molybdenum	95-1	917	1058	1183	1053	12.67	cps
Molybdenum	96-1	1725	1592	1600	1639	4.56	cps
Molybdenum	97-1	783	858	592	744	18.47	cps
Molybdenum	98-1	1500	1842	2075	1806	16.02	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	333	317	277	309	9.43	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	3742	3976	3742	3820	3.53	cps
Rhodium	103-1	7119542	7427272	7310824	7285880	2.13	cps
Rhodium	103-2	2222927	2273880	2277783	2258196	1.36	cps
Scandium	45-1	4016737	4127472	4084968	4076392	1.37	cps
Scandium	45-2	43661	42969	43802	43477	1.03	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	11	7	4	7	50.02	cps
Selenium	82-1	152	154	341	216	50.42	cps
Silicon	28-1	346817	343655	344723	345065	0.47	cps
Silver	109-1	2650	2884	2800	2778	4.26	cps
Silver	107-1	2684	2684	2859	2742	3.69	cps
Sodium	23-2	7277	7594	6769	7213	5.77	cps
Strontium	86-1	1700	1625	1717	1681	2.91	cps
Strontium	88-1	5993	6127	6285	6135	2.38	cps
Sulfur	34-1	316453	315593	315363	315803	0.18	cps
Terbium	159-1	9411920	9833074	9684353	9643115	2.21	cps
Terbium	159-2	2349946	2340873	2353291	2348037	0.27	cps
Thallium	203-1	1792	1917	1959	1889	4.59	cps
Thallium	205-1	4551	4459	4509	4507	1.02	cps
Tin	118-1	2809	3392	2959	3053	9.92	cps
Titanium	47-1	492	425	542	486	12.04	cps
Uranium	238-1	5176	4843	5360	5126	5.11	cps
Vanadium	51-2	183	203	207	198	6.38	cps
Yttrium	89-1	7980055	8261029	8105772	8115619	1.73	cps
Yttrium	89-2	320656	323069	321688	321804	0.38	cps
Zinc	66-2	110	130	157	132	17.71	cps
Zirconium	90-1	4042	4176	4159	4126	1.76	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:36:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	908	1050	1000	986	7.29	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:39:34	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	108	158	114	36.83	cps
Antimony	121-1	2800	2859	2900	2853	1.76	cps
Arsenic	75-2	43	39	43	41	5.17	cps
Barium	135-1	2775	2992	2775	2848	4.39	cps
Barium	137-1	4926	4909	5201	5012	3.27	cps
Beryllium	9-1	300	289	417	335	21.12	cps
Bismuth	209-1	5552793	5746916	5493450	5597720	2.37	cps
Bismuth	209-2	1873617	1854119	1865993	1864576	0.53	cps
Boron	10-1	408	350	342	367	9.91	cps
Boron	11-1	1784	1692	1609	1695	5.17	cps
Cadmium	111-1	1886	1933	1761	1860	4.79	cps
Cadmium	106-1	1809	1934	1734	1825	5.54	cps
Cadmium	108-1	67	83	88	79	13.92	cps
Calcium	43-1	2192	2109	2167	2156	1.98	cps
Calcium	44-1	38947	39298	37184	38476	2.94	cps
Chromium	52-2	1077	1153	1140	1123	3.65	cps
Cobalt	59-2	670	687	623	660	4.97	cps
Copper	63-2	1580	1627	1483	1563	4.68	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	92	108	67	89	23.59	cps
Gadolinium	160-2	17	10	23	17	39.99	cps
Holmium	165-1	9176224	9481509	9161099	9272944	1.95	cps
Holmium	165-2	2430611	2453864	2435489	2439988	0.50	cps
Indium	115-1	7936528	8290337	7904137	8043667	2.66	cps
Indium	115-2	443599	443114	451760	446158	1.09	cps
Iron	56-2	12834	12267	12689	12597	2.34	cps
Iron	57-2	261	294	311	289	8.81	cps
Lead	206-1	2145	2128	1900	2058	6.64	cps
Lead	207-1	1734	1839	1934	1835	5.45	cps
Lead	208-1	7901	8390	8218	8170	3.04	cps
Lithium	6-1	798220	826221	794242	806228	2.16	cps
Magnesium	24-2	1158	1267	1317	1247	6.49	cps
Manganese	55-2	213	210	203	209	2.44	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:39:34	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2250	2442	2242	2311	4.90	cps
Molybdenum	95-1	1050	1183	1017	1083	8.14	cps
Molybdenum	96-1	1542	1675	1717	1645	5.56	cps
Molybdenum	97-1	867	792	833	831	4.53	cps
Molybdenum	98-1	1884	1817	2034	1911	5.81	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	380	317	360	352	9.19	cps
Phosphorus	31-2	25	8	17	17	50.01	cps
Potassium	39-2	3892	3692	3784	3790	2.64	cps
Rhodium	103-1	7290779	7553518	7228985	7357761	2.34	cps
Rhodium	103-2	2285584	2286125	2306526	2292745	0.52	cps
Scandium	45-1	4108070	4263705	4096613	4156129	2.25	cps
Scandium	45-2	43056	42661	43999	43239	1.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	7	6	17.29	cps
Selenium	82-1	134	217	244	198	28.90	cps
Silicon	28-1	341771	346592	341044	343136	0.88	cps
Silver	109-1	2884	3092	3075	3017	3.84	cps
Silver	107-1	3109	3192	2617	2973	10.46	cps
Sodium	23-2	7269	7202	7035	7169	1.68	cps
Strontium	86-1	1634	1825	1809	1756	6.05	cps
Strontium	88-1	6860	6994	6652	6835	2.52	cps
Sulfur	34-1	318225	318143	320048	318805	0.34	cps
Terbium	159-1	9731288	9977323	9650987	9786532	1.74	cps
Terbium	159-2	2382195	2345397	2360112	2362568	0.78	cps
Thallium	203-1	1825	2384	2117	2109	13.25	cps
Thallium	205-1	4751	4501	4784	4679	3.31	cps
Tin	118-1	3084	3201	3192	3159	2.06	cps
Titanium	47-1	383	325	350	353	8.30	cps
Uranium	238-1	5827	5601	5451	5626	3.36	cps
Vanadium	51-2	233	170	290	231	25.98	cps
Yttrium	89-1	8207920	8504551	8126959	8279810	2.40	cps
Yttrium	89-2	322531	319398	324827	322252	0.85	cps
Zinc	66-2	167	150	170	162	6.61	cps
Zirconium	90-1	4434	4768	4418	4540	4.35	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:39:34	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	867	1267	950	1028	20.53	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:42:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	75	67	81	21.53	cps
Antimony	121-1	2967	3067	2742	2925	5.69	cps
Arsenic	75-2	44	41	43	43	4.34	cps
Barium	135-1	2775	2584	3051	2803	8.37	cps
Barium	137-1	4809	4451	4534	4598	4.08	cps
Beryllium	9-1	283	333	239	285	16.57	cps
Bismuth	209-1	5460081	5559494	5644031	5554535	1.66	cps
Bismuth	209-2	1898869	1881638	1900471	1893659	0.55	cps
Boron	10-1	308	292	350	317	9.49	cps
Boron	11-1	1625	1508	1725	1620	6.70	cps
Cadmium	111-1	1716	1650	1846	1737	5.73	cps
Cadmium	106-1	1717	1609	1917	1747	8.95	cps
Cadmium	108-1	63	38	54	51	24.77	cps
Calcium	43-1	2542	2667	2492	2567	3.51	cps
Calcium	44-1	37610	38019	38922	38184	1.76	cps
Chromium	52-2	1017	1093	1157	1089	6.44	cps
Cobalt	59-2	667	713	677	686	3.58	cps
Copper	63-2	1457	1570	1603	1543	4.98	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	10	17	3	10	66.70	cps
Gadolinium	160-1	50	67	92	69	30.20	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	9064334	9245645	9317277	9209085	1.42	cps
Holmium	165-2	2443218	2464274	2457323	2454938	0.44	cps
Indium	115-1	7835553	7923203	8042078	7933611	1.31	cps
Indium	115-2	450352	448859	444074	447762	0.73	cps
Iron	56-2	11750	11405	12061	11739	2.80	cps
Iron	57-2	267	417	394	359	22.53	cps
Lead	206-1	1945	2061	2078	2028	3.58	cps
Lead	207-1	1800	1806	1661	1756	4.66	cps
Lead	208-1	7907	8057	7862	7942	1.28	cps
Lithium	6-1	787615	799636	808626	798626	1.32	cps
Magnesium	24-2	1050	900	1125	1025	11.18	cps
Manganese	55-2	170	233	213	206	15.75	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:42:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2217	2617	2242	2359	9.50	cps
Molybdenum	95-1	1100	1317	1108	1175	10.45	cps
Molybdenum	96-1	1567	1542	1575	1561	1.11	cps
Molybdenum	97-1	783	775	817	792	2.78	cps
Molybdenum	98-1	1809	2250	1934	1997	11.40	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	363	343	357	354	2.87	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3659	3484	3767	3637	3.93	cps
Rhodium	103-1	7199620	7290935	7466519	7319025	1.85	cps
Rhodium	103-2	2301591	2289913	2262436	2284647	0.88	cps
Scandium	45-1	4081567	4116416	4184605	4127529	1.27	cps
Scandium	45-2	43965	43303	43671	43647	0.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	20	9	9	13	49.48	cps
Selenium	82-1	220	119	285	208	40.13	cps
Silicon	28-1	340973	349504	344893	345123	1.24	cps
Silver	109-1	2775	2684	2659	2706	2.27	cps
Silver	107-1	2975	3242	3209	3142	4.63	cps
Sodium	23-2	6752	6960	7119	6944	2.65	cps
Strontium	86-1	1759	1659	1692	1703	2.99	cps
Strontium	88-1	6302	6794	6985	6694	5.27	cps
Sulfur	34-1	317705	319501	318036	318414	0.30	cps
Terbium	159-1	9555893	9611792	9789131	9652272	1.26	cps
Terbium	159-2	2374322	2387222	2349185	2370243	0.82	cps
Thallium	203-1	1984	2000	2125	2036	3.80	cps
Thallium	205-1	4143	4526	4468	4379	4.72	cps
Tin	118-1	3117	3092	2784	2998	6.20	cps
Titanium	47-1	467	425	383	425	9.80	cps
Uranium	238-1	5335	5251	5060	5215	2.71	cps
Vanadium	51-2	247	223	243	238	5.31	cps
Yttrium	89-1	8116380	8188636	8399098	8234705	1.78	cps
Yttrium	89-2	328410	329361	327384	328385	0.30	cps
Zinc	66-2	100	137	163	133	23.85	cps
Zirconium	90-1	4209	4601	4268	4359	4.85	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:42:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	950	1008	1067	1008	5.79	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:45:52	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	67	175	117	46.84	cps
Antimony	121-1	2659	2909	2967	2845	5.76	cps
Arsenic	75-2	35	39	43	39	9.51	cps
Barium	135-1	2717	2900	2800	2806	3.27	cps
Barium	137-1	4859	4468	4876	4734	4.88	cps
Beryllium	9-1	322	361	211	298	26.11	cps
Bismuth	209-1	5301764	5517572	5566742	5462026	2.58	cps
Bismuth	209-2	1837325	1923642	1882591	1881186	2.30	cps
Boron	10-1	250	333	350	311	17.22	cps
Boron	11-1	1192	1358	1308	1286	6.65	cps
Cadmium	111-1	1806	1703	1765	1758	2.95	cps
Cadmium	106-1	1742	1575	1767	1695	6.15	cps
Cadmium	108-1	38	42	25	35	24.98	cps
Calcium	43-1	2234	2384	2367	2328	3.53	cps
Calcium	44-1	37944	38137	38637	38239	0.94	cps
Chromium	52-2	967	1017	990	991	2.52	cps
Cobalt	59-2	643	727	620	663	8.45	cps
Copper	63-2	1410	1310	1307	1342	4.37	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	117	50	83	83	40.00	cps
Gadolinium	160-2	10	20	3	11	75.52	cps
Holmium	165-1	8888386	9060760	9171365	9040170	1.58	cps
Holmium	165-2	2393228	2509667	2389816	2430904	2.81	cps
Indium	115-1	7610195	7918340	7971987	7833507	2.49	cps
Indium	115-2	441861	465434	442085	449793	3.01	cps
Iron	56-2	11983	11844	11878	11902	0.61	cps
Iron	57-2	250	250	250	250	0.00	cps
Lead	206-1	1928	2223	2084	2078	7.09	cps
Lead	207-1	1784	1722	1884	1796	4.53	cps
Lead	208-1	7740	8301	8235	8092	3.79	cps
Lithium	6-1	763009	791483	791923	782138	2.12	cps
Magnesium	24-2	1283	1058	1092	1145	10.61	cps
Manganese	55-2	213	180	250	214	16.33	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:45:52	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2209	2367	1992	2189	8.60	cps
Molybdenum	95-1	1050	1225	1183	1153	7.93	cps
Molybdenum	96-1	1584	1475	1609	1556	4.56	cps
Molybdenum	97-1	875	800	675	783	12.90	cps
Molybdenum	98-1	1675	1617	1759	1684	4.23	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	330	363	420	371	12.26	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	3417	3776	3826	3673	6.07	cps
Rhodium	103-1	7043905	7233832	7310585	7196107	1.91	cps
