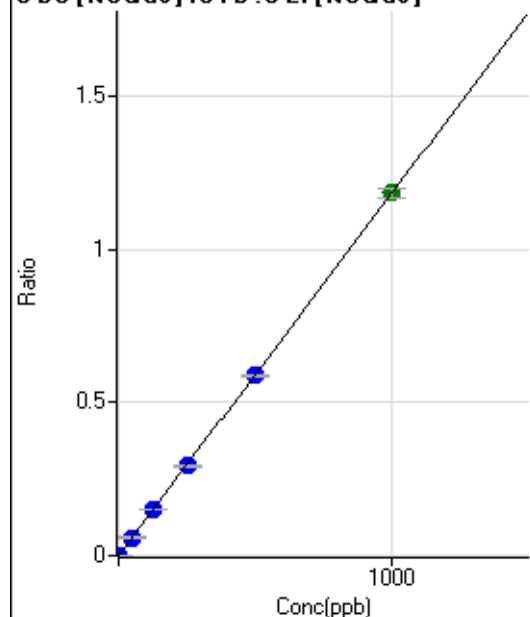


Batch Folder: D:\P8090117-MS .b\
Analysis File: P8090117-MS .batch.bin
DA Date-Time: 2017-09-04 18:37:50
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8090117-MS.D	S00	2017-09-01 16:22:25
2			
3	005CALS P8090117-MS.D	S02	2017-09-01 16:29:31
4	006CALS P8090117-MS.D	S03	2017-09-01 16:32:59
5	007CALS P8090117-MS.D	S04	2017-09-01 16:36:32
6	008CALS P8090117-MS.D	S05	2017-09-01 16:39:56
7	009CALS P8090117-MS.D	S06	2017-09-01 16:43:14
8	010CALS P8090117-MS.D	S07	2017-09-01 16:46:26
9	011CALS P8090117-MS.D	S08	2017-09-01 16:49:36

9 Be [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0001	P	15.8
2	☐	0.100					
3	☐	1.000	0.858	1159.34	0.0011	P	10.2
4	☐	50.000	50.328	63447.20	0.0596	P	1.9
5	☐	125.000	125.810	158505.34	0.1489	P	0.6
6	☐	250.000	248.223	313026.32	0.2936	P	1.6
7	☐	500.000	496.571	633490.12	0.5872	P	0.7
8	☐	1000.000	1002.041	1263002.05	1.1848	A	2.5
9	☐			527.80	0.0005	P	9.6

$$y = 0.0012 * x + 1.1529E-004$$

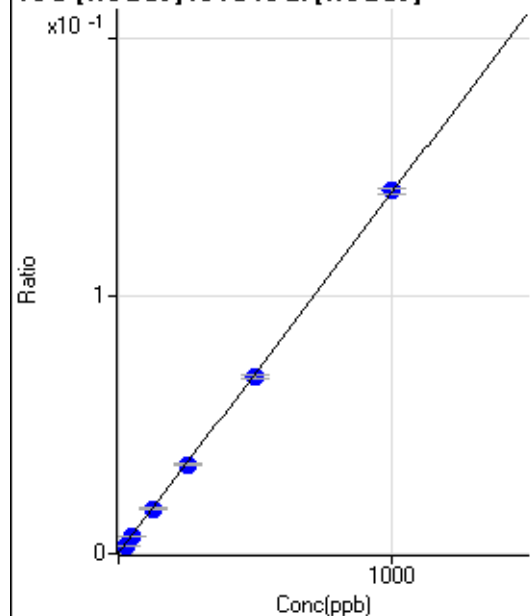
$$R = 1.0000$$

$$DL = 0.04629$$

$$BEC = 0.09752$$

Weight: <None>

Min Conc: 0

10 B [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0001	P	33.5
2	☐	2.500					
3	☐	25.000	20.885	3136.60	0.0031	P	4.3
4	☐	50.000	47.085	7152.07	0.0067	P	2.1
5	☐	125.000	123.177	18490.43	0.0174	P	2.8
6	☐	250.000	245.944	36828.83	0.0345	P	1.0
7	☐	500.000	491.661	74331.67	0.0689	P	2.5
8	☐	1000.000	1005.660	150155.85	0.1408	P	1.6
9	☐			4742.64	0.0046	P	10.7

$$y = 1.3987E-004 * x + 1.3428E-004$$

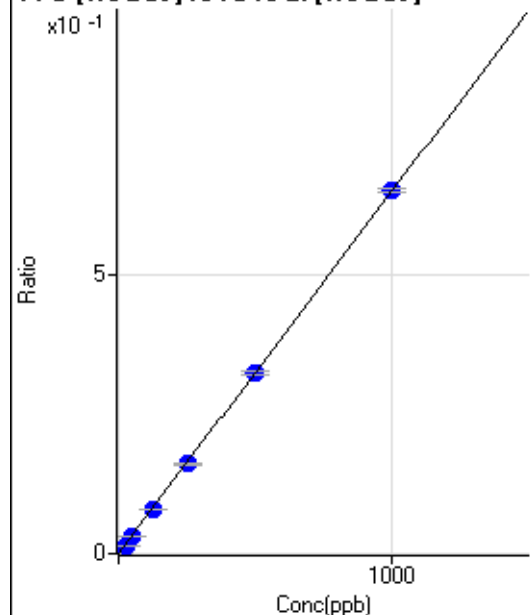
$$R = 0.9999$$

$$DL = 0.9646$$

$$BEC = 0.96$$

Weight: <None>

Min Conc: 0

11 B [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	494.48	0.0005	P	30.3
2	☐	2.500					
3	☐	25.000	20.544	14154.76	0.0138	P	1.4
4	☐	50.000	48.658	34049.65	0.0320	P	0.9
5	☐	125.000	122.246	84778.06	0.0796	P	0.7
6	☐	250.000	246.814	170858.89	0.1602	P	1.2
7	☐	500.000	497.289	347738.97	0.3223	P	2.2
8	☐	1000.000	1002.675	692480.13	0.6494	P	1.1
9	☐			22020.39	0.0215	P	4.7

$$y = 6.4722\text{E-}004 * x + 4.9163\text{E-}004$$

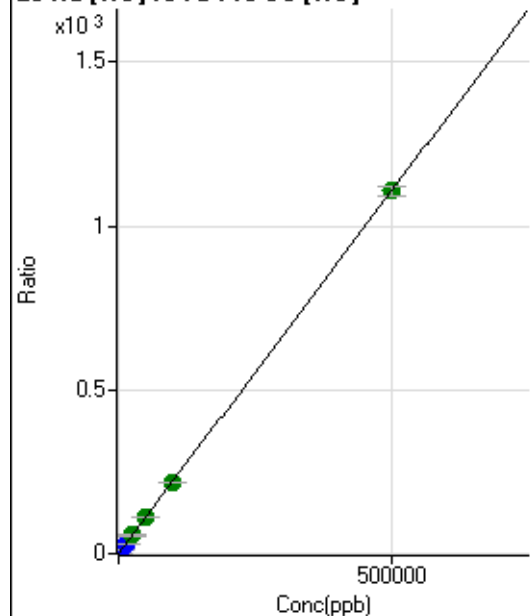
$$R = 1.0000$$

$$DL = 0.6899$$

$$BEC = 0.7596$$

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	3075.48	0.0915	P	7.4
2	☐	50.000					
3	☐	500.000	449.923	37355.66	1.0874	P	0.6
4	☐	5000.000	5060.909	395430.85	11.2943	P	1.6
5	☐	12500.000	12808.678	984321.77	28.4447	P	3.8
6	☐	25000.000	25436.861	1980479.97	56.3984	A	2.3
7	☐	50000.000	50833.897	3796750.26	112.6173	A	2.0
8	☐	100000.00	98644.438	7607040.88	218.4506	A	1.1
9	☐	500000.00	500157.60	37334802.22	1,107.239	A	3.0

$$y = 0.0022 * x + 0.0915$$

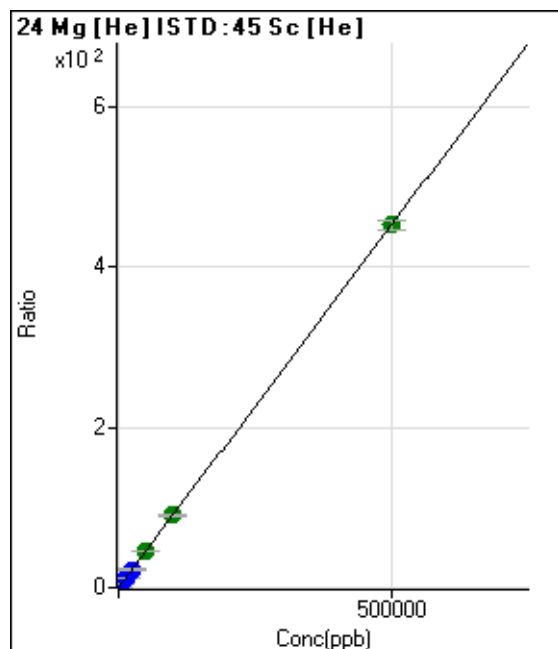
$$R = 1.0000$$

$$DL = 9.175$$

$$BEC = 41.32$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0047	P	27.0
2	☐	50.000					
3	☐	500.000	430.725	13562.58	0.3948	P	2.8
4	☐	5000.000	5005.346	158874.66	4.5381	P	2.2
5	☐	12500.000	12784.482	400851.53	11.5838	P	3.9
6	☐	25000.000	25069.810	797560.16	22.7108	P	1.7
7	☐	50000.000	50795.142	1551056.72	46.0107	A	2.4
8	☐	100000.00	99440.090	3136625.16	90.0692	A	0.1
9	☐	500000.00	500021.88	15271560.93	452.8825	A	2.6

$$y = 9.0572\text{E-}004 * x + 0.0047$$

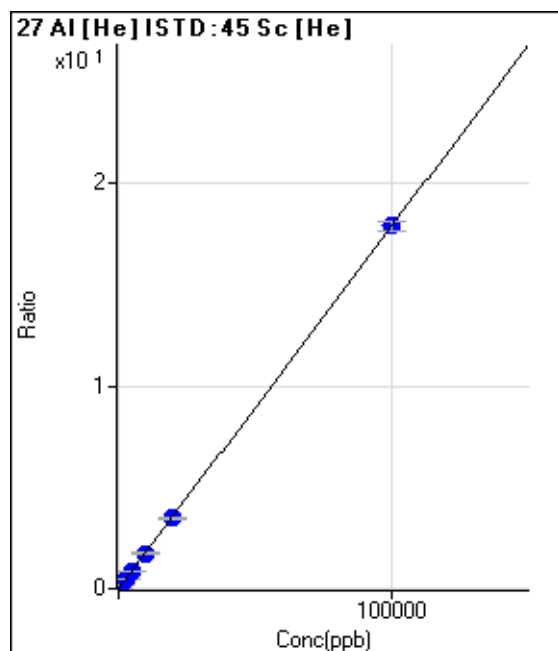
R = 1.0000

DL = 4.211

BEC = 5.192

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0004	P	91.4
2	☐	2.000					
3	☐	20.000	21.197	144.45	0.0042	P	25.8
4	☐	1000.000	960.521	6023.75	0.1721	P	6.6
5	☐	2500.000	2482.458	15356.15	0.4442	P	7.7
6	☐	5000.000	4927.657	30948.50	0.8813	P	2.0
7	☐	10000.000	9779.765	58940.29	1.7486	P	3.3
8	☐	20000.000	19377.870	120646.18	3.4644	P	0.4
9	☐	100000.00	100150.90	603718.73	17.9032	P	2.6

$$y = 1.7876\text{E-}004 * x + 4.1426\text{E-}004$$

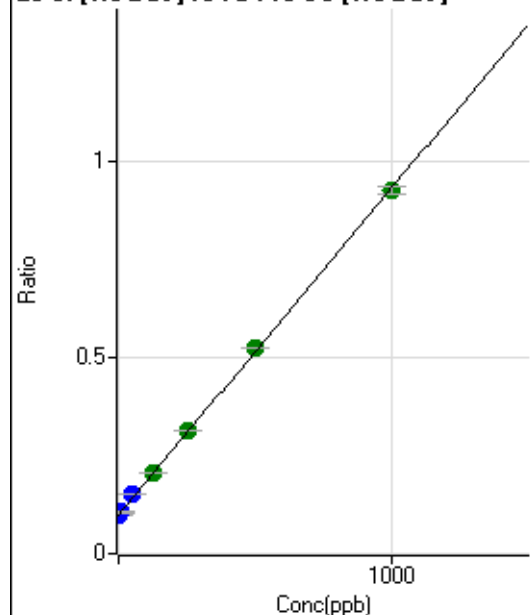
R = 1.0000

DL = 6.353

BEC = 2.317

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	405519.13	0.0988	P	1.8
2	☐	1.000					
3	☐	10.000	8.107	444751.46	0.1055	P	0.6
4	☐	50.000	62.897	656660.35	0.1512	P	0.4
5	☐	125.000	129.565	892812.99	0.2068	A	0.9
6	☐	250.000	257.397	1352507.65	0.3133	A	0.9
7	☐	500.000	511.178	2277325.27	0.5249	A	0.7
8	☐	1000.000	991.365	3942925.61	0.9252	A	1.9
9	☐			435323.80	0.1029	P	1.9

$$y = 8.3364\text{E-}004 * x + 0.0988$$

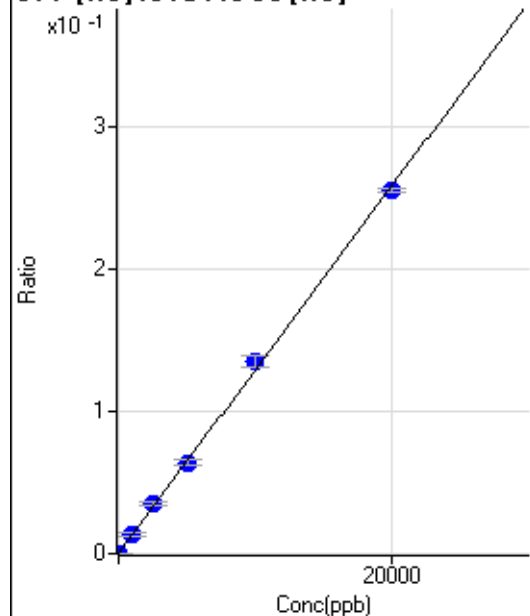
R = 0.9998

DL = 6.531

BEC = 118.5

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	3.217	5.56	0.0002	P	173.2
2	☐	0.000					
3	☐	0.000	-3.217	2.78	0.0001	P	173.2
4	☐	1000.000	1029.685	469.48	0.0134	P	15.8
5	☐	2500.000	2732.867	1222.33	0.0354	P	9.7
6	☐	5000.000	4941.175	2241.96	0.0639	P	5.5
7	☐	10000.000	10452.757	4548.16	0.1349	P	6.7
8	☐	20000.000	19757.735	8878.18	0.2550	P	1.1
9	☐			8.33	0.0002	P	2.3

$$y = 1.2898\text{E-}005 * x + 1.2245\text{E-}004$$

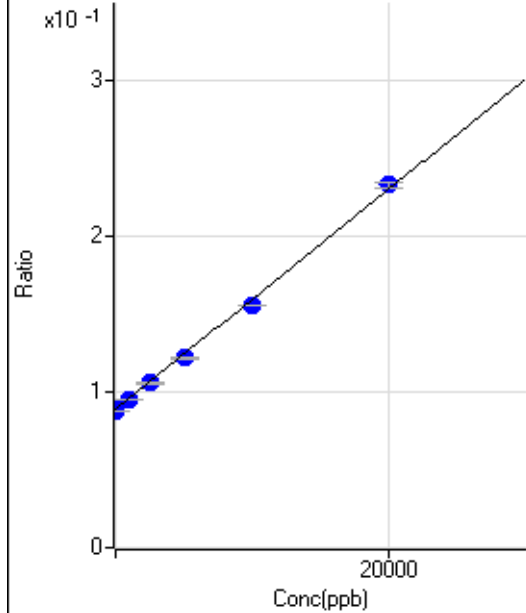
R = 0.9996

DL = 49.33

BEC = 9.494

Weight: <None>

Min Conc: 0

34 S [NoGas] ISTD:45 Sc [NoGas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	176.836	370730.50	0.0903	P	1.0
2	☐	0.000					
3	☐	0.000	-176.836	369991.44	0.0878	P	1.0
4	☐	1000.000	863.644	413179.08	0.0951	P	1.1
5	☐	2500.000	2379.316	457019.16	0.1059	P	0.6
6	☐	5000.000	4642.960	525909.54	0.1218	P	0.9
7	☐	10000.000	9451.679	675982.92	0.1558	P	0.6
8	☐	20000.000	20385.324	993189.82	0.2330	P	1.5
9	☐			370604.84	0.0876	P	0.3

$$y = 7.0641\text{E-}006 * x + 0.0890$$

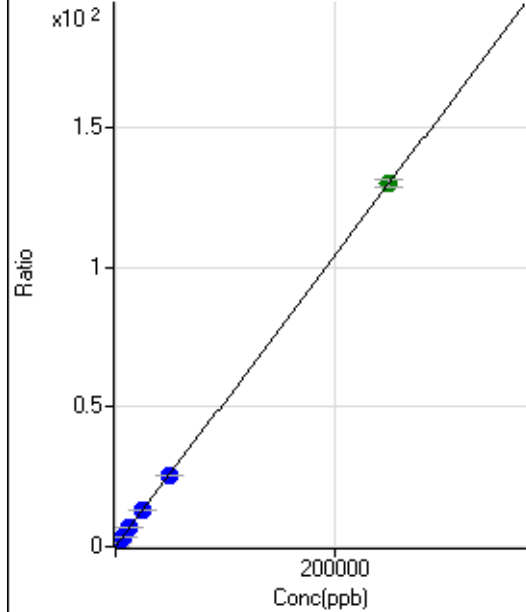
$$R = 0.9992$$

$$DL = 380.9$$

$$BEC = 1.261\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2661.48	0.0791	P	2.9
2	☐	50.000					
3	☐	500.000	439.900	10565.54	0.3076	P	3.1
4	☐	2500.000	2528.970	48741.25	1.3923	P	3.0
5	☐	6250.000	6389.536	117512.13	3.3970	P	5.2
6	☐	12500.000	12628.821	233061.07	6.6368	P	2.1
7	☐	25000.000	24898.609	438559.58	13.0080	P	1.6
8	☐	50000.000	48917.194	887302.13	25.4798	P	0.4
9	☐	250000.00	250216.60	4384185.34	130.0064	A	2.2

$$y = 5.1926\text{E-}004 * x + 0.0791$$

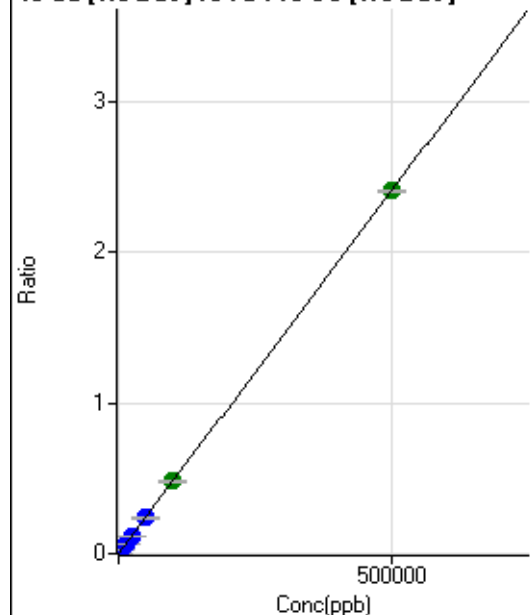
$$R = 1.0000$$

$$DL = 13.34$$

$$BEC = 152.4$$

Weight: <None>

Min Conc: 0

43 Ca [NoGas] ISTD:45 Sc [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1894.66	0.0005	P	13.4
2	☐	50.000					
3	☐	500.000	430.254	10682.27	0.0025	P	2.7
4	☐	5000.000	4933.803	105234.73	0.0242	P	0.8
5	☐	12500.000	12470.230	261391.18	0.0605	P	1.2
6	☐	25000.000	24680.121	515239.13	0.1194	P	0.3
7	☐	50000.000	49013.880	1026506.25	0.2366	P	0.3
8	☐	100000.00	100328.23	2061819.90	0.4838	A	2.4
9	☐	500000.00	500050.43	10195582.00	2.4096	A	0.8

$$y = 4.8179E-006 * x + 4.6202E-004$$

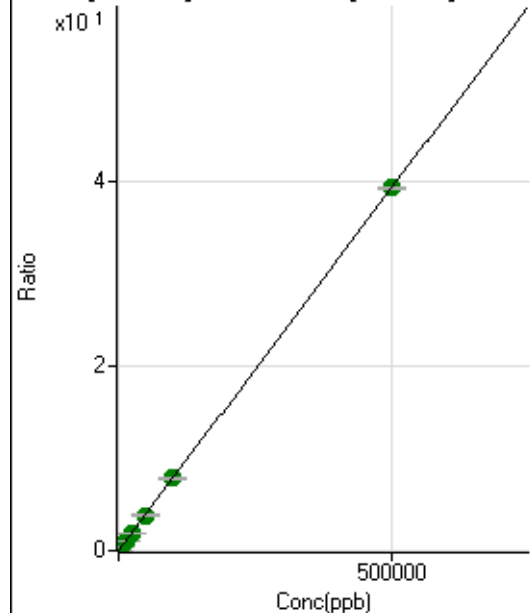
R = 1.0000

DL = 38.42

BEC = 95.9

Weight: <None>

Min Conc: 0

44 Ca [NoGas] ISTD:45 Sc [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29609.96	0.0072	P	2.0
2	☐	50.000					
3	☐	500.000	434.282	174027.55	0.0413	P	1.1
4	☐	5000.000	5013.834	1740045.91	0.4007	A	1.5
5	☐	12500.000	12436.676	4245176.96	0.9832	A	0.5
6	☐	25000.000	24695.728	8396797.15	1.9453	A	0.8
7	☐	50000.000	48860.659	16667349.16	3.8417	A	0.5
8	☐	100000.00	99725.702	33385993.11	7.8336	A	1.2
9	☐	500000.00	500185.51	166121023.1	39.2613	A	0.9

$$y = 7.8479E-005 * x + 0.0072$$

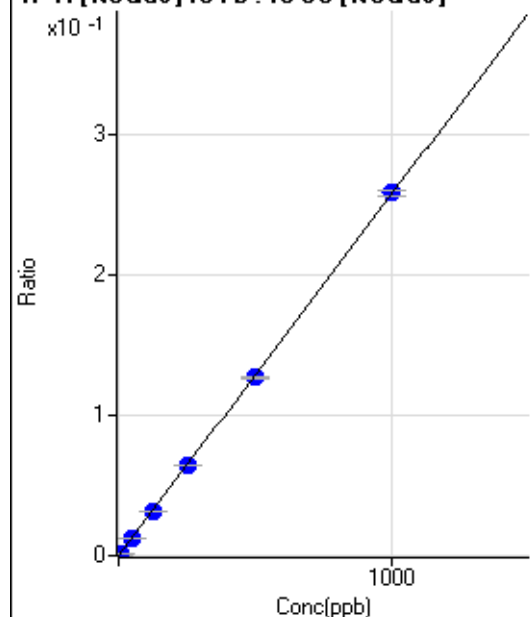
R = 1.0000

DL = 5.479

BEC = 91.9

Weight: <None>

Min Conc: 0

47 Ti [NoGas] ISTD : 45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.01	0.0000	P	40.3
2	☐	0.500					
3	☐	5.000	4.428	4923.30	0.0012	P	6.4
4	☐	50.000	49.683	55558.38	0.0128	P	1.8
5	☐	125.000	124.111	137796.47	0.0319	P	0.2
6	☐	250.000	247.992	275128.70	0.0637	P	0.3
7	☐	500.000	493.202	549838.66	0.1267	P	0.6
8	☐	1000.000	1004.031	1099375.63	0.2580	P	1.8
9	☐			766.72	0.0002	P	13.4

$$y = 2.5690E-004 * x + 3.0358E-005$$

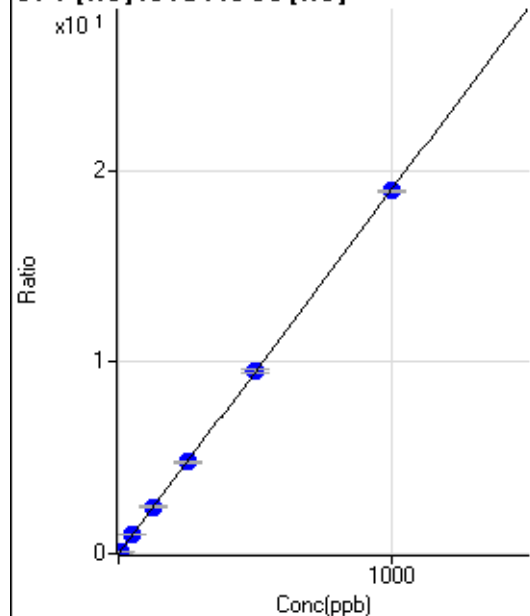
$$R = 1.0000$$

$$DL = 0.143$$

$$BEC = 0.1182$$

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	13.33	0.0004	P	42.5
2	☐	0.500					
3	☐	5.000	4.536	2972.59	0.0865	P	4.3
4	☐	50.000	50.876	33845.49	0.9665	P	0.7
5	☐	125.000	129.107	84853.95	2.4521	P	3.8
6	☐	250.000	251.425	167682.08	4.7749	P	1.9
7	☐	500.000	503.304	322240.43	9.5580	P	1.9
8	☐	1000.000	997.437	659606.64	18.9414	P	0.8
9	☐			183.34	0.0054	P	13.7

$$y = 0.0190 * x + 3.9575E-004$$

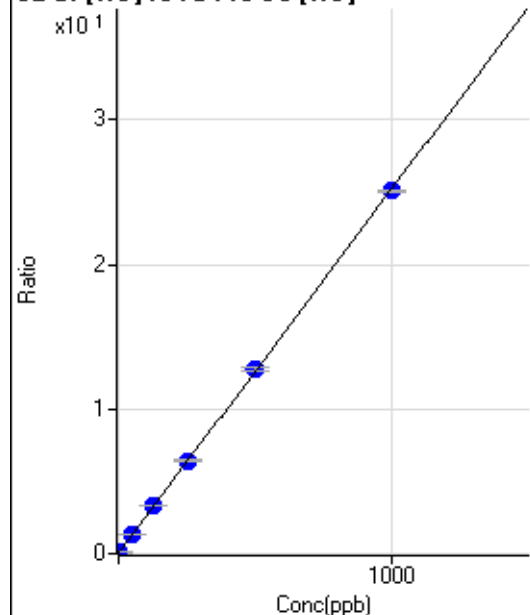
$$R = 1.0000$$

$$DL = 0.02659$$

$$BEC = 0.02084$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	694.47	0.0207	P	2.1
2	☐	0.200					
3	☐	2.000	2.045	2478.04	0.0721	P	4.8
4	☐	50.000	51.816	46407.96	1.3255	P	1.3
5	☐	125.000	131.226	115081.60	3.3252	P	3.3
6	☐	250.000	255.214	226423.54	6.4475	P	1.7
7	☐	500.000	504.245	428761.93	12.7186	P	2.3
8	☐	1000.000	995.705	873901.59	25.0947	P	0.3
9	☐			3722.79	0.1104	P	4.4

$$y = 0.0252 * x + 0.0207$$

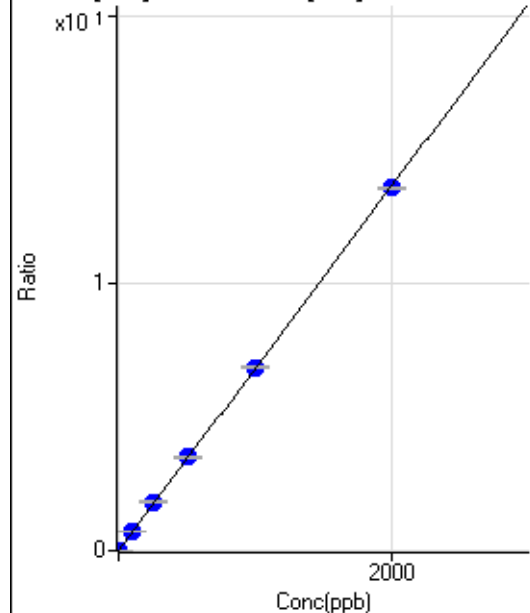
$$R = 1.0000$$

$$DL = 0.05087$$

$$BEC = 0.8201$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	57.78	0.0017	P	13.2
2	☐	0.100					
3	☐	1.000	0.966	285.56	0.0083	P	6.6
4	☐	100.000	105.224	25201.81	0.7198	P	1.2
5	☐	250.000	265.094	62662.17	1.8108	P	3.8
6	☐	500.000	511.906	122743.25	3.4951	P	1.4
7	☐	1000.000	1007.337	231821.53	6.8760	P	1.5
8	☐	2000.000	1991.207	473256.74	13.5901	P	0.4
9	☐			1246.75	0.0370	P	4.0

$$y = 0.0068 * x + 0.0017$$

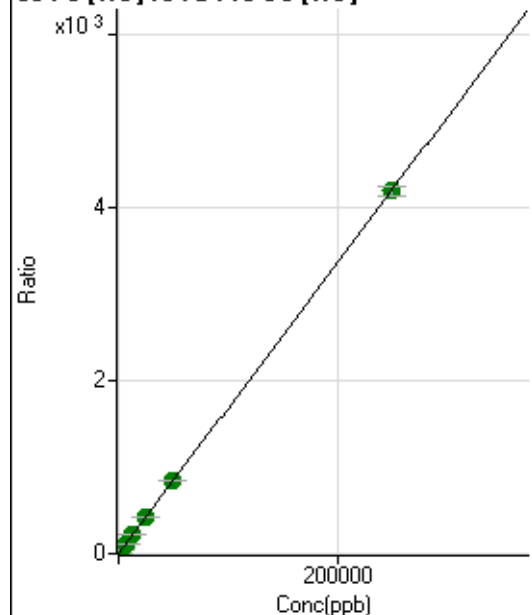
$$R = 1.0000$$

$$DL = 0.09957$$

$$BEC = 0.2518$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1870.56	0.0556	P	0.2
2	☐	5.000					
3	☐	50.000	45.482	28115.82	0.8184	P	0.8
4	☐	2500.000	2645.327	1555428.38	44.4224	A	0.6
5	☐	6250.000	6601.537	3832981.88	110.7749	A	4.2
6	☐	12500.000	12759.704	7516793.45	214.0581	A	2.4
7	☐	25000.000	25277.128	14294260.39	423.9972	A	1.9
8	☐	50000.000	50200.394	29320528.20	842.0038	A	1.3
9	☐	250000.00	249908.98	141344090.2	4,191.465	A	2.3

$$y = 0.0168 * x + 0.0556$$

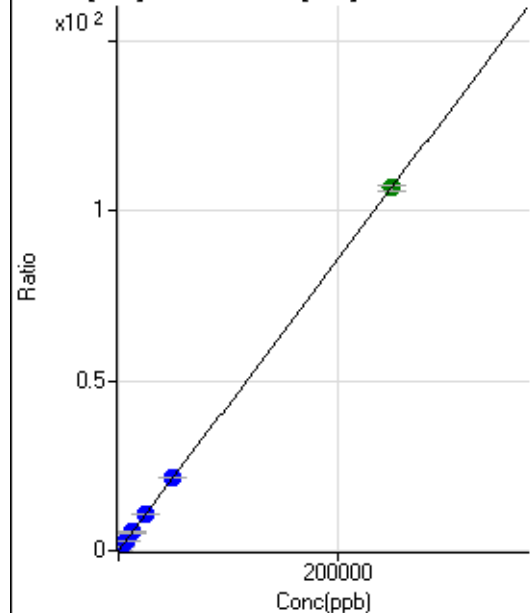
$$R = 1.0000$$

$$DL = 0.01845$$

$$BEC = 3.317$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.97	0.0019	P	31.7
2	☐	5.000					
3	☐	50.000	44.079	711.15	0.0207	P	5.2
4	☐	2500.000	2610.242	39090.60	1.1166	P	2.9
5	☐	6250.000	6509.484	96254.46	2.7818	P	4.2
6	☐	12500.000	12701.984	190558.75	5.4264	P	2.1
7	☐	25000.000	25138.819	361992.10	10.7377	P	2.1
8	☐	50000.000	49838.244	741261.74	21.2858	P	0.1
9	☐	250000.00	250000.78	3600675.43	106.7674	A	1.9

$$y = 4.2706E-004 * x + 0.0019$$

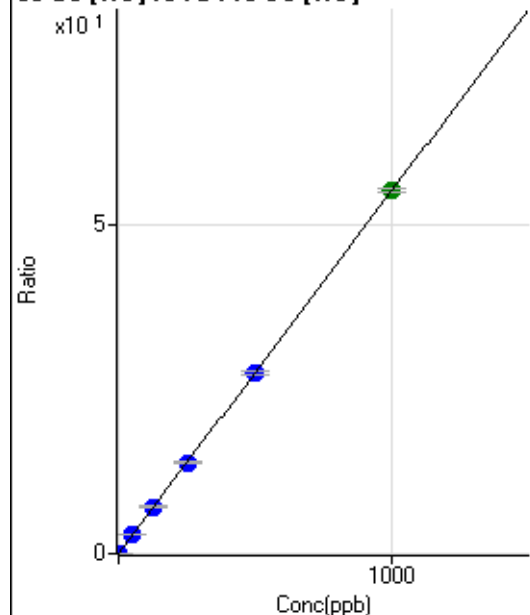
$$R = 1.0000$$

$$DL = 4.18$$

$$BEC = 4.391$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0013	P	64.8
2	☐	0.100					
3	☐	1.000	0.857	1670.13	0.0486	P	7.5
4	☐	50.000	51.244	99098.10	2.8306	P	2.1
5	☐	125.000	129.493	247477.58	7.1510	P	3.5
6	☐	250.000	250.976	486684.91	13.8585	P	1.7
7	☐	500.000	496.817	924809.84	27.4321	P	2.0
8	☐	1000.000	1000.724	1924107.63	55.2543	A	1.0
9	☐			2155.77	0.0639	P	2.6

$$y = 0.0552 * x + 0.0013$$

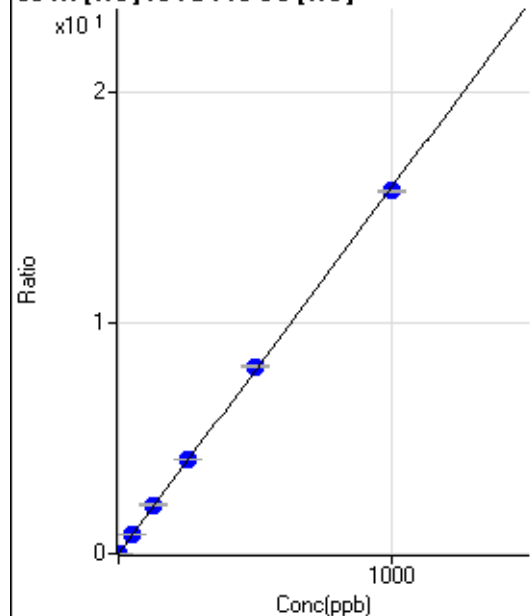
$$R = 1.0000$$

$$DL = 0.0464$$

$$BEC = 0.02385$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0026	P	23.1
2	☐	0.100					
3	☐	1.000	1.048	661.14	0.0192	P	13.1
4	☐	50.000	53.638	29894.50	0.8538	P	1.0
5	☐	125.000	133.181	73216.88	2.1160	P	4.3
6	☐	250.000	257.453	143567.61	4.0880	P	1.3
7	☐	500.000	511.985	273989.48	8.1270	P	1.8
8	☐	1000.000	990.940	547676.58	15.7272	P	0.7
9	☐			1453.44	0.0431	P	6.5