Rhodium	103-2	2273301	2358198	2239192	2290230	2.68	cps
Scandium	45-1	3990575	4086315	4107286	4061392	1.53	cps
Scandium	45-2	43360	45353	43808	44174	2.37	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	11	7	11	10	21.63	cps
Selenium	82-1	290	202	185	226	25.04	cps
Silicon	28-1	346872	343226	341310	343803	0.82	cps
Silver	109-1	2459	2875	2617	2650	7.94	cps
Silver	107-1	2834	3134	2975	2981	5.04	cps
Sodium	23-2	6694	6719	6644	6685	0.57	cps
Strontium	86-1	1592	1950	1692	1745	10.60	cps
Strontium	88-1	6677	6577	6552	6602	1.00	cps
Sulfur	34-1	314979	315064	316641	315561	0.30	cps
Terbium	159-1	9206648	9517029	9692468	9472048	2.60	cps
Terbium	159-2	2348825	2448435	2336116	2377792	2.59	cps
Thallium	203-1	1909	1992	1942	1947	2.15	cps
Thallium	205-1	4259	4109	4709	4359	7.17	cps
Tin	118-1	2525	3117	3251	2964	13.02	cps
Titanium	47-1	300	358	425	361	17.32	cps
Uranium	238-1	5426	5585	5293	5435	2.69	cps
Vanadium	51-2	263	207	250	240	12.35	cps
Yttrium	89-1	7846201	8186812	8184077	8072363	2.43	cps
Yttrium	89-2	320644	336166	323376	326729	2.54	cps
Zinc	66-2	187	157	173	172	8.73	cps
Zirconium	90-1	4218	4159	4601	4326	5.55	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:45:52	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	875	925	942	914	3.80	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:49:00	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	379302	384530	382436	382089	0.69	cps
Antimony	121-1	5389801	5452723	5453457	5431994	0.67	cps
Arsenic	75-2	67045	66580	66522	66715	0.43	cps
Barium	135-1	5538534	5676820	5675333	5630229	1.41	cps
Barium	137-1	9535303	9717897	9761862	9671687	1.24	cps
Beryllium	9-1	494944	508309	507244	503499	1.48	cps
Bismuth	209-1	5574881	5692202	5709611	5658898	1.29	cps
Bismuth	209-2	1776173	1751421	1703858	1743817	2.11	cps
Boron	10-1	60269	60537	61139	60648	0.73	cps
Boron	11-1	274057	284036	283525	280539	2.00	cps
Cadmium	111-1	1117853	1134810	1140193	1130952	1.03	cps
Cadmium	106-1	115492	118089	116988	116856	1.12	cps
Cadmium	108-1	77655	79596	78208	78486	1.27	cps
Calcium	43-1	5016965	5078637	5151455	5082352	1.32	cps
Calcium	44-1	82937014	83413883	83565466	83305455	0.39	cps
Chromium	52-2	539773	535507	535877	537052	0.44	cps
Cobalt	59-2	1116913	1111221	1103284	1110473	0.62	cps
Copper	63-2	1929853	1931130	1912570	1924518	0.54	cps
Dysprosium	156-1	83	192	125	133	40.98	cps
Dysprosium	156-2	27	30	10	22	48.22	cps
Erbium	164-1	83	83	17	61	62.98	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	142	142	142	142	0.00	cps
Gadolinium	160-2	47	40	33	40	16.68	cps
Holmium	165-1	9567662	9694921	9720813	9661132	0.85	cps
Holmium	165-2	2431625	2379181	2393428	2401411	1.13	cps
Indium	115-1	7738971	7727977	7870978	7779309	1.02	cps
Indium	115-2	413357	415657	407683	412232	1.00	cps
Iron	56-2	88828738	88389621	88711994	88643451	0.26	cps
Iron	57-2	2286468	2273819	2271491	2277259	0.35	cps
Lead	206-1	3059032	3100637	3134354	3098008	1.22	cps
Lead	207-1	2785181	2856040	2922524	2854582	2.41	cps
Lead	208-1	12407775	12729423	12866721	12667973	1.86	cps
Lithium	6-1	774044	781269	789652	781655	1.00	cps
Magnesium	24-2	9123409	9106736	9011964	9080703	0.66	cps
Manganese	55-2	312307	306968	310014	309763	0.86	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:49:00	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4185447	4256064	4227635	4223049	0.84	cps
Molybdenum	95-1	2297496	2326910	2312129	2312178	0.64	cps
Molybdenum	96-1	2931403	2972352	2985606	2963120	0.95	cps
Molybdenum	97-1	1373301	1437891	1402060	1404418	2.30	cps
Molybdenum	98-1	3656329	3654969	3687792	3666364	0.51	cps
Neodymium	150-1	273	333	247	284	15.61	cps
Neodymium	150-2	17	27	10	18	47.19	cps
Nickel	60-2	322838	324632	324064	323845	0.28	cps
Phosphorus	31-2	5551	5760	5668	5660	1.85	cps
Potassium	39-2	2917100	2870024	2886513	2891212	0.83	cps
Rhodium	103-1	6958093	7036160	6931512	6975255	0.78	cps
Rhodium	103-2	2082080	2103850	2077710	2087880	0.67	cps
Scandium	45-1	4083272	4144078	4134752	4120701	0.79	cps
Scandium	45-2	41501	42073	42441	42005	1.13	cps
Selenium	77-2	533	523	490	516	4.40	cps
Selenium	78-2	1745	1719	1658	1707	2.62	cps
Selenium	82-1	66949	67518	67517	67328	0.49	cps
Silicon	28-1	2194504	2292039	2292730	2259758	2.50	cps
Silver	109-1	5228144	5353792	5339445	5307127	1.30	cps
Silver	107-1	5427470	5562563	5509383	5499805	1.24	cps
Sodium	23-2	22025685	21913043	21865774	21934834	0.37	cps
Strontium	86-1	1516536	1518813	1518814	1518055	0.09	cps
Strontium	88-1	12791567	13019065	12905046	12905226	0.88	cps
Sulfur	34-1	599523	605725	603332	602860	0.52	cps
Terbium	159-1	9977367	10259604	10173485	10136819	1.43	cps
Terbium	159-2	2358332	2332066	2306695	2332364	1.11	cps
Thallium	203-1	3796602	3871658	3871837	3846699	1.13	cps
Thallium	205-1	8881185	9149913	9149159	9060085	1.71	cps
Tin	118-1	3744179	3778990	3816240	3779803	0.95	cps
Titanium	47-1	526877	531911	532935	530574	0.61	cps
Uranium	238-1	11645239	11908015	12119384	11890879	2.00	cps
Vanadium	51-2	406308	403852	398983	403048	0.93	cps
Yttrium	89-1	8180596	8229489	8267048	8225711	0.53	cps
Yttrium	89-2	310608	307223	307903	308578	0.58	cps
Zinc	66-2	176952	175244	172150	174782	1.39	cps
Zirconium	90-1	7973579	8097030	8053338	8041316	0.78	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:49:00	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1778521	1798482	1803983	1793662	0.75	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : CCB59 Instrumnet Name : P8
 Client Sample ID : CCB59 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 15:56:23 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	8	11	43.34	cps
Antimony	121-1	1083	883	975	981	10.21	cps
Arsenic	75-2	2	2	0	1	86.60	cps
Barium	135-1	42	33	8	28	62.46	cps
Barium	137-1	75	92	58	75	22.22	cps
Beryllium	9-1	100	94	78	91	12.74	cps
Bismuth	209-1	5818174	6057178	5835473	5903608	2.26	cps
Bismuth	209-2	1856278	1901741	1895823	1884614	1.31	cps
Boron	10-1	600	633	550	594	7.06	cps
Boron	11-1	3234	3100	3225	3187	2.34	cps
Cadmium	111-1	1283	1109	1105	1166	8.75	cps
Cadmium	106-1	1809	1567	1584	1653	8.17	cps
Cadmium	108-1	17	13	29	19	44.61	cps
Calcium	43-1	1483	1800	1659	1647	9.63	cps
Calcium	44-1	30192	30484	30367	30348	0.49	cps
Chromium	52-2	760	757	777	764	1.40	cps
Cobalt	59-2	37	50	43	43	15.38	cps
Copper	63-2	337	317	253	302	14.40	cps
Dysprosium	156-1	8	0	33	14	124.92	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	58	58	50	28.88	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	17	3	17	12	63.01	cps
Holmium	165-1	9617781	9938794	9529841	9695472	2.22	cps
Holmium	165-2	2372250	2442708	2457852	2424270	1.88	cps
Indium	115-1	8162026	8233141	8129675	8174947	0.65	cps
Indium	115-2	429582	442116	439910	437203	1.53	cps
Iron	56-2	2389	2406	2450	2415	1.31	cps
Iron	57-2	28	100	50	59	62.42	cps
Lead	206-1	622	606	567	598	4.77	cps
Lead	207-1	561	533	522	539	3.72	cps
Lead	208-1	2522	2484	2411	2472	2.28	cps
Lithium	6-1	817590	839796	825751	827712	1.36	cps
Magnesium	24-2	150	125	175	150	16.67	cps
Manganese	55-2	50	40	50	47	12.37	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P8
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:56:23	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	475	283	367	26.80	cps
Molybdenum	95-1	158	92	67	106	44.89	cps
Molybdenum	96-1	217	183	175	192	11.50	cps
Molybdenum	97-1	100	142	108	117	18.90	cps
Molybdenum	98-1	167	175	150	164	7.77	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	187	170	176	5.48	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	3409	3384	3651	3481	4.23	cps
Rhodium	103-1	7515273	7641978	7493674	7550308	1.06	cps
Rhodium	103-2	2247155	2282591	2249017	2259588	0.88	cps
Scandium	45-1	4169269	4243322	4184741	4199111	0.93	cps
Scandium	45-2	41986	42243	43230	42486	1.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-34	-103	-80	-72	-48.57	cps
Silicon	28-1	332950	347591	338085	339542	2.19	cps
Silver	109-1	108	133	200	147	32.19	cps
Silver	107-1	192	125	167	161	20.90	cps
Sodium	23-2	6719	6552	6235	6502	3.78	cps
Strontium	86-1	1017	1058	1042	1039	2.02	cps
Strontium	88-1	167	217	192	192	13.05	cps
Sulfur	34-1	309929	311814	311251	310998	0.31	cps
Terbium	159-1	9944376	10236794	9966668	10049279	1.62	cps
Terbium	159-2	2320864	2397928	2367276	2362023	1.64	cps
Thallium	203-1	183	208	275	222	21.32	cps
Thallium	205-1	833	508	533	625	28.94	cps
Tin	118-1	1508	1508	1383	1467	4.92	cps
Titanium	47-1	142	83	117	114	25.69	cps
Uranium	238-1	92	100	142	111	24.11	cps
Vanadium	51-2	23	7	20	17	52.90	cps
Yttrium	89-1	8349353	8438363	8288578	8358765	0.90	cps
Yttrium	89-2	314192	318075	317254	316507	0.65	cps
Zinc	66-2	33	43	27	34	24.35	cps
Zirconium	90-1	783	925	800	836	9.26	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P8
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 15:56:23	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	250	117	172	40.29	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:01:52	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	100	125	131	25.80	cps
Antimony	121-1	3075	3292	3234	3201	3.50	cps
Arsenic	75-2	43	43	33	40	13.53	cps
Barium	135-1	3076	2567	2750	2798	9.20	cps
Barium	137-1	5301	4651	4843	4932	6.78	cps
Beryllium	9-1	344	294	389	343	13.79	cps
Bismuth	209-1	5828322	5825922	5869342	5841195	0.42	cps
Bismuth	209-2	1867725	1909874	1940799	1906133	1.92	cps
Boron	10-1	517	475	425	472	9.72	cps
Boron	11-1	1975	2000	2109	2028	3.50	cps
Cadmium	111-1	1893	1733	1817	1814	4.40	cps
Cadmium	106-1	1792	1684	1759	1745	3.18	cps
Cadmium	108-1	58	71	38	56	30.32	cps
Calcium	43-1	2317	2025	2050	2131	7.59	cps
Calcium	44-1	38420	39331	38328	38693	1.43	cps
Chromium	52-2	1013	1023	1047	1028	1.66	cps
Cobalt	59-2	727	667	750	714	6.02	cps
Copper	63-2	1510	1427	1387	1441	4.37	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	9520492	9570544	9457616	9516217	0.59	cps
Holmium	165-2	2430931	2441854	2451194	2441326	0.42	cps
Indium	115-1	8129685	8117065	8119538	8122096	0.08	cps
Indium	115-2	439732	445656	444859	443416	0.73	cps
Iron	56-2	12795	12990	12706	12830	1.13	cps
Iron	57-2	250	300	317	289	12.01	cps
Lead	206-1	2111	2000	2072	2061	2.74	cps
Lead	207-1	2267	1850	1922	2013	11.06	cps
Lead	208-1	8696	8696	8429	8607	1.79	cps
Lithium	6-1	819270	826970	822969	823070	0.47	cps
Magnesium	24-2	1192	1508	1200	1300	13.88	cps
Manganese	55-2	247	250	180	226	17.51	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:01:52	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2517	2600	2359	2492	4.93	cps