$$y = 0.0159 * x + 0.0026$$

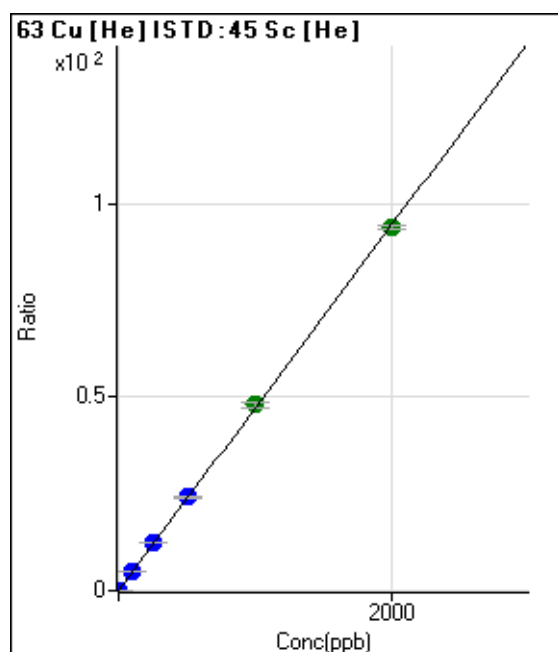
$$R = 0.9998$$

$$DL = 0.1143$$

$$BEC = 0.1647$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	156.67	0.0047	P	17.4
2	☐	0.200					
3	☐	2.000	1.980	3369.36	0.0981	P	4.3
4	☐	100.000	104.355	172548.52	4.9285	P	1.7
5	☐	250.000	262.608	428973.20	12.3955	P	3.5
6	☐	500.000	513.297	850712.05	24.2240	P	1.6
7	☐	1000.000	1019.310	1621363.78	48.0996	A	2.9
8	☐	2000.000	1985.227	3262033.04	93.6752	A	0.9
9	☐			4681.98	0.1389	P	3.5

$$y = 0.0472 * x + 0.0047$$

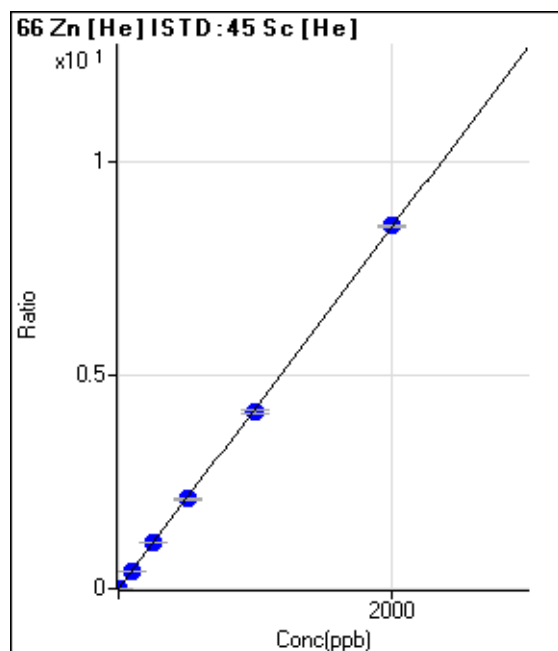
$$R = 0.9999$$

$$DL = 0.05151$$

$$BEC = 0.09881$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.45	0.0016	P	25.7
2	☐	0.200					
3	☐	2.000	1.933	336.68	0.0098	P	14.0
4	☐	100.000	99.557	14806.99	0.4229	P	2.2
5	☐	250.000	256.666	37652.27	1.0877	P	2.4
6	☐	500.000	497.406	73977.15	2.1064	P	1.1
7	☐	1000.000	979.517	139777.97	4.1465	P	2.6
8	☐	2000.000	2010.079	296251.20	8.5073	P	0.8
9	☐			1024.50	0.0304	P	7.1

$$y = 0.0042 * x + 0.0016$$

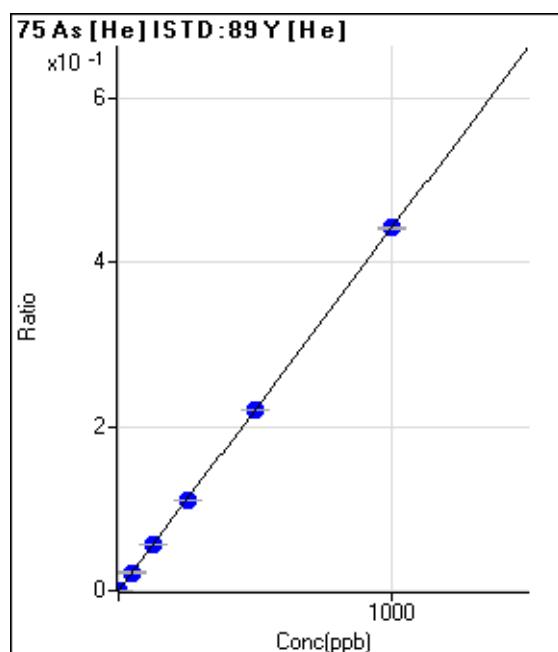
$$R = 0.9999$$

$$DL = 0.2952$$

$$BEC = 0.3832$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.08	0.0000	P	34.4
2	☐	0.100					
3	☐	1.000	0.868	95.68	0.0004	P	11.0
4	☐	50.000	50.087	5491.26	0.0221	P	2.8
5	☐	125.000	126.780	13562.90	0.0560	P	2.4
6	☐	250.000	247.612	26934.32	0.1093	P	0.6
7	☐	500.000	498.252	51239.59	0.2199	P	0.7
8	☐	1000.000	1001.244	104510.95	0.4418	P	0.6
9	☐			40.12	0.0002	P	33.2

$$y = 4.4123\text{E-}004 * x + 1.2961\text{E-}005$$

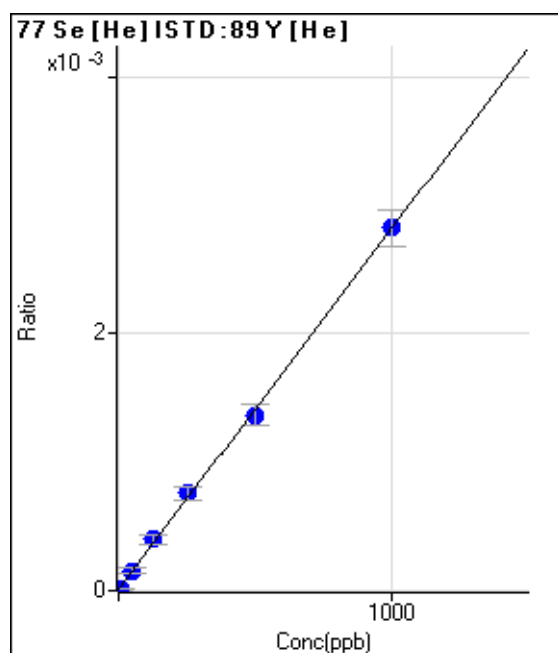
$$R = 1.0000$$

$$DL = 0.03029$$

$$BEC = 0.02937$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	1.609	3.33	0.0000	P	0.2
4	☐	50.000	52.406	38.89	0.0002	P	25.6
5	☐	125.000	138.101	96.67	0.0004	P	18.2
6	☐	250.000	266.401	186.67	0.0008	P	14.3
7	☐	500.000	484.094	318.90	0.0014	P	12.6
8	☐	1000.000	1002.112	667.81	0.0028	P	10.0
9	☐			0.00	0.0000	P	

$$y = 2.8082\text{E-}006 * x + 9.2711\text{E-}006$$

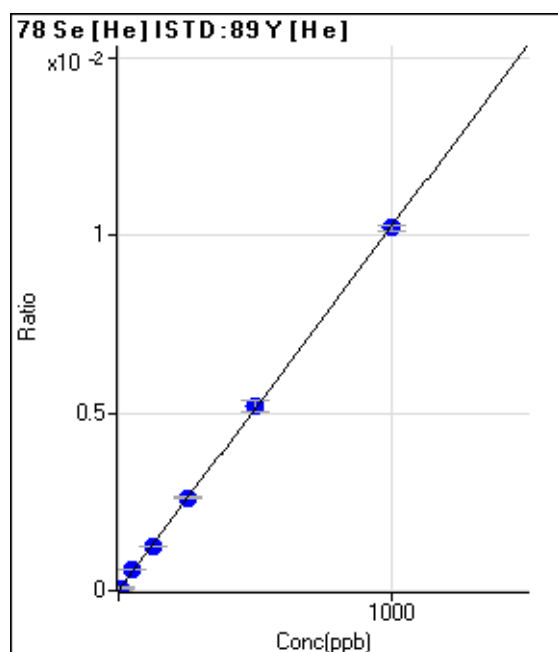
$$R = 0.9996$$

$$DL = 17.16$$

$$BEC = 3.301$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.23	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	6.235	16.67	0.0001	P	48.6
4	☐	50.000	58.003	148.77	0.0006	P	4.5
5	☐	125.000	119.856	298.77	0.0012	P	2.0
6	☐	250.000	254.078	642.61	0.0026	P	2.0
7	☐	500.000	506.349	1209.32	0.0052	P	5.3
8	☐	1000.000	996.042	2413.82	0.0102	P	1.8
9	☐			2.47	0.0000	P	117.0

$$y = 1.0239\text{E-}005 * x + 5.2125\text{E-}006$$

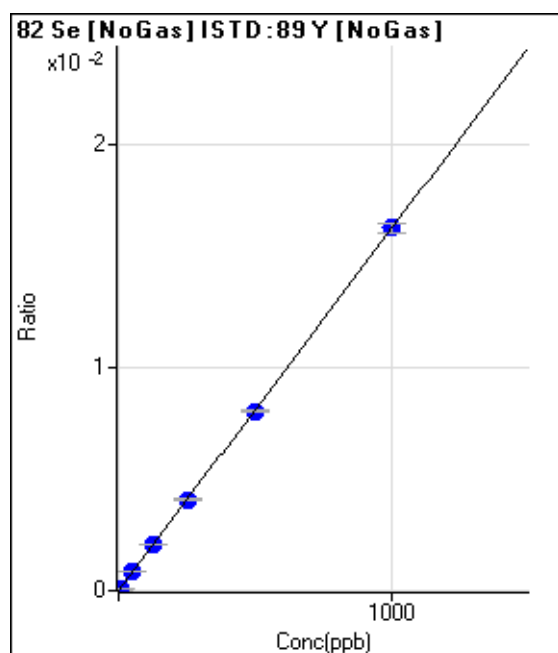
$$R = 0.9999$$

$$DL = 2.645$$

$$BEC = 0.5091$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-28.11	0.0000	P	-180.
2	☐	0.500					
3	☐	5.000	4.864	593.24	0.0001	P	9.2
4	☐	50.000	50.795	6695.05	0.0008	P	0.7
5	☐	125.000	126.698	16884.58	0.0021	P	0.8
6	☐	250.000	250.709	33405.25	0.0041	P	1.9
7	☐	500.000	494.372	66995.25	0.0080	P	1.2
8	☐	1000.000	1002.386	132699.12	0.0163	P	2.5
9	☐			99.80	0.0000	P	71.0

$$y = 1.6240\text{E-}005 * x - 3.7161\text{E-}006$$

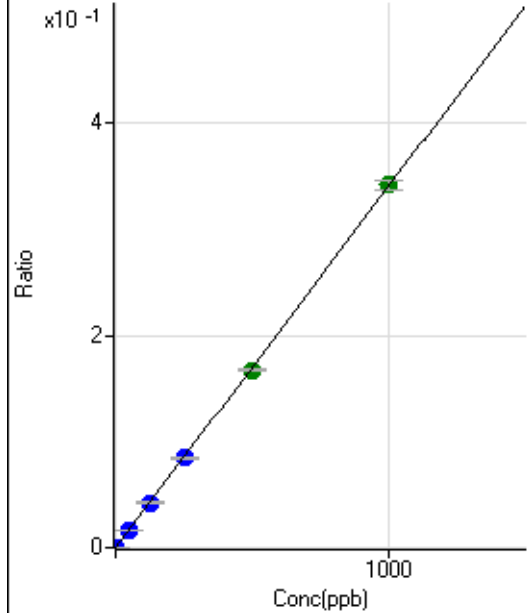
$$R = 1.0000$$

$$DL = 1.239$$

$$BEC = -0.2288$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	833.40	0.0001	P	5.2
2	☐	0.100					
3	☐	1.000	0.900	3256.11	0.0004	P	1.3
4	☐	50.000	50.019	139463.65	0.0171	P	0.7
5	☐	125.000	124.572	348915.30	0.0424	P	1.0
6	☐	250.000	248.050	693181.55	0.0844	P	1.0
7	☐	500.000	491.352	1394929.22	0.1671	A	1.7
8	☐	1000.000	1004.864	2785216.95	0.3416	A	2.8
9	☐			93849.07	0.0116	P	1.5

$$y = 3.3986E-004 * x + 1.0709E-004$$

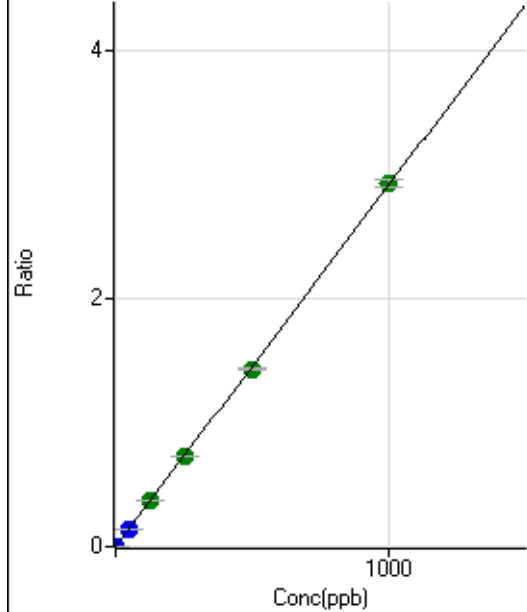
R = 0.9999

DL = 0.0495

BEC = 0.3151

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	255.57	0.0000	P	8.6
2	☐	0.100					
3	☐	1.000	0.896	20819.54	0.0026	P	2.0
4	☐	50.000	50.412	1196684.25	0.1468	P	0.6
5	☐	125.000	125.568	3005232.94	0.3656	A	0.4
6	☐	250.000	248.984	5952458.03	0.7248	A	1.0
7	☐	500.000	490.947	11931395.15	1.4292	A	0.9
8	☐	1000.000	1004.689	23847774.14	2.9247	A	2.0
9	☐			805614.12	0.0993	P	0.9

$$y = 0.0029 * x + 3.2797E-005$$

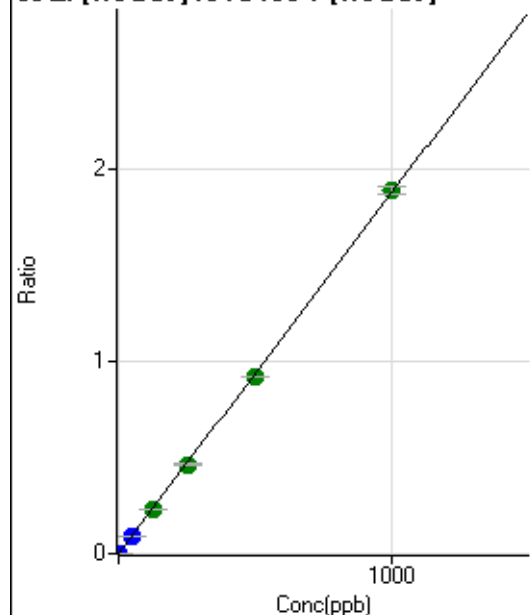
R = 0.9999

DL = 0.002909

BEC = 0.01127

Weight: <None>

Min Conc: 0

90 Zr [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	508.37	0.0001	P	13.7
2	☐	0.100					
3	☐	1.000	0.805	12381.18	0.0016	P	5.6
4	☐	50.000	48.983	747638.96	0.0917	P	0.6
5	☐	125.000	124.601	1916846.90	0.2332	A	0.2
6	☐	250.000	247.038	3795754.69	0.4622	A	1.9
7	☐	500.000	489.650	7648291.58	0.9161	A	0.2
8	☐	1000.000	1006.017	15346563.36	1.8821	A	2.0
9	☐			3111.62	0.0004	P	2.4

$$y = 0.0019 * x + 6.5208E-005$$

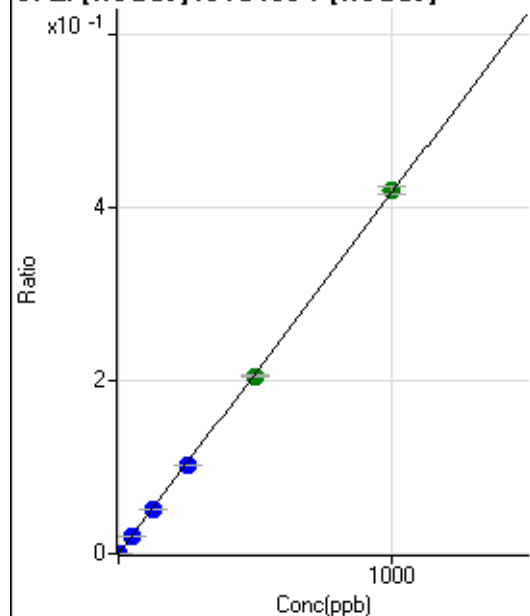
$$R = 0.9999$$

$$DL = 0.01434$$

$$BEC = 0.03486$$

Weight: <None>

Min Conc: 0

91 Zr [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	22.1
2	☐	0.100					
3	☐	1.000	0.840	2858.77	0.0004	P	8.1
4	☐	50.000	48.927	166206.79	0.0204	P	1.2
5	☐	125.000	122.315	418837.69	0.0509	P	0.3
6	☐	250.000	243.929	834295.63	0.1016	P	1.1
7	☐	500.000	491.557	1708960.67	0.2047	A	1.4
8	☐	1000.000	1006.129	3416370.78	0.4190	A	2.1
9	☐			658.38	0.0001	P	9.6

$$y = 4.1643E-004 * x + 1.2853E-005$$

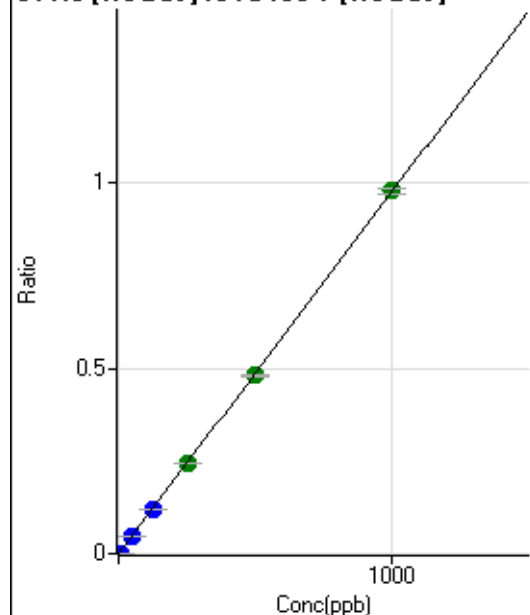
$$R = 0.9999$$

$$DL = 0.02042$$

$$BEC = 0.03086$$

Weight: <None>

Min Conc: 0

94 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	180.56	0.0000	P	22.2
2	☐	0.500					
3	☐	5.000	1.851	14397.16	0.0018	P	2.3
4	☐	50.000	49.364	392317.56	0.0481	P	1.0
5	☐	125.000	123.188	986983.79	0.1201	P	0.8
6	☐	250.000	249.075	1993217.90	0.2427	A	1.2
7	☐	500.000	492.767	4008453.13	0.4802	A	1.6
8	☐	1000.000	1004.122	7978619.19	0.9784	A	1.3
9	☐			3597.86	0.0004	P	1.5

$$y = 9.7437\text{E-}004 * x + 2.3157\text{E-}005$$

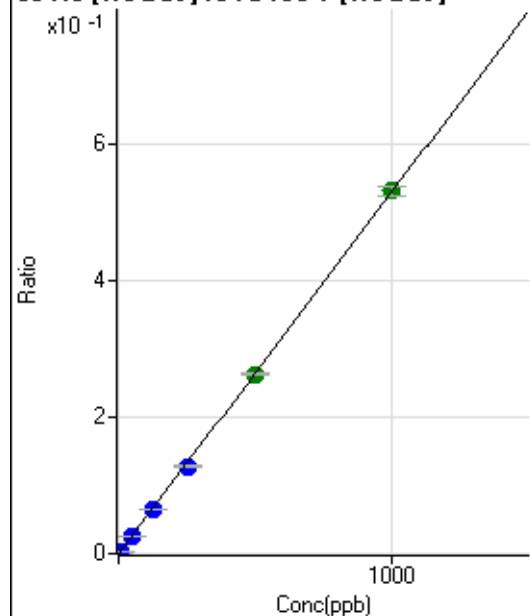
$$R = 1.0000$$

$$DL = 0.01581$$

$$BEC = 0.02377$$

Weight: <None>

Min Conc: 0

95 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	59.1
2	☐	0.500					
3	☐	5.000	4.205	17567.64	0.0022	P	2.6
4	☐	50.000	48.656	209894.68	0.0257	P	1.5
5	☐	125.000	120.409	523734.87	0.0637	P	0.5
6	☐	250.000	241.370	1048702.69	0.1277	P	1.9
7	☐	500.000	497.477	2197304.39	0.2632	A	1.1
8	☐	1000.000	1004.064	4331287.99	0.5312	A	2.4
9	☐			4250.86	0.0005	P	1.9

$$y = 5.2907\text{E-}004 * x + 3.9569\text{E-}006$$

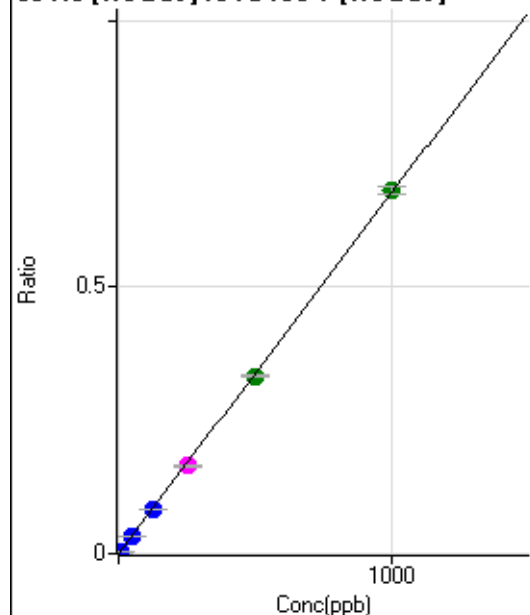
$$R = 1.0000$$

$$DL = 0.01326$$

$$BEC = 0.007479$$

Weight: <None>

Min Conc: 0

96 Mo [NoGas] ISTD : 89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	38.6
2	☐	0.500					
3	☐	5.000	3.683	19742.82	0.0025	P	3.2
4	☐	50.000	48.359	266616.07	0.0327	P	1.4
5	☐	125.000	121.085	672980.95	0.0819	P	0.6
6	☐	250.000	243.368	1351062.52	0.1645	M	1.7
7	☐	500.000	491.883	2775876.36	0.3325	A	1.2
8	☐	1000.000	1006.295	5546468.09	0.6802	A	2.3
9	☐			7799.83	0.0010	P	5.6

$$y = 6.7596E-004 * x + 1.5361E-005$$

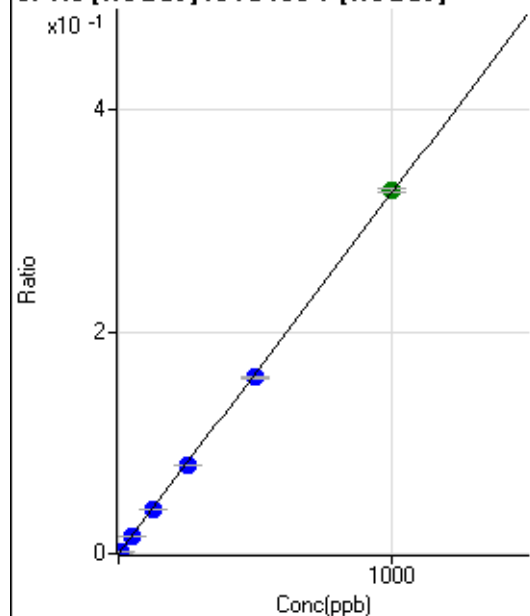
$$R = 0.9999$$

$$DL = 0.02629$$

$$BEC = 0.02273$$

Weight: <None>

Min Conc: 0

97 Mo [NoGas] ISTD : 89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	16.1
2	☐	0.500					
3	☐	5.000	4.364	11224.54	0.0014	P	1.0
4	☐	50.000	48.625	128729.17	0.0158	P	1.7
5	☐	125.000	122.427	326739.21	0.0397	P	0.9
6	☐	250.000	245.446	654310.93	0.0797	P	1.4
7	☐	500.000	489.454	1326345.46	0.1589	P	1.5
8	☐	1000.000	1006.805	2665021.74	0.3268	A	1.2
9	☐			2622.60	0.0003	P	6.6

$$y = 3.2459E-004 * x + 7.5086E-006$$

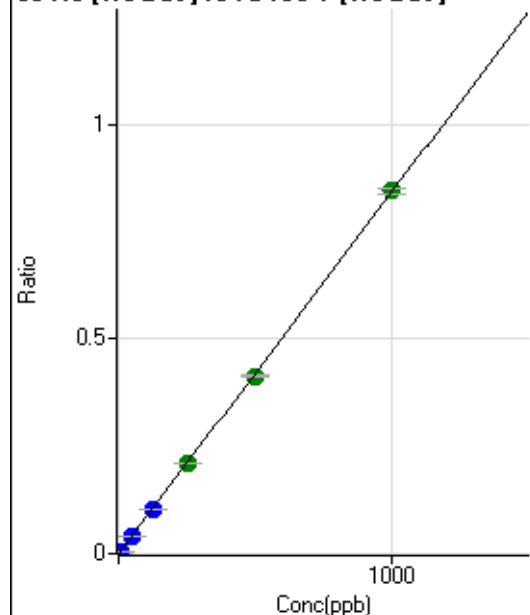
$$R = 0.9999$$

$$DL = 0.01117$$

$$BEC = 0.02313$$

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	52.78	0.0000	P	21.9
2	☐	0.500					
3	☐	5.000	4.255	28241.59	0.0036	P	1.0
4	☐	50.000	48.811	334469.48	0.0410	P	1.4
5	☐	125.000	121.879	842085.28	0.1024	P	0.5
6	☐	250.000	249.681	1723264.01	0.2098	A	0.6
7	☐	500.000	491.914	3451485.23	0.4134	A	0.6
8	☐	1000.000	1004.576	6884071.68	0.8442	A	1.8
9	☐			6765.94	0.0008	P	2.0

$$y = 8.4039\text{E-}004 * x + 6.7592\text{E-}006$$

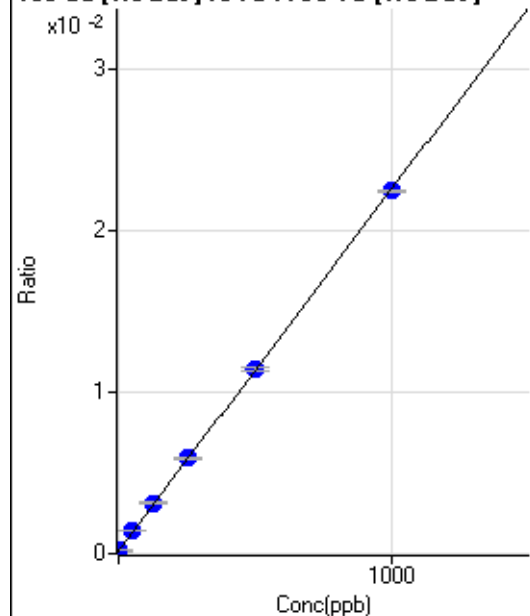
$$R = 1.0000$$

$$DL = 0.005293$$

$$BEC = 0.008043$$

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	1464.05	0.0002	P	7.1
2	☐	0.100					
3	☐	1.000	1.196	1722.42	0.0002	P	2.7
4	☐	50.000	54.763	12862.25	0.0014	P	1.2
5	☐	125.000	133.032	29488.90	0.0031	P	0.8
6	☐	250.000	258.001	56938.09	0.0059	P	2.0
7	☐	500.000	502.380	113535.97	0.0114	P	1.4
8	☐	1000.000	995.567	224294.03	0.0225	P	0.8
9	☐			1614.06	0.0002	P	2.4

$$y = 2.2394\text{E-}005 * x + 1.6666\text{E-}004$$

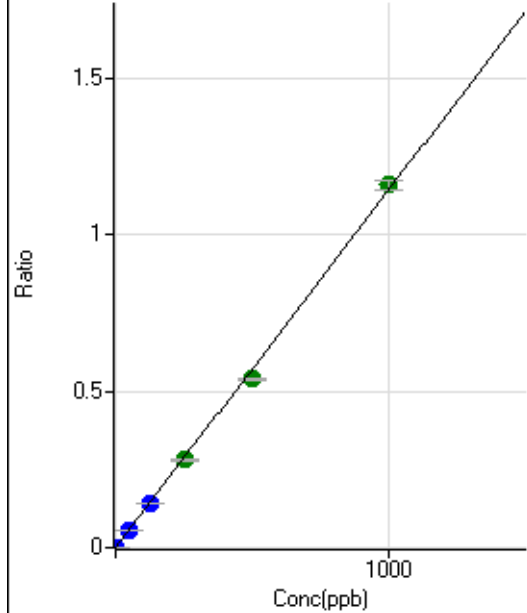
$$R = 0.9999$$

$$DL = 1.575$$

$$BEC = 7.442$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	39.3
2	☐	0.100					
3	☐	1.000	1.181	12072.57	0.0014	P	1.2
4	☐	50.000	50.214	529171.12	0.0573	P	0.2
5	☐	125.000	123.648	1322699.89	0.1411	P	1.1
6	☐	250.000	245.779	2686499.93	0.2805	A	1.8
7	☐	500.000	472.103	5357233.84	0.5387	A	1.4
8	☐	1000.000	1015.162	11565466.84	1.1584	A	2.5
9	☐			1219.56	0.0001	P	8.9

$$y = 0.0011 * x + 8.5708E-006$$

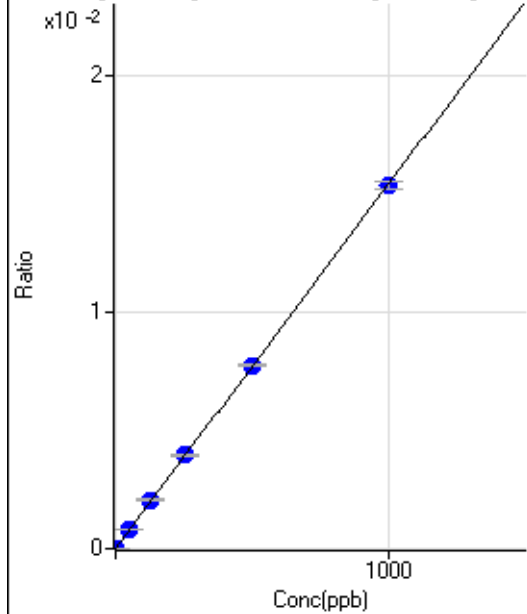
$$R = 0.9994$$

$$DL = 0.008864$$

$$BEC = 0.007511$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	26.9
2	☐	0.100					
3	☐	1.000	0.993	145.84	0.0000	P	10.2
4	☐	50.000	53.843	7657.89	0.0008	P	2.1
5	☐	125.000	133.144	19209.82	0.0020	P	2.1
6	☐	250.000	257.510	37956.42	0.0040	P	1.4
7	☐	500.000	503.399	77015.82	0.0077	P	1.0
8	☐	1000.000	995.213	152857.64	0.0153	P	2.3
9	☐			43.06	0.0000	P	14.9

$$y = 1.5383E-005 * x + 1.1109E-006$$

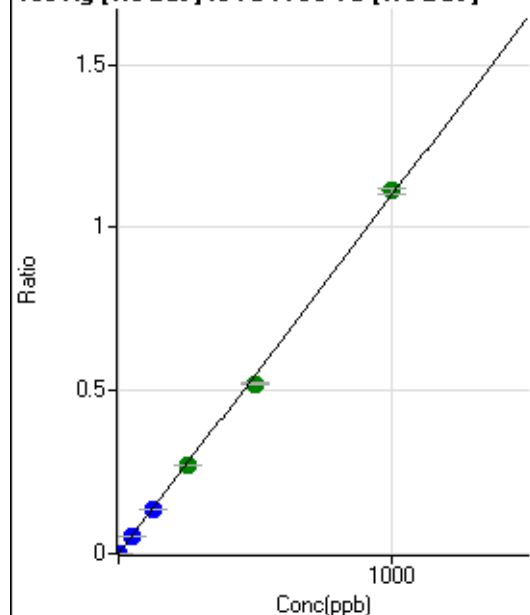
$$R = 0.9999$$

$$DL = 0.05822$$

$$BEC = 0.07222$$

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	61.12	0.0000	P	7.3
2	☐	0.100					
3	☐	1.000	1.164	11430.32	0.0013	P	5.8
4	☐	50.000	49.674	503375.04	0.0545	P	0.9
5	☐	125.000	122.227	1257385.80	0.1341	P	0.7
6	☐	250.000	246.792	2594205.26	0.2708	A	1.4
7	☐	500.000	474.979	5183346.90	0.5212	A	1.1
8	☐	1000.000	1013.675	11106598.16	1.1124	A	1.8
9	☐			1122.33	0.0001	P	10.5

$$y = 0.0011 * x + 6.9600E-006$$

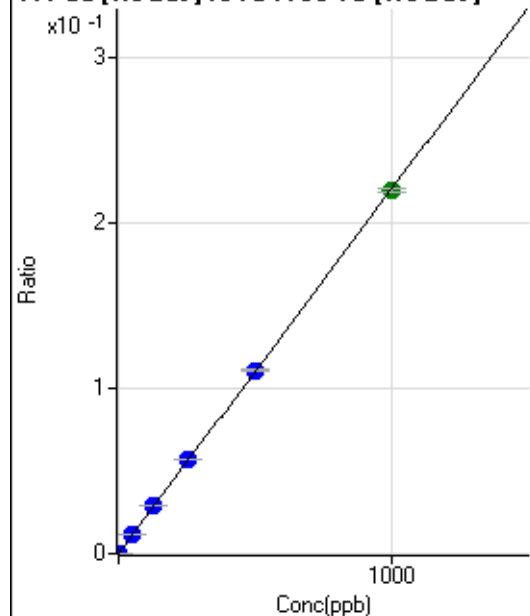
$$R = 0.9995$$

$$DL = 0.001392$$

$$BEC = 0.006343$$

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	1023.59	0.0001	P	7.1
2	☐	0.100					
3	☐	1.000	0.942	2881.54	0.0003	P	4.1
4	☐	50.000	53.540	109790.69	0.0119	P	1.4
5	☐	125.000	131.237	271636.67	0.0290	P	1.3
6	☐	250.000	258.289	545221.60	0.0569	P	1.4
7	☐	500.000	502.551	1100220.77	0.1106	P	1.0
8	☐	1000.000	995.696	2187743.09	0.2191	A	1.1
9	☐			1463.60	0.0001	P	3.9

$$y = 2.1992E-004 * x + 1.1652E-004$$

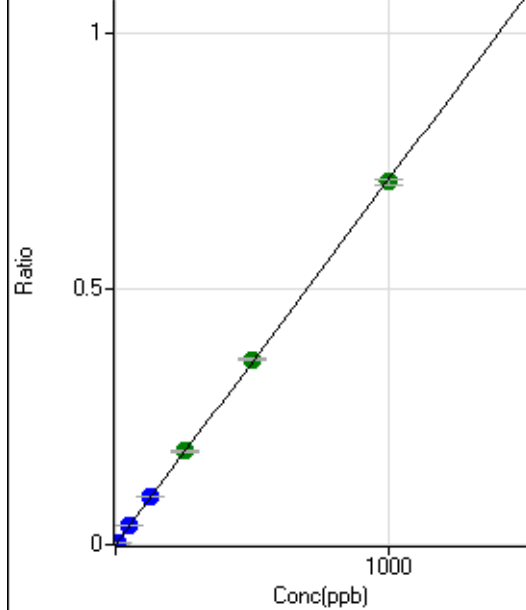
$$R = 0.9999$$

$$DL = 0.1133$$

$$BEC = 0.5298$$

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	666.71	0.0001	P	11.8
2	☐	0.500					
3	☐	5.000	4.489	29141.07	0.0033	P	0.8
4	☐	50.000	51.993	342590.05	0.0371	P	0.6
5	☐	125.000	130.409	871277.08	0.0929	P	1.6
6	☐	250.000	256.786	1752588.28	0.1829	A	1.1
7	☐	500.000	507.057	3591751.51	0.3612	A	1.0
8	☐	1000.000	994.002	7068743.91	0.7080	A	1.8
9	☐			5423.60	0.0006	P	4.8

$$y = 7.1216\text{E-}004 * x + 7.6046\text{E-}005$$

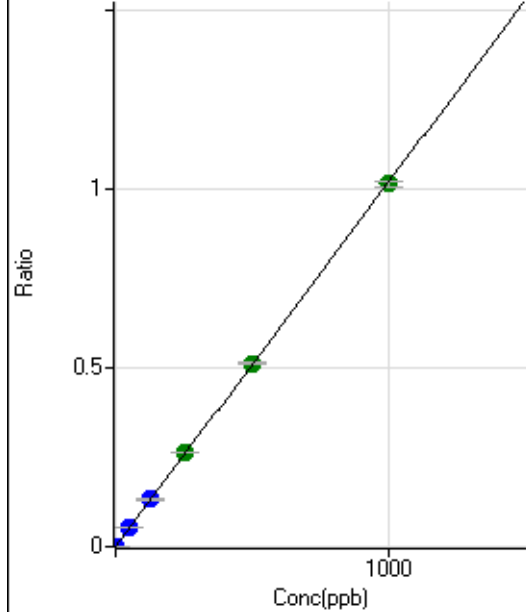
$$R = 0.9999$$

$$DL = 0.03796$$

$$BEC = 0.1068$$

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	69.45	0.0000	P	46.5
2	☐	0.200					
3	☐	2.000	1.868	17039.33	0.0019	P	1.1
4	☐	50.000	51.790	488049.17	0.0529	P	1.1
5	☐	125.000	129.750	1241236.08	0.1324	P	1.1
6	☐	250.000	257.975	2521911.95	0.2633	A	0.7
7	☐	500.000	503.425	5108951.07	0.5137	A	0.6
8	☐	1000.000	995.611	10144654.74	1.0160	A	1.5
9	☐			25018.90	0.0026	P	1.5

$$y = 0.0010 * x + 7.9448\text{E-}006$$

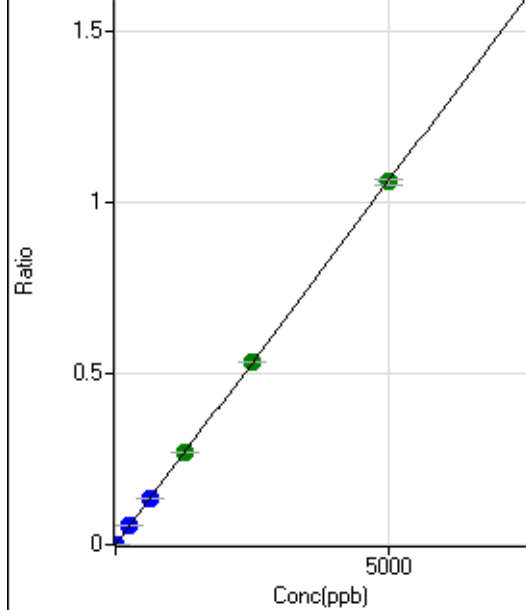
$$R = 1.0000$$

$$DL = 0.01085$$

$$BEC = 0.007785$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	53.8
2	☐	1.000					
3	☐	10.000	8.952	16975.35	0.0019	P	1.1
4	☐	250.000	258.435	507034.13	0.0549	P	1.9
5	☐	625.000	641.036	1276839.07	0.1362	P	1.5
6	☐	1250.000	1266.998	2578925.86	0.2692	A	1.6
7	☐	2500.000	2511.986	5308036.28	0.5338	A	0.6
8	☐	5000.000	4987.333	10581063.43	1.0597	A	1.7
9	☐			3525.62	0.0004	P	5.7

$$y = 2.1248E-004 * x + 4.4386E-006$$

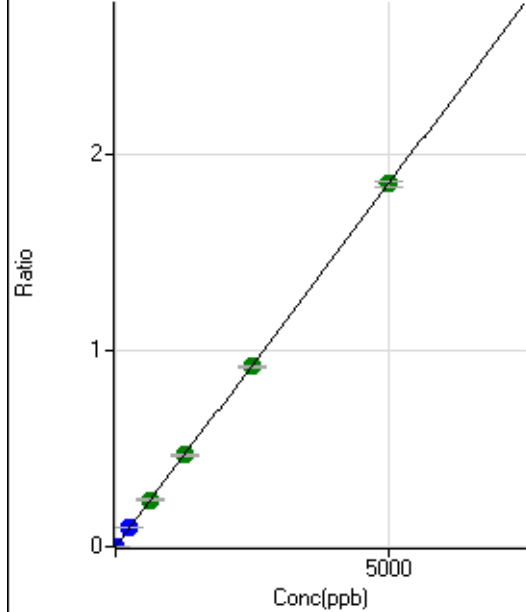
$$R = 1.0000$$

$$DL = 0.03368$$

$$BEC = 0.02089$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	25.4
2	☐	1.000					
3	☐	10.000	8.911	29383.75	0.0033	P	1.9
4	☐	250.000	257.399	878717.50	0.0952	P	1.3
5	☐	625.000	647.695	2244745.67	0.2395	A	2.1
6	☐	1250.000	1263.543	4475205.61	0.4672	A	1.0
7	☐	2500.000	2487.369	9145311.49	0.9196	A	0.9
8	☐	5000.000	4999.725	18456432.88	1.8485	A	1.9
9	☐			5581.99	0.0006	P	2.0

$$y = 3.6972E-004 * x + 5.3616E-006$$

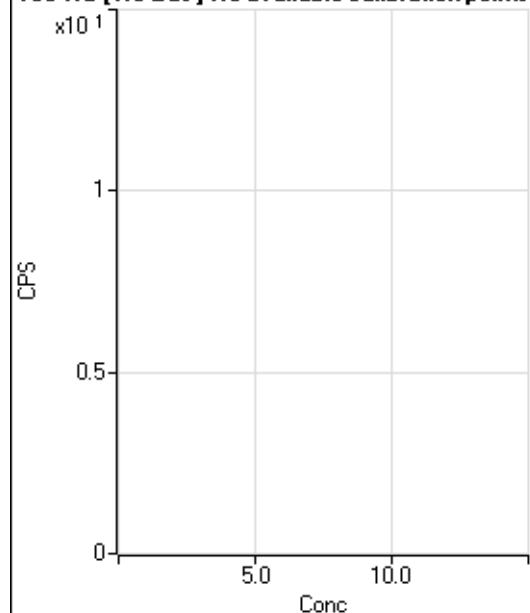
$$R = 1.0000$$

$$DL = 0.01103$$

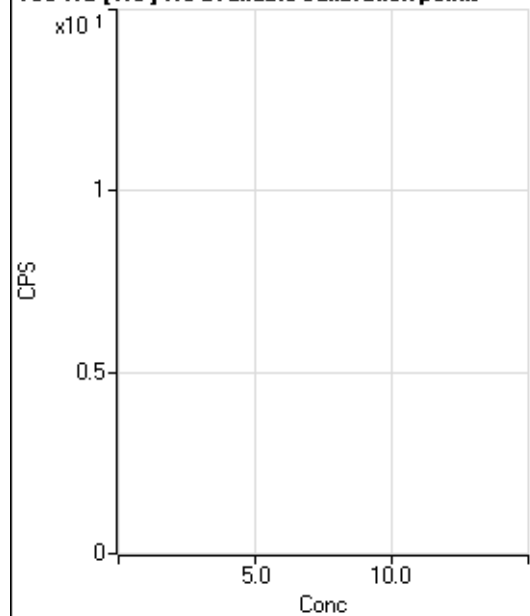
$$BEC = 0.0145$$

Weight: <None>

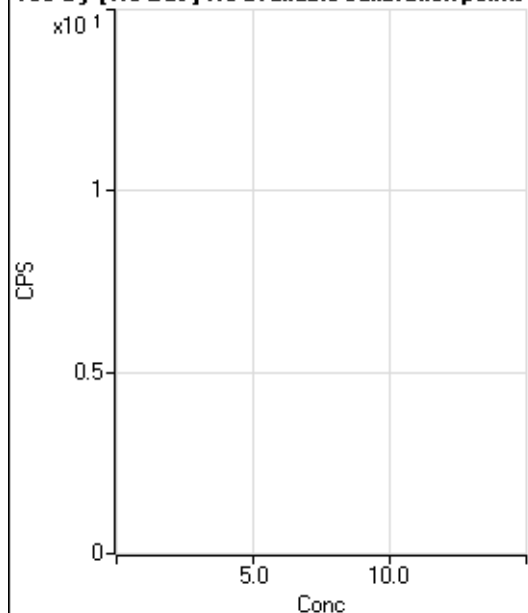
Min Conc: 0

150 Nd [No Gas] No available calibration points

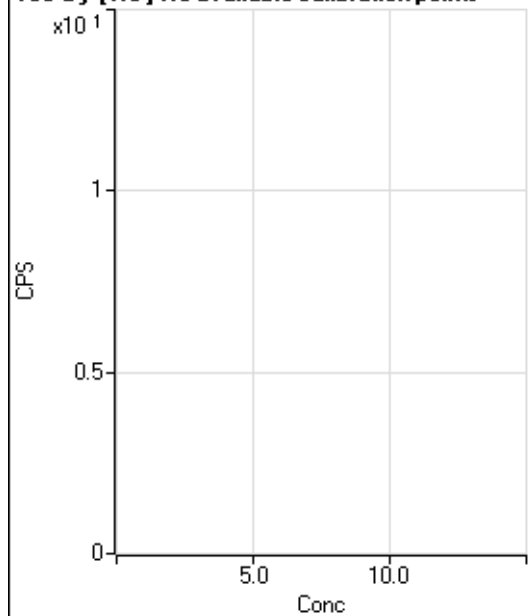
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.5
2	☐						
3	☐			8.89		P	43.3
4	☐			22.22		P	62.4
5	☐			53.34		P	33.1
6	☐			140.01		P	26.5
7	☐			224.46		P	18.9
8	☐			448.91		P	9.7
9	☐			111.12		P	15.1

150 Nd [He] No available calibration points

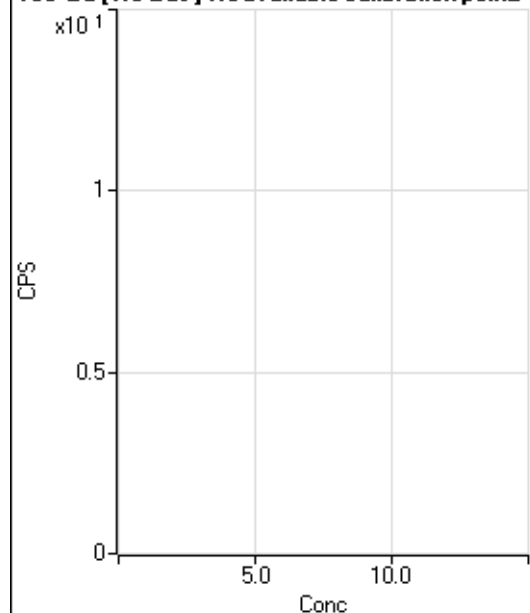
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			4.45		P	86.6
6	☐			2.22		P	173.2
7	☐			4.45		P	86.6
8	☐			35.56		P	21.6
9	☐			12.22		P	56.8

156 Dy [No Gas] No available calibration points

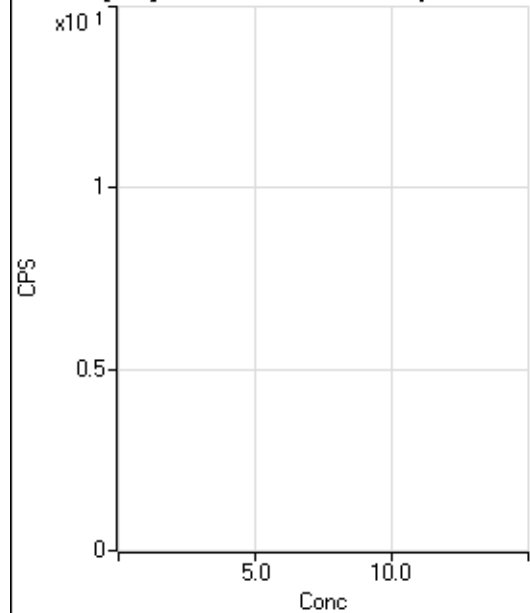
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			25.00		P	0.0
4	☐			16.66		P	86.6
5	☐			30.55		P	15.7
6	☐			91.67		P	15.7
7	☐			113.90		P	8.5
8	☐			288.91		P	34.4
9	☐			94.45		P	36.7

156 Dy [He] No available calibration points

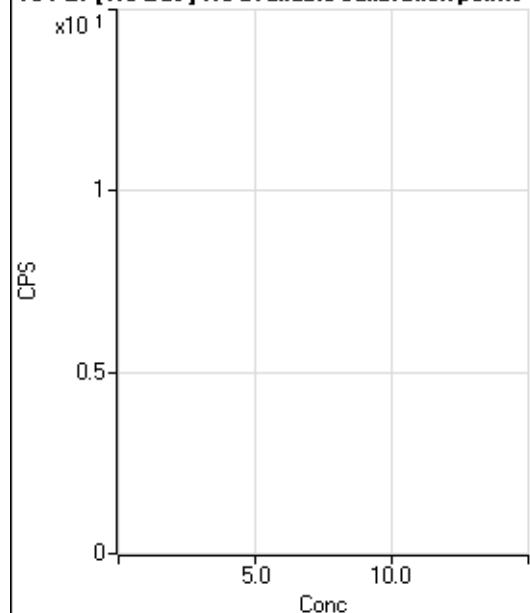
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			4.44		P	173.2
4	☐			2.22		P	86.6
5	☐			1.11		P	173.2
6	☐			12.22		P	63.0
7	☐			17.78		P	10.8
8	☐			35.56		P	23.6
9	☐			10.00		P	100.0

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

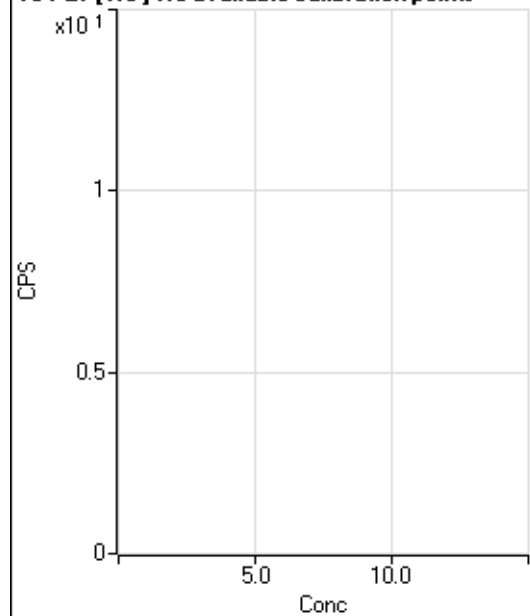
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	54.3
2	☐						
3	☐			66.67		P	45.1
4	☐			61.12		P	47.9
5	☐			50.00		P	44.1
6	☐			105.56		P	25.4
7	☐			136.12		P	40.8
8	☐			255.57		P	16.7
9	☐			72.23		P	46.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			12.22		P	31.5
4	☐			12.22		P	15.7
5	☐			12.22		P	41.7
6	☐			16.67		P	52.9
7	☐			27.78		P	13.9
8	☐			47.78		P	35.8
9	☐			32.22		P	21.5

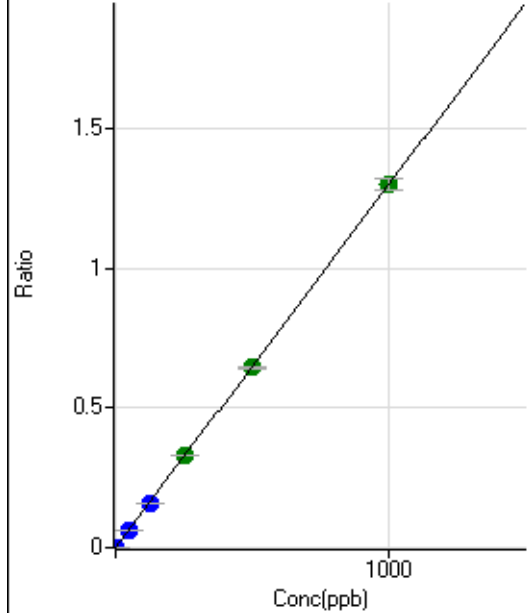
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	78.7
2	☐						
3	☐			38.89		P	44.6
4	☐			33.34		P	43.3
5	☐			33.33		P	0.0
6	☐			72.22		P	29.0
7	☐			58.34		P	28.6
8	☐			111.12		P	28.4
9	☐			52.78		P	18.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.6
2	☐						
3	☐			11.11		P	75.5
4	☐			6.67		P	50.0
5	☐			6.67		P	86.6
6	☐			6.67		P	0.0
7	☐			11.11		P	34.6
8	☐			24.44		P	20.8
9	☐			5.55		P	69.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	119.45	0.0000	P	33.1
2	☐	0.100					
3	☐	1.000	0.892	5871.07	0.0012	P	3.9
4	☐	50.000	49.042	332950.03	0.0637	P	1.2
5	☐	125.000	123.852	853953.68	0.1608	P	1.0
6	☐	250.000	254.283	1777592.88	0.3301	A	0.4
7	☐	500.000	497.470	3689573.61	0.6457	A	0.8
8	☐	1000.000	1000.386	7371540.44	1.2985	A	3.1
9	☐			2030.83	0.0004	P	11.5

$$y = 0.0013 * x + 2.3860E-005$$

$$R = 1.0000$$

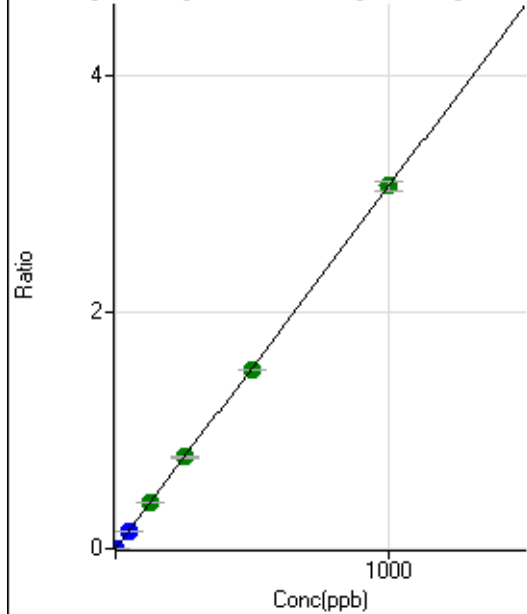
$$DL = 0.01824$$

$$BEC = 0.01838$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	186.12	0.0000	P	12.8
2	☐	0.100					
3	☐	1.000	0.914	14077.91	0.0028	P	3.6
4	☐	50.000	49.400	791161.96	0.1513	P	1.0
5	☐	125.000	126.289	2054219.23	0.3868	A	1.8
6	☐	250.000	252.749	4168495.58	0.7740	A	0.9
7	☐	500.000	495.214	8665680.14	1.5166	A	0.4
8	☐	1000.000	1001.575	17412994.31	3.0672	A	3.0
9	☐			5104.02	0.0010	P	4.6

$$y = 0.0031 * x + 3.7033E-005$$

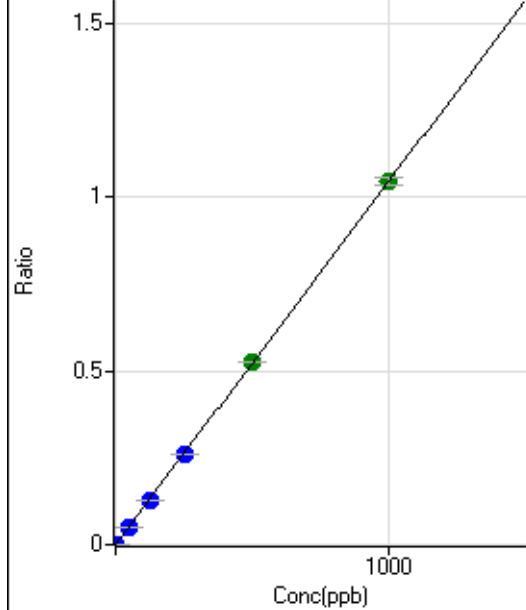
$$R = 1.0000$$

$$DL = 0.004657$$

$$BEC = 0.01209$$

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	585.22	0.0001	P	12.6
2	☐	0.100					
3	☐	1.000	1.032	5931.18	0.0012	P	2.7
4	☐	50.000	49.013	268361.27	0.0513	P	0.4
5	☐	125.000	123.181	684154.74	0.1288	P	1.4
6	☐	250.000	247.508	1393251.51	0.2587	P	0.4
7	☐	500.000	502.192	2998718.44	0.5248	A	0.1
8	☐	1000.000	999.804	5931678.37	1.0447	A	2.2
9	☐			11574.14	0.0022	P	2.7

$$y = 0.0010 * x + 1.1644E-004$$

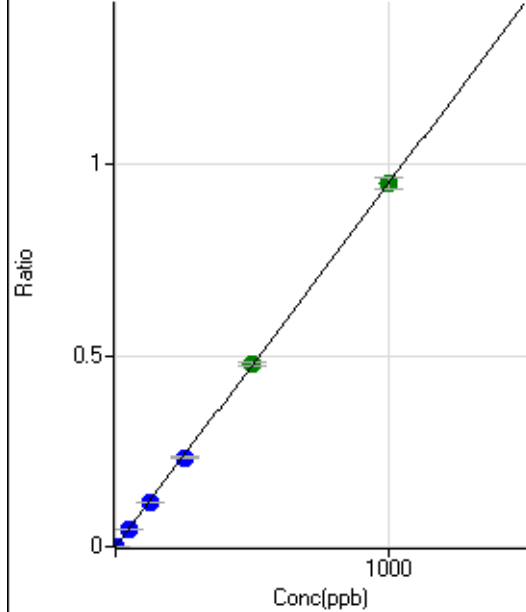
$$R = 1.0000$$

$$DL = 0.04198$$

$$BEC = 0.1114$$

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	537.07	0.0001	P	3.8
2	☐	0.100					
3	☐	1.000	1.038	5421.71	0.0011	P	5.5
4	☐	50.000	48.514	241148.80	0.0461	P	0.6
5	☐	125.000	122.490	617623.69	0.1163	P	0.5
6	☐	250.000	245.655	1255358.65	0.2331	P	0.9
7	☐	500.000	503.711	2730412.24	0.4779	A	1.3
8	☐	1000.000	999.619	5382968.35	0.9482	A	3.1
9	☐			9609.48	0.0018	P	1.5

$$y = 9.4846E-004 * x + 1.0683E-004$$

$$R = 1.0000$$

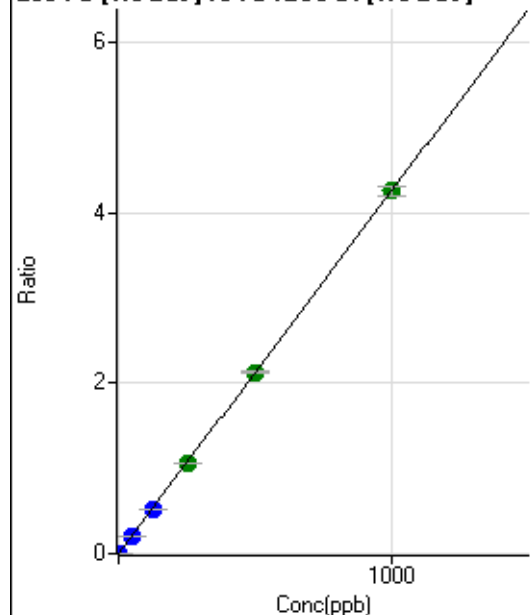
$$DL = 0.01272$$

$$BEC = 0.1126$$

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	2348.32	0.0005	P	5.9
2	☐	0.100					
3	☐	1.000	1.026	24041.06	0.0048	P	3.0
4	☐	50.000	48.777	1089206.65	0.2083	P	0.4
5	☐	125.000	122.747	2780498.07	0.5235	P	0.8
6	☐	250.000	250.168	5743433.41	1.0665	A	1.1
7	☐	500.000	500.126	12179794.48	2.1316	A	0.4
8	☐	1000.000	1000.238	24201451.41	4.2626	A	2.5
9	☐			45214.30	0.0085	P	1.6

$$y = 0.0043 * x + 4.6722E-004$$

$$R = 1.0000$$

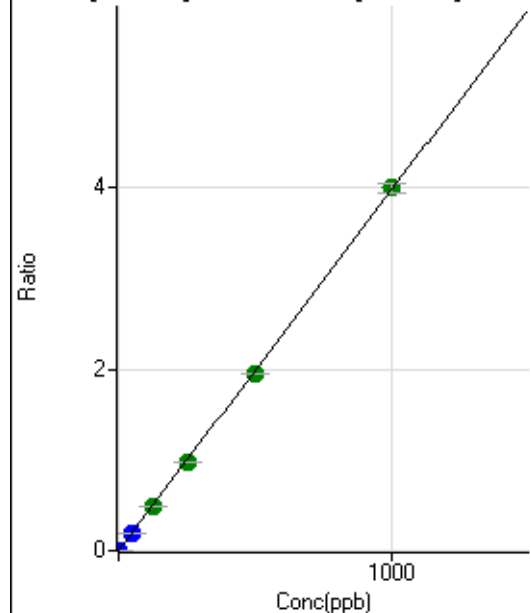
$$DL = 0.01934$$

$$BEC = 0.1096$$

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	66.67	0.0000	P	23.8
2	☐	0.100					
3	☐	1.000	0.865	17132.01	0.0034	P	4.0
4	☐	50.000	47.697	990322.54	0.1894	P	0.6
5	☐	125.000	122.667	2587074.62	0.4871	A	1.1
6	☐	250.000	245.670	5253460.23	0.9755	A	0.4
7	☐	500.000	490.353	11125650.42	1.9471	A	0.3
8	☐	1000.000	1006.313	22685896.17	3.9958	A	2.7
9	☐			1622.41	0.0003	P	3.6

$$y = 0.0040 * x + 1.3244E-005$$

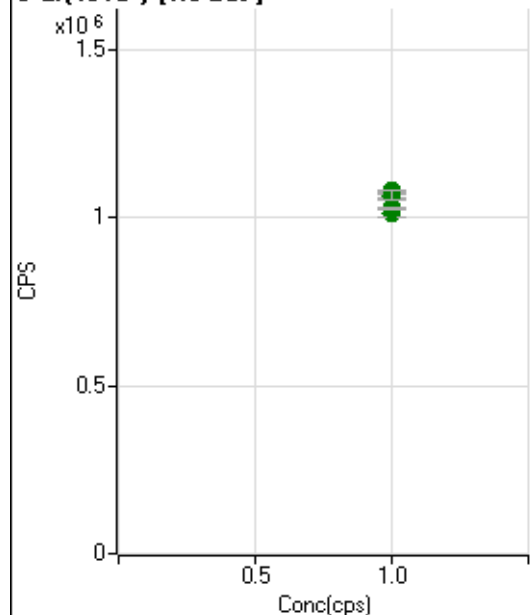
$$R = 0.9999$$

$$DL = 0.002381$$

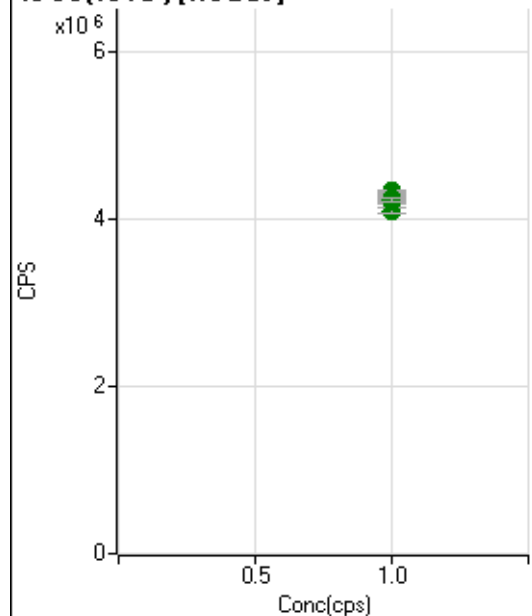
$$BEC = 0.003335$$

Weight: <None>

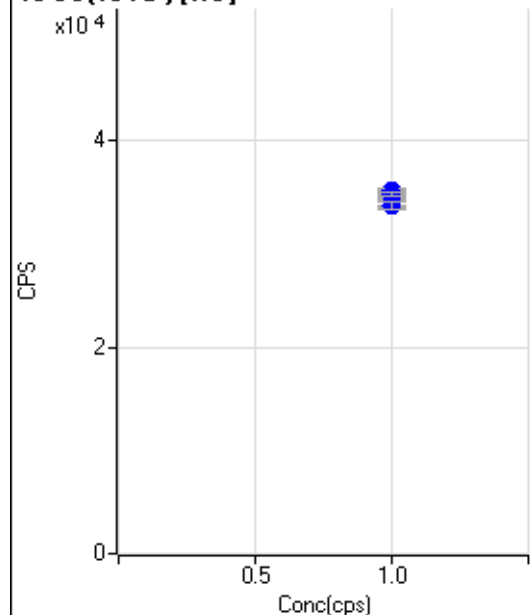
Min Conc: 0

6 Li(ISTD) [No Gas]

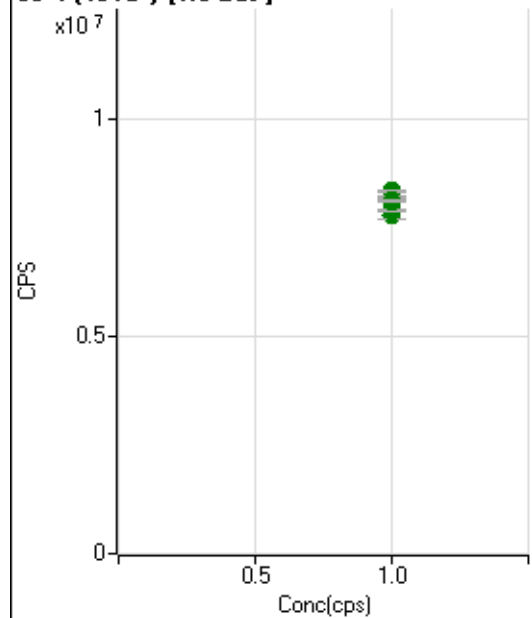
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1010668.10		A	2.4
2	☐	1.000					
3	☐	1.000		1026583.08		A	0.3
4	☐	1.000		1064477.82		A	1.6
5	☐	1.000		1064860.26		A	0.8
6	☐	1.000		1066456.29		A	1.8
7	☐	1.000		1078896.57		A	0.8
8	☐	1.000		1066424.92		A	2.3
9	☐	1.000		1025544.91		A	0.7

45 Sc(ISTD) [No Gas]

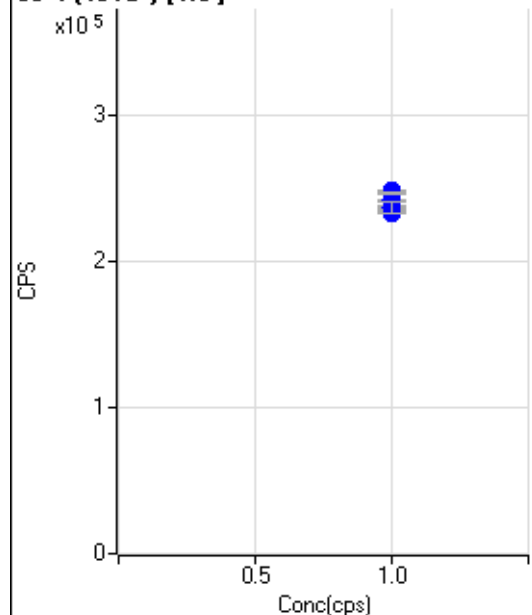
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4106290.24		A	1.5
2	☐	1.000					
3	☐	1.000		4214517.20		A	0.8
4	☐	1.000		4342857.04		A	0.6
5	☐	1.000		4317637.55		A	0.4
6	☐	1.000		4316470.37		A	0.7
7	☐	1.000		4338491.76		A	0.1
8	☐	1.000		4262298.58		A	1.2
9	☐	1.000		4231337.59		A	0.8

45 Sc(ISTD) [He]

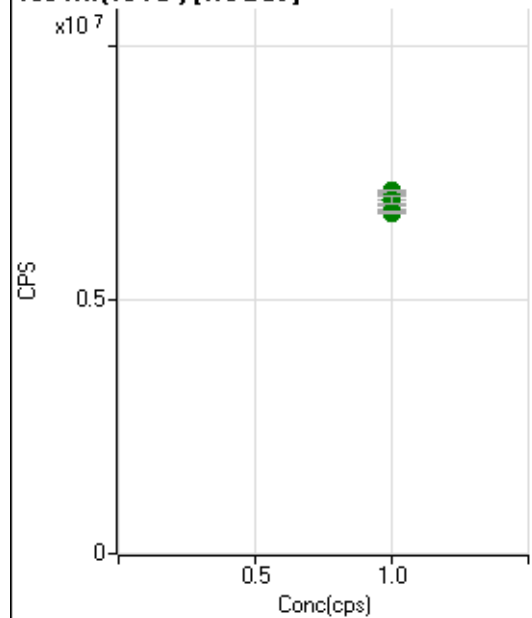
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		33625.93		P	0.9
2	☐	1.000					
3	☐	1.000		34353.25		P	0.3
4	☐	1.000		35015.95		P	1.4
5	☐	1.000		34636.33		P	3.6
6	☐	1.000		35123.96		P	1.5
7	☐	1.000		33721.76		P	2.1
8	☐	1.000		34824.42		P	0.8
9	☐	1.000		33734.03		P	2.3

89 Y(ISTD) [No Gas]

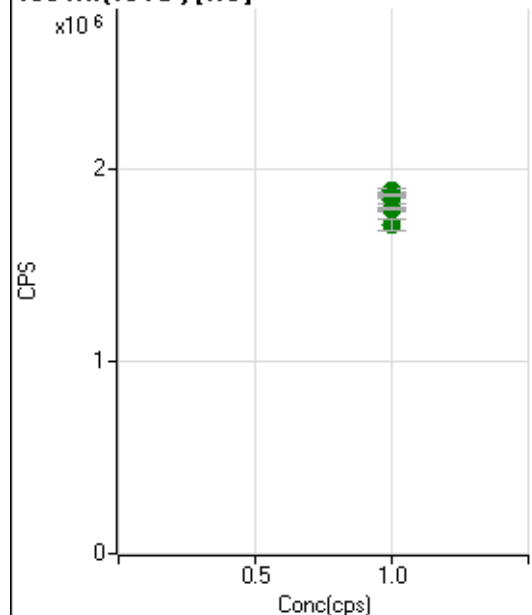
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7783872.94		A	2.4
2	☐	1.000					
3	☐	1.000		7882889.19		A	0.4
4	☐	1.000		8152996.34		A	0.8
5	☐	1.000		8220937.86		A	0.6
6	☐	1.000		8212588.07		A	0.6
7	☐	1.000		8348791.20		A	0.8
8	☐	1.000		8156005.71		A	1.9
9	☐	1.000		8110546.48		A	0.6

89 Y (ISTD) [He]

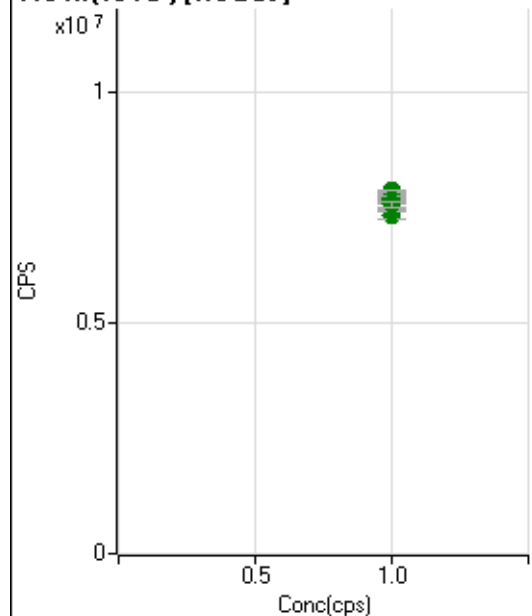
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		237689.42		P	0.8
2	☐	1.000					
3	☐	1.000		241487.28		P	0.2
4	☐	1.000		248357.05		P	0.6
5	☐	1.000		242538.05		P	3.5
6	☐	1.000		246505.23		P	0.7
7	☐	1.000		233064.97		P	0.6
8	☐	1.000		236563.63		P	0.2
9	☐	1.000		237311.61		P	3.4