Molybdenum	95-1	1300	1192	1175	1222	5.55	cps
Molybdenum	96-1	1775	1667	1575	1672	5.99	cps
Molybdenum	97-1	875	842	817	845	3.47	cps
Molybdenum	98-1	2142	1925	1984	2017	5.56	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	413	377	250	347	24.72	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	3759	3717	3576	3684	2.61	cps
Rhodium	103-1	7378862	7523382	7512927	7471724	1.08	cps
Rhodium	103-2	2246596	2276655	2300663	2274638	1.19	cps
Scandium	45-1	4167751	4191620	4155271	4171548	0.44	cps
Scandium	45-2	43691	42842	44948	43827	2.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	15	11	12	24.10	cps
Selenium	82-1	292	260	208	254	16.71	cps
Silicon	28-1	344821	341048	340222	342030	0.72	cps
Silver	109-1	3075	2717	2684	2825	7.69	cps
Silver	107-1	3284	2950	3067	3101	5.46	cps
Sodium	23-2	8345	8061	7811	8072	3.31	cps
Strontium	86-1	1533	1534	1558	1542	0.94	cps
Strontium	88-1	6777	6685	7027	6830	2.59	cps
Sulfur	34-1	314173	315366	312767	314102	0.41	cps
Terbium	159-1	9910006	9881024	9871098	9887376	0.20	cps
Terbium	159-2	2399992	2377727	2409816	2395845	0.69	cps
Thallium	203-1	2300	2142	2117	2186	4.55	cps
Thallium	205-1	5368	5060	5160	5196	3.03	cps
Tin	118-1	3351	3534	3584	3490	3.52	cps
Titanium	47-1	400	325	517	414	23.34	cps
Uranium	238-1	6002	5860	5860	5907	1.39	cps
Vanadium	51-2	203	243	260	236	12.36	cps
Yttrium	89-1	8315392	8404667	8317970	8346010	0.61	cps
Yttrium	89-2	319403	320920	324108	321477	0.75	cps
Zinc	66-2	150	130	143	141	7.22	cps
Zirconium	90-1	4618	4659	4659	4645	0.52	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:01:52	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1042	1100	925	1022	8.72	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:05:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	108	108	100	14.43	cps
Antimony	121-1	3017	2917	2950	2962	1.72	cps
Arsenic	75-2	50	43	43	45	9.49	cps
Barium	135-1	2817	2592	3042	2817	7.99	cps
Barium	137-1	5035	5018	5160	5071	1.53	cps
Beryllium	9-1	333	306	311	317	4.64	cps
Bismuth	209-1	5796451	5812155	5843526	5817378	0.41	cps
Bismuth	209-2	1888150	1873573	1905796	1889173	0.85	cps
Boron	10-1	458	417	442	439	4.78	cps
Boron	11-1	1734	1809	1900	1814	4.60	cps
Cadmium	111-1	1723	1873	1646	1747	6.60	cps
Cadmium	106-1	1650	1875	1567	1697	9.40	cps
Cadmium	108-1	46	33	67	49	34.65	cps
Calcium	43-1	2342	2509	2467	2439	3.56	cps
Calcium	44-1	38236	37802	38044	38027	0.57	cps
Chromium	52-2	1000	997	1000	999	0.19	cps
Cobalt	59-2	637	590	693	640	8.09	cps
Copper	63-2	1220	1330	1407	1319	7.11	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	33	33	25.00	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	50	83	17	50	66.67	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	9573292	9501123	9743432	9605949	1.30	cps
Holmium	165-2	2433067	2407301	2450450	2430273	0.89	cps
Indium	115-1	8129615	8043368	8229436	8134140	1.14	cps
Indium	115-2	443480	439345	445933	442919	0.75	cps
Iron	56-2	12278	12089	12556	12308	1.91	cps
Iron	57-2	244	356	289	296	18.88	cps
Lead	206-1	2184	2084	1934	2067	6.09	cps
Lead	207-1	1828	2000	1722	1850	7.58	cps
Lead	208-1	8418	8657	7779	8285	5.48	cps
Lithium	6-1	814913	808184	819630	814242	0.71	cps
Magnesium	24-2	1017	1283	1183	1161	11.60	cps
Manganese	55-2	237	227	237	233	2.47	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:05:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2350	2450	2325	2375	2.79	cps
Molybdenum	95-1	1183	1250	1133	1189	4.92	cps
Molybdenum	96-1	1450	1825	1717	1664	11.60	cps
Molybdenum	97-1	842	775	800	806	4.18	cps
Molybdenum	98-1	1925	1967	1917	1936	1.38	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	313	300	293	302	3.37	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	3809	4059	3851	3906	3.43	cps
Rhodium	103-1	7429586	7442961	7488691	7453746	0.42	cps
Rhodium	103-2	2270931	2267020	2285386	2274446	0.43	cps
Scandium	45-1	4170002	4219138	4271829	4220323	1.21	cps
Scandium	45-2	43404	43654	43226	43428	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	11	17	10	75.80	cps
Selenium	82-1	199	311	308	273	23.50	cps
Silicon	28-1	342257	343094	344938	343430	0.40	cps
Silver	109-1	2900	2967	2550	2806	7.98	cps
Silver	107-1	3276	2592	3259	3042	12.82	cps
Sodium	23-2	7186	8044	7711	7647	5.66	cps
Strontium	86-1	1450	1617	1442	1503	6.57	cps
Strontium	88-1	6318	6652	6969	6646	4.89	cps
Sulfur	34-1	312721	312783	307809	311105	0.92	cps
Terbium	159-1	9838428	9921036	10047664	9935709	1.06	cps
Terbium	159-2	2381312	2335586	2343313	2353404	1.04	cps
Thallium	203-1	2075	1750	1967	1931	8.57	cps
Thallium	205-1	4643	4960	4609	4737	4.08	cps
Tin	118-1	3159	3142	3242	3181	1.68	cps
Titanium	47-1	317	483	375	392	21.59	cps
Uranium	238-1	5401	5668	5943	5671	4.78	cps
Vanadium	51-2	240	157	260	219	25.04	cps
Yttrium	89-1	8333539	8401687	8403902	8379709	0.48	cps
Yttrium	89-2	323103	322011	322895	322670	0.18	cps
Zinc	66-2	137	160	130	142	11.08	cps
Zirconium	90-1	4826	4543	4826	4732	3.46	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:05:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	942	867	1033	947	8.81	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:08:09	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	175	92	150	33.79	cps
Antimony	121-1	3126	2967	2984	3025	2.88	cps
Arsenic	75-2	56	33	31	40	33.40	cps
Barium	135-1	2825	2909	2926	2887	1.86	cps
Barium	137-1	4935	4801	5351	5029	5.71	cps
Beryllium	9-1	406	339	383	376	9.03	cps
Bismuth	209-1	5681152	5632286	5666009	5659816	0.44	cps
Bismuth	209-2	1858160	1891121	1634346	1794542	7.79	cps
Boron	10-1	267	333	425	342	23.27	cps
Boron	11-1	1617	1608	1817	1681	7.02	cps
Cadmium	111-1	1832	1829	1649	1770	5.91	cps
Cadmium	106-1	1742	1675	1667	1695	2.43	cps
Cadmium	108-1	71	63	67	67	6.25	cps
Calcium	43-1	2117	2117	2275	2170	4.21	cps
Calcium	44-1	38504	37167	37543	37738	1.83	cps
Chromium	52-2	1083	1050	1000	1045	4.02	cps
Cobalt	59-2	673	710	610	664	7.61	cps
Copper	63-2	1437	1333	1393	1388	3.74	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	67	58	58	61	7.87	cps
Gadolinium	160-2	23	7	7	12	78.69	cps
Holmium	165-1	9406167	9257630	9320494	9328097	0.80	cps
Holmium	165-2	2420854	2416263	2132631	2323250	7.11	cps
Indium	115-1	8046739	8038224	7963441	8016135	0.57	cps
Indium	115-2	442784	440082	389326	424064	7.10	cps
Iron	56-2	12345	12673	11127	12048	6.76	cps
Iron	57-2	344	328	267	313	13.08	cps
Lead	206-1	2034	2184	2006	2074	4.61	cps
Lead	207-1	1756	1945	1834	1845	5.15	cps
Lead	208-1	8413	8807	8023	8414	4.66	cps
Lithium	6-1	803668	806150	806682	805500	0.20	cps
Magnesium	24-2	1267	1217	1075	1186	8.38	cps
Manganese	55-2	230	210	217	219	4.65	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:08:09	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2309	2475	2375	2386	3.52	cps
Molybdenum	95-1	1375	1367	1233	1325	6.00	cps
Molybdenum	96-1	1725	1583	1592	1634	4.87	cps
Molybdenum	97-1	833	892	758	828	8.08	cps
Molybdenum	98-1	2000	1817	1809	1875	5.78	cps
Neodymium	150-1	40	7	13	20	88.19	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	283	383	333	333	15.00	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	3751	3734	3542	3676	3.15	cps
Rhodium	103-1	7371180	7419256	7426417	7405618	0.41	cps
Rhodium	103-2	2260745	2294111	1985323	2180060	7.77	cps
Scandium	45-1	4203990	4181698	4151179	4178956	0.63	cps
Scandium	45-2	42631	43290	37781	41234	7.30	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	11	7	7	50.02	cps
Selenium	82-1	200	161	324	228	37.23	cps
Silicon	28-1	341620	336999	341118	339913	0.75	cps
Silver	109-1	2734	3109	2742	2862	7.48	cps
Silver	107-1	2900	2884	3134	2973	4.70	cps
Sodium	23-2	7486	7769	7060	7438	4.80	cps
Strontium	86-1	1792	1792	1700	1761	3.00	cps
Strontium	88-1	6952	6727	7061	6913	2.46	cps
Sulfur	34-1	311310	308678	310611	310200	0.44	cps
Terbium	159-1	9782672	9775164	9754341	9770726	0.15	cps
Terbium	159-2	2355017	2359008	2072819	2262282	7.25	cps
Thallium	203-1	2100	1742	1975	1939	9.38	cps
Thallium	205-1	4776	4693	4584	4684	2.05	cps
Tin	118-1	3209	3092	2767	3023	7.57	cps
Titanium	47-1	492	342	375	403	19.56	cps
Uranium	238-1	5318	5735	5943	5665	5.62	cps
Vanadium	51-2	253	240	207	233	10.30	cps
Yttrium	89-1	8375951	8273705	8379039	8342899	0.72	cps
Yttrium	89-2	323865	321684	281499	309016	7.72	cps
Zinc	66-2	133	120	120	124	6.19	cps
Zirconium	90-1	4584	5043	4351	4659	7.55	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:08:09	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1125	1025	1092	1081	4.71	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-11	Instrumnet Name :	P8
Client Sample ID :	IDL-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:11:19	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	100	125	108	13.33	cps
Antimony	121-1	2675	2867	2692	2745	3.87	cps
Arsenic	75-2	54	39	46	46	15.99	cps
Barium	135-1	2642	2967	2975	2862	6.64	cps
Barium	137-1	4801	4784	5118	4901	3.83	cps
Beryllium	9-1	328	272	294	298	9.38	cps
Bismuth	209-1	5419244	5735915	5618191	5591116	2.86	cps
Bismuth	209-2	1925831	1904497	1913540	1914623	0.56	cps
Boron	10-1	300	408	433	381	18.63	cps
Boron	11-1	1600	1809	1792	1734	6.68	cps
Cadmium	111-1	1558	1894	1818	1757	10.02	cps
Cadmium	106-1	1442	1934	1817	1731	14.85	cps
Cadmium	108-1	38	38	42	39	6.19	cps
Calcium	43-1	2384	2475	2359	2406	2.55	cps
Calcium	44-1	37902	39272	38036	38403	1.97	cps
Chromium	52-2	1017	1040	1067	1041	2.40	cps
Cobalt	59-2	683	647	650	660	3.07	cps
Copper	63-2	1350	1337	1577	1421	9.49	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	58	17	31	78.72	cps
Erbium	164-2	20	3	20	14	66.64	cps
Gadolinium	160-1	42	75	50	56	31.22	cps
Gadolinium	160-2	3	10	23	12	83.33	cps
Holmium	165-1	8846934	9407553	9399923	9218137	3.49	cps
Holmium	165-2	2526091	2451735	2462767	2480198	1.62	cps
Indium	115-1	7792867	8115831	8118987	8009228	2.34	cps
Indium	115-2	455543	448252	451025	451607	0.81	cps
Iron	56-2	11800	11844	12439	12028	2.97	cps
Iron	57-2	233	267	289	263	10.63	cps
Lead	206-1	1928	1845	2189	1987	9.04	cps
Lead	207-1	1900	1800	1984	1895	4.85	cps
Lead	208-1	8012	8101	8540	8218	3.44	cps
Lithium	6-1	775150	809964	807701	797605	2.44	cps
Magnesium	24-2	1242	1183	1100	1175	6.06	cps
Manganese	55-2	210	203	233	216	7.31	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-11	Instrumnet Name :	P8
Client Sample ID :	IDL-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:11:19	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2217	2242	2100	2186	3.46	cps
Molybdenum	95-1	1267	1000	1275	1181	13.25	cps
Molybdenum	96-1	1534	1467	1442	1481	3.20	cps
Molybdenum	97-1	700	883	675	753	15.11	cps
Molybdenum	98-1	1592	1842	1892	1775	9.06	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	297	353	320	9.26	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	3409	3976	4059	3815	9.27	cps
Rhodium	103-1	7066264	7381437	7428575	7292092	2.70	cps
Rhodium	103-2	2344149	2312596	2331676	2329474	0.68	cps
Scandium	45-1	3994897	4158434	4175270	4109533	2.42	cps
Scandium	45-2	44501	44520	43367	44129	1.50	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	19	11	13	14	27.17	cps
Selenium	82-1	218	198	113	176	31.54	cps
Silicon	28-1	336608	345582	343577	341922	1.38	cps
Silver	109-1	2709	2867	2767	2781	2.88	cps
Silver	107-1	2892	2975	2717	2862	4.61	cps
Sodium	23-2	7536	7244	7386	7388	1.98	cps
Strontium	86-1	1667	1875	1925	1822	7.52	cps
Strontium	88-1	6535	6460	6018	6338	4.41	cps
Sulfur	34-1	316301	316718	312550	315190	0.73	cps
Terbium	159-1	9325028	9767954	9800746	9631243	2.76	cps
Terbium	159-2	2433978	2409310	2394237	2412508	0.83	cps
Thallium	203-1	2017	1975	1809	1934	5.70	cps
Thallium	205-1	4534	4784	4418	4579	4.09	cps
Tin	118-1	3301	2800	3050	3050	8.20	cps
Titanium	47-1	467	408	333	403	16.59	cps
Uranium	238-1	5702	5785	5118	5535	6.57	cps
Vanadium	51-2	247	243	213	234	7.83	cps
Yttrium	89-1	7905937	8316117	8245214	8155756	2.69	cps
Yttrium	89-2	329276	327276	327457	328003	0.34	cps
Zinc	66-2	170	160	153	161	5.20	cps
Zirconium	90-1	4509	4576	4242	4443	3.97	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-11	Instrumnet Name :	P8
Client Sample ID :	IDL-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:11:19	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1017	933	933	961	5.01	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-12 Instrumnet Name : P8
 Client Sample ID : IDL-12 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 16:14:27 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	117	175	131	30.16	cps
Antimony	121-1	2650	2867	2917	2812	5.04	cps
Arsenic	75-2	41	31	22	31	29.42	cps
Barium	135-1	2942	2459	2909	2770	9.75	cps
Barium	137-1	4893	5143	5093	5043	2.62	cps
Beryllium	9-1	306	400	350	352	13.43	cps
Bismuth	209-1	5816590	5533605	5680129	5676774	2.49	cps
Bismuth	209-2	1923030	1914957	1911201	1916396	0.32	cps
Boron	10-1	375	325	375	358	8.06	cps
Boron	11-1	1658	1550	1417	1542	7.85	cps
Cadmium	111-1	1874	1647	1863	1795	7.15	cps
Cadmium	106-1	1942	1600	1734	1759	9.79	cps
Cadmium	108-1	50	33	54	46	24.06	cps
Calcium	43-1	2492	2017	2434	2314	11.20	cps
Calcium	44-1	39716	38705	37434	38618	2.96	cps
Chromium	52-2	1227	1020	1030	1092	10.67	cps
Cobalt	59-2	670	723	680	691	4.10	cps
Copper	63-2	1410	1430	1477	1439	2.38	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	0	83	17	33	132.28	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	17	7	23	16	53.90	cps
Holmium	165-1	9671397	9160206	9404682	9412095	2.72	cps
Holmium	165-2	2514453	2466730	2479930	2487038	0.99	cps
Indium	115-1	8218291	7921661	8072887	8070947	1.84	cps
Indium	115-2	454163	452023	451114	452433	0.35	cps
Iron	56-2	12523	12589	12300	12471	1.21	cps
Iron	57-2	394	306	333	344	13.20	cps
Lead	206-1	2056	1861	2095	2004	6.24	cps
Lead	207-1	2117	1906	1917	1980	6.00	cps
Lead	208-1	8485	8151	8546	8394	2.53	cps
Lithium	6-1	821748	801016	813270	812011	1.28	cps
Magnesium	24-2	1350	1000	1075	1142	16.14	cps
Manganese	55-2	213	190	207	203	5.91	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-12	Instrumnet Name :	P8
Client Sample ID :	IDL-12	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:14:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2234	2484	2450	2389	5.68	cps
Molybdenum	95-1	1225	1475	1142	1281	13.55	cps
Molybdenum	96-1	1609	1467	1859	1645	12.06	cps
Molybdenum	97-1	800	892	742	811	9.32	cps
Molybdenum	98-1	1709	1917	1817	1814	5.74	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	413	313	377	368	13.76	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	3917	3917	3534	3790	5.84	cps
Rhodium	103-1	7615344	7283503	7419861	7439569	2.24	cps
Rhodium	103-2	2318288	2327010	2312134	2319144	0.32	cps
Scandium	45-1	4274540	4078626	4164998	4172721	2.35	cps
Scandium	45-2	44922	44039	44256	44406	1.04	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	17	6	11	11	49.99	cps
Selenium	82-1	202	285	218	235	18.76	cps
Silicon	28-1	344920	343729	344677	344442	0.18	cps
Silver	109-1	3242	2709	2809	2920	9.71	cps
Silver	107-1	2892	2942	2950	2928	1.08	cps
Sodium	23-2	7277	7160	7744	7394	4.18	cps
Strontium	86-1	1667	1675	1609	1650	2.20	cps
Strontium	88-1	6402	6919	7210	6844	5.98	cps
Sulfur	34-1	320737	319560	321393	320563	0.29	cps
Terbium	159-1	10093417	9717509	9860300	9890409	1.92	cps
Terbium	159-2	2431240	2434022	2423668	2429643	0.22	cps
Thallium	203-1	2067	2009	1809	1961	6.91	cps
Thallium	205-1	4676	4734	4709	4707	0.62	cps
Tin	118-1	3192	3342	3151	3228	3.12	cps
Titanium	47-1	533	375	308	406	28.50	cps
Uranium	238-1	5476	5443	5727	5549	2.79	cps
Vanadium	51-2	207	230	253	230	10.15	cps
Yttrium	89-1	8467550	8267332	8372578	8369154	1.20	cps
Yttrium	89-2	329309	327873	328646	328610	0.22	cps
Zinc	66-2	147	167	170	161	7.83	cps
Zirconium	90-1	4309	4651	5243	4734	9.98	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-12	Instrumnet Name :	P8
Client Sample ID :	IDL-12	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:14:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1058	1342	925	1108	19.20	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-13	Instrumnet Name :	P8
Client Sample ID :	IDL-13	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:17:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	150	133	144	6.66	cps
Antimony	121-1	2859	2725	3142	2909	7.32	cps
Arsenic	75-2	46	35	43	41	13.68	cps
Barium	135-1	2892	2842	2684	2806	3.88	cps
Barium	137-1	4718	5418	4709	4948	8.22	cps
Beryllium	9-1	344	306	344	331	6.77	cps
Bismuth	209-1	5726375	5629606	5741092	5699025	1.06	cps
Bismuth	209-2	1944894	1900620	1783636	1876383	4.44	cps
Boron	10-1	267	225	375	289	26.80	cps
Boron	11-1	1292	1375	1267	1311	4.33	cps
Cadmium	111-1	1865	1741	1867	1824	3.97	cps
Cadmium	106-1	1759	1634	1709	1700	3.70	cps
Cadmium	108-1	17	46	42	35	45.42	cps
Calcium	43-1	2142	2242	2109	2164	3.21	cps
Calcium	44-1	38512	37969	38044	38175	0.77	cps
Chromium	52-2	1093	1083	1120	1099	1.72	cps
Cobalt	59-2	660	640	650	650	1.54	cps
Copper	63-2	1437	1580	1490	1502	4.82	cps
Dysprosium	156-1	33	42	25	33	25.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	58	67	56	22.91	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	58	83	133	92	41.66	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	9395199	9326604	9386240	9369348	0.40	cps
Holmium	165-2	2529741	2470673	2301535	2433983	4.87	cps
Indium	115-1	8189146	8224971	8226731	8213616	0.26	cps
Indium	115-2	459820	453120	425608	446183	4.06	cps
Iron	56-2	12773	11961	12901	12545	4.06	cps
Iron	57-2	283	311	328	307	7.30	cps
Lead	206-1	1984	1828	1972	1928	4.50	cps
Lead	207-1	1839	1922	1972	1911	3.52	cps
Lead	208-1	8224	8224	8335	8261	0.78	cps
Lithium	6-1	814332	814981	823515	817609	0.63	cps
Magnesium	24-2	1183	1133	1267	1195	5.64	cps
Manganese	55-2	173	217	217	202	12.37	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-13	Instrumnet Name :	P8
Client Sample ID :	IDL-13	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:17:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2250	2234	2309	2264	1.74	cps
Molybdenum	95-1	1225	1217	1275	1239	2.55	cps
Molybdenum	96-1	1433	1617	1642	1564	7.27	cps
Molybdenum	97-1	833	750	775	786	5.44	cps
Molybdenum	98-1	2009	1817	1967	1931	5.22	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	357	270	290	306	14.85	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	3751	3667	4201	3873	7.41	cps
Rhodium	103-1	7495446	7471022	7548223	7504897	0.53	cps
Rhodium	103-2	2325303	2304182	2171727	2267071	3.67	cps
Scandium	45-1	4230859	4262128	4274727	4255905	0.53	cps
Scandium	45-2	44564	44367	41365	43432	4.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	9	9	10	10.81	cps
Selenium	82-1	258	179	179	206	22.23	cps
Silicon	28-1	345145	336285	341513	340981	1.31	cps
Silver	109-1	2817	2692	2650	2720	3.19	cps
Silver	107-1	3050	3192	3159	3134	2.36	cps
Sodium	23-2	7094	7194	7210	7166	0.88	cps
Strontium	86-1	1850	1759	1634	1747	6.23	cps
Strontium	88-1	7177	7069	6777	7008	2.95	cps
Sulfur	34-1	320864	322800	319990	321218	0.45	cps
Terbium	159-1	9765503	9879169	9972277	9872316	1.05	cps
Terbium	159-2	2438900	2418389	2264650	2373980	4.01	cps
Thallium	203-1	1967	2009	1917	1964	2.34	cps
Thallium	205-1	4559	4476	4851	4629	4.26	cps
Tin	118-1	3159	3167	2934	3087	4.29	cps
Titanium	47-1	450	517	400	456	12.85	cps
Uranium	238-1	5627	5843	5952	5807	2.85	cps
Vanadium	51-2	253	270	200	241	15.16	cps
Yttrium	89-1	8425471	8521560	8481148	8476060	0.57	cps
Yttrium	89-2	333382	330060	307241	323561	4.40	cps
Zinc	66-2	247	193	247	229	13.45	cps
Zirconium	90-1	4893	4459	4743	4698	4.69	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-13	Instrumnet Name :	P8
Client Sample ID :	IDL-13	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:17:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	975	1025	1075	1025	4.88	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:20:45	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	133	167	144	13.33	cps
Antimony	121-1	2925	2775	3117	2939	5.83	cps
Arsenic	75-2	44	59	39	48	22.15	cps
Barium	135-1	2667	2759	2742	2723	1.79	cps
Barium	137-1	4984	5018	5326	5110	3.69	cps
Beryllium	9-1	306	372	333	337	9.94	cps
Bismuth	209-1	5787168	5696503	5777227	5753632	0.86	cps
Bismuth	209-2	1929648	1896293	1909624	1911855	0.88	cps
Boron	10-1	308	317	208	278	21.70	cps
Boron	11-1	1000	1125	1283	1136	12.50	cps
Cadmium	111-1	1845	1922	1954	1907	2.94	cps
Cadmium	106-1	1792	1950	1975	1906	5.22	cps
Cadmium	108-1	79	50	29	53	47.59	cps
Calcium	43-1	2092	2267	2217	2192	4.11	cps
Calcium	44-1	39674	38462	38395	38844	1.85	cps
Chromium	52-2	1123	997	1133	1085	7.03	cps
Cobalt	59-2	713	650	657	673	5.17	cps
Copper	63-2	1457	1397	1337	1397	4.30	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	58	83	53	63.81	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	50	75	67	64	19.92	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	9601150	9550740	9413305	9521732	1.02	cps
Holmium	165-2	2464116	2481928	2472160	2472735	0.36	cps
Indium	115-1	8284625	8251593	8164809	8233676	0.75	cps