103 Rh(ISTD) [NoGas]

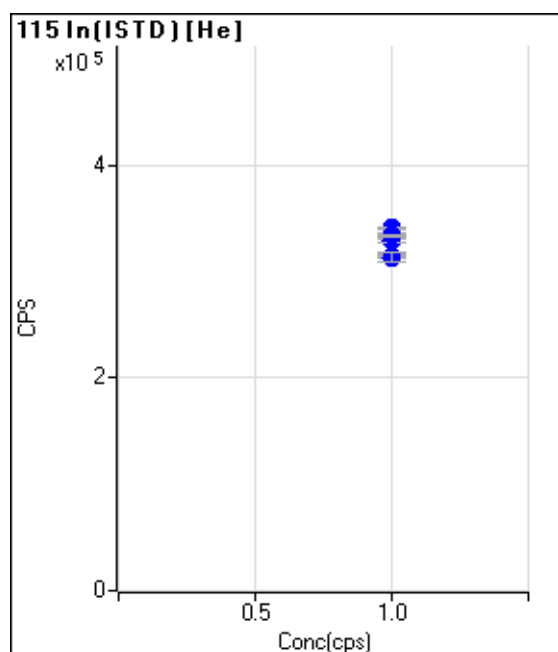
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6851237.87		A	1.9
2	☐	1.000					
3	☐	1.000		6917124.98		A	1.5
4	☐	1.000		7107266.13		A	0.6
5	☐	1.000		7091705.10		A	1.0
6	☐	1.000		7097954.15		A	0.5
7	☐	1.000		7154239.83		A	0.2
8	☐	1.000		6961038.95		A	2.2
9	☐	1.000		6726915.21		A	0.4

103 Rh(ISTD) [He]

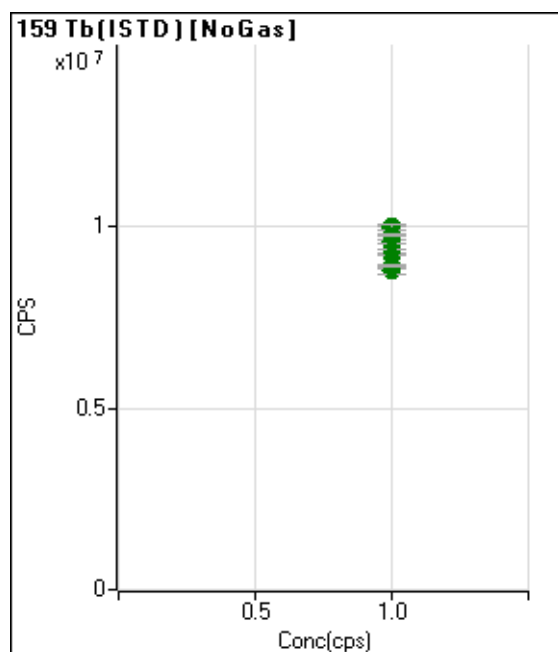
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1840290.93		A	1.3
2	☐	1.000					
3	☐	1.000		1855140.13		A	0.1
4	☐	1.000		1890756.12		A	0.9
5	☐	1.000		1845644.02		A	2.3
6	☐	1.000		1865694.00		A	0.6
7	☐	1.000		1796476.52		A	1.2
8	☐	1.000		1797877.30		A	0.6
9	☐	1.000		1717374.49		A	3.4

115 In(ISTD) [NoGas]

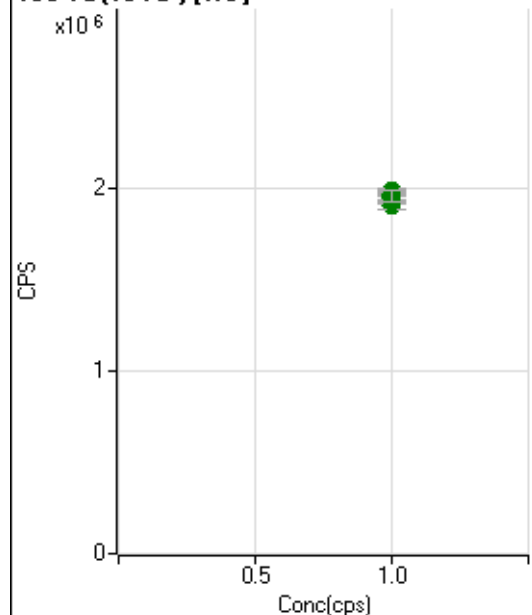
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7352678.61		A	2.2
2	☐	1.000					
3	☐	1.000		7436498.33		A	0.7
4	☐	1.000		7734941.55		A	0.8
5	☐	1.000		7752969.66		A	1.1
6	☐	1.000		7708835.29		A	0.9
7	☐	1.000		7866206.99		A	0.8
8	☐	1.000		7664761.55		A	2.0
9	☐	1.000		7568153.40		A	1.4



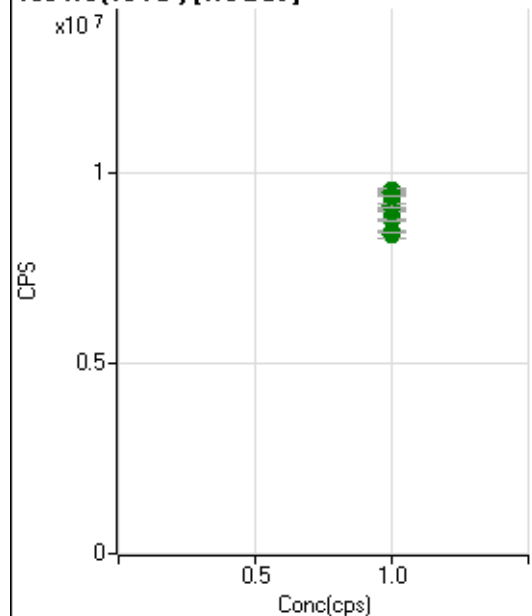
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		328380.27		P	1.1
2	☐	1.000					
3	☐	1.000		331560.94		P	0.5
4	☐	1.000		341099.35		P	0.3
5	☐	1.000		331957.52		P	2.8
6	☐	1.000		333570.59		P	0.2
7	☐	1.000		315127.31		P	0.9
8	☐	1.000		312681.17		P	0.4
9	☐	1.000		313561.42		P	3.1



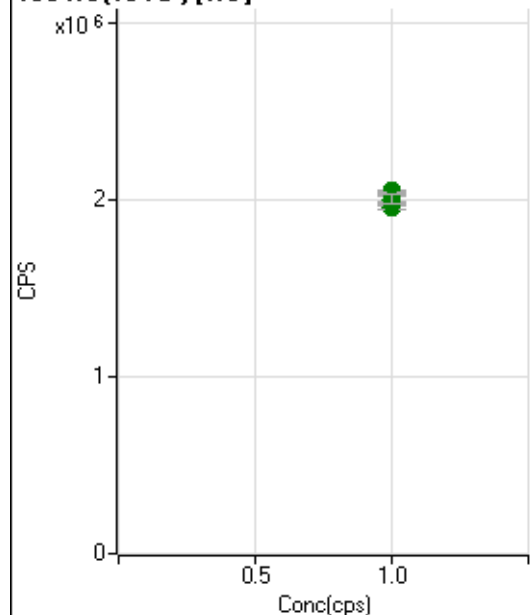
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8779890.07		A	1.9
2	☐	1.000					
3	☐	1.000		8903718.48		A	0.4
4	☐	1.000		9233655.42		A	0.9
5	☐	1.000		9374157.91		A	0.4
6	☐	1.000		9580048.54		A	1.4
7	☐	1.000		9944949.71		A	0.9
8	☐	1.000		9986593.12		A	1.7
9	☐	1.000		9758948.61		A	0.3

159 Tb(ISTD) [He]

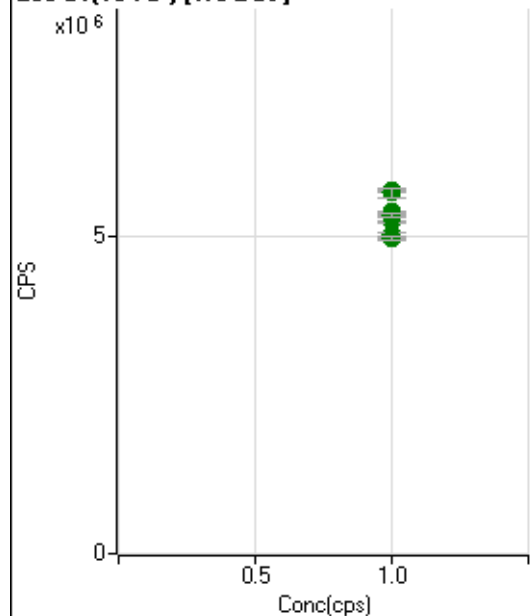
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1905325.06		A	1.8
2	☐	1.000					
3	☐	1.000		1932297.66		A	0.6
4	☐	1.000		1988341.45		A	1.5
5	☐	1.000		1954670.68		A	2.3
6	☐	1.000		1990371.27		A	0.9
7	☐	1.000		1936955.93		A	0.1
8	☐	1.000		1971373.23		A	0.7
9	☐	1.000		1959956.48		A	3.2

165 Ho(ISTD) [NoGas]

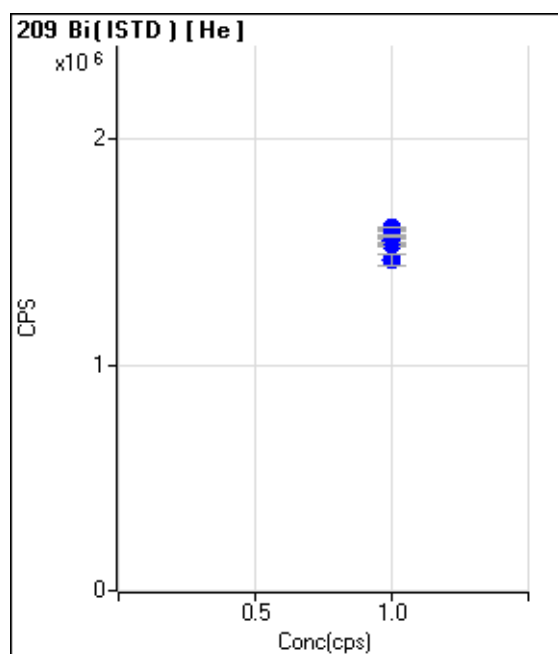
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8392773.71		A	2.3
2	☐	1.000					
3	☐	1.000		8444411.47		A	0.3
4	☐	1.000		8786788.91		A	0.4
5	☐	1.000		9020173.73		A	0.5
6	☐	1.000		9159063.14		A	1.1
7	☐	1.000		9550895.09		A	0.9
8	☐	1.000		9536518.01		A	1.3
9	☐	1.000		9403780.16		A	0.1

165 Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1955811.88		A	0.7
2	☐	1.000					
3	☐	1.000		1980140.84		A	0.5
4	☐	1.000		2037930.44		A	0.8
5	☐	1.000		2002091.55		A	2.2
6	☐	1.000		2050404.97		A	0.3
7	☐	1.000		1987155.02		A	0.3
8	☐	1.000		2034020.41		A	0.4
9	☐	1.000		2003741.43		A	2.9

209 Bi(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5025781.18		A	1.8
2	☐	1.000					
3	☐	1.000		4966770.69		A	0.6
4	☐	1.000		5228684.19		A	0.5
5	☐	1.000		5311404.99		A	0.5
6	☐	1.000		5385371.03		A	0.3
7	☐	1.000		5714065.75		A	0.8
8	☐	1.000		5680174.01		A	2.7
9	☐	1.000		5340433.88		A	1.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1529737.24		P	0.3
2	☐	1.000					
3	☐	1.000		1529737.43		P	0.5
4	☐	1.000		1601927.11		P	0.1
5	☐	1.000		1565697.08		P	2.9
6	☐	1.000		1606143.94		P	0.1
7	☐	1.000		1550429.13		P	1.0
8	☐	1.000		1569934.04		P	0.1
9	☐	1.000		1463880.24		P	3.1

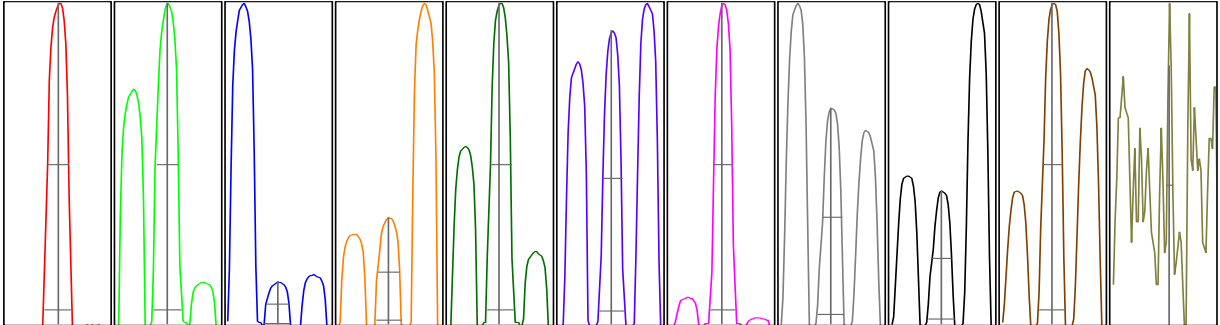
US EPA Tune Check Sample Report

Batch Folder D:\P8090117-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]					
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)	
9	8448	0.77	5.00		
24	69862	0.85	5.00		
25	9382	0.67	5.00		
26	10811	0.94	5.00		
59	96232	0.92	5.00		
113	13172	1.53	5.00		
115	166288	1.35	5.00		
206	32964	0.92	5.00		
207	29679	0.69	5.00		
208	70634	0.77	5.00		
220	2	10.76			

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8490	8394	8521	8469	8368
24	69325	69808	70487	70451	69238
25	9360	9385	9420	9454	9290
26	10769	10854	10849	10924	10658
59	95817	97191	96130	96990	95033
113	13014	13385	13210	13334	12918
115	165042	168493	166992	167908	163006
206	32580	33093	33022	33361	32765
207	29559	29661	29741	29987	29447
208	70479	70353	70774	71496	70066
220	2	2	1	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	13855	9.05	8.9 - 9.1		0.779	0.900	
24	111898	24.00	23.9 - 24.1		0.828	0.900	
25	15097	25.00	24.9 - 25.1		0.744	0.900	
26	17659	26.00	25.9 - 26.1		0.740	0.900	
59	163339	59.00	58.9 - 59.1		0.780	0.900	
113	24500	113.05	112.9 - 113.1		0.730	0.900	
115	307646	115.05	114.9 - 115.1		0.728	0.900	
206	59570	206.00	205.9 - 206.1		0.770	0.900	
207	53303	207.00	206.9 - 207.1		0.780	0.900	
208	128052	208.00	207.9 - 208.1		0.766	0.900	
220	2	220.20	-				

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	8.5	V	Deflect	13.8	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12161	0.82	
89	2867	1.05	
205	18083	0.51	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12225	12140	12077	12298	12066
89	2880	2869	2854	2906	2826
205	18169	18141	18018	18131	17955

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	8.5	V	Deflect	2.6	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	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 :	LB89864	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:22:25	DataFile Name :	003CALB_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.48	-2.32	1.83	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	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.12	-0.36	0.24	0.00	N/A	ppb
Boron	11-1	0.20	0.05	-0.25	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.42	0.59	-0.17	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	12.72	0.16	-12.89	0.00	N/A	ppb
Calcium	44-1	1.75	0.14	-1.89	0.00	N/A	ppb
Chromium	52-2	-0.02	0.00	0.02	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.02	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.02	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.00	0.00	0.01	0.00	N/A	ppb
Iron	57-2	1.47	-0.17	-1.30	0.00	N/A	ppb
Lead	206-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.05	1.60	-0.55	0.00	N/A	ppb
Manganese	55-2	-0.02	-0.02	0.04	0.00	N/A	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:22:25	DataFile Name :	003CALB_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-9.49	28.64	-9.49	3.22	684.41	ppb
Potassium	39-2	-3.94	-0.88	4.82	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	6.60	-3.30	-3.30	0.00	N/A	ppb
Selenium	78-2	-0.51	1.02	-0.51	0.00	N/A	ppb
Selenium	82-1	-0.47	0.16	0.31	0.00	N/A	ppb
Silicon	28-1	1.77	0.66	-2.43	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	0.98	2.45	-3.43	0.00	N/A	ppb
Strontium	86-1	0.00	0.02	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	301.37	184.81	44.33	176.84	72.78	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.04	0.05	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.11	-0.06	-0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:22:25	DataFile Name :	003CALB_P8090117-MS