Indium	115-2	455713	453042	451675	453476	0.45	cps
Iron	56-2	12178	12823	12050	12350	3.35	cps
Iron	57-2	306	261	322	296	10.66	cps
Lead	206-1	2545	2428	2317	2430	4.69	cps
Lead	207-1	2350	2067	2267	2228	6.54	cps
Lead	208-1	10191	9713	9652	9852	3.00	cps
Lithium	6-1	823345	818717	821919	821327	0.29	cps
Magnesium	24-2	1258	1200	1017	1158	10.89	cps
Manganese	55-2	210	237	320	256	22.45	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:20:45	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2184	2442	2367	2331	5.70	cps
Molybdenum	95-1	1033	1050	1275	1120	12.06	cps
Molybdenum	96-1	1508	1692	1675	1625	6.24	cps
Molybdenum	97-1	850	758	675	761	11.50	cps
Molybdenum	98-1	1850	1650	1800	1767	5.89	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	350	340	380	357	5.84	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	3984	3734	3676	3798	4.31	cps
Rhodium	103-1	7663399	7545753	7446014	7551722	1.44	cps
Rhodium	103-2	2334901	2294427	2321613	2316980	0.89	cps
Scandium	45-1	4286065	4312969	4226111	4275048	1.04	cps
Scandium	45-2	44618	44470	44457	44515	0.20	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	13	6	11	10	38.99	cps
Selenium	82-1	250	134	273	219	33.95	cps
Silicon	28-1	346538	343625	342200	344121	0.64	cps
Silver	109-1	2800	2692	2825	2773	2.56	cps
Silver	107-1	2842	2817	2975	2878	2.96	cps
Sodium	23-2	7152	6902	7260	7105	2.59	cps
Strontium	86-1	1767	2017	1517	1767	14.15	cps
Strontium	88-1	6343	6910	6969	6741	5.12	cps
Sulfur	34-1	319052	317296	317758	318036	0.29	cps
Terbium	159-1	10035640	9883563	9860665	9926623	0.96	cps
Terbium	159-2	2422509	2376393	2409738	2402880	0.99	cps
Thallium	203-1	1742	1917	1875	1845	4.96	cps
Thallium	205-1	4609	4651	4659	4640	0.58	cps
Tin	118-1	3417	3034	2734	3062	11.19	cps
Titanium	47-1	417	358	375	383	7.84	cps
Uranium	238-1	5952	6018	5193	5721	8.01	cps
Vanadium	51-2	223	277	213	238	14.32	cps
Yttrium	89-1	8501962	8542384	8370618	8471655	1.06	cps
Yttrium	89-2	330885	330939	330771	330865	0.03	cps
Zinc	66-2	130	140	210	160	27.25	cps
Zirconium	90-1	4977	4701	4576	4751	4.32	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:20:45	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1033	1083	942	1020	7.05	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:23:55	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	398837	396063	393367	396089	0.69	cps
Antimony	121-1	5581544	5588866	5502737	5557716	0.86	cps
Arsenic	75-2	68794	68781	68675	68750	0.09	cps
Barium	135-1	5716530	5731548	5743527	5730535	0.24	cps
Barium	137-1	9985944	9945766	9967484	9966398	0.20	cps
Beryllium	9-1	510207	510303	512988	511166	0.31	cps
Bismuth	209-1	5686598	5784597	5735111	5735435	0.85	cps
Bismuth	209-2	1636459	1748240	1750279	1711659	3.81	cps
Boron	10-1	62260	62085	62696	62347	0.50	cps
Boron	11-1	286251	292610	290801	289887	1.13	cps
Cadmium	111-1	1154344	1153776	1149155	1152425	0.25	cps
Cadmium	106-1	119383	119436	119888	119569	0.23	cps
Cadmium	108-1	79943	79303	80803	80016	0.94	cps
Calcium	43-1	5233074	5234373	5224952	5230800	0.10	cps
Calcium	44-1	85362956	85848737	85167014	85459569	0.41	cps
Chromium	52-2	563325	556058	551026	556803	1.11	cps
Cobalt	59-2	1150913	1142119	1138609	1143880	0.55	cps
Copper	63-2	2033276	1986709	1957682	1992556	1.91	cps
Dysprosium	156-1	108	100	133	114	15.23	cps
Dysprosium	156-2	10	37	3	17	105.85	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	167	92	142	133	28.64	cps
Gadolinium	160-2	30	27	30	29	6.65	cps
Holmium	165-1	9685516	9750547	9846184	9760749	0.83	cps
Holmium	165-2	2300759	2432661	2420832	2384751	3.06	cps
Indium	115-1	7854802	7871631	7883217	7869883	0.18	cps
Indium	115-2	387737	417089	415510	406778	4.06	cps
Iron	56-2	92122158	92105919	91293549	91840542	0.52	cps
Iron	57-2	2363061	2346618	2324856	2344845	0.82	cps
Lead	206-1	3145707	3192645	3160797	3166383	0.76	cps
Lead	207-1	2926214	2921911	2867289	2905138	1.13	cps
Lead	208-1	12952702	12947843	12775656	12892067	0.78	cps
Lithium	6-1	778232	791921	788053	786068	0.90	cps
Magnesium	24-2	9477694	9484839	9386912	9449815	0.58	cps
Manganese	55-2	322547	322994	317866	321135	0.88	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:23:55	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4288975	4269647	4308225	4288949	0.45	cps
Molybdenum	95-1	2364604	2373121	2361644	2366457	0.25	cps
Molybdenum	96-1	3030341	3059920	3049570	3046610	0.49	cps
Molybdenum	97-1	1453799	1447871	1432720	1444797	0.75	cps
Molybdenum	98-1	3729570	3742504	3706352	3726142	0.49	cps
Neodymium	150-1	287	267	307	287	6.98	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	335766	329662	330472	331966	1.00	cps
Phosphorus	31-2	5960	5860	5902	5907	0.85	cps
Potassium	39-2	3007005	2982740	2980658	2990134	0.49	cps
Rhodium	103-1	7049450	7056622	6978618	7028230	0.61	cps
Rhodium	103-2	1977840	2102302	2101960	2060701	3.48	cps
Scandium	45-1	4218337	4218106	4185167	4207203	0.45	cps
Scandium	45-2	40338	43651	42849	42279	4.09	cps
Selenium	77-2	570	447	473	497	13.07	cps
Selenium	78-2	1798	1776	1733	1769	1.86	cps
Selenium	82-1	69980	68427	68274	68894	1.37	cps
Silicon	28-1	2264382	2288546	2253372	2268767	0.79	cps
Silver	109-1	5421853	5437787	5410214	5423285	0.26	cps
Silver	107-1	5611631	5659432	5628439	5633168	0.43	cps
Sodium	23-2	22870555	22856029	22348598	22691727	1.31	cps
Strontium	86-1	1555212	1562622	1545746	1554527	0.54	cps
Strontium	88-1	13172385	13279894	13077825	13176701	0.77	cps
Sulfur	34-1	611029	612246	611603	611626	0.10	cps
Terbium	159-1	10154396	10190323	10205151	10183290	0.26	cps
Terbium	159-2	2224426	2353534	2380819	2319593	3.60	cps
Thallium	203-1	3896269	3926265	3952433	3924989	0.72	cps
Thallium	205-1	9261409	9318468	9262714	9280863	0.35	cps
Tin	118-1	3861432	3876554	3882002	3873329	0.28	cps
Titanium	47-1	544056	544650	539454	542720	0.52	cps
Uranium	238-1	11893197	12061652	12264972	12073274	1.54	cps
Vanadium	51-2	418736	418083	418248	418356	0.08	cps
Yttrium	89-1	8266724	8327363	8360902	8318330	0.57	cps
Yttrium	89-2	291252	312172	314077	305834	4.14	cps
Zinc	66-2	181559	178914	178897	179790	0.85	cps
Zirconium	90-1	8242168	8270005	8254274	8255482	0.17	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:23:55	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1855606	1837951	1824991	1839516	0.84	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : CCB60 Instrumnet Name : P8
 Client Sample ID : CCB60 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 16:39:24 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	0	14	91.65	cps
Antimony	121-1	583	467	525	525	11.11	cps
Arsenic	75-2	4	0	7	4	100.05	cps
Barium	135-1	33	42	67	47	36.74	cps
Barium	137-1	42	42	75	53	36.46	cps
Beryllium	9-1	61	56	100	72	33.53	cps
Bismuth	209-1	5533520	5811266	5658395	5667727	2.45	cps
Bismuth	209-2	1855073	1857546	1854275	1855631	0.09	cps
Boron	10-1	392	350	383	375	5.88	cps
Boron	11-1	1867	1900	1909	1892	1.17	cps
Cadmium	111-1	1171	1175	1186	1177	0.64	cps
Cadmium	106-1	1684	1684	1709	1692	0.85	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Calcium	43-1	1717	1642	1592	1650	3.81	cps
Calcium	44-1	28931	29114	29332	29125	0.69	cps
Chromium	52-2	760	780	810	783	3.21	cps
Cobalt	59-2	70	37	37	48	40.27	cps
Copper	63-2	250	290	233	258	11.30	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	20	10	7	12	56.76	cps
Gadolinium	160-1	75	108	50	78	37.63	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	9052807	9427859	9440571	9307079	2.37	cps
Holmium	165-2	2377028	2415942	2441449	2411473	1.35	cps
Indium	115-1	7825214	8193058	8151115	8056462	2.50	cps
Indium	115-2	433124	442694	443887	439901	1.34	cps
Iron	56-2	2267	2022	2134	2141	5.72	cps
Iron	57-2	56	122	61	80	46.46	cps
Lead	206-1	572	478	550	533	9.26	cps
Lead	207-1	439	417	467	441	5.68	cps
Lead	208-1	2172	2256	2106	2178	3.45	cps
Lithium	6-1	790821	824812	817968	811200	2.22	cps
Magnesium	24-2	208	250	150	203	24.77	cps
Manganese	55-2	37	40	57	44	24.11	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:39:24	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	333	300	331	8.85	cps
Molybdenum	95-1	50	67	33	50	33.34	cps
Molybdenum	96-1	175	150	92	139	30.79	cps
Molybdenum	97-1	75	67	100	81	21.54	cps
Molybdenum	98-1	92	67	92	83	17.32	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	163	150	153	156	4.46	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	3467	3326	3526	3439	2.99	cps
Rhodium	103-1	7135970	7514876	7436414	7362420	2.72	cps
Rhodium	103-2	2219592	2256667	2246462	2240907	0.85	cps
Scandium	45-1	4028075	4181936	4194519	4134843	2.24	cps
Scandium	45-2	41806	43875	43257	42979	2.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	11	-29	-10	-9	-220.52	cps
Silicon	28-1	333390	344699	344375	340821	1.89	cps
Silver	109-1	50	108	158	106	51.37	cps
Silver	107-1	125	108	167	133	22.54	cps
Sodium	23-2	5576	5718	6127	5807	4.92	cps
Strontium	86-1	1025	917	992	978	5.68	cps
Strontium	88-1	217	117	167	167	30.00	cps
Sulfur	34-1	310846	316007	313574	313476	0.82	cps
Terbium	159-1	9455840	9907908	9930288	9764679	2.74	cps
Terbium	159-2	2283878	2330233	2348567	2320892	1.44	cps
Thallium	203-1	150	108	133	131	16.06	cps
Thallium	205-1	358	283	283	308	14.04	cps
Tin	118-1	967	1125	1025	1039	7.71	cps
Titanium	47-1	92	108	167	122	32.22	cps
Uranium	238-1	67	100	67	78	24.75	cps
Vanadium	51-2	23	3	17	14	70.51	cps
Yttrium	89-1	8002595	8473011	8342245	8272617	2.94	cps
Yttrium	89-2	310265	319272	320187	316575	1.73	cps
Zinc	66-2	10	43	17	23	75.58	cps
Zirconium	90-1	742	658	717	706	6.06	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:39:24	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	200	175	178	11.80	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-15	Instrumnet Name :	P8
Client Sample ID :	IDL-15	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:42:32	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	117	125	92	55.30	cps
Antimony	121-1	3151	2984	3026	3053	2.84	cps
Arsenic	75-2	43	65	39	49	28.76	cps
Barium	135-1	3134	3134	3075	3114	1.08	cps
Barium	137-1	4893	5160	4676	4909	4.93	cps
Beryllium	9-1	356	361	333	350	4.20	cps
Bismuth	209-1	5569362	5570458	5218725	5452848	3.72	cps
Bismuth	209-2	1807441	1827446	1835796	1823561	0.80	cps
Boron	10-1	408	333	283	342	18.41	cps
Boron	11-1	1900	1867	1684	1817	6.42	cps
Cadmium	111-1	1864	1747	1545	1718	9.37	cps
Cadmium	106-1	1800	1692	1467	1653	10.29	cps
Cadmium	108-1	67	42	33	47	36.74	cps
Calcium	43-1	2234	2125	1900	2086	8.15	cps
Calcium	44-1	37635	38329	36991	37651	1.78	cps
Chromium	52-2	987	1160	1113	1087	8.25	cps
Cobalt	59-2	620	717	693	677	7.45	cps
Copper	63-2	1433	1507	1463	1468	2.51	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	42	58	50	50	16.67	cps
Gadolinium	160-2	17	3	0	7	132.33	cps
Holmium	165-1	9143886	9219864	8470228	8944660	4.61	cps
Holmium	165-2	2365815	2379821	2369323	2371653	0.31	cps
Indium	115-1	7939427	7964477	7347930	7750611	4.50	cps
Indium	115-2	431927	434217	433615	433253	0.27	cps
Iron	56-2	12000	12901	12200	12367	3.82	cps
Iron	57-2	306	294	333	311	6.44	cps
Lead	206-1	2206	2234	1995	2145	6.09	cps
Lead	207-1	1972	1778	1878	1876	5.18	cps
Lead	208-1	8501	8429	8057	8329	2.86	cps
Lithium	6-1	790539	805593	742839	779657	4.20	cps
Magnesium	24-2	1258	1133	1167	1186	5.46	cps
Manganese	55-2	190	210	270	223	18.64	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-15	Instrumnet Name :	P8
Client Sample ID :	IDL-15	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:42:32	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2225	2342	2125	2231	4.86	cps
Molybdenum	95-1	1167	1258	1217	1214	3.78	cps
Molybdenum	96-1	1483	1734	1525	1581	8.48	cps
Molybdenum	97-1	675	850	642	722	15.50	cps
Molybdenum	98-1	1850	1917	1825	1864	2.54	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	363	393	430	396	8.44	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3742	4051	3651	3815	5.50	cps
Rhodium	103-1	7280605	7250740	6707289	7079545	4.56	cps
Rhodium	103-2	2205758	2214258	2213269	2211095	0.21	cps
Scandium	45-1	4077424	4096153	3750776	3974784	4.89	cps
Scandium	45-2	41669	42755	42695	42373	1.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	17	11	4	10	62.01	cps
Selenium	82-1	175	235	126	179	30.73	cps
Silicon	28-1	343587	336976	346643	342402	1.44	cps
Silver	109-1	3142	2900	2675	2906	8.03	cps
Silver	107-1	3117	2984	2867	2989	4.19	cps
Sodium	23-2	7502	8161	8103	7922	4.60	cps
Strontium	86-1	1867	1675	1375	1639	15.12	cps
Strontium	88-1	6919	7069	5977	6655	8.90	cps
Sulfur	34-1	313996	318466	310102	314188	1.33	cps
Terbium	159-1	9660096	9639019	8914727	9404614	4.51	cps
Terbium	159-2	2288745	2287166	2298849	2291587	0.28	cps
Thallium	203-1	2117	2284	2117	2173	4.43	cps
Thallium	205-1	5176	4734	4401	4771	8.15	cps
Tin	118-1	2850	2884	2817	2850	1.17	cps
Titanium	47-1	417	400	358	392	7.67	cps
Uranium	238-1	5818	6010	5577	5802	3.74	cps
Vanadium	51-2	240	233	210	228	6.92	cps
Yttrium	89-1	8084919	8139998	7562571	7929163	4.02	cps
Yttrium	89-2	312378	312840	313213	312810	0.13	cps
Zinc	66-2	127	80	157	121	31.90	cps
Zirconium	90-1	4559	4909	4134	4534	8.56	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-15	Instrumnet Name :	P8
Client Sample ID :	IDL-15	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:42:32	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	975	967	850	931	7.51	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:45:43	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	142	75	94	43.53	cps
Antimony	121-1	3301	3075	3417	3264	5.32	cps
Arsenic	75-2	39	37	44	40	9.60	cps
Barium	135-1	3376	3092	3267	3245	4.41	cps
Barium	137-1	5777	5326	5485	5529	4.13	cps
Beryllium	9-1	344	389	383	372	6.51	cps
Bismuth	209-1	5744138	5808525	5801958	5784874	0.61	cps
Bismuth	209-2	1894368	1911167	1908061	1904532	0.47	cps
Boron	10-1	358	308	400	356	12.91	cps
Boron	11-1	1809	1383	1533	1575	13.69	cps
Cadmium	111-1	1878	1785	1979	1881	5.15	cps
Cadmium	106-1	1642	1675	1842	1720	6.23	cps
Cadmium	108-1	54	42	63	53	19.86	cps
Calcium	43-1	2292	2059	2234	2195	5.53	cps
Calcium	44-1	39490	39498	38980	39323	0.75	cps
Chromium	52-2	1180	1060	1123	1121	5.35	cps
Cobalt	59-2	737	730	677	714	4.60	cps
Copper	63-2	1503	1440	1440	1461	2.50	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	50	58	25	44	39.04	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	50	58	58	56	8.67	cps
Gadolinium	160-2	7	0	20	9	114.55	cps
Holmium	165-1	9522413	9556347	9525864	9534875	0.20	cps
Holmium	165-2	2461784	2455024	2438520	2451776	0.49	cps
Indium	115-1	8227940	8301464	8206715	8245373	0.60	cps
Indium	115-2	449627	447124	449991	448914	0.35	cps
Iron	56-2	13051	13129	13418	13199	1.46	cps
Iron	57-2	311	350	333	331	5.89	cps
Lead	206-1	2139	2145	2306	2197	4.31	cps
Lead	207-1	2122	1828	1950	1967	7.52	cps
Lead	208-1	8846	8963	9079	8963	1.30	cps
Lithium	6-1	823289	833378	834524	830397	0.74	cps
Magnesium	24-2	1292	1192	1233	1239	4.05	cps
Manganese	55-2	230	257	217	234	8.69	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:45:43	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2609	2584	2434	2542	3.72	cps
Molybdenum	95-1	1333	1275	1358	1322	3.23	cps
Molybdenum	96-1	1634	1659	1617	1636	1.28	cps
Molybdenum	97-1	833	1058	775	889	16.83	cps
Molybdenum	98-1	2100	2259	1959	2106	7.13	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	337	387	363	362	6.91	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	3784	4067	3709	3853	4.91	cps
Rhodium	103-1	7500251	7497385	7590389	7529342	0.70	cps
Rhodium	103-2	2300792	2298572	2273647	2291004	0.66	cps
Scandium	45-1	4223784	4236196	4248642	4236207	0.29	cps
Scandium	45-2	44450	44397	44283	44377	0.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	13	6	12	48.22	cps
Selenium	82-1	253	132	211	199	30.93	cps
Silicon	28-1	342382	342962	346662	344002	0.67	cps
Silver	109-1	2925	2809	3351	3028	9.42	cps
Silver	107-1	3392	3251	3417	3353	2.68	cps
Sodium	23-2	8194	7361	7828	7794	5.36	cps
Strontium	86-1	1684	1717	1650	1684	1.98	cps
Strontium	88-1	7336	6952	7336	7208	3.07	cps
Sulfur	34-1	319190	318618	314514	317440	0.80	cps
Terbium	159-1	9888786	9975236	9948462	9937494	0.45	cps
Terbium	159-2	2400467	2423458	2354991	2392972	1.46	cps
Thallium	203-1	1967	2417	2350	2245	10.82	cps
Thallium	205-1	5201	5118	5660	5326	5.48	cps
Tin	118-1	3125	2800	2967	2964	5.48	cps
Titanium	47-1	333	467	375	392	17.42	cps
Uranium	238-1	6502	6352	6210	6355	2.30	cps
Vanadium	51-2	160	240	260	220	24.05	cps
Yttrium	89-1	8407746	8477158	8483687	8456197	0.50	cps
Yttrium	89-2	325889	328541	325482	326637	0.51	cps
Zinc	66-2	150	117	157	141	15.19	cps
Zirconium	90-1	5060	5009	4809	4959	2.67	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:45:43	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	958	1083	1058	1033	6.40	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:48:51	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	50	92	83	36.06	cps
Antimony	121-1	3376	2834	3092	3101	8.74	cps
Arsenic	75-2	39	44	41	41	6.85	cps
Barium	135-1	3301	2900	3059	3087	6.53	cps
Barium	137-1	5051	5426	5501	5326	4.53	cps
Beryllium	9-1	322	322	294	313	5.12	cps
Bismuth	209-1	5788130	5727289	5697502	5737640	0.81	cps
Bismuth	209-2	1944188	1820511	1908921	1891207	3.37	cps
Boron	10-1	367	392	258	339	20.91	cps
Boron	11-1	1483	1483	1450	1472	1.31	cps
Cadmium	111-1	1806	1768	1785	1786	1.05	cps
Cadmium	106-1	1609	1825	1700	1711	6.36	cps
Cadmium	108-1	29	38	67	44	44.30	cps
Calcium	43-1	2425	2375	2392	2398	1.06	cps
Calcium	44-1	39181	40209	37869	39086	3.00	cps
Chromium	52-2	1047	1083	1090	1073	2.17	cps
Cobalt	59-2	610	610	637	619	2.49	cps
Copper	63-2	1480	1490	1487	1486	0.34	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	67	42	44	47.19	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	83	67	33	61	41.67	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Holmium	165-1	9536409	9565171	9402515	9501365	0.91	cps
Holmium	165-2	2486536	2328393	2483335	2432755	3.72	cps
Indium	115-1	8313514	8261856	8176032	8250467	0.84	cps
Indium	115-2	458211	425709	453404	445775	3.94	cps
Iron	56-2	13095	12612	12801	12836	1.90	cps
Iron	57-2	389	356	333	359	7.78	cps
Lead	206-1	2195	2161	2072	2143	2.95	cps
Lead	207-1	1872	2084	2017	1991	5.42	cps
Lead	208-1	8785	9146	8446	8792	3.98	cps
Lithium	6-1	827604	823009	827071	825895	0.30	cps
Magnesium	24-2	1358	1317	1208	1295	5.98	cps
Manganese	55-2	220	187	233	213	11.27	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:48:51	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2600	2467	2292	2453	6.30	cps
Molybdenum	95-1	1275	1350	1167	1264	7.29	cps
Molybdenum	96-1	1734	1742	1709	1728	1.00	cps
Molybdenum	97-1	750	808	808	789	4.27	cps
Molybdenum	98-1	1767	1900	1875	1847	3.84	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	350	337	300	329	7.87	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	3792	3542	3634	3656	3.46	cps
Rhodium	103-1	7564683	7512937	7499594	7525738	0.46	cps
Rhodium	103-2	2352208	2207903	2313261	2291124	3.26	cps
Scandium	45-1	4254916	4268956	4278623	4267498	0.28	cps
Scandium	45-2	44838	41706	44540	43695	3.96	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	15	13	15	14	7.56	cps
Selenium	82-1	194	317	227	246	25.82	cps
Silicon	28-1	337969	346380	341536	341962	1.23	cps
Silver	109-1	2967	2700	3092	2920	6.85	cps
Silver	107-1	3292	3276	3109	3226	3.14	cps
Sodium	23-2	7686	7469	7828	7661	2.36	cps
Strontium	86-1	1692	1725	1600	1672	3.87	cps
Strontium	88-1	6860	7486	7536	7294	5.16	cps
Sulfur	34-1	320595	318816	317510	318974	0.49	cps
Terbium	159-1	9975357	9931459	9856734	9921183	0.60	cps
Terbium	159-2	2462323	2264706	2405540	2377523	4.28	cps
Thallium	203-1	2409	2050	2134	2198	8.53	cps
Thallium	205-1	5110	4818	4968	4965	2.94	cps
Tin	118-1	2950	2959	2742	2884	4.26	cps
Titanium	47-1	508	383	400	431	15.76	cps
Uranium	238-1	6102	5568	5985	5885	4.77	cps
Vanadium	51-2	197	217	267	227	15.91	cps
Yttrium	89-1	8498286	8489070	8468619	8485325	0.18	cps
Yttrium	89-2	333772	310152	328439	324121	3.82	cps
Zinc	66-2	123	213	173	170	26.52	cps
Zirconium	90-1	5051	5143	4701	4965	4.70	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:48:51	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1075	875	1083	1011	11.67	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:51:59	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	92	58	69	27.71	cps
Antimony	121-1	3184	2967	3167	3106	3.88	cps
Arsenic	75-2	26	37	35	33	18.19	cps
Barium	135-1	3142	3101	2809	3017	6.02	cps
Barium	137-1	5360	5360	5376	5365	0.18	cps
Beryllium	9-1	322	378	378	359	8.93	cps
Bismuth	209-1	5668263	5669091	5701266	5679540	0.33	cps
Bismuth	209-2	1932233	1878930	1901328	1904164	1.41	cps
Boron	10-1	242	275	308	275	12.12	cps
Boron	11-1	1242	1242	1200	1228	1.96	cps
Cadmium	111-1	1831	1708	1768	1769	3.50	cps
Cadmium	106-1	1709	1592	1567	1622	4.66	cps
Cadmium	108-1	63	33	42	46	32.78	cps
Calcium	43-1	1992	2167	2267	2142	6.50	cps
Calcium	44-1	38612	39139	39448	39066	1.08	cps