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

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:29:31	DataFile Name :	005CALS_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.79	15.35	27.45	21.20	28.60	ppb
Antimony	121-1	1.86	1.85	1.89	1.87	1.08	ppb
Arsenic	75-2	0.93	0.93	0.75	0.87	11.39	ppb
Barium	135-1	9.06	8.87	8.92	8.95	1.09	ppb
Barium	137-1	9.10	8.86	8.77	8.91	1.93	ppb
Beryllium	9-1	0.90	0.93	0.75	0.86	11.37	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	20.48	21.96	20.22	20.88	4.48	ppb
Boron	11-1	20.33	20.42	20.89	20.54	1.47	ppb
Cadmium	111-1	0.99	0.87	0.97	0.94	6.38	ppb
Cadmium	106-1	1.22	0.95	1.42	1.20	19.76	ppb
Cadmium	108-1	1.08	1.03	0.87	0.99	10.93	ppb
Calcium	43-1	441.67	434.76	414.34	430.25	3.30	ppb
Calcium	44-1	440.46	428.96	433.43	434.28	1.33	ppb
Chromium	52-2	2.02	2.19	1.92	2.04	6.70	ppb
Cobalt	59-2	0.89	0.90	0.78	0.86	7.72	ppb
Copper	63-2	2.08	1.94	1.92	1.98	4.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	45.88	45.09	45.48	45.48	0.87	ppb
Iron	57-2	42.27	43.00	46.96	44.08	5.73	ppb
Lead	206-1	1.06	1.04	1.00	1.03	3.02	ppb
Lead	207-1	1.06	1.09	0.97	1.04	6.12	ppb
Lead	208-1	1.06	1.03	0.99	1.03	3.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	439.86	435.61	416.71	430.72	2.86	ppb
Manganese	55-2	0.97	1.04	0.88	0.97	8.36	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:29:31	DataFile Name :	005CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.85	1.89	1.81	1.85	2.35	ppb
Molybdenum	95-1	4.08	4.28	4.25	4.20	2.58	ppb
Molybdenum	96-1	3.59	3.63	3.82	3.68	3.26	ppb
Molybdenum	97-1	4.38	4.39	4.32	4.36	0.97	ppb
Molybdenum	98-1	4.26	4.29	4.21	4.25	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	1.10	1.18	1.05	15.15	ppb
Phosphorus	31-2	9.34	-9.49	-9.49	-3.22		ppb
Potassium	39-2	432.30	461.03	426.36	439.90	4.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	1.61	1.60	1.62	1.61	0.53	ppb
Selenium	78-2	4.73	3.98	10.00	6.24	52.62	ppb
Selenium	82-1	4.73	4.52	5.34	4.86	8.81	ppb
Silicon	28-1	8.69	8.35	7.28	8.11	9.10	ppb
Silver	109-1	1.11	1.15	1.24	1.16	5.84	ppb
Silver	107-1	1.20	1.18	1.17	1.18	1.25	ppb
Sodium	23-2	450.57	452.52	446.68	449.92	0.66	ppb
Strontium	86-1	0.88	0.91	0.90	0.90	1.72	ppb
Strontium	88-1	0.88	0.92	0.89	0.90	1.99	ppb
Sulfur	34-1	-38.35	-210.07	-282.09	-176.84		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.90	0.92	0.86	0.89	3.93	ppb
Thallium	205-1	0.94	0.88	0.92	0.91	3.66	ppb
Tin	118-1	4.53	4.49	4.45	4.49	0.86	ppb
Titanium	47-1	4.15	4.40	4.73	4.43	6.60	ppb
Uranium	238-1	0.90	0.86	0.83	0.87	4.00	ppb
Vanadium	51-2	4.38	4.47	4.75	4.54	4.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	2.30	1.71	1.79	1.93	16.77	ppb
Zirconium	90-1	0.81	0.85	0.76	0.80	5.81	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:29:31	DataFile Name :	005CALS_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.76	0.89	0.87	0.84	8.38	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:32:59	DataFile Name :	006CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	899.30	956.79	1025.47	960.52	6.58	ppb
Antimony	121-1	51.15	52.19	52.03	51.79	1.08	ppb
Arsenic	75-2	51.25	50.49	48.51	50.09	2.83	ppb
Barium	135-1	252.86	259.98	262.46	258.44	1.93	ppb
Barium	137-1	253.50	259.51	259.19	257.40	1.31	ppb
Beryllium	9-1	50.77	50.98	49.22	50.33	1.91	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	48.22	46.81	46.22	47.09	2.18	ppb
Boron	11-1	48.37	48.44	49.17	48.66	0.91	ppb
Cadmium	111-1	53.14	53.03	54.44	53.54	1.46	ppb
Cadmium	106-1	54.47	54.22	55.59	54.76	1.33	ppb
Cadmium	108-1	54.23	52.54	54.76	53.84	2.15	ppb
Calcium	43-1	4979.22	4924.77	4897.42	4933.80	0.84	ppb
Calcium	44-1	5055.87	5061.04	4924.59	5013.83	1.54	ppb
Chromium	52-2	51.06	52.06	52.33	51.82	1.29	ppb
Cobalt	59-2	50.02	51.70	52.02	51.24	2.10	ppb
Copper	63-2	102.28	105.61	105.17	104.35	1.73	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				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	2631.53	2642.41	2662.04	2645.33	0.58	ppb
Iron	57-2	2538.27	2601.92	2690.53	2610.24	2.93	ppb
Lead	206-1	49.14	48.80	49.10	49.01	0.38	ppb
Lead	207-1	48.31	48.40	48.83	48.51	0.58	ppb
Lead	208-1	48.72	48.63	48.98	48.78	0.37	ppb
Lithium	6-1				105		%
Magnesium	24-2	4879.51	5052.70	5083.83	5005.35	2.20	ppb
Manganese	55-2	104.06	104.98	106.62	105.22	1.23	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:32:59	DataFile Name :	006CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.73	49.57	48.79	49.36	1.03	ppb
Molybdenum	95-1	49.40	48.66	47.92	48.66	1.52	ppb
Molybdenum	96-1	49.00	48.44	47.64	48.36	1.41	ppb
Molybdenum	97-1	48.99	49.21	47.67	48.63	1.71	ppb
Molybdenum	98-1	48.99	49.39	48.06	48.81	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.40	53.27	54.25	53.64	1.00	ppb
Phosphorus	31-2	1080.07	1163.21	845.77	1029.69	15.99	ppb
Potassium	39-2	2444.60	2605.16	2537.15	2528.97	3.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	49.51	39.85	67.87	52.41	27.16	ppb
Selenium	78-2	60.93	57.20	55.88	58.00	4.51	ppb
Selenium	82-1	50.92	51.04	50.42	50.79	0.65	ppb
Silicon	28-1	63.65	62.44	62.60	62.90	1.04	ppb
Silver	109-1	49.36	49.50	50.16	49.67	0.86	ppb
Silver	107-1	50.31	50.14	50.19	50.21	0.17	ppb
Sodium	23-2	4980.46	5055.91	5146.36	5060.91	1.64	ppb
Strontium	86-1	50.43	49.87	49.75	50.02	0.73	ppb
Strontium	88-1	50.45	50.68	50.11	50.41	0.57	ppb
Sulfur	34-1	1001.02	888.58	701.34	863.64	17.53	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	48.37	49.28	49.48	49.04	1.21	ppb
Thallium	205-1	48.85	49.85	49.49	49.40	1.03	ppb
Tin	118-1	51.69	51.94	52.35	51.99	0.64	ppb
Titanium	47-1	50.34	50.03	48.69	49.68	1.76	ppb
Uranium	238-1	47.47	48.02	47.60	47.70	0.60	ppb
Vanadium	51-2	51.23	50.52	50.89	50.88	0.70	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	98.63	102.11	97.93	99.56	2.25	ppb
Zirconium	90-1	48.83	49.33	48.79	48.98	0.61	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:32:59	DataFile Name :	006CALS_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.05	49.42	48.31	48.93	1.15	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:36:32	DataFile Name :	007CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2701.30	2398.17	2347.90	2482.46	7.70	ppb
Antimony	121-1	128.14	131.06	130.05	129.75	1.14	ppb
Arsenic	75-2	129.77	126.94	123.63	126.78	2.42	ppb
Barium	135-1	630.76	649.89	642.46	641.04	1.50	ppb
Barium	137-1	632.35	654.68	656.05	647.69	2.05	ppb
Beryllium	9-1	126.62	125.74	125.08	125.81	0.61	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	121.97	120.44	127.12	123.18	2.84	ppb
Boron	11-1	121.34	122.96	122.44	122.25	0.68	ppb
Cadmium	111-1	129.97	133.18	130.57	131.24	1.30	ppb
Cadmium	106-1	131.89	133.03	134.18	133.03	0.86	ppb
Cadmium	108-1	132.33	130.90	136.20	133.14	2.06	ppb
Calcium	43-1	12637.61	12409.46	12363.63	12470.23	1.18	ppb
Calcium	44-1	12509.95	12396.05	12404.03	12436.68	0.51	ppb
Chromium	52-2	136.03	130.17	127.48	131.23	3.33	ppb
Cobalt	59-2	134.48	128.38	125.62	129.49	3.50	ppb
Copper	63-2	272.86	259.93	255.04	262.61	3.51	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				107		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	6908.51	6521.24	6374.86	6601.54	4.18	ppb
Iron	57-2	6811.68	6441.71	6275.07	6509.48	4.22	ppb
Lead	206-1	123.32	124.89	121.33	123.18	1.45	ppb
Lead	207-1	122.64	123.01	121.82	122.49	0.50	ppb
Lead	208-1	123.26	123.38	121.60	122.75	0.81	ppb
Lithium	6-1				105		%
Magnesium	24-2	13315.11	12699.72	12338.62	12784.48	3.86	ppb
Manganese	55-2	276.66	259.86	258.77	265.09	3.78	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:36:32	DataFile Name :	007CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	122.05	123.58	123.93	123.19	0.81	ppb
Molybdenum	95-1	120.34	121.00	119.89	120.41	0.47	ppb
Molybdenum	96-1	121.55	121.48	120.22	121.08	0.62	ppb
Molybdenum	97-1	123.21	122.88	121.19	122.43	0.88	ppb
Molybdenum	98-1	121.70	122.50	121.44	121.88	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.78	129.65	130.12	133.18	4.29	ppb
Phosphorus	31-2	3004.56	2718.66	2475.37	2732.87	9.69	ppb
Potassium	39-2	6779.70	6233.43	6155.48	6389.54	5.32	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	108.33	153.08	152.90	138.10	18.67	ppb
Selenium	78-2	122.43	119.37	117.77	119.86	1.97	ppb
Selenium	82-1	126.44	127.77	125.88	126.70	0.77	ppb
Silicon	28-1	128.27	128.17	132.25	129.56	1.80	ppb
Silver	109-1	121.32	122.29	123.07	122.23	0.72	ppb
Silver	107-1	122.16	124.54	124.25	123.65	1.05	ppb
Sodium	23-2	13348.71	12677.00	12400.32	12808.68	3.81	ppb
Strontium	86-1	125.90	124.36	123.45	124.57	0.99	ppb
Strontium	88-1	125.27	126.11	125.33	125.57	0.37	ppb
Sulfur	34-1	2485.75	2317.13	2335.07	2379.32	3.89	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	123.47	125.19	122.89	123.85	0.97	ppb
Thallium	205-1	127.38	127.87	123.61	126.29	1.84	ppb
Tin	118-1	127.95	131.63	131.64	130.41	1.63	ppb
Titanium	47-1	123.97	124.33	124.03	124.11	0.15	ppb
Uranium	238-1	122.83	123.97	121.20	122.67	1.13	ppb
Vanadium	51-2	134.64	127.49	125.19	129.11	3.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	263.39	255.66	250.95	256.67	2.45	ppb
Zirconium	90-1	124.86	124.52	124.43	124.60	0.18	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:36:32	DataFile Name :	007CALS_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.47	122.58	121.90	122.32	0.30	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:39:56	DataFile Name :	008CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4818.04	4956.88	5008.05	4927.66	2.00	ppb
Antimony	121-1	259.46	255.84	258.62	257.97	0.74	ppb
Arsenic	75-2	247.00	249.18	246.66	247.61	0.55	ppb
Barium	135-1	1268.64	1245.80	1286.56	1267.00	1.61	ppb
Barium	137-1	1265.45	1249.92	1275.26	1263.54	1.01	ppb
Beryllium	9-1	251.97	248.75	243.95	248.22	1.62	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	248.17	243.20	246.46	245.94	1.03	ppb
Boron	11-1	249.03	248.09	243.32	246.81	1.24	ppb
Cadmium	111-1	261.33	254.30	259.25	258.29	1.40	ppb
Cadmium	106-1	264.01	254.80	255.20	258.00	2.02	ppb
Cadmium	108-1	257.34	254.04	261.15	257.51	1.38	ppb
Calcium	43-1	24767.02	24634.48	24638.87	24680.12	0.31	ppb
Calcium	44-1	24840.12	24471.88	24775.18	24695.73	0.80	ppb
Chromium	52-2	251.82	253.68	260.15	255.21	1.71	ppb
Cobalt	59-2	248.78	248.16	255.99	250.98	1.73	ppb
Copper	63-2	508.15	509.16	522.58	513.30	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				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	12563.00	12599.68	13116.43	12759.70	2.43	ppb
Iron	57-2	12583.01	12509.20	13013.74	12701.98	2.15	ppb
Lead	206-1	246.30	248.08	248.15	247.51	0.42	ppb
Lead	207-1	243.49	245.58	247.90	245.65	0.90	ppb
Lead	208-1	248.45	248.79	253.27	250.17	1.08	ppb
Lithium	6-1				106		%
Magnesium	24-2	24646.67	25043.75	25519.01	25069.81	1.74	ppb
Manganese	55-2	507.05	508.45	520.22	511.91	1.41	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:39:56	DataFile Name :	008CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	245.51	250.55	251.17	249.07	1.25	ppb
Molybdenum	95-1	236.42	242.26	245.43	241.37	1.89	ppb
Molybdenum	96-1	239.01	244.11	246.98	243.37	1.66	ppb
Molybdenum	97-1	241.42	247.07	247.85	245.45	1.43	ppb
Molybdenum	98-1	248.32	249.33	251.40	249.68	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.37	255.61	261.38	257.45	1.32	ppb
Phosphorus	31-2	4626.74	5117.48	5079.30	4941.17	5.52	ppb
Potassium	39-2	12435.29	12513.33	12937.85	12628.82	2.14	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	310.58	238.84	249.78	266.40	14.51	ppb
Selenium	78-2	256.29	248.16	257.79	254.08	2.04	ppb
Selenium	82-1	245.34	254.37	252.42	250.71	1.89	ppb
Silicon	28-1	259.45	259.18	253.57	257.40	1.29	ppb
Silver	109-1	250.15	243.26	246.97	246.79	1.40	ppb
Silver	107-1	248.55	240.54	248.24	245.78	1.85	ppb
Sodium	23-2	24921.92	25300.45	26088.21	25436.86	2.34	ppb
Strontium	86-1	245.12	249.37	249.66	248.05	1.02	ppb
Strontium	88-1	246.65	248.78	251.52	248.98	0.98	ppb
Sulfur	34-1	4691.56	4763.60	4473.72	4642.96	3.25	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	253.41	255.47	253.97	254.28	0.42	ppb
Thallium	205-1	252.07	255.24	250.94	252.75	0.88	ppb
Tin	118-1	256.52	254.22	259.62	256.79	1.05	ppb
Titanium	47-1	248.77	247.51	247.70	247.99	0.27	ppb
Uranium	238-1	245.40	246.71	244.90	245.67	0.38	ppb
Vanadium	51-2	247.32	250.42	256.53	251.43	1.86	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	491.81	497.28	503.13	497.41	1.14	ppb
Zirconium	90-1	242.33	247.07	251.72	247.04	1.90	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:39:56	DataFile Name :	008CALS_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	241.61	243.48	246.70	243.93	1.06	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:43:14	DataFile Name :	009CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10146.33	9569.36	9623.60	9779.76	3.26	ppb
Antimony	121-1	505.76	504.34	500.18	503.42	0.58	ppb
Arsenic	75-2	499.95	500.50	494.31	498.25	0.69	ppb
Barium	135-1	2528.33	2501.20	2506.43	2511.99	0.57	ppb
Barium	137-1	2512.39	2474.02	2475.69	2487.37	0.87	ppb
Beryllium	9-1	494.12	494.92	500.67	496.57	0.72	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	487.15	482.26	505.58	491.66	2.50	ppb
Boron	11-1	485.95	498.22	507.71	497.29	2.19	ppb
Cadmium	111-1	507.63	502.68	497.34	502.55	1.02	ppb
Cadmium	106-1	506.29	506.91	493.94	502.38	1.46	ppb
Cadmium	108-1	509.20	500.73	500.27	503.40	1.00	ppb
Calcium	43-1	48903.63	48963.35	49174.67	49013.88	0.29	ppb
Calcium	44-1	48877.41	49088.55	48616.01	48860.66	0.48	ppb
Chromium	52-2	516.20	492.79	503.75	504.24	2.32	ppb
Cobalt	59-2	507.33	488.09	495.03	496.82	1.96	ppb
Copper	63-2	1051.29	994.49	1012.15	1019.31	2.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	56-2	25800.29	24896.35	25134.75	25277.13	1.85	ppb
Iron	57-2	25665.72	24595.88	25154.87	25138.82	2.13	ppb
Lead	206-1	502.69	502.14	501.74	502.19	0.10	ppb
Lead	207-1	503.20	497.59	510.34	503.71	1.27	ppb
Lead	208-1	499.87	498.08	502.42	500.13	0.44	ppb
Lithium	6-1				107		%
Magnesium	24-2	52060.01	49609.67	50715.75	50795.14	2.42	ppb
Manganese	55-2	1023.76	993.39	1004.87	1007.34	1.52	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:43:14	DataFile Name :	009CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	483.50	498.51	496.30	492.77	1.64	ppb
Molybdenum	95-1	491.85	498.16	502.42	497.48	1.07	ppb
Molybdenum	96-1	485.20	493.85	496.59	491.88	1.21	ppb
Molybdenum	97-1	481.18	492.36	494.81	489.45	1.48	ppb
Molybdenum	98-1	493.46	488.38	493.90	491.91	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.78	504.00	510.17	511.98	1.76	ppb
Phosphorus	31-2	11018.94	10663.31	9676.01	10452.76	6.66	ppb
Potassium	39-2	25302.75	24524.84	24868.24	24898.61	1.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	461.71	553.57	437.01	484.09	12.69	ppb
Selenium	78-2	532.85	507.05	479.15	506.35	5.30	ppb
Selenium	82-1	487.98	495.85	499.29	494.37	1.17	ppb
Silicon	28-1	507.97	509.50	516.07	511.18	0.84	ppb
Silver	109-1	479.23	476.78	468.93	474.98	1.13	ppb
Silver	107-1	478.67	472.01	465.62	472.10	1.38	ppb
Sodium	23-2	51670.58	49667.10	51164.01	50833.90	2.05	ppb
Strontium	86-1	481.99	495.01	497.06	491.35	1.66	ppb
Strontium	88-1	486.41	491.09	495.35	490.95	0.91	ppb
Sulfur	34-1	9315.14	9561.55	9478.35	9451.68	1.33	ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	500.36	493.05	499.00	497.47	0.78	ppb
Thallium	205-1	493.95	494.31	497.38	495.21	0.38	ppb
Tin	118-1	511.65	508.09	501.43	507.06	1.02	ppb
Titanium	47-1	495.86	489.92	493.83	493.20	0.61	ppb
Uranium	238-1	490.33	488.97	491.76	490.35	0.29	ppb
Vanadium	51-2	510.99	492.44	506.48	503.30	1.92	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	1005.11	954.36	979.07	979.52	2.59	ppb
Zirconium	90-1	489.30	490.55	489.10	489.65	0.16	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:43:14	DataFile Name :	009CALS_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	483.55	495.58	495.54	491.56	1.41	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:46:26	DataFile Name :	010CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19304.76	19445.08	19383.77	19377.87	0.36	ppb
Antimony	121-1	1011.26	995.02	980.56	995.61	1.54	ppb
Arsenic	75-2	994.41	1005.63	1003.70	1001.24	0.60	ppb
Barium	135-1	5077.05	4978.06	4906.88	4987.33	1.71	ppb
Barium	137-1	5102.53	4981.66	4914.98	4999.73	1.90	ppb
Beryllium	9-1	1027.82	1001.08	977.23	1002.04	2.53	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	995.47	1024.80	996.71	1005.66	1.65	ppb
Boron	11-1	1010.23	1007.24	990.56	1002.67	1.06	ppb
Cadmium	111-1	1003.47	1000.03	983.59	995.70	1.07	ppb
Cadmium	106-1	1005.30	991.44	989.96	995.57	0.85	ppb
Cadmium	108-1	1021.13	983.39	981.12	995.21	2.26	ppb
Calcium	43-1	103150.40	98897.27	98937.03	100328.24	2.44	ppb
Calcium	44-1	100993.54	98706.49	99477.07	99725.70	1.17	ppb
Chromium	52-2	997.57	992.00	997.55	995.70	0.32	ppb
Cobalt	59-2	1011.22	1000.39	990.56	1000.72	1.03	ppb
Copper	63-2	2006.77	1972.81	1976.10	1985.23	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	50919.37	49641.42	50040.39	50200.39	1.30	ppb
Iron	57-2	49912.68	49788.89	49813.16	49838.24	0.13	ppb
Lead	206-1	1025.30	988.05	986.06	999.80	2.21	ppb
Lead	207-1	1035.36	983.90	979.60	999.62	3.10	ppb
Lead	208-1	1029.35	982.55	988.81	1000.24	2.54	ppb
Lithium	6-1				106		%
Magnesium	24-2	99301.20	99524.12	99494.95	99440.09	0.12	ppb
Manganese	55-2	2000.67	1988.93	1984.02	1991.21	0.43	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:46:26	DataFile Name :	010CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1017.95	1002.26	992.16	1004.12	1.29	ppb
Molybdenum	95-1	1028.43	1004.19	979.57	1004.06	2.43	ppb
Molybdenum	96-1	1025.31	1012.59	980.99	1006.29	2.27	ppb
Molybdenum	97-1	1020.06	1003.46	996.90	1006.81	1.19	ppb
Molybdenum	98-1	1022.97	1003.84	986.93	1004.58	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.23	984.28	991.31	990.94	0.65	ppb
Phosphorus	31-2	19967.03	19519.24	19786.93	19757.74	1.14	ppb
Potassium	39-2	49156.70	48747.30	48847.58	48917.19	0.44	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	902.41	1102.49	1001.43	1002.11	9.98	ppb
Selenium	78-2	1002.92	1009.71	975.50	996.04	1.82	ppb
Selenium	82-1	1030.87	993.45	982.83	1002.39	2.52	ppb
Silicon	28-1	1016.01	982.60	975.48	991.37	2.18	ppb
Silver	109-1	1034.46	1008.15	998.41	1013.68	1.84	ppb
Silver	107-1	1043.19	1008.16	994.14	1015.16	2.49	ppb
Sodium	23-2	99801.04	97727.82	98404.46	98644.44	1.07	ppb
Strontium	86-1	1033.41	1004.40	976.78	1004.86	2.82	ppb
Strontium	88-1	1027.27	996.64	990.16	1004.69	1.97	ppb
Sulfur	34-1	20967.93	20061.80	20126.24	20385.32	2.48	ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	1036.46	983.53	981.17	1000.39	3.12	ppb
Thallium	205-1	1035.69	986.32	982.71	1001.57	2.96	ppb
Tin	118-1	1014.98	985.34	981.69	994.00	1.84	ppb
Titanium	47-1	1024.93	993.44	993.72	1004.03	1.80	ppb
Uranium	238-1	1037.86	988.48	992.60	1006.31	2.72	ppb
Vanadium	51-2	1004.01	988.29	1000.01	997.44	0.82	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	2027.56	1998.53	2004.15	2010.08	0.77	ppb
Zirconium	90-1	1027.77	1002.37	987.91	1006.02	2.01	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:46:26	DataFile Name :	010CALS_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1029.19	1001.76	987.44	1006.13	2.11	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:49:36	DataFile Name :	011CALS_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98022.44	103059.12	99371.14	100150.90	2.60	ppb
Antimony	121-1	2.55	2.49	2.47	2.50	1.51	ppb
Arsenic	75-2	0.45	0.21	0.39	0.35	36.03	ppb
Barium	135-1	1.57	1.76	1.70	1.68	5.77	ppb
Barium	137-1	1.56	1.53	1.50	1.53	2.05	ppb
Beryllium	9-1	0.38	0.33	0.30	0.34	12.31	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	35.68	32.06	28.61	32.12	11.01	ppb
Boron	11-1	33.95	32.45	30.86	32.42	4.76	ppb
Cadmium	111-1	0.17	0.12	0.16	0.15	17.36	ppb
Cadmium	106-1	0.12	-0.06	-0.23	-0.06		ppb
Cadmium	108-1	0.20	0.26	0.18	0.21	19.95	ppb
Calcium	43-1	502393.57	502257.87	495499.86	500050.43	0.79	ppb
Calcium	44-1	501859.81	503350.51	495346.23	500185.52	0.85	ppb
Chromium	52-2	3.73	3.60	3.35	3.56	5.38	ppb
Cobalt	59-2	1.14	1.16	1.10	1.13	2.63	ppb
Copper	63-2	2.86	2.94	2.74	2.84	3.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	247073.41	256641.69	246011.85	249908.98	2.34	ppb
Iron	57-2	246786.02	255379.87	247836.46	250000.78	1.88	ppb
Lead	206-1	1.94	2.03	1.92	1.96	2.85	ppb
Lead	207-1	1.81	1.80	1.75	1.78	1.60	ppb
Lead	208-1	1.86	1.91	1.86	1.88	1.69	ppb
Lithium	6-1				101		%
Magnesium	24-2	491718.83	514887.85	493458.96	500021.88	2.58	ppb
Manganese	55-2	4.95	5.16	5.38	5.16	4.22	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:49:36	DataFile Name :	011CAL5_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.42	0.43	0.44	0.43	1.58	ppb
Molybdenum	95-1	1.00	0.99	0.96	0.98	1.93	ppb
Molybdenum	96-1	1.48	1.39	1.32	1.40	5.71	ppb
Molybdenum	97-1	0.98	0.90	1.03	0.97	6.75	ppb
Molybdenum	98-1	1.01	0.97	0.98	0.98	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.64	2.67	2.35	2.55	6.88	ppb
Phosphorus	31-2	9.44	10.17	9.36	9.66	4.63	ppb
Potassium	39-2	246924.91	256487.45	247237.45	250216.60	2.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	0.23	1.87	-0.51	0.53	228.76	ppb
Selenium	82-1	0.88	0.51	1.57	0.99	54.51	ppb
Silicon	28-1	4.84	7.31	2.66	4.94	47.20	ppb
Silver	109-1	0.10	0.11	0.09	0.10	11.12	ppb
Silver	107-1	0.11	0.09	0.11	0.10	9.55	ppb
Sodium	23-2	491116.53	517213.25	492143.03	500157.60	2.95	ppb
Strontium	86-1	33.34	34.30	33.56	33.73	1.50	ppb
Strontium	88-1	34.12	34.41	33.80	34.11	0.89	ppb
Sulfur	34-1	-156.61	-232.10	-229.93	-206.21		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.27	0.31	0.24	0.27	12.27	ppb
Thallium	205-1	0.32	0.30	0.29	0.30	4.80	ppb
Tin	118-1	0.68	0.71	0.63	0.67	5.56	ppb
Titanium	47-1	0.53	0.70	0.54	0.59	16.15	ppb
Uranium	238-1	0.07	0.07	0.08	0.07	3.79	ppb
Vanadium	51-2	0.29	0.22	0.29	0.26	14.74	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	6.50	7.39	6.52	6.80	7.48	ppb
Zirconium	90-1	0.17	0.17	0.16	0.17	2.92	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:49:36	DataFile Name :	011CALS_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.18	0.17	0.16	11.40	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:06:05	DataFile Name :	015ICV_P8090117-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	479.93	499.79	491.70	490.48	2.04	ppb
Antimony	121-1	204.07	198.42	198.55	200.34	1.61	ppb
Arsenic	75-2	197.31	197.37	196.66	197.11	0.20	ppb
Barium	135-1	98.80	98.54	98.97	98.77	0.22	ppb
Barium	137-1	99.78	98.98	99.68	99.48	0.44	ppb
Beryllium	9-1	94.14	96.05	95.04	95.08	1.00	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	563.55	583.51	573.50	573.52	1.74	ppb
Boron	11-1	569.94	590.43	588.15	582.84	1.93	ppb
Cadmium	111-1	102.05	103.75	102.69	102.83	0.83	ppb
Cadmium	106-1	147.25	157.33	150.80	151.79	3.37	ppb
Cadmium	108-1	132.69	125.92	128.82	129.14	2.63	ppb
Calcium	43-1	2104.18	2106.06	2158.66	2122.97	1.46	ppb
Calcium	44-1	2064.09	2063.62	2074.83	2067.51	0.31	ppb
Chromium	52-2	97.02	97.11	97.12	97.08	0.06	ppb
Cobalt	59-2	97.56	97.89	98.00	97.82	0.23	ppb
Copper	63-2	99.59	100.42	100.97	100.33	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	977.72	991.11	984.90	984.58	0.68	ppb
Iron	57-2	949.60	987.06	975.38	970.68	1.97	ppb
Lead	206-1	193.76	193.87	194.26	193.96	0.14	ppb
Lead	207-1	185.13	186.29	186.91	186.11	0.49	ppb
Lead	208-1	195.45	191.20	194.24	193.63	1.13	ppb
Lithium	6-1				106		%
Magnesium	24-2	1149.12	1196.34	1160.24	1168.56	2.11	ppb
Manganese	55-2	99.46	101.91	98.86	100.08	1.62	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:06:05	DataFile Name :	015ICV_P8090117-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	490.08	486.77	493.91	490.25	0.73	ppb
Molybdenum	95-1	495.87	490.40	495.95	494.07	0.64	ppb
Molybdenum	96-1	490.56	492.98	492.29	491.94	0.25	ppb
Molybdenum	97-1	486.58	489.73	494.56	490.29	0.82	ppb
Molybdenum	98-1	491.14	496.09	499.28	495.51	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.23	101.20	99.90	100.44	0.67	ppb
Phosphorus	31-2	8.51	8.67	-9.49	2.56	407.66	ppb
Potassium	39-2	1958.38	1928.00	1937.82	1941.40	0.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	212.93	233.58	229.70	225.40	4.87	ppb
Selenium	78-2	205.96	201.31	191.79	199.69	3.62	ppb
Selenium	82-1	196.27	195.11	200.00	197.13	1.30	ppb
Silicon	28-1	480.28	482.91	484.73	482.64	0.46	ppb
Silver	109-1	92.88	91.21	92.05	92.05	0.91	ppb
Silver	107-1	94.11	93.98	93.57	93.89	0.30	ppb
Sodium	23-2	1964.00	1975.27	1988.95	1976.07	0.63	ppb
Strontium	86-1	490.59	495.14	493.39	493.04	0.47	ppb
Strontium	88-1	488.38	491.73	493.55	491.22	0.53	ppb
Sulfur	34-1	-1346.52	-1218.48	-1365.64	-1310.21		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	197.20	195.62	195.48	196.10	0.49	ppb
Thallium	205-1	203.50	203.59	201.85	202.98	0.48	ppb
Tin	118-1	516.25	520.01	515.71	517.32	0.45	ppb
Titanium	47-1	494.19	489.37	496.38	493.31	0.73	ppb
Uranium	238-1	522.63	530.89	518.52	524.01	1.20	ppb
Vanadium	51-2	94.92	96.77	96.46	96.05	1.03	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	198.32	191.21	193.24	194.26	1.89	ppb
Zirconium	90-1	482.48	482.48	488.32	484.43	0.70	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:06:05	DataFile Name :	015ICV_P8090117-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.54	484.66	491.74	487.65	0.75	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:09:09	DataFile Name :	016CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	-0.98	0.32	-0.13		ppb
Antimony	121-1	0.28	0.31	0.29	0.29	6.24	ppb
Arsenic	75-2	0.09	0.00	0.00	0.03	147.83	ppb
Barium	135-1	-0.02	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	0.02	0.00	0.01	158.05	ppb
Beryllium	9-1	0.08	0.07	0.06	0.07	9.68	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	13.70	13.81	13.76	13.75	0.40	ppb
Boron	11-1	12.95	13.90	12.41	13.09	5.75	ppb
Cadmium	111-1	-0.02	-0.05	0.06	0.00		ppb
Cadmium	106-1	-0.36	-1.02	0.62	-0.25		ppb
Cadmium	108-1	0.01	0.02	-0.01	0.01	316.86	ppb
Calcium	43-1	-33.20	-1.24	-21.54	-18.66		ppb
Calcium	44-1	3.50	11.11	4.71	6.44	63.45	ppb
Chromium	52-2	-0.04	0.04	0.08	0.03	208.86	ppb
Cobalt	59-2	-0.02	0.00	0.00	0.00		ppb
Copper	63-2	0.02	-0.01	0.04	0.02	130.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.21	0.08	0.05	0.11	75.63	ppb
Iron	57-2	-1.12	-2.16	-1.45	-1.57		ppb
Lead	206-1	0.04	0.04	0.03	0.04	13.03	ppb
Lead	207-1	0.04	0.05	0.05	0.05	7.61	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.14	ppb
Lithium	6-1				103		%
Magnesium	24-2	-1.08	-0.45	0.79	-0.24		ppb
Manganese	55-2	-0.02	-0.01	-0.14	-0.06		ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:09:09	DataFile Name :	016CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.03	0.04	15.46	ppb
Molybdenum	95-1	0.09	0.09	0.07	0.08	16.50	ppb
Molybdenum	96-1	0.06	0.07	0.07	0.07	7.23	ppb
Molybdenum	97-1	0.04	0.05	0.06	0.05	21.57	ppb
Molybdenum	98-1	0.07	0.08	0.06	0.07	13.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.06	0.01	609.59	ppb
Phosphorus	31-2	-9.49	9.01	8.78	2.76	384.26	ppb
Potassium	39-2	-5.86	-5.29	-1.68	-4.27		ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	1.67	1.70	0.23	1.20	70.28	ppb
Selenium	82-1	-0.82	-0.79	0.50	-0.37		ppb
Silicon	28-1	-7.81	7.02	-3.83	-1.54		ppb
Silver	109-1	0.01	0.01	0.03	0.02	37.24	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.04	ppb
Sodium	23-2	37.54	30.30	33.88	33.91	10.67	ppb
Strontium	86-1	0.07	0.07	0.07	0.07	1.97	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1472.25	-283.89	-1308.32	-1021.49		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.07	0.04	0.05	39.53	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	6.60	ppb
Tin	118-1	0.41	0.40	0.38	0.40	3.56	ppb
Titanium	47-1	0.08	0.03	0.09	0.06	46.68	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	22.21	ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	-0.08	0.09	0.02	0.01	749.12	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	38.17	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:09:09	DataFile Name :	016CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.04	0.02	102.41	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:12:18	DataFile Name :	017ICSA_P8090117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93371.29	88622.85	89193.97	90396.04	2.87	ppb
Antimony	121-1	1.31	1.35	1.26	1.31	3.53	ppb
Arsenic	75-2	0.40	0.35	0.41	0.39	7.49	ppb
Barium	135-1	1.44	1.45	1.50	1.46	2.20	ppb
Barium	137-1	1.44	1.47	1.51	1.47	2.39	ppb
Beryllium	9-1	0.25	0.29	0.34	0.29	14.58	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	16.28	13.79	14.86	14.98	8.34	ppb
Boron	11-1	14.27	13.94	13.91	14.04	1.42	ppb
Cadmium	111-1	0.24	0.16	0.25	0.22	20.74	ppb
Cadmium	106-1	-0.82	-1.39	-0.33	-0.85		ppb
Cadmium	108-1	5.96	6.97	6.17	6.37	8.38	ppb
Calcium	43-1	98528.02	98170.89	97302.74	98000.55	0.64	ppb
Calcium	44-1	97416.50	96017.55	96938.04	96790.69	0.73	ppb
Chromium	52-2	20.67	19.78	19.45	19.97	3.16	ppb
Cobalt	59-2	1.21	1.10	1.11	1.14	5.23	ppb
Copper	63-2	8.31	7.58	7.71	7.87	4.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	100984.48	96090.45	95706.36	97593.77	3.02	ppb
Iron	57-2	102004.48	97081.53	97230.28	98772.10	2.84	ppb
Lead	206-1	4.42	4.70	4.47	4.53	3.37	ppb
Lead	207-1	4.04	4.03	3.85	3.98	2.64	ppb
Lead	208-1	4.21	4.26	4.13	4.20	1.47	ppb
Lithium	6-1				104		%
Magnesium	24-2	100140.66	96433.49	95452.26	97342.14	2.54	ppb
Manganese	55-2	8.11	8.16	6.67	7.65	11.04	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:12:18	DataFile Name :	017ICSA_P8090117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	566.92	574.09	573.37	571.46	0.69	ppb
Molybdenum	95-1	1837.19	1852.18	1832.73	1840.70	0.55	ppb
Molybdenum	96-1	1534.26	1546.84	1551.43	1544.18	0.58	ppb
Molybdenum	97-1	1855.50	1869.25	1871.14	1865.30	0.46	ppb
Molybdenum	98-1	1845.05	1873.07	1872.09	1863.40	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.79	5.13	5.19	5.37	6.89	ppb
Phosphorus	31-2	101010.59	98296.71	94094.82	97800.71	3.56	ppb
Potassium	39-2	101864.38	96083.26	96654.13	98200.59	3.24	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	1.59	-3.30	1.61	-0.03		ppb
Selenium	78-2	-0.51	0.99	0.24	0.24	311.91	ppb
Selenium	82-1	0.50	0.96	-0.53	0.31	244.65	ppb
Silicon	28-1	30.25	25.57	25.67	27.16	9.85	ppb
Silver	109-1	0.19	0.18	0.22	0.20	9.07	ppb
Silver	107-1	0.21	0.22	0.20	0.21	4.69	ppb
Sodium	23-2	100376.68	95489.70	95827.02	97231.13	2.81	ppb
Strontium	86-1	32.42	32.45	32.04	32.30	0.71	ppb
Strontium	88-1	32.52	33.00	32.56	32.69	0.81	ppb
Sulfur	34-1	74005.13	73118.94	74338.46	73820.85	0.85	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.09	0.10	0.10	7.66	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	5.14	ppb
Tin	118-1	0.39	0.32	0.33	0.35	11.19	ppb
Titanium	47-1	1902.65	1902.40	1903.94	1903.00	0.04	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	12.91	ppb
Vanadium	51-2	0.12	0.13	0.16	0.14	16.46	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	10.66	11.32	11.39	11.12	3.64	ppb
Zirconium	90-1	0.19	0.17	0.15	0.17	12.70	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:12:18	DataFile Name :	017ICSA_P8090117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.18	0.17	0.17	6.36	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:15:22	DataFile Name :	018ICSB_P8090117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88651.39	89896.14	89983.39	89510.31	0.83	ppb
Antimony	121-1	20.81	20.43	20.28	20.51	1.35	ppb
Arsenic	75-2	19.34	19.02	19.65	19.34	1.61	ppb
Barium	135-1	21.04	21.37	20.65	21.02	1.71	ppb
Barium	137-1	21.26	21.60	21.24	21.37	0.95	ppb
Beryllium	9-1	20.00	20.61	20.39	20.33	1.53	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	66.85	68.57	63.27	66.23	4.08	ppb
Boron	11-1	63.11	65.58	65.00	64.56	2.00	ppb
Cadmium	111-1	19.17	19.94	19.59	19.57	1.97	ppb
Cadmium	106-1	20.86	23.43	22.32	22.21	5.80	ppb
Cadmium	108-1	28.46	27.34	27.57	27.79	2.13	ppb
Calcium	43-1	95776.97	97855.23	96563.81	96732.00	1.08	ppb
Calcium	44-1	95249.61	95369.91	96143.65	95587.72	0.51	ppb
Chromium	52-2	38.63	38.36	39.08	38.69	0.94	ppb
Cobalt	59-2	20.73	20.40	20.31	20.48	1.08	ppb
Copper	63-2	27.24	27.19	27.87	27.44	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	96488.60	96525.78	96727.29	96580.56	0.13	ppb
Iron	57-2	98274.62	98802.76	97814.74	98297.38	0.50	ppb
Lead	206-1	24.66	23.97	24.95	24.53	2.05	ppb
Lead	207-1	22.30	22.42	22.68	22.46	0.86	ppb
Lead	208-1	23.25	23.06	23.59	23.30	1.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	96014.24	96449.98	98095.66	96853.29	1.13	ppb
Manganese	55-2	26.82	26.96	28.10	27.29	2.59	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:15:22	DataFile Name :	018ICSB_P8090117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	610.73	621.15	613.40	615.09	0.88	ppb
Molybdenum	95-1	1893.02	1902.46	1887.57	1894.35	0.40	ppb
Molybdenum	96-1	1594.32	1588.73	1586.80	1589.95	0.25	ppb
Molybdenum	97-1	1888.36	1893.75	1908.15	1896.76	0.54	ppb
Molybdenum	98-1	1899.42	1928.65	1901.97	1910.01	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.64	25.39	25.50	25.51	0.49	ppb
Phosphorus	31-2	95493.57	96304.62	97807.89	96535.36	1.22	ppb
Potassium	39-2	96692.10	97392.13	96559.55	96881.26	0.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	21.13	11.41	6.51	13.02	57.19	ppb
Selenium	78-2	15.87	18.92	24.14	19.64	21.30	ppb
Selenium	82-1	18.87	20.40	19.04	19.43	4.33	ppb
Silicon	28-1	88.31	88.37	90.14	88.94	1.17	ppb
Silver	109-1	17.33	17.45	17.52	17.44	0.56	ppb
Silver	107-1	17.56	17.73	17.38	17.56	1.01	ppb
Sodium	23-2	95668.76	96526.24	96822.27	96339.09	0.62	ppb
Strontium	86-1	82.63	82.13	83.52	82.76	0.86	ppb
Strontium	88-1	85.27	85.12	85.07	85.15	0.12	ppb
Sulfur	34-1	72493.87	72605.81	72960.16	72686.61	0.33	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	19.80	19.57	19.84	19.74	0.74	ppb
Thallium	205-1	19.91	19.38	20.29	19.86	2.28	ppb
Tin	118-1	52.06	52.28	51.46	51.93	0.81	ppb
Titanium	47-1	1937.24	1944.80	1937.08	1939.71	0.23	ppb
Uranium	238-1	50.47	50.43	51.06	50.65	0.69	ppb
Vanadium	51-2	19.24	19.80	19.63	19.56	1.46	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	29.59	31.55	31.02	30.72	3.29	ppb
Zirconium	90-1	50.22	50.33	50.68	50.41	0.48	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:15:22	DataFile Name :	018ICSB_P8090117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.65	50.36	49.60	49.87	0.85	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:18:27	DataFile Name :	019CCV_P8090117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50794.08	49955.87	50373.07	50374.34	0.83	ppb
Antimony	121-1	529.27	529.78	524.45	527.83	0.56	ppb
Arsenic	75-2	510.32	507.08	511.25	509.55	0.43	ppb
Barium	135-1	2555.00	2586.65	2541.27	2560.97	0.91	ppb
Barium	137-1	2551.95	2544.51	2519.46	2538.64	0.67	ppb
Beryllium	9-1	516.75	510.87	522.63	516.75	1.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	516.09	517.88	528.81	520.93	1.32	ppb
Boron	11-1	520.03	519.67	531.58	523.76	1.29	ppb
Cadmium	111-1	495.27	497.45	496.74	496.49	0.22	ppb
Cadmium	106-1	501.91	490.74	501.20	497.95	1.26	ppb
Cadmium	108-1	497.48	495.85	491.17	494.83	0.66	ppb
Calcium	43-1	250446.56	253450.75	248950.29	250949.20	0.91	ppb
Calcium	44-1	250070.06	251329.18	246645.55	249348.26	0.97	ppb
Chromium	52-2	510.78	512.39	506.86	510.01	0.56	ppb
Cobalt	59-2	495.52	490.88	486.70	491.03	0.90	ppb
Copper	63-2	1000.23	991.62	984.50	992.12	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	122784.90	122817.23	121372.54	122324.89	0.67	ppb
Iron	57-2	124530.26	122769.07	121970.61	123089.98	1.06	ppb
Lead	206-1	517.38	519.43	519.48	518.76	0.23	ppb
Lead	207-1	527.89	519.64	526.75	524.76	0.85	ppb
Lead	208-1	521.60	521.74	522.81	522.05	0.13	ppb
Lithium	6-1				103		%
Magnesium	24-2	249568.83	250118.40	244988.74	248225.32	1.13	ppb
Manganese	55-2	1023.66	1034.63	1018.05	1025.45	0.82	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:18:27	DataFile Name :	019CCV_P8090117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	509.59	512.51	499.51	507.20	1.34	ppb
Molybdenum	95-1	514.41	509.02	498.70	507.38	1.57	ppb
Molybdenum	96-1	518.68	517.25	509.27	515.07	0.98	ppb
Molybdenum	97-1	503.46	504.16	497.31	501.64	0.75	ppb
Molybdenum	98-1	509.74	509.39	506.33	508.49	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.21	496.15	495.60	495.99	0.07	ppb
Phosphorus	31-2	10002.09	10816.98	10537.41	10452.16	3.96	ppb
Potassium	39-2	126190.29	126000.78	125474.48	125888.52	0.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	523.72	558.06	499.38	527.05	5.59	ppb
Selenium	78-2	527.09	513.46	474.08	504.88	5.45	ppb
Selenium	82-1	501.39	505.90	494.19	500.49	1.18	ppb
Silicon	28-1	502.27	508.45	496.82	502.52	1.16	ppb
Silver	109-1	467.66	469.72	457.64	465.01	1.39	ppb
Silver	107-1	468.89	468.92	467.83	468.54	0.13	ppb
Sodium	23-2	252209.73	251424.39	247912.66	250515.59	0.91	ppb
Strontium	86-1	517.02	523.28	512.98	517.76	1.00	ppb
Strontium	88-1	518.84	521.25	515.17	518.42	0.59	ppb
Sulfur	34-1	9500.55	9454.94	9142.96	9366.15	2.08	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	526.28	524.14	523.72	524.71	0.26	ppb
Thallium	205-1	520.02	521.96	520.35	520.78	0.20	ppb
Tin	118-1	509.57	516.02	509.23	511.61	0.75	ppb
Titanium	47-1	507.67	507.42	497.33	504.14	1.17	ppb
Uranium	238-1	521.30	521.61	515.76	519.55	0.63	ppb
Vanadium	51-2	512.96	515.68	507.55	512.06	0.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	958.93	955.99	941.75	952.23	0.96	ppb
Zirconium	90-1	509.66	507.22	504.64	507.17	0.49	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:18:27	DataFile Name :	019CCV_P8090117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.88	514.65	501.00	509.51	1.46	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:21:24	DataFile Name :	020CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.23	0.33	-0.39	1.39	178.66	ppb
Antimony	121-1	0.62	0.48	0.49	0.53	14.17	ppb
Arsenic	75-2	0.00	-0.01	0.07	0.02	213.90	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.01	-0.01	0.00	996.88	ppb
Beryllium	9-1	0.11	0.13	0.10	0.11	14.32	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	18.12	14.45	14.26	15.61	13.92	ppb
Boron	11-1	16.05	14.83	13.59	14.82	8.28	ppb
Cadmium	111-1	-0.02	0.07	-0.06	-0.01		ppb
Cadmium	106-1	-0.52	0.52	-1.23	-0.41		ppb
Cadmium	108-1	0.11	0.04	0.01	0.05	95.07	ppb
Calcium	43-1	-5.11	-29.95	-26.98	-20.68		ppb
Calcium	44-1	21.93	8.67	9.37	13.32	56.02	ppb
Chromium	52-2	-0.17	-0.10	0.42	0.05	621.41	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	4960.53	ppb
Copper	63-2	0.08	0.08	0.16	0.11	44.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				95		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	56-2	1.74	1.50	4.33	2.52	62.13	ppb
Iron	57-2	0.00	-1.43	4.22	0.93	316.87	ppb
Lead	206-1	0.07	0.07	0.07	0.07	4.99	ppb
Lead	207-1	0.07	0.07	0.04	0.06	30.05	ppb
Lead	208-1	0.07	0.06	0.06	0.06	14.07	ppb
Lithium	6-1				105		%
Magnesium	24-2	-1.31	2.13	1.66	0.83	226.18	ppb
Manganese	55-2	0.04	0.03	0.03	0.03	17.02	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:21:24	DataFile Name :	020CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.06	0.05	0.07	46.90	ppb
Molybdenum	95-1	0.13	0.14	0.12	0.13	8.51	ppb
Molybdenum	96-1	0.13	0.14	0.10	0.12	17.27	ppb
Molybdenum	97-1	0.13	0.13	0.10	0.12	12.81	ppb
Molybdenum	98-1	0.15	0.13	0.10	0.12	21.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.07	0.15	0.08	81.22	ppb
Phosphorus	31-2	8.66	63.97	17.22	29.95	99.41	ppb
Potassium	39-2	16.73	11.35	135.07	54.38	128.59	ppb
Rhodium	103-1				105		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	-0.51	-0.51	1.59	0.19	639.65	ppb
Selenium	82-1	0.08	-0.63	0.55	0.00		ppb
Silicon	28-1	-2.00	-9.49	-10.23	-7.24		ppb
Silver	109-1	0.05	0.05	0.04	0.05	3.85	ppb
Silver	107-1	0.06	0.04	0.05	0.05	21.07	ppb
Sodium	23-2	86.95	92.90	154.81	111.56	33.69	ppb
Strontium	86-1	0.07	-0.02	0.02	0.02	185.37	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	285.27	ppb
Sulfur	34-1	-552.48	-1356.12	-1315.60	-1074.73		ppb
Terbium	159-1				109		%
Terbium	159-2				96		%
Thallium	203-1	0.08	0.06	0.06	0.07	17.19	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	13.85	ppb
Tin	118-1	0.24	0.23	0.18	0.22	15.56	ppb
Titanium	47-1	0.11	0.16	0.07	0.11	39.95	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	11.13	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	0.08	0.24	0.63	0.32	88.22	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	28.33	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:21:24	DataFile Name :	020CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.04	0.03	19.29	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:24:33	DataFile Name :	021SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.46	33.05	27.21	24.24	43.77	ppb
Antimony	121-1	2.04	2.01	2.01	2.02	0.82	ppb
Arsenic	75-2	0.96	1.10	0.96	1.01	7.94	ppb
Barium	135-1	8.76	8.84	9.30	8.96	3.24	ppb
Barium	137-1	8.93	8.81	9.44	9.06	3.67	ppb
Beryllium	9-1	1.03	0.98	1.03	1.01	2.79	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	29.66	31.46	32.68	31.27	4.87	ppb
Boron	11-1	31.43	30.60	32.12	31.38	2.42	ppb
Cadmium	111-1	1.02	0.90	0.83	0.92	10.83	ppb
Cadmium	106-1	1.01	-0.15	-0.77	0.03	3130.86	ppb
Cadmium	108-1	1.02	1.28	1.36	1.22	14.42	ppb
Calcium	43-1	411.13	405.15	466.65	427.65	7.93	ppb
Calcium	44-1	453.02	443.47	445.87	447.45	1.11	ppb
Chromium	52-2	1.84	2.07	2.10	2.00	7.12	ppb
Cobalt	59-2	0.93	0.90	0.91	0.91	1.40	ppb
Copper	63-2	2.20	2.18	2.01	2.13	4.96	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				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	46.17	46.54	47.81	46.84	1.83	ppb
Iron	57-2	46.23	40.41	46.92	44.52	8.04	ppb
Lead	206-1	1.02	1.02	1.03	1.02	0.45	ppb
Lead	207-1	1.05	1.04	1.02	1.04	1.49	ppb
Lead	208-1	1.02	1.04	1.01	1.03	1.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	441.92	432.95	447.24	440.70	1.64	ppb
Manganese	55-2	1.00	1.13	0.85	0.99	14.41	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:24:33	DataFile Name :	021SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.98	1.91	1.89	1.93	2.48	ppb
Molybdenum	95-1	4.26	4.25	4.29	4.27	0.49	ppb
Molybdenum	96-1	3.71	3.72	3.82	3.75	1.54	ppb
Molybdenum	97-1	4.43	4.41	4.22	4.35	2.66	ppb
Molybdenum	98-1	4.29	4.30	4.25	4.28	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.04	1.03	1.00	6.03	ppb
Phosphorus	31-2	-9.49	9.35	27.72	9.19	202.42	ppb
Potassium	39-2	474.21	494.62	444.35	471.06	5.37	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	11.17	11.22	6.39	9.59	28.91	ppb
Selenium	78-2	7.57	4.65	5.39	5.87	25.85	ppb
Selenium	82-1	4.09	6.13	3.93	4.71	26.08	ppb
Silicon	28-1	6.48	2.79	5.16	4.81	38.92	ppb
Silver	109-1	1.18	1.15	1.16	1.16	1.44	ppb
Silver	107-1	1.18	1.20	1.17	1.19	1.37	ppb
Sodium	23-2	511.85	521.79	497.84	510.49	2.36	ppb
Strontium	86-1	0.91	0.83	0.91	0.89	5.65	ppb
Strontium	88-1	0.88	0.91	0.92	0.90	1.87	ppb
Sulfur	34-1	-963.90	-1226.80	-931.70	-1040.80		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.90	0.90	0.93	0.91	1.51	ppb
Thallium	205-1	0.92	0.92	1.01	0.95	5.36	ppb
Tin	118-1	4.65	4.46	4.67	4.59	2.48	ppb
Titanium	47-1	4.27	3.87	4.29	4.14	5.77	ppb
Uranium	238-1	0.83	0.84	0.89	0.85	3.43	ppb
Vanadium	51-2	4.27	4.61	4.58	4.48	4.15	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	2.52	2.15	2.11	2.26	10.11	ppb
Zirconium	90-1	0.87	0.87	0.87	0.87	0.47	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:24:33	DataFile Name :	021SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.94	0.79	0.85	8.67	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:27:43	DataFile Name :	022CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.98	3.13	-0.96	0.40	597.12	ppb
Antimony	121-1	0.09	0.10	0.09	0.09	3.95	ppb
Arsenic	75-2	-0.01	0.04	0.01	0.01	237.15	ppb
Barium	135-1	0.01	0.00	0.00	0.00	200.14	ppb
Barium	137-1	0.01	0.00	0.00	0.00	570.77	ppb
Beryllium	9-1	0.03	0.00	0.10	0.04	131.46	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	7.70	7.31	7.45	7.49	2.67	ppb
Boron	11-1	9.11	8.08	8.23	8.47	6.58	ppb
Cadmium	111-1	-0.03	-0.05	-0.04	-0.04		ppb
Cadmium	106-1	-0.44	-1.06	-0.78	-0.76		ppb
Cadmium	108-1	0.04	-0.02	0.04	0.02	147.65	ppb
Calcium	43-1	-17.87	-24.11	-10.99	-17.66		ppb
Calcium	44-1	5.30	8.76	5.62	6.56	29.16	ppb
Chromium	52-2	-0.01	0.02	-0.06	-0.02		ppb
Cobalt	59-2	0.01	-0.01	0.02	0.01	272.65	ppb
Copper	63-2	0.05	0.07	0.05	0.06	22.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	0.53	0.83	0.95	0.77	28.26	ppb
Iron	57-2	1.20	1.31	1.31	1.27	4.86	ppb
Lead	206-1	0.04	0.03	0.04	0.03	19.01	ppb
Lead	207-1	0.05	0.03	0.05	0.04	21.73	ppb
Lead	208-1	0.05	0.04	0.05	0.04	8.00	ppb
Lithium	6-1				105		%
Magnesium	24-2	-0.18	-0.35	2.33	0.60	251.60	ppb
Manganese	55-2	-0.04	-0.01	0.00	-0.02		ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:27:43	DataFile Name :	022CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.02	0.02	63.78	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	10.41	ppb
Molybdenum	96-1	0.03	0.01	0.05	0.03	53.61	ppb
Molybdenum	97-1	0.06	0.02	0.01	0.03	70.61	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	15.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	-9.49	-9.49	-9.49	-9.49		ppb
Potassium	39-2	9.00	-8.03	14.85	5.27	225.39	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	-0.51	-0.51	1.76	0.25	531.38	ppb
Selenium	82-1	-0.31	0.03	0.48	0.07	584.89	ppb
Silicon	28-1	-8.29	-8.20	-7.12	-7.87		ppb
Silver	109-1	0.03	0.03	0.02	0.03	20.53	ppb
Silver	107-1	0.02	0.03	0.02	0.02	26.62	ppb
Sodium	23-2	51.04	56.02	47.06	51.37	8.74	ppb
Strontium	86-1	0.00	-0.04	0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-892.81	-948.11	-768.00	-869.64		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	13.04	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	31.10	ppb
Tin	118-1	0.06	0.14	0.10	0.10	37.01	ppb
Titanium	47-1	0.03	0.10	0.03	0.05	77.47	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	98.91	ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.23	-0.11	0.19	0.10	176.95	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.05	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:27:43	DataFile Name :	022CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	-0.01	0.01	309.69	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:30:51	DataFile Name :	023LCSE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.04	37.85	36.96	40.95	15.04	ppb
Antimony	121-1	3.99	3.96	3.84	3.93	1.91	ppb
Arsenic	75-2	1.91	2.10	2.06	2.03	4.86	ppb
Barium	135-1	19.12	18.62	18.73	18.82	1.40	ppb
Barium	137-1	18.83	18.73	18.33	18.63	1.43	ppb
Beryllium	9-1	1.91	1.94	1.97	1.94	1.49	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	48.28	46.90	47.98	47.72	1.53	ppb
Boron	11-1	47.35	47.53	50.34	48.41	3.46	ppb
Cadmium	111-1	1.89	1.86	1.92	1.89	1.49	ppb
Cadmium	106-1	1.03	0.65	0.36	0.68	49.70	ppb
Cadmium	108-1	2.23	2.23	2.25	2.23	0.46	ppb
Calcium	43-1	858.04	883.75	880.41	874.07	1.60	ppb
Calcium	44-1	923.29	940.29	927.27	930.28	0.96	ppb
Chromium	52-2	4.20	3.80	4.00	4.00	5.03	ppb
Cobalt	59-2	1.93	1.95	1.95	1.94	0.57	ppb
Copper	63-2	3.93	4.03	4.05	4.00	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	379.82	371.65	379.92	377.13	1.26	ppb
Iron	57-2	368.65	370.01	373.65	370.77	0.70	ppb
Lead	206-1	2.21	2.14	2.20	2.18	1.84	ppb
Lead	207-1	2.21	2.13	2.17	2.17	1.84	ppb
Lead	208-1	2.19	2.14	2.17	2.17	1.22	ppb
Lithium	6-1				105		%
Magnesium	24-2	910.15	920.01	938.91	923.02	1.58	ppb
Manganese	55-2	2.27	1.77	1.86	1.97	13.62	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:30:51	DataFile Name :	023LCSE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.03	4.07	4.03	4.04	0.57	ppb
Molybdenum	95-1	8.95	9.17	8.80	8.97	2.05	ppb
Molybdenum	96-1	7.68	7.75	7.81	7.75	0.83	ppb
Molybdenum	97-1	9.14	9.20	8.87	9.07	1.97	ppb
Molybdenum	98-1	9.21	9.07	8.99	9.09	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.33	2.02	2.24	2.20	7.31	ppb
Phosphorus	31-2	9.36	-9.49	9.27	3.05	356.54	ppb
Potassium	39-2	967.77	930.46	929.17	942.47	2.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	26.16	21.23	6.62	18.00	56.45	ppb
Selenium	78-2	15.20	8.46	7.80	10.49	39.06	ppb
Selenium	82-1	10.37	10.14	8.94	9.82	7.82	ppb
Silicon	28-1	16.26	16.05	18.17	16.83	6.96	ppb
Silver	109-1	2.00	1.94	1.90	1.95	2.55	ppb
Silver	107-1	1.93	1.93	1.88	1.91	1.41	ppb
Sodium	23-2	969.73	982.80	967.90	973.47	0.83	ppb
Strontium	86-1	1.81	1.84	1.97	1.88	4.47	ppb
Strontium	88-1	1.95	1.91	1.94	1.93	1.02	ppb
Sulfur	34-1	-902.69	-1005.19	-777.14	-895.00		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	1.88	1.89	1.86	1.88	0.87	ppb
Thallium	205-1	1.90	1.90	1.96	1.92	1.67	ppb
Tin	118-1	9.60	9.51	9.53	9.55	0.48	ppb
Titanium	47-1	8.86	9.23	9.01	9.03	2.05	ppb
Uranium	238-1	1.79	1.86	1.82	1.83	1.76	ppb
Vanadium	51-2	9.38	9.71	9.24	9.44	2.57	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	3.39	3.80	4.06	3.75	9.00	ppb
Zirconium	90-1	1.83	1.86	1.81	1.83	1.24	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:30:51	DataFile Name :	023LCSE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.76	1.82	1.93	1.84	4.75	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:34:00	DataFile Name :	024CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.35	-1.02	-0.10		ppb
Antimony	121-1	0.04	0.04	0.04	0.04	3.92	ppb
Arsenic	75-2	0.02	0.04	0.02	0.03	36.26	ppb
Barium	135-1	0.00	0.00	-0.01	0.00	7129.53	ppb
Barium	137-1	-0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.06	-0.02	-0.04	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	8.53	7.51	6.70	7.58	12.12	ppb
Boron	11-1	6.52	6.99	7.19	6.90	5.02	ppb
Cadmium	111-1	-0.06	-0.03	-0.06	-0.05		ppb
Cadmium	106-1	-1.00	-0.53	-0.98	-0.83		ppb
Cadmium	108-1	-0.07	-0.07	0.02	-0.04		ppb
Calcium	43-1	-2.54	-22.38	-20.89	-15.27		ppb
Calcium	44-1	4.80	3.42	2.50	3.58	32.34	ppb
Chromium	52-2	-0.12	0.05	-0.02	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.07	0.08	0.08	7.89	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				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.07	0.65	-0.21	0.17	260.85	ppb
Iron	57-2	-1.01	0.08	-1.49	-0.81		ppb
Lead	206-1	0.04	0.04	0.05	0.04	21.74	ppb
Lead	207-1	0.03	0.04	0.04	0.04	4.13	ppb
Lead	208-1	0.03	0.04	0.05	0.04	17.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	3.84	1.66	1.73	2.41	51.44	ppb
Manganese	55-2	-0.03	-0.07	-0.10	-0.07		ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:34:00	DataFile Name :	024CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.01	0.01	52.17	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	20.34	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	19.05	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	28.15	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	15.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.09	-0.01	0.04	118.46	ppb
Phosphorus	31-2	-9.49	-9.49	-9.49	-9.49		ppb
Potassium	39-2	10.31	2.00	-2.51	3.26	199.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	-3.30	-3.30	1.45	-1.72		ppb
Selenium	78-2	0.98	0.23	0.22	0.47	92.16	ppb
Selenium	82-1	0.81	-0.04	0.24	0.33	129.93	ppb
Silicon	28-1	-7.75	-11.40	-9.42	-9.53		ppb
Silver	109-1	0.04	0.03	0.02	0.03	23.73	ppb
Silver	107-1	0.02	0.02	0.02	0.02	22.57	ppb
Sodium	23-2	44.28	39.76	35.63	39.89	10.84	ppb
Strontium	86-1	0.00	-0.01	0.02	0.00	602.18	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-869.47	-893.58	-786.06	-849.70		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.01	0.01	35.80	ppb
Thallium	205-1	0.01	0.03	0.02	0.02	35.21	ppb
Tin	118-1	0.03	0.06	0.03	0.04	38.59	ppb
Titanium	47-1	0.00	0.03	0.00	0.01	177.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	292.91	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	1148.48	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	-0.06	0.07	0.01	0.01	1301.96	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:34:00	DataFile Name :	024CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.01	0.01	79.19	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:37:09	DataFile Name :	025LCSE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.85	30.92	43.46	35.41	19.73	ppb
Antimony	121-1	3.84	3.93	3.79	3.85	1.72	ppb
Arsenic	75-2	2.02	1.89	1.87	1.93	4.35	ppb
Barium	135-1	18.80	18.44	19.40	18.88	2.56	ppb
Barium	137-1	18.64	18.84	18.60	18.69	0.70	ppb
Beryllium	9-1	1.95	1.88	1.81	1.88	3.67	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	47.20	46.70	47.77	47.22	1.14	ppb
Boron	11-1	47.99	47.56	50.89	48.81	3.71	ppb
Cadmium	111-1	1.88	2.00	1.93	1.94	3.23	ppb
Cadmium	106-1	1.26	1.53	1.02	1.27	19.78	ppb
Cadmium	108-1	1.95	1.70	1.88	1.84	7.04	ppb
Calcium	43-1	902.60	891.33	846.31	880.08	3.38	ppb
Calcium	44-1	905.50	922.70	907.45	911.88	1.03	ppb
Chromium	52-2	3.69	3.88	3.92	3.83	3.28	ppb
Cobalt	59-2	2.04	1.99	2.06	2.03	1.59	ppb
Copper	63-2	3.79	4.00	4.26	4.02	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				109		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	379.77	383.66	387.28	383.57	0.98	ppb
Iron	57-2	367.10	400.88	365.71	377.90	5.27	ppb
Lead	206-1	2.18	2.21	2.14	2.17	1.62	ppb
Lead	207-1	2.12	2.14	2.09	2.12	1.09	ppb
Lead	208-1	2.13	2.14	2.14	2.14	0.19	ppb
Lithium	6-1				107		%
Magnesium	24-2	910.63	924.80	948.10	927.84	2.04	ppb
Manganese	55-2	1.99	2.12	2.27	2.13	6.62	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:37:09	DataFile Name :	025LCSE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.05	3.97	3.84	3.95	2.77	ppb
Molybdenum	95-1	8.92	8.86	8.73	8.84	1.09	ppb
Molybdenum	96-1	7.90	7.66	7.77	7.78	1.54	ppb
Molybdenum	97-1	9.16	8.93	8.77	8.95	2.19	ppb
Molybdenum	98-1	9.00	8.91	9.17	9.03	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.38	2.06	2.11	2.18	7.80	ppb
Phosphorus	31-2	8.71	8.93	-9.49	2.71	389.61	ppb
Potassium	39-2	899.95	958.89	977.37	945.40	4.28	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	1.46	15.91	1.45	6.27	133.09	ppb
Selenium	78-2	11.10	14.13	11.81	12.35	12.85	ppb
Selenium	82-1	10.30	8.93	9.69	9.64	7.15	ppb
Silicon	28-1	12.95	15.03	11.82	13.27	12.29	ppb
Silver	109-1	1.85	2.02	1.99	1.95	4.58	ppb
Silver	107-1	1.90	1.98	1.88	1.92	2.78	ppb
Sodium	23-2	984.72	978.24	989.41	984.12	0.57	ppb
Strontium	86-1	1.91	1.78	1.93	1.87	4.25	ppb
Strontium	88-1	1.93	1.91	1.94	1.93	0.79	ppb
Sulfur	34-1	-756.33	-755.88	-1033.88	-848.70		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	1.84	2.00	1.94	1.93	4.34	ppb
Thallium	205-1	1.83	1.89	1.85	1.86	1.63	ppb
Tin	118-1	9.60	9.58	9.39	9.52	1.22	ppb
Titanium	47-1	8.86	9.27	9.33	9.16	2.78	ppb
Uranium	238-1	1.77	1.77	1.78	1.77	0.05	ppb
Vanadium	51-2	9.71	9.24	9.41	9.45	2.51	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	3.39	4.22	3.71	3.78	11.11	ppb
Zirconium	90-1	1.77	1.80	1.82	1.80	1.40	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:37:09	DataFile Name :	025LCSE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.81	1.82	1.90	1.84	2.53	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:35:33	DataFile Name :	026CCV_P8090117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49344.22	51548.18	49905.67	50266.02	2.28	ppb
Antimony	121-1	507.34	507.96	495.68	503.66	1.37	ppb
Arsenic	75-2	498.34	501.11	497.80	499.08	0.36	ppb
Barium	135-1	2530.16	2569.90	2521.50	2540.52	1.02	ppb
Barium	137-1	2538.98	2535.76	2486.15	2520.30	1.17	ppb
Beryllium	9-1	518.74	506.87	506.77	510.79	1.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	495.38	498.38	505.52	499.76	1.04	ppb
Boron	11-1	508.56	497.90	503.84	503.44	1.06	ppb
Cadmium	111-1	489.62	489.55	480.10	486.42	1.13	ppb
Cadmium	106-1	497.99	496.65	485.56	493.40	1.38	ppb
Cadmium	108-1	495.09	501.22	484.91	493.74	1.67	ppb
Calcium	43-1	246083.06	239748.94	245611.82	243814.61	1.45	ppb
Calcium	44-1	248487.67	242057.31	242202.62	244249.20	1.50	ppb
Chromium	52-2	487.75	511.00	501.16	499.97	2.33	ppb
Cobalt	59-2	469.84	495.05	485.12	483.34	2.63	ppb
Copper	63-2	964.21	1008.05	962.25	978.17	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	118482.88	122888.90	120854.07	120741.95	1.83	ppb
Iron	57-2	120679.72	123915.04	121888.48	122161.08	1.34	ppb
Lead	206-1	514.95	509.48	502.69	509.04	1.21	ppb
Lead	207-1	510.98	508.85	508.88	509.57	0.24	ppb
Lead	208-1	513.28	508.47	506.74	509.50	0.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	240046.64	250966.56	244680.96	245231.39	2.23	ppb
Manganese	55-2	974.60	1020.45	996.52	997.19	2.30	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:35:33	DataFile Name :	026CCV_P8090117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	498.50	501.14	493.14	497.59	0.82	ppb
Molybdenum	95-1	498.64	496.72	495.42	496.93	0.33	ppb
Molybdenum	96-1	495.52	501.43	505.16	500.70	0.97	ppb
Molybdenum	97-1	490.99	494.61	491.73	492.44	0.39	ppb
Molybdenum	98-1	501.17	506.54	495.70	501.13	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.43	506.44	492.50	492.45	2.84	ppb
Phosphorus	31-2	10905.80	10064.28	9515.71	10161.93	6.89	ppb
Potassium	39-2	122257.71	124172.77	124443.63	123624.70	0.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	511.26	531.44	520.75	521.15	1.94	ppb
Selenium	78-2	472.25	520.48	489.56	494.10	4.95	ppb
Selenium	82-1	495.50	491.73	483.34	490.19	1.27	ppb
Silicon	28-1	682.30	684.79	717.16	694.75	2.80	ppb
Silver	109-1	462.91	466.90	450.62	460.14	1.84	ppb
Silver	107-1	468.59	465.56	455.89	463.35	1.43	ppb
Sodium	23-2	243310.41	251824.66	245816.64	246983.90	1.77	ppb
Strontium	86-1	506.01	503.58	497.73	502.44	0.85	ppb
Strontium	88-1	512.48	509.73	497.63	506.62	1.56	ppb
Sulfur	34-1	11005.65	10341.83	10568.67	10638.72	3.17	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	512.04	504.26	515.43	510.58	1.12	ppb