Chromium	52-2	1113	1113	1123	1117	0.52	cps
Cobalt	59-2	803	743	740	762	4.68	cps
Copper	63-2	1487	1377	1450	1438	3.90	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	17	7	0	8	107.84	cps
Gadolinium	160-1	42	67	75	61	28.38	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	9523061	9338299	9364693	9408684	1.06	cps
Holmium	165-2	2490524	2407607	2467068	2455066	1.74	cps
Indium	115-1	8148230	8161442	8157902	8155858	0.08	cps
Indium	115-2	457695	449860	452919	453491	0.87	cps
Iron	56-2	13329	12812	13095	13079	1.98	cps
Iron	57-2	250	294	428	324	28.55	cps
Lead	206-1	2050	2084	2300	2145	6.33	cps
Lead	207-1	1795	2022	1928	1915	5.98	cps
Lead	208-1	8201	8668	9018	8629	4.75	cps
Lithium	6-1	820504	819913	822979	821132	0.20	cps
Magnesium	24-2	1458	1242	1200	1300	10.67	cps
Manganese	55-2	280	250	213	248	13.48	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:51:59	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2625	2609	2867	2700	5.36	cps
Molybdenum	95-1	1158	1150	1450	1253	13.64	cps
Molybdenum	96-1	1834	1809	1717	1786	3.44	cps
Molybdenum	97-1	750	958	908	872	12.47	cps
Molybdenum	98-1	2084	1934	1925	1981	4.50	cps
Neodymium	150-1	0	33	0	11	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	343	340	403	362	9.84	cps
Phosphorus	31-2	0	0	33	11	173.21	cps
Potassium	39-2	3992	3917	4001	3970	1.16	cps
Rhodium	103-1	7571594	7521715	7482384	7525231	0.59	cps
Rhodium	103-2	2336845	2308283	2325232	2323453	0.62	cps
Scandium	45-1	4276441	4248002	4239725	4254723	0.45	cps
Scandium	45-2	45300	42939	44898	44379	2.85	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	19	4	15	12	62.48	cps
Selenium	82-1	210	242	232	228	7.09	cps
Silicon	28-1	347632	339703	339951	342429	1.32	cps
Silver	109-1	3351	3176	3251	3259	2.70	cps
Silver	107-1	3309	3042	3301	3217	4.71	cps
Sodium	23-2	7803	7419	7861	7694	3.12	cps
Strontium	86-1	1525	1617	1850	1664	10.07	cps
Strontium	88-1	7227	7402	7052	7227	2.42	cps
Sulfur	34-1	319053	316503	319540	318365	0.51	cps
Terbium	159-1	9833570	9789915	9925397	9849627	0.70	cps
Terbium	159-2	2428414	2354037	2396640	2393030	1.56	cps
Thallium	203-1	1825	2025	2017	1956	5.79	cps
Thallium	205-1	5260	4893	4960	5037	3.88	cps
Tin	118-1	3117	2909	2992	3006	3.49	cps
Titanium	47-1	367	442	342	383	13.58	cps
Uranium	238-1	6244	5910	6335	6163	3.63	cps
Vanadium	51-2	217	307	303	276	18.52	cps
Yttrium	89-1	8460795	8398559	8508737	8456030	0.65	cps
Yttrium	89-2	333303	326326	330010	329880	1.06	cps
Zinc	66-2	133	123	187	148	23.04	cps
Zirconium	90-1	4893	5151	5218	5087	3.38	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:51:59	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1250	950	1067	1089	13.89	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-19 Instrumnet Name : P8
 Client Sample ID : IDL-19 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 16:55:09 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	83	83	92	15.74	cps
Antimony	121-1	2975	2792	2775	2848	3.90	cps
Arsenic	75-2	39	63	56	52	23.50	cps
Barium	135-1	2750	3392	2809	2984	11.90	cps
Barium	137-1	5160	5285	4968	5137	3.11	cps
Beryllium	9-1	361	367	394	374	4.77	cps
Bismuth	209-1	5636295	5709904	5512821	5619673	1.77	cps
Bismuth	209-2	1924708	1930446	1919830	1924995	0.28	cps
Boron	10-1	392	333	317	347	11.34	cps
Boron	11-1	1425	1417	1242	1361	7.61	cps
Cadmium	111-1	1943	1738	1850	1844	5.56	cps
Cadmium	106-1	1842	1609	1934	1795	9.34	cps
Cadmium	108-1	67	54	71	64	13.58	cps
Calcium	43-1	2067	2325	2367	2253	7.21	cps
Calcium	44-1	38061	39858	38370	38763	2.48	cps
Chromium	52-2	1043	1170	1040	1085	6.83	cps
Cobalt	59-2	743	693	697	711	3.93	cps
Copper	63-2	1427	1457	1483	1456	1.95	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	67	25	36	74.18	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	58	67	8	44	70.99	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	9384319	9548137	9130751	9354402	2.25	cps
Holmium	165-2	2509350	2502125	2479776	2497084	0.62	cps
Indium	115-1	8122268	8248704	8011897	8127623	1.46	cps
Indium	115-2	462009	459037	456255	459100	0.63	cps
Iron	56-2	12728	13023	12639	12797	1.57	cps
Iron	57-2	356	294	433	361	19.28	cps
Lead	206-1	2928	2967	3201	3032	4.86	cps
Lead	207-1	2673	2889	2606	2723	5.44	cps
Lead	208-1	12125	12175	12325	12208	0.85	cps
Lithium	6-1	819091	828252	809335	818893	1.16	cps
Magnesium	24-2	1233	1167	1033	1145	8.90	cps
Manganese	55-2	247	253	233	244	4.17	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-19	Instrumnet Name :	P8
Client Sample ID :	IDL-19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:55:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2150	2517	2334	2334	7.86	cps
Molybdenum	95-1	967	1358	1158	1161	16.87	cps
Molybdenum	96-1	1667	1567	1592	1609	3.24	cps
Molybdenum	97-1	700	758	767	742	4.90	cps
Molybdenum	98-1	2034	1809	1784	1875	7.34	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	343	347	370	353	4.11	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3901	3817	3842	3853	1.11	cps
Rhodium	103-1	7462464	7587459	7358661	7469528	1.53	cps
Rhodium	103-2	2367810	2349472	2333018	2350100	0.74	cps
Scandium	45-1	4272920	4280226	4159909	4237685	1.59	cps
Scandium	45-2	45383	44631	44948	44988	0.84	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	13	20	15	16	24.03	cps
Selenium	82-1	315	239	251	268	15.12	cps
Silicon	28-1	342595	337829	344652	341692	1.02	cps
Silver	109-1	2875	2884	2775	2845	2.12	cps
Silver	107-1	3100	3184	3184	3156	1.53	cps
Sodium	23-2	7619	7753	7569	7647	1.24	cps
Strontium	86-1	1950	1517	1675	1714	12.79	cps
Strontium	88-1	7010	7436	6927	7124	3.83	cps
Sulfur	34-1	325019	323819	319878	322905	0.83	cps
Terbium	159-1	9865489	9944012	9571228	9793577	2.01	cps
Terbium	159-2	2454563	2402089	2431848	2429500	1.08	cps
Thallium	203-1	2025	1892	2092	2003	5.09	cps
Thallium	205-1	4759	4568	4985	4771	4.37	cps
Tin	118-1	3159	2992	3259	3137	4.30	cps
Titanium	47-1	308	392	358	353	11.89	cps
Uranium	238-1	5868	5626	6235	5910	5.19	cps
Vanadium	51-2	237	247	253	246	3.42	cps
Yttrium	89-1	8340019	8483815	8266529	8363454	1.32	cps
Yttrium	89-2	336327	331667	331357	333117	0.84	cps
Zinc	66-2	143	153	127	141	9.55	cps
Zirconium	90-1	4843	4693	5068	4868	3.88	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-19	Instrumnet Name :	P8
Client Sample ID :	IDL-19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:55:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1142	1000	900	1014	11.98	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:58:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	67	58	14.29	cps
Antimony	121-1	2792	2684	2825	2767	2.68	cps
Arsenic	75-2	44	57	33	45	26.75	cps
Barium	135-1	2842	2967	2984	2931	2.64	cps
Barium	137-1	4493	4851	5110	4818	6.43	cps
Beryllium	9-1	356	278	294	309	13.24	cps
Bismuth	209-1	5661282	5480670	5655556	5599169	1.83	cps
Bismuth	209-2	1922475	1939024	1908716	1923405	0.79	cps
Boron	10-1	308	233	300	281	14.65	cps
Boron	11-1	1092	1158	1108	1120	3.10	cps
Cadmium	111-1	1836	1665	1571	1691	7.96	cps
Cadmium	106-1	1750	1483	1525	1586	9.04	cps
Cadmium	108-1	50	75	38	54	35.25	cps
Calcium	43-1	2134	2134	2034	2100	2.75	cps
Calcium	44-1	37911	39006	38228	38381	1.47	cps
Chromium	52-2	1037	1103	977	1039	6.10	cps
Cobalt	59-2	650	740	673	688	6.79	cps
Copper	63-2	1403	1367	1350	1373	1.99	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	92	75	42	69	36.66	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	9454131	9192219	9405017	9350456	1.49	cps
Holmium	165-2	2467958	2495301	2485623	2482961	0.56	cps
Indium	115-1	8272457	7898340	8244174	8138324	2.56	cps
Indium	115-2	451581	455241	451703	452842	0.46	cps
Iron	56-2	12295	12434	12144	12291	1.18	cps
Iron	57-2	306	444	311	354	22.23	cps
Lead	206-1	2189	1922	1889	2000	8.22	cps
Lead	207-1	1939	1756	1828	1841	5.02	cps
Lead	208-1	8012	7584	7957	7851	2.96	cps
Lithium	6-1	828765	800996	826483	818748	1.88	cps
Magnesium	24-2	1242	1125	1208	1192	5.04	cps
Manganese	55-2	210	233	217	220	5.46	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:58:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2584	2775	2667	2675	3.59	cps
Molybdenum	95-1	1225	1208	1167	1200	2.50	cps
Molybdenum	96-1	1709	1542	1525	1592	6.37	cps
Molybdenum	97-1	742	792	742	758	3.81	cps
Molybdenum	98-1	1900	2175	1842	1972	9.03	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	370	323	317	337	8.63	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	3684	3684	3601	3656	1.32	cps
Rhodium	103-1	7596153	7271901	7546826	7471627	2.34	cps
Rhodium	103-2	2320592	2338194	2320119	2326302	0.44	cps
Scandium	45-1	4292262	4140507	4274182	4235650	1.96	cps
Scandium	45-2	44500	44985	44775	44753	0.54	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	19	11	0	10	94.38	cps
Selenium	82-1	231	285	152	222	30.13	cps
Silicon	28-1	348625	343607	338227	343486	1.51	cps
Silver	109-1	2975	2717	3284	2992	9.48	cps
Silver	107-1	2692	2675	2950	2773	5.56	cps
Sodium	23-2	7294	7127	6819	7080	3.41	cps
Strontium	86-1	1909	1834	1525	1756	11.57	cps
Strontium	88-1	6227	7069	6994	6763	6.89	cps
Sulfur	34-1	322314	321812	321207	321778	0.17	cps
Terbium	159-1	9945116	9538503	9864474	9782698	2.20	cps
Terbium	159-2	2415986	2442090	2428153	2428743	0.54	cps
Thallium	203-1	1967	1925	1859	1917	2.85	cps
Thallium	205-1	4526	4701	4526	4584	2.20	cps
Tin	118-1	2884	2675	2917	2825	4.64	cps
Titanium	47-1	558	458	542	519	10.32	cps
Uranium	238-1	5543	5293	5310	5382	2.60	cps
Vanadium	51-2	227	160	280	222	27.06	cps
Yttrium	89-1	8447422	8302176	8435932	8395177	0.96	cps
Yttrium	89-2	331564	331315	332945	331941	0.26	cps
Zinc	66-2	183	147	150	160	12.67	cps
Zirconium	90-1	4718	4634	4276	4543	5.17	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 16:58:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	908	1025	1100	1011	9.55	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : IDL-21 Instrumnet Name : P8
 Client Sample ID : IDL-21 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 17:01:26 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	100	142	100	41.66	cps
Antimony	121-1	2759	2959	2592	2770	6.63	cps
Arsenic	75-2	44	41	31	39	17.17	cps
Barium	135-1	3009	2800	2709	2839	5.42	cps
Barium	137-1	4893	5076	4843	4937	2.49	cps
Beryllium	9-1	300	383	256	313	20.73	cps
Bismuth	209-1	5718395	5673708	5637635	5676580	0.71	cps
Bismuth	209-2	1927030	1810247	1831739	1856339	3.35	cps
Boron	10-1	183	267	242	231	18.55	cps
Boron	11-1	1208	1075	1225	1170	7.03	cps
Cadmium	111-1	1816	1676	1959	1817	7.78	cps
Cadmium	106-1	1725	1534	1900	1720	10.67	cps
Cadmium	108-1	42	50	67	53	24.12	cps
Calcium	43-1	2150	2184	2475	2270	7.88	cps
Calcium	44-1	38771	38663	38295	38576	0.65	cps
Chromium	52-2	1100	1050	1063	1071	2.42	cps
Cobalt	59-2	757	720	713	730	3.20	cps
Copper	63-2	1533	1433	1273	1413	9.28	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	50	8	42	33	66.15	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	67	92	92	83	17.32	cps
Gadolinium	160-2	10	3	23	12	83.33	cps
Holmium	165-1	9412903	9468261	9457013	9446059	0.31	cps
Holmium	165-2	2481432	2459024	2376804	2439087	2.26	cps
Indium	115-1	8245012	8194417	8254682	8231370	0.39	cps
Indium	115-2	461144	446032	437017	448064	2.72	cps
Iron	56-2	12100	12195	12434	12243	1.40	cps
Iron	57-2	311	322	311	315	2.04	cps
Lead	206-1	1917	1995	2022	1978	2.77	cps
Lead	207-1	1839	1872	1617	1776	7.82	cps
Lead	208-1	8212	8029	7657	7966	3.55	cps
Lithium	6-1	823880	825291	829131	826101	0.33	cps
Magnesium	24-2	1275	1158	1275	1236	5.45	cps
Manganese	55-2	263	217	263	248	10.87	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:01:26	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2267	2217	2192	2225	1.72	cps
Molybdenum	95-1	1283	1167	1242	1231	4.80	cps
Molybdenum	96-1	1517	1609	1567	1564	2.93	cps
Molybdenum	97-1	800	892	825	839	5.65	cps
Molybdenum	98-1	1859	1842	2009	1903	4.82	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	403	420	467	430	7.63	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3826	3684	3342	3617	6.87	cps
Rhodium	103-1	7610111	7498583	7623537	7577411	0.91	cps
Rhodium	103-2	2341676	2265316	2235300	2280764	2.40	cps
Scandium	45-1	4340717	4297377	4346829	4328308	0.62	cps
Scandium	45-2	44404	43925	43401	43910	1.14	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	17	4	9	10	65.88	cps
Selenium	82-1	381	216	300	299	27.52	cps
Silicon	28-1	352388	353255	347706	351116	0.85	cps
Silver	109-1	3000	3025	2984	3003	0.70	cps
Silver	107-1	2892	2950	2892	2912	1.16	cps
Sodium	23-2	6910	7077	7377	7122	3.32	cps
Strontium	86-1	1725	1742	1634	1700	3.43	cps
Strontium	88-1	6777	6677	6627	6694	1.14	cps
Sulfur	34-1	326826	320705	318849	322126	1.30	cps
Terbium	159-1	10040609	9967695	9941340	9983215	0.52	cps
Terbium	159-2	2442764	2373634	2339527	2385308	2.21	cps
Thallium	203-1	1909	2000	2192	2034	7.11	cps
Thallium	205-1	4826	4968	4343	4712	6.96	cps
Tin	118-1	3042	3034	2692	2923	6.84	cps
Titanium	47-1	383	358	342	361	5.81	cps
Uranium	238-1	5643	5476	5510	5543	1.59	cps
Vanadium	51-2	243	263	190	232	16.33	cps
Yttrium	89-1	8626649	8594434	8578178	8599754	0.29	cps
Yttrium	89-2	333005	322706	317951	324554	2.37	cps
Zinc	66-2	140	113	127	127	10.52	cps
Zirconium	90-1	4909	4676	4709	4765	2.65	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:01:26	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050	1150	983	1061	7.91	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:04:34	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	398263	392994	392234	394497	0.83	cps
Antimony	121-1	5541709	5536609	5516249	5531522	0.24	cps
Arsenic	75-2	69518	68761	67685	68654	1.34	cps
Barium	135-1	5644659	5581305	5738104	5654689	1.39	cps
Barium	137-1	9793622	9848550	9873860	9838677	0.42	cps
Beryllium	9-1	508126	508713	512373	509737	0.45	cps
Bismuth	209-1	5676742	5646260	5702546	5675183	0.50	cps
Bismuth	209-2	1789784	1756092	1727357	1757744	1.78	cps
Boron	10-1	60729	62403	62788	61973	1.77	cps
Boron	11-1	280729	284071	290713	285171	1.78	cps
Cadmium	111-1	1143764	1146194	1144904	1144954	0.11	cps
Cadmium	106-1	118173	118131	118491	118265	0.17	cps
Cadmium	108-1	80027	79944	79378	79783	0.44	cps
Calcium	43-1	5248645	5221690	5170696	5213677	0.76	cps
Calcium	44-1	85190064	84950658	85548769	85229830	0.35	cps
Chromium	52-2	554740	549189	550280	551403	0.53	cps
Cobalt	59-2	1143987	1137400	1134851	1138746	0.41	cps
Copper	63-2	1992314	1964355	1966969	1974546	0.78	cps
Dysprosium	156-1	108	92	150	117	25.76	cps
Dysprosium	156-2	23	10	13	16	44.60	cps
Erbium	164-1	92	100	67	86	20.15	cps
Erbium	164-2	13	7	27	16	65.47	cps
Gadolinium	160-1	167	75	192	144	42.53	cps
Gadolinium	160-2	47	23	33	34	34.00	cps
Holmium	165-1	9838667	9825218	9879470	9847785	0.29	cps
Holmium	165-2	2437089	2383045	2460128	2426754	1.63	cps
Indium	115-1	7926400	8014045	7922106	7954184	0.65	cps
Indium	115-2	417317	403534	414667	411839	1.78	cps
Iron	56-2	92020441	91851583	91997674	91956566	0.10	cps
Iron	57-2	2355597	2362419	2363828	2360615	0.19	cps
Lead	206-1	3081538	3060641	3160182	3100787	1.69	cps
Lead	207-1	2826079	2805588	2864429	2832032	1.05	cps
Lead	208-1	12613418	12508112	12772677	12631403	1.05	cps
Lithium	6-1	793509	801033	799827	798123	0.51	cps
Magnesium	24-2	9473581	9430784	9371759	9425375	0.54	cps
Manganese	55-2	323147	320489	320341	321326	0.49	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:04:34	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4275401	4288587	4342437	4302142	0.83	cps
Molybdenum	95-1	2338672	2337551	2346175	2340799	0.20	cps
Molybdenum	96-1	3013614	2995632	3018333	3009193	0.40	cps
Molybdenum	97-1	1429896	1435771	1450771	1438813	0.75	cps
Molybdenum	98-1	3743214	3707918	3708253	3719795	0.55	cps
Neodymium	150-1	293	213	253	253	15.79	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	330335	332652	330905	331297	0.36	cps
Phosphorus	31-2	6152	6202	5460	5938	6.98	cps
Potassium	39-2	3000038	3010867	2966861	2992589	0.77	cps
Rhodium	103-1	7070028	7117624	7069777	7085810	0.39	cps
Rhodium	103-2	2135772	2055360	2140529	2110554	2.27	cps
Scandium	45-1	4211406	4214995	4217629	4214677	0.07	cps
Scandium	45-2	43143	41990	42879	42671	1.42	cps
Selenium	77-2	537	510	497	514	3.96	cps
Selenium	78-2	1833	1713	1846	1798	4.09	cps
Selenium	82-1	68912	68752	68246	68637	0.51	cps
Silicon	28-1	2262462	2206636	2252555	2240551	1.33	cps
Silver	109-1	5378935	5349087	5435501	5387841	0.81	cps
Silver	107-1	5559675	5600411	5638557	5599548	0.70	cps
Sodium	23-2	22515693	22545669	22554202	22538521	0.09	cps
Strontium	86-1	1537058	1519662	1540949	1532556	0.74	cps
Strontium	88-1	13159745	12965126	13143475	13089448	0.82	cps
Sulfur	34-1	616725	612408	608465	612533	0.67	cps
Terbium	159-1	10103829	10322051	10232874	10219585	1.07	cps
Terbium	159-2	2398245	2287748	2343589	2343194	2.36	cps
Thallium	203-1	3870600	3844646	3923519	3879589	1.04	cps
Thallium	205-1	8999903	9022773	9227734	9083470	1.38	cps
Tin	118-1	3852383	3833790	3811221	3832465	0.54	cps
Titanium	47-1	538983	540501	542291	540592	0.31	cps
Uranium	238-1	11851471	11707363	11975683	11844839	1.13	cps
Vanadium	51-2	418012	413546	413485	415015	0.63	cps
Yttrium	89-1	8334666	8405422	8478119	8406069	0.85	cps
Yttrium	89-2	316756	304273	312024	311018	2.03	cps
Zinc	66-2	179518	179089	177473	178693	0.60	cps
Zirconium	90-1	8064867	8086248	8175119	8108745	0.72	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:04:34	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1831834	1807495	1834287	1824539	0.81	cps

LB Number : LB89764 Operator : Jaswal
 Lab Sample ID : CCB56 Instrumnet Name : P8
 Client Sample ID : CCB56 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-28 17:10:30 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	25	14	91.65	cps
Antimony	121-1	1242	992	1008	1081	12.94	cps
Arsenic	75-2	11	2	2	5	108.30	cps
Barium	135-1	33	8	17	19	65.47	cps
Barium	137-1	58	25	42	42	40.00	cps
Beryllium	9-1	117	100	122	113	10.24	cps
Bismuth	209-1	5791249	5872034	5834864	5832716	0.69	cps
Bismuth	209-2	1851627	1843552	1900547	1865242	1.65	cps
Boron	10-1	725	658	600	661	9.46	cps
Boron	11-1	3434	3209	3284	3309	3.46	cps
Cadmium	111-1	1020	1163	1277	1153	11.19	cps
Cadmium	106-1	1433	1650	1817	1634	11.77	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	1667	1542	1617	1609	3.91	cps
Calcium	44-1	29691	30751	29991	30145	1.81	cps
Chromium	52-2	800	747	880	809	8.30	cps
Cobalt	59-2	43	40	37	40	8.32	cps
Copper	63-2	297	240	260	266	10.82	cps
Dysprosium	156-1	33	17	0	17	100.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	100	50	25	58	65.47	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	9433366	9507400	9492846	9477871	0.41	cps
Holmium	165-2	2377277	2389591	2422736	2396535	0.98	cps
Indium	115-1	8093203	8121769	8022279	8079084	0.63	cps
Indium	115-2	435441	431981	439770	435731	0.90	cps
Iron	56-2	2250	2606	2406	2421	7.37	cps
Iron	57-2	94	28	39	54	66.51	cps
Lead	206-1	745	644	717	702	7.36	cps
Lead	207-1	611	678	578	622	8.18	cps
Lead	208-1	2734	2795	2500	2676	5.81	cps
Lithium	6-1	816101	821996	815782	817960	0.43	cps
Magnesium	24-2	133	167	183	161	15.80	cps
Manganese	55-2	53	37	57	49	21.91	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P8
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:10:30	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	392	375	458	408	10.80	cps
Molybdenum	95-1	125	117	92	111	15.61	cps
Molybdenum	96-1	200	217	200	206	4.68	cps
Molybdenum	97-1	142	150	50	114	48.72	cps
Molybdenum	98-1	242	175	167	194	21.14	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	130	167	142	14.89	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	4092	3742	3351	3728	9.95	cps
Rhodium	103-1	7407351	7401128	7427564	7412015	0.19	cps
Rhodium	103-2	2249814	2213609	2266771	2243398	1.21	cps
Scandium	45-1	4154990	4145314	4118095	4139467	0.46	cps
Scandium	45-2	43417	42327	43604	43116	1.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	26	-20	-94	-29	-205.68	cps
Silicon	28-1	337434	337969	331483	335629	1.07	cps
Silver	109-1	183	150	117	150	22.22	cps
Silver	107-1	150	175	200	175	14.28	cps
Sodium	23-2	7761	7202	6860	7274	6.25	cps
Strontium	86-1	1067	850	850	922	13.56	cps
Strontium	88-1	300	308	233	281	14.65	cps
Sulfur	34-1	310647	310524	308780	309984	0.34	cps
Terbium	159-1	9996942	9919413	9835558	9917304	0.81	cps
Terbium	159-2	2352661	2344451	2359388	2352166	0.32	cps
Thallium	203-1	450	367	442	419	10.94	cps
Thallium	205-1	1042	833	875	917	12.03	cps
Tin	118-1	1734	1725	1559	1672	5.90	cps
Titanium	47-1	108	142	133	128	13.57	cps
Uranium	238-1	117	125	117	119	4.03	cps
Vanadium	51-2	20	10	10	13	43.30	cps
Yttrium	89-1	8257342	8249754	8323627	8276908	0.49	cps
Yttrium	89-2	315723	316062	317160	316315	0.24	cps
Zinc	66-2	17	17	27	20	28.86	cps
Zirconium	90-1	992	800	817	870	12.21	cps

LB Number :	LB89764	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P8
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2017-08-28 17:10:30	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	175	200	192	7.53	cps