Thallium	205-1	510.02	502.52	506.44	506.33	0.74	ppb
Tin	118-1	504.83	512.23	503.90	506.98	0.90	ppb
Titanium	47-1	502.08	489.18	492.65	494.64	1.35	ppb
Uranium	238-1	510.84	508.91	504.46	508.07	0.64	ppb
Vanadium	51-2	490.85	514.44	503.03	502.77	2.35	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	901.82	948.12	931.98	927.31	2.53	ppb
Zirconium	90-1	495.93	499.19	493.24	496.12	0.60	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:35:33	DataFile Name :	026CCV_P8090117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.78	501.19	489.12	496.70	1.33	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:38:32	DataFile Name :	027CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.44	7.06	2.61	147.45	ppb
Antimony	121-1	0.47	0.45	0.40	0.44	8.43	ppb
Arsenic	75-2	-0.01	0.01	0.08	0.02	201.17	ppb
Barium	135-1	-0.01	0.00	-0.02	-0.01		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.06	0.08	0.08	0.08	17.59	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	12.30	10.36	10.34	11.00	10.25	ppb
Boron	11-1	12.50	9.75	9.74	10.66	14.95	ppb
Cadmium	111-1	-0.03	-0.02	0.02	-0.01		ppb
Cadmium	106-1	-0.72	-0.50	0.02	-0.40		ppb
Cadmium	108-1	-0.01	0.07	-0.02	0.01	372.56	ppb
Calcium	43-1	3.81	-3.98	-19.62	-6.60		ppb
Calcium	44-1	14.32	2.53	5.82	7.56	80.52	ppb
Chromium	52-2	-0.03	-0.03	-0.06	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	162.58	ppb
Copper	63-2	0.02	0.02	-0.02	0.01	251.67	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				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	1.17	0.81	0.95	0.97	18.62	ppb
Iron	57-2	0.06	0.61	1.59	0.75	103.51	ppb
Lead	206-1	0.06	0.03	0.03	0.04	50.21	ppb
Lead	207-1	0.07	0.03	0.05	0.05	36.55	ppb
Lead	208-1	0.06	0.04	0.04	0.05	30.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.31	-1.66	0.36	-0.33		ppb
Manganese	55-2	0.00	-0.11	-0.13	-0.08		ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:38:32	DataFile Name :	027CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.05	0.03	0.05	27.18	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	21.75	ppb
Molybdenum	96-1	0.07	0.04	0.05	0.05	25.52	ppb
Molybdenum	97-1	0.07	0.06	0.04	0.06	27.07	ppb
Molybdenum	98-1	0.06	0.04	0.04	0.05	23.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	27.32	-9.49	27.65	15.16	140.85	ppb
Potassium	39-2	12.16	19.79	2.56	11.50	75.07	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	1.57	-3.30	-3.30	-1.68		ppb
Selenium	78-2	-0.51	1.76	2.50	1.25	125.32	ppb
Selenium	82-1	0.09	0.19	0.62	0.30	95.09	ppb
Silicon	28-1	18.22	1.19	2.06	7.16	134.08	ppb
Silver	109-1	0.03	0.02	0.03	0.03	12.67	ppb
Silver	107-1	0.03	0.02	0.02	0.02	19.60	ppb
Sodium	23-2	63.90	70.10	57.70	63.90	9.70	ppb
Strontium	86-1	0.08	0.00	0.07	0.05	89.35	ppb
Strontium	88-1	-0.01	-0.01	0.00	0.00		ppb
Sulfur	34-1	864.43	-675.56	-674.51	-161.88		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.12	0.11	0.13	14.33	ppb
Thallium	205-1	0.13	0.13	0.12	0.13	6.01	ppb
Tin	118-1	0.25	0.23	0.19	0.22	14.34	ppb
Titanium	47-1	0.04	0.09	0.05	0.06	39.29	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.45	ppb
Vanadium	51-2	0.01	-0.02	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	-0.11	-0.15	-0.11	-0.13		ppb
Zirconium	90-1	0.04	0.06	0.06	0.05	14.78	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:38:32	DataFile Name :	027CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.08	0.06	16.91	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:41:41	DataFile Name :	028SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.84	1.87	-2.32	0.46	518.28	ppb
Antimony	121-1	0.15	0.14	0.12	0.14	12.97	ppb
Arsenic	75-2	-0.01	-0.01	-0.03	-0.02		ppb
Barium	135-1	-0.01	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.11	0.02	0.04	0.06	83.29	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	5.58	5.98	4.28	5.28	16.79	ppb
Boron	11-1	5.13	5.23	5.10	5.15	1.32	ppb
Cadmium	111-1	-0.01	-0.08	-0.05	-0.05		ppb
Cadmium	106-1	-0.23	-1.13	-0.84	-0.73		ppb
Cadmium	108-1	0.01	0.01	-0.02	0.00	488.37	ppb
Calcium	43-1	-3.26	-16.64	-19.75	-13.22		ppb
Calcium	44-1	2.18	6.47	2.50	3.72	64.39	ppb
Chromium	52-2	0.04	-0.01	0.06	0.03	122.89	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.02	0.01	0.02	40.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	0.53	-0.02	0.32	0.27	101.00	ppb
Iron	57-2	1.03	-1.27	0.55	0.10	1214.27	ppb
Lead	206-1	0.03	0.03	0.01	0.02	45.52	ppb
Lead	207-1	0.00	0.01	0.04	0.01	135.31	ppb
Lead	208-1	0.03	0.02	0.03	0.02	21.91	ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.54	0.32	-2.50	-0.91		ppb
Manganese	55-2	-0.11	-0.05	-0.17	-0.11		ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:41:41	DataFile Name :	028SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.02	0.04	48.56	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	38.38	ppb
Molybdenum	96-1	0.02	0.03	0.01	0.02	45.21	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	652.78	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.01	25.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.04	-0.07	-0.02		ppb
Phosphorus	31-2	-9.49	-9.49	-9.49	-9.49		ppb
Potassium	39-2	1.28	10.53	-12.25	-0.15		ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	-0.51	1.81	0.25	0.52	228.76	ppb
Selenium	82-1	-0.10	-0.16	-0.13	-0.13		ppb
Silicon	28-1	-7.16	-5.40	-8.52	-7.03		ppb
Silver	109-1	0.00	0.01	0.01	0.01	48.71	ppb
Silver	107-1	0.01	0.01	0.01	0.01	33.27	ppb
Sodium	23-2	41.33	36.83	38.64	38.93	5.81	ppb
Strontium	86-1	0.02	-0.01	-0.01	0.00	636.80	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-458.98	-284.76	-574.30	-439.35		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.03	0.03	18.46	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	14.81	ppb
Tin	118-1	0.09	0.13	0.10	0.11	17.84	ppb
Titanium	47-1	-0.02	0.04	-0.04	0.00		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	71.08	ppb
Vanadium	51-2	-0.02	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.13	-0.08	-0.02	0.01	795.20	ppb
Zirconium	90-1	0.05	0.06	0.03	0.05	36.19	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:41:41	DataFile Name :	028SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.08	0.02	0.05	56.46	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:44:50	DataFile Name :	029SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.03	42.71	34.81	34.18	25.90	ppb
Antimony	121-1	3.89	3.93	3.89	3.90	0.60	ppb
Arsenic	75-2	2.43	2.19	2.30	2.31	5.20	ppb
Barium	135-1	18.90	19.30	19.29	19.17	1.19	ppb
Barium	137-1	19.51	19.23	18.69	19.14	2.18	ppb
Beryllium	9-1	1.95	2.12	1.98	2.02	4.53	ppb
Bismuth	209-1				109		%
Bismuth	209-2				94		%
Boron	10-1	45.32	45.90	45.81	45.68	0.68	ppb
Boron	11-1	46.94	46.73	48.18	47.28	1.65	ppb
Cadmium	111-1	2.07	1.97	1.95	2.00	3.26	ppb
Cadmium	106-1	1.36	1.72	1.00	1.36	26.39	ppb
Cadmium	108-1	1.91	1.90	1.93	1.92	0.61	ppb
Calcium	43-1	916.22	937.75	894.65	916.21	2.35	ppb
Calcium	44-1	942.17	935.95	915.39	931.17	1.51	ppb
Chromium	52-2	4.44	4.04	4.01	4.16	5.75	ppb
Cobalt	59-2	2.13	1.93	2.02	2.03	4.91	ppb
Copper	63-2	4.62	4.21	4.23	4.35	5.34	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				110		%
Holmium	165-2				94		%
Indium	115-1				107		%
Indium	115-2				92		%
Iron	56-2	423.62	389.94	390.65	401.40	4.79	ppb
Iron	57-2	420.14	379.07	400.99	400.06	5.14	ppb
Lead	206-1	2.20	2.17	2.11	2.16	2.12	ppb
Lead	207-1	2.14	2.15	2.11	2.13	0.82	ppb
Lead	208-1	2.19	2.12	2.11	2.14	2.01	ppb
Lithium	6-1				107		%
Magnesium	24-2	1052.45	974.38	933.62	986.82	6.12	ppb
Manganese	55-2	2.14	2.00	2.14	2.09	3.87	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:44:50	DataFile Name :	029SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.09	4.15	4.00	4.08	1.90	ppb
Molybdenum	95-1	9.09	8.99	8.92	9.00	0.94	ppb
Molybdenum	96-1	7.97	7.80	8.08	7.95	1.79	ppb
Molybdenum	97-1	9.18	9.20	8.97	9.12	1.39	ppb
Molybdenum	98-1	9.39	9.10	9.08	9.19	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.30	2.24	2.12	2.22	4.02	ppb
Phosphorus	31-2	-9.49	-9.49	11.08	-2.64		ppb
Potassium	39-2	1064.64	1001.82	1002.76	1023.07	3.52	ppb
Rhodium	103-1				105		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	77-2	2.35	7.26	18.28	9.29	87.79	ppb
Selenium	78-2	10.69	6.73	23.34	13.58	63.86	ppb
Selenium	82-1	10.44	10.30	9.74	10.16	3.66	ppb
Silicon	28-1	16.15	15.37	14.94	15.49	3.96	ppb
Silver	109-1	1.92	1.95	1.95	1.94	0.90	ppb
Silver	107-1	1.89	1.99	1.92	1.93	2.76	ppb
Sodium	23-2	1090.62	1018.64	1012.18	1040.48	4.19	ppb
Strontium	86-1	2.02	1.92	2.00	1.98	2.67	ppb
Strontium	88-1	1.96	1.93	1.88	1.92	1.99	ppb
Sulfur	34-1	-423.90	-470.36	-471.51	-455.26		ppb
Terbium	159-1				109		%
Terbium	159-2				94		%
Thallium	203-1	1.89	1.92	1.89	1.90	0.93	ppb
Thallium	205-1	1.90	1.92	1.95	1.92	1.28	ppb
Tin	118-1	9.51	9.74	9.48	9.58	1.51	ppb
Titanium	47-1	9.43	9.58	9.74	9.58	1.65	ppb
Uranium	238-1	1.90	1.86	1.84	1.87	1.64	ppb
Vanadium	51-2	10.73	9.48	9.40	9.87	7.55	ppb
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	3.57	3.96	4.18	3.91	7.94	ppb
Zirconium	90-1	1.89	1.88	1.85	1.87	0.96	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:44:50	DataFile Name :	029SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.97	1.81	1.89	1.89	4.12	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:47:58	DataFile Name :	030SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.97	4.19	4.33	2.52	119.87	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	19.94	ppb
Arsenic	75-2	0.07	-0.03	-0.01	0.01	519.24	ppb
Barium	135-1	0.00	-0.01	0.02	0.00		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	-0.02	0.04	0.04	0.02	175.69	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	3.46	4.10	3.56	3.71	9.28	ppb
Boron	11-1	3.91	3.64	3.68	3.75	3.95	ppb
Cadmium	111-1	-0.03	-0.06	-0.05	-0.05		ppb
Cadmium	106-1	-0.45	-0.83	-0.68	-0.66		ppb
Cadmium	108-1	0.01	0.10	0.01	0.04	123.10	ppb
Calcium	43-1	-22.15	-21.22	-15.44	-19.60		ppb
Calcium	44-1	-1.16	2.80	0.03	0.56	364.39	ppb
Chromium	52-2	-0.04	0.02	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	469.17	ppb
Copper	63-2	0.04	0.01	0.02	0.03	57.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	-0.27	0.02	-0.18	-0.14		ppb
Iron	57-2	0.14	-1.85	0.43	-0.43		ppb
Lead	206-1	0.01	0.02	0.01	0.02	31.81	ppb
Lead	207-1	0.03	0.01	0.02	0.02	45.74	ppb
Lead	208-1	0.01	0.02	0.02	0.01	45.57	ppb
Lithium	6-1				107		%
Magnesium	24-2	-0.92	-0.05	-1.26	-0.74		ppb
Manganese	55-2	-0.10	0.08	-0.10	-0.04		ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:47:58	DataFile Name :	030SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.01	0.01	60.64	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	128.46	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	168.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.04	-0.01	0.01	933.15	ppb
Phosphorus	31-2	-9.49	-9.49	8.91	-3.36		ppb
Potassium	39-2	-1.14	-20.20	0.83	-6.83		ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	-0.51	0.95	0.97	0.47	180.25	ppb
Selenium	82-1	0.24	0.14	-0.27	0.04	703.71	ppb
Silicon	28-1	-7.87	-8.40	-9.31	-8.53		ppb
Silver	109-1	0.03	0.01	0.01	0.02	47.65	ppb
Silver	107-1	0.02	0.02	0.01	0.02	13.66	ppb
Sodium	23-2	24.53	22.29	23.50	23.44	4.77	ppb
Strontium	86-1	0.05	0.05	-0.04	0.02	282.98	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-285.32	-213.01	-467.44	-321.93		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.01	0.02	0.01	37.56	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	9.82	ppb
Tin	118-1	0.00	0.01	0.02	0.01	108.40	ppb
Titanium	47-1	0.04	-0.02	-0.03	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	294.08	ppb
Vanadium	51-2	-0.01	0.02	0.02	0.01	189.52	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	-0.13	0.19	-0.11	-0.02		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	83.73	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:47:58	DataFile Name :	030SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.02	0.00	272.60	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:51:07	DataFile Name :	031SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.33	39.43	31.89	34.55	12.26	ppb
Antimony	121-1	3.75	3.89	3.93	3.86	2.42	ppb
Arsenic	75-2	2.01	1.92	2.19	2.04	6.70	ppb
Barium	135-1	18.71	18.14	19.05	18.64	2.46	ppb
Barium	137-1	18.53	18.55	18.91	18.66	1.16	ppb
Beryllium	9-1	1.92	2.00	1.99	1.97	2.37	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	45.89	44.49	46.65	45.68	2.40	ppb
Boron	11-1	46.19	45.13	46.15	45.82	1.31	ppb
Cadmium	111-1	1.89	1.82	1.98	1.90	4.09	ppb
Cadmium	106-1	1.26	1.33	2.80	1.80	48.51	ppb
Cadmium	108-1	2.04	1.87	2.31	2.07	10.69	ppb
Calcium	43-1	874.64	913.89	917.49	902.00	2.63	ppb
Calcium	44-1	907.35	926.72	933.27	922.45	1.46	ppb
Chromium	52-2	3.71	3.91	4.02	3.88	4.16	ppb
Cobalt	59-2	2.04	2.05	2.11	2.07	1.88	ppb
Copper	63-2	4.04	4.25	4.15	4.15	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	391.25	389.78	389.87	390.30	0.21	ppb
Iron	57-2	378.67	384.66	391.60	384.98	1.68	ppb
Lead	206-1	2.18	2.22	2.14	2.18	1.91	ppb
Lead	207-1	2.16	2.19	2.18	2.17	0.75	ppb
Lead	208-1	2.19	2.17	2.15	2.17	1.00	ppb
Lithium	6-1				109		%
Magnesium	24-2	931.24	932.74	967.39	943.79	2.17	ppb
Manganese	55-2	1.84	2.49	1.91	2.08	16.96	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:51:07	DataFile Name :	031SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.01	4.07	4.04	4.04	0.82	ppb
Molybdenum	95-1	8.91	9.10	8.97	8.99	1.12	ppb
Molybdenum	96-1	7.60	7.82	8.03	7.82	2.73	ppb
Molybdenum	97-1	8.77	9.25	9.35	9.12	3.39	ppb
Molybdenum	98-1	9.03	9.16	9.18	9.12	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.29	2.09	2.10	2.16	5.09	ppb
Phosphorus	31-2	8.97	9.16	28.44	15.52	72.06	ppb
Potassium	39-2	972.26	965.73	991.99	976.66	1.40	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	15.96	6.48	1.53	7.99	91.82	ppb
Selenium	78-2	12.70	9.17	7.59	9.82	26.63	ppb
Selenium	82-1	9.95	9.20	10.08	9.74	4.88	ppb
Silicon	28-1	13.20	13.40	13.42	13.34	0.93	ppb
Silver	109-1	1.86	1.93	1.95	1.91	2.30	ppb
Silver	107-1	1.84	1.92	1.90	1.89	2.22	ppb
Sodium	23-2	979.08	986.10	996.41	987.20	0.88	ppb
Strontium	86-1	1.93	1.90	2.09	1.97	5.14	ppb
Strontium	88-1	1.96	1.93	1.97	1.96	1.01	ppb
Sulfur	34-1	-762.68	-568.62	-602.91	-644.74		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	1.79	1.90	1.87	1.86	3.12	ppb
Thallium	205-1	1.89	1.91	1.89	1.90	0.68	ppb
Tin	118-1	9.45	9.40	9.45	9.44	0.30	ppb
Titanium	47-1	9.66	8.82	9.05	9.18	4.73	ppb
Uranium	238-1	1.88	1.81	1.85	1.85	1.86	ppb
Vanadium	51-2	9.90	9.46	9.97	9.78	2.80	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	4.17	4.01	3.94	4.04	2.86	ppb
Zirconium	90-1	1.73	1.85	1.83	1.81	3.53	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:51:07	DataFile Name :	031SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.76	1.79	1.80	1.78	1.19	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5061-07A	Instrumnet Name :	P8
Client Sample ID :	MET1Y1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:54:19	DataFile Name :	032SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15121.61	15213.74	14864.95	15066.77	1.20	ppb
Antimony	121-1	2.90	2.93	2.88	2.90	0.82	ppb
Arsenic	75-2	86.87	86.74	84.19	85.93	1.76	ppb
Barium	135-1	443.07	447.74	441.45	444.09	0.73	ppb
Barium	137-1	457.27	454.45	446.59	452.77	1.22	ppb
Beryllium	9-1	1.33	1.22	1.44	1.33	8.37	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	8.98	10.09	10.34	9.80	7.41	ppb
Boron	11-1	9.53	9.42	9.27	9.41	1.42	ppb
Cadmium	111-1	2.08	2.15	2.21	2.14	2.91	ppb
Cadmium	106-1	2.73	1.92	1.50	2.05	30.35	ppb
Cadmium	108-1	2.56	2.35	1.89	2.27	15.06	ppb
Calcium	43-1	21096.97	21692.64	21202.38	21330.66	1.49	ppb
Calcium	44-1	21407.23	21613.35	21191.65	21404.08	0.99	ppb
Chromium	52-2	39.82	40.29	38.89	39.67	1.80	ppb
Cobalt	59-2	22.32	22.76	21.99	22.36	1.73	ppb
Copper	63-2	70.99	72.22	70.20	71.14	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	51222.79	51003.72	50080.82	50769.11	1.19	ppb
Iron	57-2	50112.59	50348.81	49664.36	50041.92	0.69	ppb
Lead	206-1	872.97	878.30	886.35	879.21	0.77	ppb
Lead	207-1	771.37	763.39	755.72	763.50	1.03	ppb
Lead	208-1	812.26	811.24	812.63	812.04	0.09	ppb
Lithium	6-1				109		%
Magnesium	24-2	8228.93	8409.17	8167.50	8268.54	1.52	ppb
Manganese	55-2	1942.22	1964.35	1908.84	1938.47	1.44	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5061-07A	Instrumnet Name :	P8
Client Sample ID :	MET1Y1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:54:19	DataFile Name :	032SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.27	3.46	3.24	3.32	3.50	ppb
Molybdenum	95-1	5.47	5.62	5.49	5.53	1.48	ppb
Molybdenum	96-1	5.08	5.25	5.17	5.17	1.63	ppb
Molybdenum	97-1	5.65	5.79	5.52	5.65	2.34	ppb
Molybdenum	98-1	5.50	5.57	5.59	5.55	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.51	44.90	44.03	44.81	1.66	ppb
Phosphorus	31-2	4045.85	4009.36	3736.36	3930.52	4.30	ppb
Potassium	39-2	1991.70	2022.43	1927.28	1980.47	2.45	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	60.06	87.40	59.57	69.01	23.08	ppb
Selenium	78-2	11.21	14.69	10.44	12.11	18.70	ppb
Selenium	82-1	1.39	2.48	2.20	2.02	27.83	ppb
Silicon	28-1	1790.35	1524.68	1243.42	1519.49	18.00	ppb
Silver	109-1	0.55	0.58	0.60	0.58	4.41	ppb
Silver	107-1	0.54	0.55	0.59	0.56	4.19	ppb
Sodium	23-2	168.99	172.80	165.81	169.20	2.07	ppb
Strontium	86-1	39.60	39.32	39.57	39.49	0.39	ppb
Strontium	88-1	39.59	40.14	39.81	39.85	0.69	ppb
Sulfur	34-1	-185.90	-66.17	-336.11	-196.06		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.71	0.69	0.71	0.70	1.53	ppb
Thallium	205-1	0.66	0.70	0.70	0.69	3.46	ppb
Tin	118-1	17.30	17.32	16.94	17.19	1.25	ppb
Titanium	47-1	185.87	188.44	190.26	188.19	1.17	ppb
Uranium	238-1	1.68	1.72	1.69	1.70	1.11	ppb
Vanadium	51-2	53.12	52.29	51.79	52.40	1.28	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	527.33	540.09	520.34	529.25	1.89	ppb
Zirconium	90-1	2.25	2.22	2.28	2.25	1.32	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5061-07A	Instrumnet Name :	P8
Client Sample ID :	MET1Y1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:54:19	DataFile Name :	032SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.32	2.34	2.19	2.28	3.66	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-08	Instrumnet Name :	P8
Client Sample ID :	MBDD01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:57:28	DataFile Name :	033SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.65	2.90	11.67	7.07	62.19	ppb
Antimony	121-1	0.20	0.19	0.22	0.21	7.63	ppb
Arsenic	75-2	0.74	1.11	0.89	0.91	20.05	ppb
Barium	135-1	87.69	87.37	88.80	87.96	0.85	ppb
Barium	137-1	87.36	88.08	87.97	87.80	0.44	ppb
Beryllium	9-1	0.06	0.00	0.01	0.02	142.36	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	10-1	38.85	40.87	39.80	39.84	2.54	ppb
Boron	11-1	40.25	40.52	39.91	40.22	0.75	ppb
Cadmium	111-1	0.07	0.04	0.09	0.07	40.14	ppb
Cadmium	106-1	-0.86	-1.18	-0.55	-0.87		ppb
Cadmium	108-1	0.22	0.17	0.12	0.17	30.29	ppb
Calcium	43-1	25444.46	25638.90	25882.77	25655.38	0.86	ppb
Calcium	44-1	25429.89	25542.05	25638.97	25536.97	0.41	ppb
Chromium	52-2	0.42	0.28	0.30	0.34	22.80	ppb
Cobalt	59-2	4.63	4.65	4.62	4.63	0.40	ppb
Copper	63-2	1.89	1.88	1.87	1.88	0.74	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				114		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	7.59	8.07	7.91	7.86	3.15	ppb
Iron	57-2	10.98	8.72	5.54	8.41	32.44	ppb
Lead	206-1	0.54	0.56	0.54	0.55	1.76	ppb
Lead	207-1	0.49	0.48	0.46	0.48	3.13	ppb
Lead	208-1	0.53	0.52	0.49	0.52	3.95	ppb
Lithium	6-1				112		%
Magnesium	24-2	6124.33	6221.97	6004.73	6117.01	1.78	ppb
Manganese	55-2	275.47	276.39	269.19	273.68	1.43	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-08	Instrumnet Name :	P8
Client Sample ID :	MBDD01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:57:28	DataFile Name :	033SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.01	0.01	16.91	ppb
Molybdenum	95-1	0.03	0.03	0.01	0.03	49.78	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	21.60	ppb
Molybdenum	97-1	0.04	0.02	0.02	0.03	37.18	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.03	17.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.18	23.93	24.21	24.11	0.65	ppb
Phosphorus	31-2	-9.49	8.59	8.12	2.40	428.77	ppb
Potassium	39-2	3485.98	3415.05	3231.13	3377.39	3.89	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	-0.51	-0.51	0.21	-0.27		ppb
Selenium	82-1	0.63	0.73	0.06	0.47	76.35	ppb
Silicon	28-1	2287.44	2318.24	2322.06	2309.25	0.82	ppb
Silver	109-1	0.24	0.26	0.27	0.26	7.46	ppb
Silver	107-1	0.30	0.28	0.28	0.29	3.04	ppb
Sodium	23-2	90105.57	90498.34	87205.01	89269.64	2.01	ppb
Strontium	86-1	156.15	157.99	157.49	157.21	0.60	ppb
Strontium	88-1	158.78	158.77	159.98	159.18	0.44	ppb
Sulfur	34-1	7473.79	7569.80	7625.38	7556.32	1.01	ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.11	0.15	0.13	0.13	15.87	ppb
Thallium	205-1	0.13	0.17	0.16	0.15	12.57	ppb
Tin	118-1	0.17	0.16	0.22	0.19	17.95	ppb
Titanium	47-1	0.15	0.02	0.10	0.09	77.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	166.71	ppb
Vanadium	51-2	0.73	0.73	0.86	0.77	10.01	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	131.52	131.72	126.67	129.97	2.20	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	70.56	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-08	Instrumnet Name :	P8
Client Sample ID :	MBDD01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:57:28	DataFile Name :	033SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.02	0.01	77.35	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-08	Instrumnet Name :	P8
Client Sample ID :	MBDD02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:00:38	DataFile Name :	034SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.73	5.44	15.50	9.22	59.34	ppb
Antimony	121-1	0.16	0.17	0.19	0.17	10.34	ppb
Arsenic	75-2	0.94	0.83	0.92	0.90	6.37	ppb
Barium	135-1	87.42	87.61	89.52	88.18	1.32	ppb
Barium	137-1	88.12	87.75	88.85	88.24	0.64	ppb
Beryllium	9-1	0.06	0.03	0.03	0.04	34.62	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	37.24	37.06	37.14	37.15	0.24	ppb
Boron	11-1	38.29	37.83	39.35	38.49	2.03	ppb
Cadmium	111-1	0.08	0.11	0.04	0.08	47.19	ppb
Cadmium	106-1	-0.17	-0.41	-0.98	-0.52		ppb
Cadmium	108-1	0.22	0.09	0.15	0.16	42.87	ppb
Calcium	43-1	25365.46	26007.22	25968.20	25780.30	1.40	ppb
Calcium	44-1	25345.00	25890.76	26179.48	25805.08	1.64	ppb
Chromium	52-2	1.00	0.92	0.89	0.94	6.10	ppb
Cobalt	59-2	4.60	4.84	4.44	4.63	4.28	ppb
Copper	63-2	1.56	1.55	1.45	1.52	3.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	9.14	9.69	8.20	9.01	8.32	ppb
Iron	57-2	14.36	8.24	10.17	10.92	28.65	ppb
Lead	206-1	0.38	0.43	0.39	0.40	7.12	ppb
Lead	207-1	0.40	0.38	0.37	0.38	4.69	ppb
Lead	208-1	0.39	0.39	0.41	0.40	2.09	ppb
Lithium	6-1				112		%
Magnesium	24-2	6091.25	6073.85	6022.50	6062.53	0.59	ppb
Manganese	55-2	281.31	275.05	273.32	276.56	1.52	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-08	Instrumnet Name :	P8
Client Sample ID :	MBDD02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:00:38	DataFile Name :	034SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.02	0.01	52.79	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	13.93	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	11.17	ppb
Molybdenum	97-1	0.06	0.04	0.05	0.05	22.63	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	21.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.47	23.16	22.92	23.18	1.19	ppb
Phosphorus	31-2	-9.49	8.42	-9.49	-3.52		ppb
Potassium	39-2	3486.96	3441.76	3398.97	3442.56	1.28	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	0.20	0.21	0.90	0.44	92.71	ppb
Selenium	82-1	0.89	0.88	-0.10	0.55	102.45	ppb
Silicon	28-1	2243.88	2297.29	2293.75	2278.31	1.31	ppb
Silver	109-1	0.20	0.23	0.21	0.22	6.83	ppb
Silver	107-1	0.22	0.19	0.21	0.21	5.25	ppb
Sodium	23-2	88779.55	90114.68	88147.55	89013.92	1.13	ppb
Strontium	86-1	158.35	159.09	159.54	158.99	0.38	ppb
Strontium	88-1	162.59	159.94	157.68	160.07	1.54	ppb
Sulfur	34-1	7378.49	8037.71	8163.51	7859.90	5.36	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.11	0.11	0.15	0.12	19.53	ppb
Thallium	205-1	0.13	0.13	0.14	0.13	4.36	ppb
Tin	118-1	0.08	0.07	0.13	0.10	32.05	ppb
Titanium	47-1	0.05	0.12	0.08	0.08	47.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	235.24	ppb
Vanadium	51-2	0.72	0.73	0.71	0.72	1.84	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	126.17	125.03	124.15	125.12	0.81	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	17.63	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-08	Instrumnet Name :	P8
Client Sample ID :	MBDD02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:00:38	DataFile Name :	034SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.00	0.01	69.17	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-09	Instrumnet Name :	P8
Client Sample ID :	MBDD03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:03:48	DataFile Name :	035SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.65	44.76	35.95	39.45	11.85	ppb
Antimony	121-1	0.11	0.13	0.14	0.13	11.99	ppb
Arsenic	75-2	0.10	0.20	0.22	0.18	36.26	ppb
Barium	135-1	76.99	78.64	77.64	77.76	1.07	ppb
Barium	137-1	77.64	78.49	78.30	78.15	0.57	ppb
Beryllium	9-1	0.08	0.06	0.07	0.07	18.41	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	32.78	34.21	31.08	32.69	4.80	ppb
Boron	11-1	31.96	32.32	33.02	32.43	1.66	ppb
Cadmium	111-1	0.16	0.23	0.16	0.18	22.96	ppb
Cadmium	106-1	-0.90	-0.62	-0.77	-0.76		ppb
Cadmium	108-1	0.23	0.37	0.37	0.32	25.42	ppb
Calcium	43-1	25688.99	25634.22	25718.84	25680.68	0.17	ppb
Calcium	44-1	25708.88	25788.75	25615.50	25704.37	0.34	ppb
Chromium	52-2	0.13	0.13	0.19	0.15	22.80	ppb
Cobalt	59-2	4.03	3.92	3.73	3.89	3.87	ppb
Copper	63-2	7.37	7.07	6.87	7.10	3.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	119.13	118.51	115.65	117.76	1.57	ppb
Iron	57-2	118.65	118.60	121.27	119.50	1.28	ppb
Lead	206-1	1.32	1.35	1.40	1.36	2.88	ppb
Lead	207-1	1.15	1.21	1.29	1.22	5.92	ppb
Lead	208-1	1.27	1.29	1.33	1.30	2.49	ppb
Lithium	6-1				111		%
Magnesium	24-2	6134.97	6207.88	6006.23	6116.36	1.67	ppb
Manganese	55-2	274.17	275.98	272.98	274.38	0.55	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-09	Instrumnet Name :	P8
Client Sample ID :	MBDD03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:03:48	DataFile Name :	035SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.02	0.02	21.22	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	25.22	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	84.23	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	9.81	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	24.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.02	3.08	2.80	2.97	5.04	ppb
Phosphorus	31-2	-9.49	-9.49	-9.49	-9.49		ppb
Potassium	39-2	3476.75	3413.33	3404.20	3431.43	1.15	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	10.68	6.13	10.77	9.19	28.87	ppb
Selenium	78-2	-0.51	3.08	3.06	1.88	110.06	ppb
Selenium	82-1	0.04	0.49	0.21	0.25	91.16	ppb
Silicon	28-1	2051.89	2072.59	2050.36	2058.28	0.60	ppb
Silver	109-1	0.17	0.17	0.18	0.18	3.24	ppb
Silver	107-1	0.18	0.16	0.19	0.18	8.74	ppb
Sodium	23-2	90917.48	91544.73	90550.13	91004.11	0.55	ppb
Strontium	86-1	152.16	153.63	154.37	153.39	0.73	ppb
Strontium	88-1	153.17	155.75	154.98	154.63	0.86	ppb
Sulfur	34-1	8706.39	8867.75	8701.79	8758.64	1.08	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.06	0.06	0.06	4.56	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	4.07	ppb
Tin	118-1	0.14	0.13	0.13	0.13	4.66	ppb
Titanium	47-1	0.08	0.09	0.17	0.11	42.72	ppb
Uranium	238-1	0.09	0.09	0.08	0.09	6.42	ppb
Vanadium	51-2	0.01	0.03	0.02	0.02	36.09	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	86.44	85.22	86.61	86.09	0.88	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	53.79	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-09	Instrumnet Name :	P8
Client Sample ID :	MBDD03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:03:48	DataFile Name :	035SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.00	0.03	0.03	78.36	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-10	Instrumnet Name :	P8
Client Sample ID :	MBDD05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:06:58	DataFile Name :	036SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.30	18.46	28.80	22.52	24.49	ppb
Antimony	121-1	0.15	0.15	0.14	0.15	2.52	ppb
Arsenic	75-2	0.53	0.31	0.36	0.40	29.19	ppb
Barium	135-1	82.01	82.37	81.97	82.12	0.27	ppb
Barium	137-1	81.25	82.52	81.77	81.85	0.78	ppb
Beryllium	9-1	0.05	0.02	0.04	0.04	50.54	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	29.95	33.05	32.22	31.74	5.06	ppb
Boron	11-1	33.77	35.28	34.08	34.38	2.33	ppb
Cadmium	111-1	0.12	0.15	0.25	0.17	40.74	ppb
Cadmium	106-1	-1.46	-1.36	-0.31	-1.04		ppb
Cadmium	108-1	0.64	0.18	0.09	0.30	97.37	ppb
Calcium	43-1	26024.39	26010.85	25804.06	25946.43	0.48	ppb
Calcium	44-1	26097.07	26390.59	25923.52	26137.06	0.90	ppb
Chromium	52-2	1.92	1.90	2.24	2.02	9.64	ppb
Cobalt	59-2	3.66	3.61	3.68	3.65	0.99	ppb
Copper	63-2	7.83	7.58	7.40	7.60	2.82	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				111		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	26.80	26.01	24.09	25.63	5.43	ppb
Iron	57-2	26.80	20.25	21.66	22.90	15.04	ppb
Lead	206-1	0.21	0.20	0.24	0.21	9.28	ppb
Lead	207-1	0.22	0.20	0.20	0.21	6.54	ppb
Lead	208-1	0.21	0.20	0.23	0.21	5.52	ppb
Lithium	6-1				111		%
Magnesium	24-2	6351.17	6206.66	6171.66	6243.16	1.52	ppb
Manganese	55-2	281.72	281.34	277.42	280.16	0.85	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-10	Instrumnet Name :	P8
Client Sample ID :	MBDD05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:06:58	DataFile Name :	036SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.03	0.02	30.15	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	20.03	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	31.58	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	36.62	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	13.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.11	6.61	6.81	6.84	3.74	ppb
Phosphorus	31-2	45.83	-9.49	-9.49	8.95	357.01	ppb
Potassium	39-2	3549.67	3498.39	3566.19	3538.08	1.00	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	-0.51	0.21	-0.51	-0.27		ppb
Selenium	82-1	0.19	0.24	0.15	0.19	21.83	ppb
Silicon	28-1	2096.73	2110.99	2107.30	2105.01	0.35	ppb
Silver	109-1	0.14	0.14	0.16	0.15	7.12	ppb
Silver	107-1	0.18	0.16	0.15	0.16	8.44	ppb
Sodium	23-2	94619.93	93964.39	93331.31	93971.88	0.69	ppb
Strontium	86-1	157.59	158.56	157.82	157.99	0.32	ppb
Strontium	88-1	159.69	160.46	159.57	159.91	0.30	ppb
Sulfur	34-1	8986.12	8936.50	8714.87	8879.16	1.63	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.08	0.06	0.07	25.47	ppb
Thallium	205-1	0.09	0.07	0.08	0.08	9.71	ppb
Tin	118-1	0.03	0.04	0.04	0.04	13.69	ppb
Titanium	47-1	0.22	0.24	0.18	0.21	12.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	275.40	ppb
Vanadium	51-2	0.35	0.30	0.36	0.34	8.74	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	79.67	76.33	75.85	77.28	2.69	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	21.00	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-10	Instrumnet Name :	P8
Client Sample ID :	MBDD05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:06:58	DataFile Name :	036SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.01	0.02	62.96	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-11	Instrumnet Name :	P8
Client Sample ID :	MBDD07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:10:09	DataFile Name :	037SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.95	14.69	15.98	17.21	19.21	ppb
Antimony	121-1	0.16	0.18	0.16	0.17	4.78	ppb
Arsenic	75-2	0.27	0.36	0.35	0.33	15.35	ppb
Barium	135-1	82.21	81.36	82.85	82.14	0.91	ppb
Barium	137-1	81.80	81.50	83.60	82.30	1.38	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	67.40	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	31.28	32.17	33.03	32.16	2.71	ppb
Boron	11-1	33.26	34.32	34.90	34.16	2.44	ppb
Cadmium	111-1	0.16	0.15	0.20	0.17	13.34	ppb
Cadmium	106-1	-1.01	-1.08	-0.82	-0.97		ppb
Cadmium	108-1	0.27	0.41	0.12	0.27	54.36	ppb
Calcium	43-1	26362.00	26142.74	26675.25	26393.33	1.01	ppb
Calcium	44-1	26558.43	26145.01	26614.73	26439.39	0.97	ppb
Chromium	52-2	-0.03	-0.07	-0.06	-0.05		ppb
Cobalt	59-2	3.71	3.66	3.66	3.68	0.84	ppb
Copper	63-2	7.45	7.51	7.70	7.55	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				115		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	13.87	14.97	14.93	14.59	4.25	ppb
Iron	57-2	15.09	10.58	12.75	12.81	17.61	ppb
Lead	206-1	0.23	0.20	0.19	0.21	8.05	ppb
Lead	207-1	0.20	0.18	0.20	0.19	5.19	ppb
Lead	208-1	0.20	0.19	0.19	0.19	3.01	ppb
Lithium	6-1				116		%
Magnesium	24-2	6346.79	6408.67	6285.19	6346.88	0.97	ppb
Manganese	55-2	286.22	286.10	285.76	286.03	0.08	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-11	Instrumnet Name :	P8
Client Sample ID :	MBDD07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:10:09	DataFile Name :	037SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.02	0.02	42.39	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	50.53	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	537.16	ppb
Molybdenum	97-1	0.02	0.03	0.04	0.03	33.72	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	51.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.92	5.54	5.73	5.73	3.32	ppb
Phosphorus	31-2	8.41	-9.49	26.74	8.55	211.82	ppb
Potassium	39-2	3450.74	3692.96	3492.29	3545.33	3.65	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	77-2	-3.30	-3.30	1.40	-1.74		ppb
Selenium	78-2	-0.51	0.22	1.64	0.45	243.41	ppb
Selenium	82-1	-0.75	-0.31	0.15	-0.30		ppb
Silicon	28-1	2164.89	2121.87	2144.27	2143.68	1.00	ppb
Silver	109-1	0.14	0.15	0.14	0.14	2.32	ppb
Silver	107-1	0.13	0.17	0.16	0.15	14.67	ppb
Sodium	23-2	95477.08	96324.30	94755.41	95518.93	0.82	ppb
Strontium	86-1	159.31	159.74	158.35	159.13	0.45	ppb
Strontium	88-1	161.30	160.66	162.54	161.50	0.59	ppb
Sulfur	34-1	8991.62	8746.94	9094.04	8944.20	1.99	ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.09	0.09	0.08	8.86	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	16.04	ppb
Tin	118-1	0.08	0.05	0.08	0.07	24.50	ppb
Titanium	47-1	0.12	0.18	0.19	0.16	22.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	97.42	ppb
Vanadium	51-2	0.31	0.25	0.25	0.27	13.25	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	78.96	80.25	80.55	79.92	1.06	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	37.51	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-11	Instrumnet Name :	P8
Client Sample ID :	MBDD07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:10:09	DataFile Name :	037SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.03	0.02	61.73	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-12	Instrumnet Name :	P8
Client Sample ID :	MBDD09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:13:19	DataFile Name :	038SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.61	17.61	10.72	15.98	29.19	ppb
Antimony	121-1	0.16	0.18	0.18	0.17	6.92	ppb
Arsenic	75-2	0.50	0.47	0.64	0.54	16.64	ppb
Barium	135-1	86.30	96.21	86.28	89.60	6.39	ppb
Barium	137-1	86.15	95.27	85.08	88.84	6.30	ppb
Beryllium	9-1	0.04	0.05	0.02	0.04	45.39	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	33.36	37.16	35.74	35.42	5.43	ppb
Boron	11-1	35.22	38.35	34.72	36.10	5.45	ppb
Cadmium	111-1	0.16	0.07	0.03	0.09	78.80	ppb
Cadmium	106-1	0.08	-1.58	-1.47	-0.99		ppb
Cadmium	108-1	0.17	0.28	0.20	0.22	27.40	ppb
Calcium	43-1	25762.25	28473.31	26051.51	26762.36	5.56	ppb
Calcium	44-1	25943.58	28743.64	26173.92	26953.71	5.77	ppb
Chromium	52-2	-0.15	-0.14	-0.18	-0.16		ppb
Cobalt	59-2	4.04	4.30	4.11	4.15	3.18	ppb
Copper	63-2	2.13	2.14	2.19	2.15	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				111		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	6.54	6.84	6.53	6.64	2.70	ppb
Iron	57-2	6.41	10.07	7.25	7.91	24.26	ppb
Lead	206-1	0.37	0.47	0.40	0.41	11.96	ppb
Lead	207-1	0.38	0.45	0.39	0.40	9.39	ppb
Lead	208-1	0.39	0.44	0.39	0.41	6.31	ppb
Lithium	6-1				112		%
Magnesium	24-2	6241.22	6356.93	6317.62	6305.26	0.93	ppb
Manganese	55-2	281.56	290.17	287.31	286.35	1.53	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-12	Instrumnet Name :	P8
Client Sample ID :	MBDD09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:13:19	DataFile Name :	038SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.01	0.01	58.43	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	73.26	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	26.82	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.00	168.44	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	38.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.52	14.49	13.73	13.92	3.68	ppb
Phosphorus	31-2	26.26	27.34	8.56	20.72	50.88	ppb
Potassium	39-2	3527.17	3444.31	3535.68	3502.38	1.44	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	1.34	-3.30	-3.30	-1.75		ppb
Selenium	78-2	2.33	-0.51	1.65	1.16	128.13	ppb
Selenium	82-1	0.16	-0.63	0.32	-0.05		ppb
Silicon	28-1	2152.59	2389.75	2166.65	2236.33	5.95	ppb
Silver	109-1	0.14	0.14	0.13	0.13	4.82	ppb
Silver	107-1	0.12	0.15	0.12	0.13	13.36	ppb
Sodium	23-2	92732.18	93020.22	93913.64	93222.01	0.66	ppb
Strontium	86-1	156.11	173.44	158.81	162.78	5.73	ppb
Strontium	88-1	159.05	176.40	160.94	165.46	5.75	ppb
Sulfur	34-1	8620.31	10755.77	8794.19	9390.09	12.63	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.09	0.10	0.10	0.10	3.21	ppb
Thallium	205-1	0.09	0.10	0.10	0.10	6.58	ppb
Tin	118-1	0.02	0.09	0.02	0.04	94.56	ppb
Titanium	47-1	0.13	0.14	0.12	0.13	10.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.41	0.48	0.42	0.44	9.76	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	100.00	105.10	104.51	103.20	2.70	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	90.17	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-12	Instrumnet Name :	P8
Client Sample ID :	MBDD09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:13:19	DataFile Name :	038SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	30.24	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-09	Instrumnet Name :	P8
Client Sample ID :	MBDD04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:16:29	DataFile Name :	039SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.88	38.14	44.33	44.78	15.36	ppb
Antimony	121-1	0.19	0.17	0.19	0.18	6.89	ppb
Arsenic	75-2	0.17	0.10	0.14	0.14	24.95	ppb
Barium	135-1	78.46	77.59	77.88	77.97	0.57	ppb
Barium	137-1	78.01	77.89	77.94	77.94	0.08	ppb
Beryllium	9-1	0.05	0.08	0.08	0.07	28.68	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Boron	10-1	32.71	31.75	32.69	32.38	1.69	ppb
Boron	11-1	32.00	31.81	34.32	32.71	4.27	ppb
Cadmium	111-1	0.22	0.28	0.24	0.25	12.83	ppb
Cadmium	106-1	-0.04	0.46	-0.59	-0.06		ppb
Cadmium	108-1	0.67	0.35	0.17	0.40	63.93	ppb
Calcium	43-1	25971.62	25838.87	25580.38	25796.96	0.77	ppb
Calcium	44-1	26157.58	26319.05	25727.80	26068.14	1.17	ppb
Chromium	52-2	0.28	0.27	0.18	0.24	24.00	ppb
Cobalt	59-2	4.23	4.16	4.07	4.15	1.91	ppb
Copper	63-2	3.67	3.59	3.54	3.60	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				116		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	101.30	98.91	97.66	99.29	1.86	ppb
Iron	57-2	105.90	95.04	81.67	94.20	12.88	ppb
Lead	206-1	1.13	1.14	1.12	1.13	1.13	ppb
Lead	207-1	1.08	1.11	1.09	1.09	1.17	ppb
Lead	208-1	1.10	1.14	1.12	1.12	1.69	ppb
Lithium	6-1				116		%
Magnesium	24-2	6460.07	6273.74	6283.51	6339.11	1.65	ppb
Manganese	55-2	283.69	281.79	274.70	280.06	1.69	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-09	Instrumnet Name :	P8
Client Sample ID :	MBDD04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:16:29	DataFile Name :	039SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	24.93	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	11.41	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	5.77	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.02	14.16	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.01	35.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.52	5.12	5.29	3.92	ppb
Phosphorus	31-2	-9.49	44.77	26.43	20.57	134.20	ppb
Potassium	39-2	3625.24	3562.52	3544.57	3577.45	1.18	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	77-2	10.77	5.98	1.37	6.04	77.74	ppb
Selenium	78-2	1.64	-0.51	3.77	1.63	131.07	ppb
Selenium	82-1	0.24	0.08	0.56	0.29	82.50	ppb
Silicon	28-1	2121.02	2127.77	2092.34	2113.71	0.89	ppb
Silver	109-1	0.14	0.10	0.13	0.12	15.53	ppb
Silver	107-1	0.13	0.12	0.16	0.14	14.86	ppb
Sodium	23-2	96461.46	95003.59	94100.76	95188.60	1.25	ppb
Strontium	86-1	153.59	154.03	155.62	154.41	0.69	ppb
Strontium	88-1	156.27	156.98	159.78	157.68	1.18	ppb
Sulfur	34-1	9139.54	9310.84	9103.37	9184.58	1.21	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.07	0.06	0.06	22.38	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	9.46	ppb
Tin	118-1	0.05	0.05	0.06	0.05	13.91	ppb
Titanium	47-1	0.11	0.08	0.06	0.08	29.68	ppb
Uranium	238-1	0.09	0.09	0.09	0.09	2.00	ppb
Vanadium	51-2	0.04	0.06	0.03	0.04	41.17	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	195.24	191.09	186.41	190.92	2.31	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	24.25	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-09	Instrumnet Name :	P8
Client Sample ID :	MBDD04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:16:29	DataFile Name :	039SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	35.83	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-10	Instrumnet Name :	P8
Client Sample ID :	MBDD06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:19:38	DataFile Name :	040SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.57	16.31	14.62	16.50	12.00	ppb
Antimony	121-1	0.23	0.17	0.20	0.20	13.06	ppb
Arsenic	75-2	0.49	0.30	0.42	0.41	22.97	ppb
Barium	135-1	79.75	79.31	79.39	79.48	0.29	ppb
Barium	137-1	80.31	79.75	80.40	80.15	0.44	ppb
Beryllium	9-1	0.02	0.02	0.00	0.01	107.45	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Boron	10-1	30.90	33.42	30.26	31.53	5.31	ppb
Boron	11-1	31.64	32.62	33.85	32.70	3.40	ppb
Cadmium	111-1	0.26	0.28	0.18	0.24	21.52	ppb
Cadmium	106-1	-0.30	1.10	-1.09	-0.10		ppb
Cadmium	108-1	0.09	0.35	0.27	0.24	57.44	ppb
Calcium	43-1	25379.64	25697.73	25568.90	25548.76	0.63	ppb
Calcium	44-1	25506.42	25939.67	25738.64	25728.24	0.84	ppb
Chromium	52-2	-0.08	-0.09	-0.10	-0.09		ppb
Cobalt	59-2	3.43	3.49	3.51	3.47	1.24	ppb
Copper	63-2	9.89	10.01	9.65	9.85	1.84	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				116		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	6.53	6.28	6.12	6.31	3.25	ppb
Iron	57-2	5.08	4.89	3.24	4.41	22.93	ppb
Lead	206-1	0.49	0.53	0.48	0.50	5.32	ppb
Lead	207-1	0.49	0.49	0.50	0.50	0.70	ppb
Lead	208-1	0.49	0.50	0.49	0.49	1.44	ppb
Lithium	6-1				117		%
Magnesium	24-2	6150.86	6227.28	6204.00	6194.05	0.63	ppb
Manganese	55-2	274.06	279.81	277.61	277.16	1.05	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-10	Instrumnet Name :	P8
Client Sample ID :	MBDD06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:19:38	DataFile Name :	040SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.00	123.49	ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	61.47	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.01	76.34	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	17.44	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	20.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	6.13	5.34	5.57	8.75	ppb
Phosphorus	31-2	8.59	27.40	-9.49	8.83	208.87	ppb
Potassium	39-2	3401.65	3439.95	3470.18	3437.26	1.00	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	-0.51	1.65	3.11	1.42	128.47	ppb
Selenium	82-1	-0.27	0.70	-0.31	0.04	1415.38	ppb
Silicon	28-1	2064.66	2105.74	2113.29	2094.57	1.25	ppb
Silver	109-1	0.13	0.13	0.11	0.12	7.74	ppb
Silver	107-1	0.12	0.12	0.12	0.12	1.75	ppb
Sodium	23-2	92504.73	93717.54	92718.40	92980.22	0.70	ppb
Strontium	86-1	155.49	153.10	151.43	153.34	1.33	ppb
Strontium	88-1	157.56	156.07	154.90	156.18	0.86	ppb
Sulfur	34-1	8677.40	9052.22	8919.89	8883.17	2.14	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.07	0.07	0.07	9.99	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	1.71	ppb
Tin	118-1	0.08	0.07	0.09	0.08	11.33	ppb
Titanium	47-1	0.11	0.18	0.15	0.15	23.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	131.40	ppb
Vanadium	51-2	0.23	0.24	0.29	0.25	12.38	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	127.69	128.11	125.71	127.17	1.01	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	221.18	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-10	Instrumnet Name :	P8
Client Sample ID :	MBDD06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:19:38	DataFile Name :	040SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.02	0.01	122.15	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-11	Instrumnet Name :	P8
Client Sample ID :	MBDD08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:22:48	DataFile Name :	041SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.07	21.35	25.38	20.93	22.30	ppb
Antimony	121-1	0.20	0.18	0.22	0.20	11.09	ppb
Arsenic	75-2	0.32	0.43	0.23	0.33	31.20	ppb
Barium	135-1	79.24	78.89	78.55	78.89	0.44	ppb
Barium	137-1	79.15	78.91	79.95	79.34	0.69	ppb
Beryllium	9-1	0.00	0.01	0.04	0.02	96.70	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Boron	10-1	29.32	32.83	30.60	30.92	5.74	ppb
Boron	11-1	32.03	31.81	31.93	31.92	0.34	ppb
Cadmium	111-1	0.21	0.14	0.24	0.20	28.02	ppb
Cadmium	106-1	-0.25	-1.31	1.03	-0.18		ppb
Cadmium	108-1	0.38	0.19	0.33	0.30	32.45	ppb
Calcium	43-1	24841.30	24941.77	25165.27	24982.78	0.66	ppb
Calcium	44-1	25155.50	24997.76	25377.29	25176.85	0.76	ppb
Chromium	52-2	-0.07	-0.04	-0.17	-0.09		ppb
Cobalt	59-2	3.55	3.87	3.40	3.61	6.69	ppb
Copper	63-2	8.38	8.93	8.30	8.54	4.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	6.13	7.27	6.33	6.58	9.25	ppb
Iron	57-2	6.97	5.93	5.55	6.15	12.00	ppb
Lead	206-1	0.37	0.33	0.36	0.35	5.29	ppb
Lead	207-1	0.31	0.32	0.36	0.33	8.02	ppb
Lead	208-1	0.34	0.33	0.35	0.34	3.01	ppb
Lithium	6-1				118		%
Magnesium	24-2	6150.97	6900.15	6108.21	6386.45	6.97	ppb
Manganese	55-2	272.59	308.54	268.55	283.23	7.77	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-11	Instrumnet Name :	P8
Client Sample ID :	MBDD08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:22:48	DataFile Name :	041SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.02	0.01	21.61	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	44.02	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	54.78	ppb
Molybdenum	97-1	0.02	0.02	0.06	0.03	77.15	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	35.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.13	6.33	5.32	5.59	11.57	ppb
Phosphorus	31-2	-9.49	31.51	8.78	10.26	200.13	ppb
Potassium	39-2	3377.49	3774.60	3393.06	3515.05	6.40	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	0.21	0.31	1.69	0.74	111.76	ppb
Selenium	82-1	0.57	-0.19	-0.03	0.12	344.81	ppb
Silicon	28-1	2055.94	2046.67	2057.50	2053.37	0.29	ppb
Silver	109-1	0.09	0.11	0.10	0.10	9.18	ppb
Silver	107-1	0.11	0.12	0.11	0.11	4.23	ppb
Sodium	23-2	92531.06	103840.16	90739.04	95703.42	7.42	ppb
Strontium	86-1	151.73	150.39	150.13	150.75	0.57	ppb
Strontium	88-1	155.57	156.07	153.58	155.07	0.85	ppb
Sulfur	34-1	8449.24	8766.34	8817.38	8677.65	2.30	ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.05	0.09	0.07	28.03	ppb
Thallium	205-1	0.06	0.07	0.08	0.07	12.64	ppb
Tin	118-1	0.06	0.08	0.07	0.07	13.69	ppb
Titanium	47-1	0.08	0.11	0.12	0.10	17.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	166.64	ppb
Vanadium	51-2	0.32	0.30	0.24	0.29	15.22	ppb
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	112.83	129.81	109.30	117.31	9.35	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	39.01	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-11	Instrumnet Name :	P8
Client Sample ID :	MBDD08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:22:48	DataFile Name :	041SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	25.70	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-12	Instrumnet Name :	P8
Client Sample ID :	MBDD10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:25:58	DataFile Name :	042SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.13	13.89	17.48	17.50	20.67	ppb
Antimony	121-1	0.22	0.22	0.25	0.23	7.67	ppb
Arsenic	75-2	0.80	0.72	0.87	0.79	9.28	ppb
Barium	135-1	84.14	84.46	85.52	84.71	0.86	ppb
Barium	137-1	83.60	85.04	84.76	84.47	0.91	ppb
Beryllium	9-1	0.03	0.05	0.00	0.03	83.02	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Boron	10-1	36.55	34.30	32.50	34.45	5.89	ppb
Boron	11-1	32.93	34.14	35.62	34.23	3.93	ppb
Cadmium	111-1	0.08	0.12	0.13	0.11	26.50	ppb
Cadmium	106-1	-0.88	-0.56	-0.63	-0.69		ppb
Cadmium	108-1	0.19	0.23	0.14	0.19	21.75	ppb
Calcium	43-1	25904.44	25635.85	26366.13	25968.81	1.42	ppb
Calcium	44-1	25889.75	25853.37	26363.08	26035.40	1.09	ppb
Chromium	52-2	-0.21	-0.06	-0.18	-0.15		ppb
Cobalt	59-2	4.09	4.21	4.11	4.14	1.65	ppb
Copper	63-2	2.50	2.79	2.65	2.65	5.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	7.15	7.77	7.36	7.43	4.25	ppb
Iron	57-2	10.15	6.54	11.08	9.26	25.88	ppb
Lead	206-1	0.64	0.62	0.69	0.65	5.37	ppb
Lead	207-1	0.58	0.63	0.63	0.62	4.94	ppb
Lead	208-1	0.60	0.62	0.63	0.62	2.28	ppb
Lithium	6-1				116		%
Magnesium	24-2	6185.90	6347.98	6199.73	6244.53	1.44	ppb
Manganese	55-2	279.18	286.07	281.34	282.20	1.25	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-12	Instrumnet Name :	P8
Client Sample ID :	MBDD10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:25:58	DataFile Name :	042SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.01	0.01	43.42	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	39.58	ppb
Molybdenum	96-1	0.00	0.02	0.01	0.01	88.28	ppb
Molybdenum	97-1	0.04	0.02	0.01	0.02	58.50	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	43.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.74	14.60	14.10	14.48	2.32	ppb
Phosphorus	31-2	26.62	9.22	45.38	27.08	66.79	ppb
Potassium	39-2	3425.96	3545.91	3377.03	3449.64	2.52	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	0.22	1.69	0.23	0.71	118.77	ppb
Selenium	82-1	0.44	0.38	-0.24	0.19	198.09	ppb
Silicon	28-1	2161.41	2145.09	2159.04	2155.18	0.41	ppb
Silver	109-1	0.10	0.12	0.10	0.10	10.61	ppb
Silver	107-1	0.09	0.08	0.11	0.10	12.73	ppb
Sodium	23-2	91994.91	94141.40	92603.75	92913.36	1.19	ppb
Strontium	86-1	157.88	158.02	156.82	157.57	0.42	ppb
Strontium	88-1	161.78	160.12	159.01	160.30	0.87	ppb
Sulfur	34-1	9027.13	8839.62	9183.95	9016.90	1.91	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.10	0.09	0.09	0.09	5.37	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	6.08	ppb
Tin	118-1	0.04	0.01	0.04	0.03	56.64	ppb
Titanium	47-1	0.16	0.16	0.12	0.15	13.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	368.55	ppb
Vanadium	51-2	0.50	0.53	0.52	0.51	2.88	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	137.02	140.21	136.72	137.99	1.40	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	56.71	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-12	Instrumnet Name :	P8
Client Sample ID :	MBDD10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:25:58	DataFile Name :	042SMPL_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	81.86	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:29:08	DataFile Name :	043CCV_P8090117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49493.06	50268.93	49161.19	49641.06	1.15	ppb
Antimony	121-1	495.48	499.49	495.95	496.97	0.44	ppb
Arsenic	75-2	505.93	505.14	505.31	505.46	0.08	ppb
Barium	135-1	2509.91	2520.91	2514.13	2514.98	0.22	ppb
Barium	137-1	2500.53	2521.07	2513.84	2511.81	0.41	ppb
Beryllium	9-1	499.20	506.13	501.21	502.18	0.71	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	472.70	501.20	500.61	491.50	3.31	ppb
Boron	11-1	490.68	499.72	507.12	499.17	1.65	ppb
Cadmium	111-1	487.83	488.87	485.57	487.42	0.35	ppb
Cadmium	106-1	487.88	486.19	491.51	488.53	0.56	ppb
Cadmium	108-1	484.17	495.62	484.77	488.19	1.32	ppb
Calcium	43-1	242482.19	246628.15	240865.38	243325.24	1.22	ppb
Calcium	44-1	242454.12	245952.91	244482.38	244296.47	0.72	ppb
Chromium	52-2	507.71	510.98	501.94	506.88	0.90	ppb
Cobalt	59-2	494.61	498.12	488.52	493.75	0.98	ppb
Copper	63-2	992.98	1012.73	982.99	996.23	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	121492.41	123042.37	119671.13	121401.97	1.39	ppb
Iron	57-2	123863.63	123594.37	122327.66	123261.88	0.67	ppb
Lead	206-1	509.40	510.77	516.72	512.30	0.76	ppb
Lead	207-1	504.82	516.27	518.38	513.16	1.42	ppb
Lead	208-1	506.55	510.46	518.71	511.91	1.21	ppb
Lithium	6-1				102		%
Magnesium	24-2	244090.41	249025.55	244399.53	245838.49	1.12	ppb
Manganese	55-2	1012.20	1008.37	997.24	1005.93	0.77	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:29:08	DataFile Name :	043CCV_P8090117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	500.13	508.45	496.63	501.73	1.21	ppb
Molybdenum	95-1	501.99	510.19	503.46	505.21	0.87	ppb
Molybdenum	96-1	500.89	512.66	510.38	507.98	1.23	ppb
Molybdenum	97-1	499.66	504.50	504.64	502.93	0.56	ppb
Molybdenum	98-1	502.69	505.41	506.56	504.89	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.78	506.71	493.92	499.80	1.29	ppb
Phosphorus	31-2	10069.69	9921.52	9108.78	9700.00	5.33	ppb
Potassium	39-2	124503.84	124940.79	120830.01	123424.88	1.83	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	616.28	630.08	576.05	607.47	4.62	ppb
Selenium	78-2	532.86	505.17	528.35	522.12	2.85	ppb
Selenium	82-1	494.69	494.95	493.13	494.25	0.20	ppb
Silicon	28-1	527.85	551.18	532.19	537.07	2.31	ppb
Silver	109-1	458.57	462.16	456.69	459.14	0.60	ppb
Silver	107-1	459.11	464.09	455.60	459.60	0.93	ppb
Sodium	23-2	249807.47	250973.38	247938.82	249573.22	0.61	ppb
Strontium	86-1	502.78	511.86	504.60	506.41	0.95	ppb
Strontium	88-1	505.88	510.87	504.95	507.23	0.63	ppb
Sulfur	34-1	9999.84	10280.18	10017.11	10099.04	1.56	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	504.23	510.79	524.94	513.32	2.06	ppb
Thallium	205-1	497.57	510.92	515.40	507.96	1.83	ppb
Tin	118-1	505.10	503.45	497.56	502.04	0.79	ppb
Titanium	47-1	491.05	503.06	497.25	497.12	1.21	ppb
Uranium	238-1	506.11	504.66	521.56	510.78	1.83	ppb
Vanadium	51-2	509.19	515.05	505.51	509.92	0.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	935.78	953.16	930.68	939.87	1.25	ppb
Zirconium	90-1	494.31	499.61	498.14	497.35	0.55	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:29:08	DataFile Name :	043CCV_P8090117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.11	506.04	501.28	503.81	0.47	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:32:09	DataFile Name :	044CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.50	-0.88	-0.90	0.57	442.59	ppb
Antimony	121-1	0.45	0.40	0.38	0.41	8.64	ppb
Arsenic	75-2	0.03	0.02	0.01	0.02	53.34	ppb
Barium	135-1	0.03	0.01	0.01	0.02	52.05	ppb
Barium	137-1	0.02	0.00	0.00	0.01	150.25	ppb
Beryllium	9-1	0.04	0.08	0.04	0.05	41.78	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	10.16	10.05	11.07	10.43	5.35	ppb
Boron	11-1	10.36	9.65	9.42	9.81	5.02	ppb
Cadmium	111-1	0.02	-0.01	-0.05	-0.01		ppb
Cadmium	106-1	-0.31	-0.93	-1.11	-0.78		ppb
Cadmium	108-1	-0.04	0.04	-0.07	-0.02		ppb
Calcium	43-1	-13.80	-18.39	-18.59	-16.93		ppb
Calcium	44-1	4.39	2.80	2.72	3.30	28.49	ppb
Chromium	52-2	0.03	-0.04	-0.12	-0.04		ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.11	0.12	0.14	0.12	10.88	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				108		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	1.71	1.41	1.25	1.46	16.05	ppb
Iron	57-2	0.07	1.64	1.14	0.95	84.41	ppb
Lead	206-1	0.05	0.02	0.02	0.03	52.65	ppb
Lead	207-1	0.03	0.04	0.02	0.03	32.82	ppb
Lead	208-1	0.03	0.02	0.02	0.03	21.30	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.12	1.35	-1.28	0.40	367.41	ppb
Manganese	55-2	0.02	0.07	-0.07	0.00	1537.92	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:32:09	DataFile Name :	044CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.06	0.05	0.05	11.84	ppb
Molybdenum	95-1	0.04	0.03	0.06	0.04	30.11	ppb
Molybdenum	96-1	0.07	0.06	0.05	0.06	22.13	ppb
Molybdenum	97-1	0.04	0.07	0.03	0.05	44.19	ppb
Molybdenum	98-1	0.07	0.05	0.05	0.06	19.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.10	0.02	0.05	71.30	ppb
Phosphorus	31-2	-9.49	-9.49	29.76	3.59	631.16	ppb
Potassium	39-2	14.21	13.28	-6.17	7.11	161.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	82-1	0.20	-0.47	-0.09	-0.12		ppb
Silicon	28-1	-5.16	-8.53	-6.91	-6.87		ppb
Silver	109-1	0.05	0.05	0.05	0.05	5.72	ppb
Silver	107-1	0.07	0.06	0.05	0.06	13.17	ppb
Sodium	23-2	60.47	53.19	54.07	55.91	7.10	ppb
Strontium	86-1	-0.01	0.02	0.05	0.02	124.08	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-914.37	-958.78	-782.42	-885.19		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.05	0.04	0.04	24.40	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.47	ppb
Tin	118-1	0.19	0.19	0.18	0.19	4.01	ppb
Titanium	47-1	0.02	0.01	-0.02	0.00	1106.70	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.88	ppb
Vanadium	51-2	0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	0.01	0.18	0.12	0.10	83.30	ppb
Zirconium	90-1	0.03	0.05	0.03	0.04	24.51	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:32:09	DataFile Name :	044CCBE_P8090117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.05	0.03	29.50	ppb

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:22:25	DataFile Name :	003CALB_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	25	14	91.65	cps
Antimony	121-1	92	83	33	69	45.44	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	42	58	17	39	53.93	cps
Barium	137-1	33	50	58	47	26.97	cps
Beryllium	9-1	122	94	133	117	17.17	cps
Bismuth	209-1	4944531	5010139	5122673	5025781	1.79	cps
Bismuth	209-2	1533666	1531105	1524441	1529737	0.31	cps
Boron	10-1	150	83	175	136	34.81	cps
Boron	11-1	617	525	342	494	28.32	cps
Cadmium	111-1	941	1113	1018	1024	8.42	cps
Cadmium	106-1	1350	1592	1450	1464	8.29	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	2117	1900	1667	1895	11.88	cps
Calcium	44-1	29732	29657	29440	29610	0.51	cps
Chromium	52-2	673	700	710	694	2.73	cps
Cobalt	59-2	20	77	37	44	65.53	cps
Copper	63-2	167	127	177	157	16.89	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	17	17	58	31	78.72	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	92	25	75	64	54.31	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	8172111	8489118	8517092	8392774	2.28	cps
Holmium	165-2	1956596	1968301	1942538	1955812	0.66	cps
Indium	115-1	7166220	7422470	7469346	7352679	2.22	cps
Indium	115-2	332521	325213	327406	328380	1.14	cps
Iron	56-2	1850	1884	1878	1871	0.96	cps
Iron	57-2	83	61	44	63	30.99	cps
Lead	206-1	522	667	567	585	12.64	cps
Lead	207-1	506	550	556	537	5.10	cps
Lead	208-1	2200	2495	2350	2348	6.27	cps
Lithium	6-1	993176	1000017	1038811	1010668	2.44	cps
Magnesium	24-2	125	208	142	158	27.85	cps
Manganese	55-2	53	53	67	58	13.33	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:22:25	DataFile Name :	003CALB_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	225	175	181	23.23	cps
Molybdenum	95-1	50	17	25	31	56.77	cps
Molybdenum	96-1	142	67	150	119	38.42	cps
Molybdenum	97-1	67	50	58	58	14.29	cps
Molybdenum	98-1	42	50	67	53	24.12	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	80	73	88	22.25	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2567	2667	2750	2661	3.45	cps
Rhodium	103-1	6700085	6918671	6934958	6851238	1.91	cps
Rhodium	103-2	1865696	1835827	1819350	1840291	1.28	cps
Scandium	45-1	4045204	4105958	4167709	4106290	1.49	cps
Scandium	45-2	33296	33894	33687	33626	0.90	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-86	-9	10	-28	-181.36	cps
Silicon	28-1	405527	407819	403212	405519	0.57	cps
Silver	109-1	58	67	58	61	7.87	cps
Silver	107-1	92	92	42	75	38.49	cps
Sodium	23-2	3117	3284	2825	3075	7.55	cps
Strontium	86-1	808	883	808	833	5.20	cps
Strontium	88-1	225	275	267	256	10.48	cps
Sulfur	34-1	368811	370969	372412	370730	0.49	cps
Terbium	159-1	8587732	8852109	8899829	8779890	1.91	cps
Terbium	159-2	1912115	1935350	1868510	1905325	1.78	cps
Thallium	203-1	158	117	83	119	31.46	cps
Thallium	205-1	200	158	200	186	12.93	cps
Tin	118-1	733	667	600	667	10.00	cps
Titanium	47-1	108	83	183	125	41.63	cps
Uranium	238-1	67	50	83	67	25.00	cps
Vanadium	51-2	10	20	10	13	43.30	cps
Yttrium	89-1	7583574	7822665	7945380	7783873	2.36	cps
Yttrium	89-2	239812	236609	236647	237689	0.77	cps
Zinc	66-2	70	47	47	54	24.74	cps
Zirconium	90-1	458	467	600	508	15.64	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:22:25	DataFile Name :	003CALB_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	75	117	100	22.05	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:29:31	DataFile Name :	005CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	108	183	144	26.01	cps
Antimony	121-1	17070	16811	17237	17039	1.26	cps
Arsenic	75-2	102	102	83	96	11.18	cps
Barium	135-1	17245	16761	16920	16975	1.45	cps
Barium	137-1	30127	29100	28925	29384	2.21	cps
Beryllium	9-1	1206	1245	1028	1159	9.96	cps
Bismuth	209-1	4936751	4964143	4999417	4966771	0.63	cps
Bismuth	209-2	1528836	1537349	1523027	1529737	0.47	cps
Boron	10-1	3075	3284	3050	3137	4.09	cps
Boron	11-1	13999	14041	14425	14155	1.66	cps
Cadmium	111-1	2978	2737	2930	2882	4.42	cps
Cadmium	106-1	1734	1667	1767	1722	2.96	cps
Cadmium	108-1	158	150	129	146	10.30	cps
Calcium	43-1	10821	10805	10421	10682	2.12	cps
Calcium	44-1	174563	172750	174770	174028	0.64	cps
Chromium	52-2	2450	2604	2380	2478	4.61	cps
Cobalt	59-2	1733	1747	1530	1670	7.27	cps
Copper	63-2	3531	3294	3284	3369	4.14	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	75	92	33	67	45.07	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	8424730	8432528	8475977	8444411	0.33	cps
Holmium	165-2	1978243	1990056	1972123	1980141	0.46	cps
Indium	115-1	7487911	7379240	7442344	7436498	0.73	cps
Indium	115-2	332406	332569	329708	331561	0.48	cps
Iron	56-2	28296	27856	28196	28116	0.82	cps
Iron	57-2	683	694	756	711	5.47	cps
Lead	206-1	6029	5974	5790	5931	2.11	cps
Lead	207-1	5474	5668	5123	5422	5.09	cps
Lead	208-1	24543	24154	23426	24041	2.36	cps
Lithium	6-1	1025703	1024501	1029545	1026583	0.26	cps
Magnesium	24-2	13824	13699	13165	13563	2.58	cps
Manganese	55-2	287	303	267	286	6.43	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:29:31	DataFile Name :	005CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14433	14767	13991	14397	2.70	cps
Molybdenum	95-1	17086	17946	17670	17568	2.50	cps
Molybdenum	96-1	19314	19540	20374	19743	2.83	cps
Molybdenum	97-1	11297	11330	11047	11225	1.38	cps
Molybdenum	98-1	28364	28573	27788	28242	1.44	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	563	687	733	661	13.29	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	10413	10930	10354	10566	3.00	cps
Rhodium	103-1	7029440	6898139	6823796	6917125	1.51	cps
Rhodium	103-2	1855309	1853549	1856563	1855140	0.08	cps
Scandium	45-1	4178252	4226098	4239202	4214517	0.76	cps
Scandium	45-2	34295	34312	34452	34353	0.25	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	13	11	26	17	48.45	cps
Selenium	82-1	578	550	652	593	8.81	cps
Silicon	28-1	442965	446851	444438	444751	0.44	cps
Silver	109-1	10913	11213	12164	11430	5.71	cps
Silver	107-1	12281	11998	11939	12073	1.52	cps
Sodium	23-2	37342	37509	37217	37356	0.39	cps
Strontium	86-1	3217	3301	3251	3256	1.29	cps
Strontium	88-1	20600	21351	20508	20820	2.22	cps
Sulfur	34-1	370914	370035	369026	369991	0.26	cps
Terbium	159-1	8937164	8870572	8903419	8903718	0.37	cps
Terbium	159-2	1938901	1939450	1918542	1932298	0.62	cps
Thallium	203-1	5868	6077	5668	5871	3.48	cps
Thallium	205-1	14392	13500	14342	14078	3.56	cps
Tin	118-1	29492	29041	28891	29141	1.07	cps
Titanium	47-1	4584	4901	5285	4923	7.12	cps
Uranium	238-1	17747	17046	16603	17132	3.37	cps
Vanadium	51-2	2867	2927	3124	2973	4.52	cps
Yttrium	89-1	7899214	7904823	7844631	7882889	0.42	cps
Yttrium	89-2	241685	241773	241004	241487	0.17	cps
Zinc	66-2	390	303	317	337	13.86	cps
Zirconium	90-1	12465	13074	11605	12381	5.96	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:29:31	DataFile Name :	005CALS_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2600	3034	2942	2859	7.99	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:32:59	DataFile Name :	006CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5735	5952	6385	6024	5.50	cps
Antimony	121-1	486584	490761	486802	488049	0.48	cps
Arsenic	75-2	5596	5520	5359	5491	2.20	cps
Barium	135-1	500823	508995	511284	507034	1.08	cps
Barium	137-1	873604	884015	878533	878718	0.59	cps
Beryllium	9-1	63111	64042	63189	63447	0.81	cps
Bismuth	209-1	5246605	5201981	5237466	5228684	0.45	cps
Bismuth	209-2	1603819	1602306	1599657	1601927	0.13	cps
Boron	10-1	7219	7085	7152	7152	0.93	cps
Boron	11-1	33365	33766	35018	34050	2.53	cps
Cadmium	111-1	110017	108528	110827	109791	1.06	cps
Cadmium	106-1	12923	12723	12940	12862	0.94	cps
Cadmium	108-1	7786	7456	7732	7658	2.31	cps
Calcium	43-1	105696	104799	105209	105235	0.43	cps
Calcium	44-1	1746353	1752059	1721726	1740046	0.93	cps
Chromium	52-2	46487	46226	46511	46408	0.34	cps
Cobalt	59-2	98307	99126	99861	99098	0.78	cps
Copper	63-2	171884	173147	172614	172549	0.37	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	58	92	33	61	47.88	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	8803645	8742300	8814422	8786789	0.44	cps
Holmium	165-2	2030775	2026238	2056778	2037930	0.81	cps
Indium	115-1	7793557	7664626	7746642	7734942	0.84	cps
Indium	115-2	340105	341546	341647	341099	0.25	cps
Iron	56-2	1572398	1540339	1553548	1555428	1.04	cps
Iron	57-2	38637	38637	39997	39091	2.01	cps
Lead	206-1	269986	265833	269265	268361	0.83	cps
Lead	207-1	240978	239331	243138	241149	0.79	cps
Lead	208-1	1091551	1080448	1095620	1089207	0.72	cps
Lithium	6-1	1049320	1060435	1083678	1064478	1.65	cps
Magnesium	24-2	157420	159021	160184	158875	0.87	cps
Manganese	55-2	25330	24929	25347	25202	0.94	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:32:59	DataFile Name :	006CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	393350	392093	391510	392318	0.24	cps
Molybdenum	95-1	212060	208893	208730	209895	0.89	cps
Molybdenum	96-1	268848	265784	265216	266616	0.73	cps
Molybdenum	97-1	129069	129673	127446	128729	0.89	cps
Molybdenum	98-1	334091	336800	332518	334469	0.65	cps
Neodymium	150-1	33	7	27	22	62.43	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30243	29431	30009	29895	1.40	cps
Phosphorus	31-2	500	525	383	469	16.11	cps
Potassium	39-2	47983	49705	48535	48741	1.80	cps
Rhodium	103-1	7129606	7137769	7054423	7107266	0.65	cps
Rhodium	103-2	1876505	1885741	1910023	1890756	0.92	cps
Scandium	45-1	4322741	4332519	4373311	4342857	0.62	cps
Scandium	45-2	35582	34713	34753	35016	1.40	cps
Selenium	77-2	37	30	50	39	26.18	cps
Selenium	78-2	156	146	144	149	4.00	cps
Selenium	82-1	6679	6696	6710	6695	0.23	cps
Silicon	28-1	656332	653455	660195	656660	0.52	cps
Silver	109-1	504892	500554	504679	503375	0.49	cps
Silver	107-1	535161	527247	525105	529171	1.00	cps
Sodium	23-2	395535	391675	399083	395431	0.94	cps
Strontium	86-1	139936	138386	140069	139464	0.67	cps
Strontium	88-1	1191766	1197206	1201081	1196684	0.39	cps
Sulfur	34-1	415479	412977	411081	413179	0.53	cps
Terbium	159-1	9320567	9213239	9167160	9233655	0.85	cps
Terbium	159-2	2003078	2007468	1954479	1988341	1.48	cps
Thallium	203-1	329490	332881	336479	332950	1.05	cps
Thallium	205-1	785116	794371	793999	791162	0.66	cps
Tin	118-1	343785	341525	342460	342590	0.33	cps
Titanium	47-1	56030	55812	54834	55558	1.15	cps
Uranium	238-1	989057	991981	989930	990323	0.15	cps
Vanadium	51-2	34626	33313	33597	33845	2.04	cps
Yttrium	89-1	8113365	8113656	8231968	8152996	0.84	cps
Yttrium	89-2	247286	247599	250185	248357	0.64	cps
Zinc	66-2	14908	15055	14458	14807	2.10	cps
Zirconium	90-1	741669	749311	751937	747639	0.71	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:32:59	DataFile Name :	006CALS_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	165824	167081	165715	166207	0.46	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:36:32	DataFile Name :	007CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16060	15042	14967	15356	3.98	cps
Antimony	121-1	1230763	1248999	1243946	1241236	0.76	cps
Arsenic	75-2	13397	13609	13683	13563	1.09	cps
Barium	135-1	1261432	1289531	1279554	1276839	1.12	cps
Barium	137-1	2200407	2260322	2273508	2244746	1.74	cps
Beryllium	9-1	158091	159198	158226	158505	0.38	cps
Bismuth	209-1	5290841	5302646	5340727	5311405	0.49	cps
Bismuth	209-2	1517542	1571353	1608196	1565697	2.91	cps
Boron	10-1	18146	18171	19155	18490	3.11	cps
Boron	11-1	83392	85689	85253	84778	1.44	cps
Cadmium	111-1	270100	274582	270228	271637	0.94	cps
Cadmium	106-1	29366	29375	29726	29489	0.70	cps
Cadmium	108-1	19168	18813	19648	19210	2.18	cps
Calcium	43-1	263771	261250	259153	261391	0.88	cps
Calcium	44-1	4252186	4249622	4233723	4245177	0.24	cps
Chromium	52-2	114514	115633	115098	115082	0.49	cps
Cobalt	59-2	246778	248515	247139	247478	0.37	cps
Copper	63-2	427969	430075	428875	428973	0.25	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	33	33	0.02	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	58	25	67	50	44.10	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	8970398	9066463	9023660	9020174	0.53	cps
Holmium	165-2	1955867	2007743	2042665	2002092	2.18	cps
Indium	115-1	7653875	7826022	7779012	7752970	1.15	cps
Indium	115-2	321620	334124	340128	331958	2.84	cps
Iron	56-2	3852113	3835882	3810951	3832982	0.54	cps
Iron	57-2	96728	96499	95537	96254	0.66	cps
Lead	206-1	682297	692532	677635	684155	1.11	cps
Lead	207-1	616005	619209	617658	617624	0.26	cps
Lead	208-1	2781436	2790215	2769843	2780498	0.37	cps
Lithium	6-1	1055291	1070111	1069178	1064860	0.78	cps
Magnesium	24-2	400898	403366	398291	400852	0.63	cps
Manganese	55-2	62794	62221	62971	62662	0.63	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:36:32	DataFile Name :	007CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	974457	986911	999584	986984	1.27	cps
Molybdenum	95-1	521630	524612	524963	523735	0.35	cps
Molybdenum	96-1	673238	673004	672701	672981	0.04	cps
Molybdenum	97-1	327692	326899	325627	326739	0.32	cps
Molybdenum	98-1	837952	843620	844683	842085	0.43	cps
Neodymium	150-1	73	40	47	53	33.08	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	73791	72210	73650	73217	1.20	cps
Phosphorus	31-2	1292	1233	1142	1222	6.19	cps
Potassium	39-2	119613	116235	116688	117512	1.56	cps
Rhodium	103-1	7033573	7075847	7165695	7091705	0.95	cps
Rhodium	103-2	1800429	1853579	1882925	1845644	2.27	cps
Scandium	45-1	4299566	4336163	4317183	4317638	0.42	cps
Scandium	45-2	33230	35054	35625	34636	3.61	cps
Selenium	77-2	73	107	110	97	20.98	cps
Selenium	78-2	294	298	304	299	1.56	cps
Selenium	82-1	16792	16974	16888	16885	0.54	cps
Silicon	28-1	884426	891611	902402	892813	1.01	cps
Silver	109-1	1253017	1253248	1265892	1257386	0.59	cps
Silver	107-1	1311977	1327140	1328982	1322700	0.71	cps
Sodium	23-2	984936	986880	981149	984322	0.30	cps
Strontium	86-1	351417	347219	348110	348915	0.63	cps
Strontium	88-1	2987660	3008348	3019691	3005233	0.54	cps
Sulfur	34-1	458346	457082	455629	457019	0.30	cps
Terbium	159-1	9411513	9338061	9372899	9374158	0.39	cps
Terbium	159-2	1902861	1974845	1986306	1954671	2.31	cps
Thallium	203-1	848041	861791	852029	853954	0.83	cps
Thallium	205-1	2064093	2076632	2021933	2054219	1.39	cps
Tin	118-1	858310	876078	879444	871277	1.30	cps
Titanium	47-1	137065	138630	137695	137796	0.57	cps
Uranium	238-1	2580630	2610228	2570365	2587075	0.80	cps
Vanadium	51-2	84972	84882	84708	84854	0.16	cps
Yttrium	89-1	8192388	8194364	8276061	8220938	0.58	cps
Yttrium	89-2	233928	242912	250775	242538	3.48	cps
Zinc	66-2	37090	37979	37888	37652	1.30	cps
Zirconium	90-1	1914147	1909402	1926992	1916847	0.47	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:36:32	DataFile Name :	007CALS_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417913	418380	420221	418838	0.29	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:39:56	DataFile Name :	008CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30625	31285	30935	30948	1.07	cps
Antimony	121-1	2500522	2536167	2529047	2521912	0.75	cps
Arsenic	75-2	26793	26952	27058	26934	0.50	cps
Barium	135-1	2545708	2571432	2619637	2578926	1.46	cps
Barium	137-1	4418401	4489089	4518127	4475206	1.15	cps
Beryllium	9-1	311828	313978	313273	313026	0.35	cps
Bismuth	209-1	5365277	5389063	5401773	5385371	0.34	cps
Bismuth	209-2	1605296	1605487	1607649	1606144	0.08	cps
Boron	10-1	36464	36447	37575	36829	1.75	cps
Boron	11-1	169170	171885	171522	170859	0.86	cps
Cadmium	111-1	543836	544380	547449	545222	0.36	cps
Cadmium	106-1	57407	57047	56361	56938	0.93	cps
Cadmium	108-1	37394	37970	38505	37956	1.46	cps
Calcium	43-1	513132	514470	518115	515239	0.50	cps
Calcium	44-1	8381731	8323845	8484816	8396797	0.97	cps
Chromium	52-2	226113	226175	226983	226424	0.21	cps
Cobalt	59-2	488245	483595	488214	486685	0.55	cps
Copper	63-2	852336	847996	851804	850712	0.28	cps
Dysprosium	156-1	83	83	108	92	15.74	cps
Dysprosium	156-2	17	3	17	12	63.01	cps
Erbium	164-1	92	50	75	72	29.04	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	125	117	75	106	25.38	cps
Gadolinium	160-2	10	13	27	17	52.93	cps
Holmium	165-1	9057252	9155485	9264452	9159063	1.13	cps
Holmium	165-2	2043136	2051120	2056960	2050405	0.34	cps
Indium	115-1	7640345	7778326	7707835	7708835	0.90	cps
Indium	115-2	334092	333079	333540	333571	0.15	cps
Iron	56-2	7490732	7459609	7600039	7516793	0.98	cps
Iron	57-2	191057	188597	192022	190559	0.93	cps
Lead	206-1	1381270	1397396	1401089	1393252	0.76	cps
Lead	207-1	1239612	1255817	1270647	1255359	1.24	cps
Lead	208-1	5682638	5715501	5832161	5743433	1.37	cps
Lithium	6-1	1046388	1067228	1085753	1066456	1.85	cps
Magnesium	24-2	793560	800655	798466	797560	0.46	cps
Manganese	55-2	123043	122511	122676	122743	0.22	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:39:56	DataFile Name :	008CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1978767	1999901	2000986	1993218	0.63	cps
Molybdenum	95-1	1034605	1049930	1061574	1048703	1.29	cps
Molybdenum	96-1	1336410	1351774	1365004	1351063	1.06	cps
Molybdenum	97-1	648216	656966	657751	654311	0.81	cps
Molybdenum	98-1	1726117	1716379	1727296	1723264	0.35	cps
Neodymium	150-1	180	107	133	140	26.51	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	144120	143234	143349	143568	0.34	cps
Phosphorus	31-2	2125	2334	2267	2242	4.75	cps
Potassium	39-2	232310	232102	234771	233061	0.64	cps
Rhodium	103-1	7058720	7099896	7135247	7097954	0.54	cps
Rhodium	103-2	1863224	1877013	1856845	1865694	0.55	cps
Scandium	45-1	4283738	4317927	4347746	4316470	0.74	cps
Scandium	45-2	35542	35291	34539	35124	1.49	cps
Selenium	77-2	217	167	177	187	14.17	cps
Selenium	78-2	646	624	657	643	2.64	cps
Selenium	82-1	32925	33807	33483	33405	1.34	cps
Silicon	28-1	1349623	1359427	1348473	1352508	0.45	cps
Silver	109-1	2592447	2593124	2597045	2594205	0.10	cps
Silver	107-1	2678559	2666406	2714534	2686500	0.93	cps
Sodium	23-2	1963983	1979701	1997756	1980480	0.85	cps
Strontium	86-1	689920	695094	694530	693182	0.41	cps
Strontium	88-1	5938835	5932386	5986153	5952458	0.49	cps
Sulfur	34-1	523408	529783	524538	525910	0.65	cps
Terbium	159-1	9443647	9713944	9582555	9580049	1.41	cps
Terbium	159-2	1983464	1976801	2010849	1990371	0.91	cps
Thallium	203-1	1764864	1787123	1780791	1777593	0.65	cps
Thallium	205-1	4141773	4212506	4151208	4168496	0.92	cps
Tin	118-1	1725915	1759421	1772429	1752588	1.37	cps
Titanium	47-1	273898	274686	276801	275129	0.55	cps
Uranium	238-1	5228120	5279289	5252972	5253460	0.49	cps
Vanadium	51-2	166938	167838	168270	167682	0.41	cps
Yttrium	89-1	8271121	8191284	8175359	8212588	0.62	cps
Yttrium	89-2	245814	245114	248587	246505	0.75	cps
Zinc	66-2	74023	74318	73591	73977	0.49	cps
Zirconium	90-1	3750197	3786658	3850409	3795755	1.34	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:39:56	DataFile Name :	008CALS_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	832288	830626	839973	834296	0.60	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:43:14	DataFile Name :	009CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59744	58640	58437	58940	1.19	cps
Antimony	121-1	5081668	5134857	5110329	5108951	0.52	cps
Arsenic	75-2	51246	51313	51159	51240	0.15	cps
Barium	135-1	5289518	5302443	5332148	5308036	0.41	cps
Barium	137-1	9145753	9126013	9164168	9145311	0.21	cps
Beryllium	9-1	634518	633337	632615	633490	0.15	cps
Bismuth	209-1	5671583	5760761	5709853	5714066	0.78	cps
Bismuth	209-2	1543080	1540263	1567945	1550429	0.98	cps
Boron	10-1	74142	73145	75709	74332	1.74	cps
Boron	11-1	342080	349487	351649	347739	1.44	cps
Cadmium	111-1	1100327	1104109	1096226	1100221	0.36	cps
Cadmium	106-1	113273	114920	112415	113536	1.12	cps
Cadmium	108-1	77131	76859	77057	77016	0.18	cps
Calcium	43-1	1023881	1024871	1030767	1026506	0.36	cps
Calcium	44-1	16667901	16735540	16598606	16667349	0.41	cps
Chromium	52-2	428765	426003	431518	428762	0.64	cps
Cobalt	59-2	922510	923634	928286	924810	0.33	cps
Copper	63-2	1633715	1608334	1622043	1621364	0.78	cps
Dysprosium	156-1	125	108	108	114	8.45	cps
Dysprosium	156-2	17	17	20	18	10.81	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	183	150	75	136	40.77	cps
Gadolinium	160-2	30	23	30	28	13.86	cps
Holmium	165-1	9467908	9552965	9631812	9550895	0.86	cps
Holmium	165-2	1983885	1984370	1993210	1987155	0.26	cps
Indium	115-1	7852259	7933575	7812787	7866207	0.78	cps
Indium	115-2	312387	314910	318084	315127	0.91	cps
Iron	56-2	14252060	14312340	14318381	14294260	0.26	cps
Iron	57-2	361024	360055	364898	361992	0.71	cps
Lead	206-1	2979409	3022947	2993799	2998718	0.74	cps
Lead	207-1	2707467	2719381	2764389	2730412	1.10	cps
Lead	208-1	12083270	12229344	12226769	12179794	0.69	cps
Lithium	6-1	1085953	1082184	1068552	1078897	0.85	cps
Magnesium	24-2	1552954	1540078	1560138	1551057	0.66	cps
Manganese	55-2	230131	232390	232944	231822	0.64	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:43:14	DataFile Name :	009CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3967988	4040551	4016821	4008453	0.92	cps
Molybdenum	95-1	2191689	2192342	2207883	2197304	0.42	cps
Molybdenum	96-1	2762448	2776917	2788264	2775876	0.47	cps
Molybdenum	97-1	1315519	1329416	1334102	1326345	0.73	cps
Molybdenum	98-1	3492759	3414067	3447630	3451485	1.14	cps
Neodymium	150-1	273	200	200	224	18.86	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	272756	274186	275026	273989	0.42	cps
Phosphorus	31-2	4684	4718	4242	4548	5.83	cps
Potassium	39-2	435290	439157	441231	438560	0.69	cps
Rhodium	103-1	7159563	7164003	7139154	7154240	0.19	cps
Rhodium	103-2	1785230	1782040	1822160	1796477	1.24	cps
Scandium	45-1	4337141	4336046	4342289	4338492	0.08	cps
Scandium	45-2	32932	34272	33961	33722	2.08	cps
Selenium	77-2	303	363	290	319	12.25	cps
Selenium	78-2	1269	1207	1152	1209	4.83	cps
Selenium	82-1	66715	66952	67319	66995	0.45	cps
Silicon	28-1	2265000	2269975	2297001	2277325	0.76	cps
Silver	109-1	5177916	5220049	5152076	5183347	0.66	cps
Silver	107-1	5378096	5373916	5319690	5357234	0.61	cps
Sodium	23-2	3769713	3771097	3849442	3796750	1.20	cps
Strontium	86-1	1380545	1400240	1404003	1394929	0.90	cps
Strontium	88-1	11925615	11891450	11977121	11931395	0.36	cps
Sulfur	34-1	671589	678967	677393	675983	0.57	cps
Terbium	159-1	9845885	9977014	10011950	9944950	0.88	cps
Terbium	159-2	1935035	1938714	1937119	1936956	0.10	cps
Thallium	203-1	3683557	3686827	3698336	3689574	0.21	cps
Thallium	205-1	8579366	8720552	8697122	8665680	0.87	cps
Tin	118-1	3588376	3610868	3576011	3591752	0.49	cps
Titanium	47-1	552632	545867	551017	549839	0.64	cps
Uranium	238-1	11042420	11185005	11149527	11125650	0.67	cps
Vanadium	51-2	319571	320498	326652	322240	1.19	cps
Yttrium	89-1	8422299	8318062	8306012	8348791	0.77	cps
Yttrium	89-2	232299	232346	234549	233065	0.55	cps
Zinc	66-2	140119	138459	140756	139778	0.85	cps
Zirconium	90-1	7710133	7634155	7600587	7648292	0.73	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:43:14	DataFile Name :	009CALS_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1696044	1716728	1714110	1708961	0.66	cps

LB Number : LB89864 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 16:46:26 DataFile Name : 010CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119148	121500	121290	120646	1.08	cps
Antimony	121-1	10116669	10181719	10135577	10144655	0.33	cps
Arsenic	75-2	104090	104795	104648	104511	0.36	cps
Barium	135-1	10575720	10606512	10560958	10581063	0.22	cps
Barium	137-1	18494144	18468728	18406427	18456433	0.24	cps
Beryllium	9-1	1265928	1263718	1259360	1263002	0.26	cps
Bismuth	209-1	5503190	5763028	5774305	5680174	2.70	cps
Bismuth	209-2	1570331	1567936	1571535	1569934	0.12	cps
Boron	10-1	145187	153183	152098	150156	2.89	cps
Boron	11-1	681611	696532	699297	692480	1.37	cps
Cadmium	111-1	2164558	2206445	2192226	2187743	0.97	cps
Cadmium	106-1	222335	224302	226245	224294	0.87	cps
Cadmium	108-1	153997	151695	152880	152858	0.75	cps
Calcium	43-1	2090507	2049762	2045190	2061820	1.21	cps
Calcium	44-1	33339948	33323241	33494790	33385993	0.28	cps
Chromium	52-2	867956	873802	879946	873902	0.69	cps
Cobalt	59-2	1927540	1930508	1914275	1924108	0.45	cps
Copper	63-2	3269016	3253507	3263576	3262033	0.24	cps
Dysprosium	156-1	258	400	208	289	34.41	cps
Dysprosium	156-2	43	27	37	36	23.58	cps
Erbium	164-1	75	125	133	111	28.40	cps
Erbium	164-2	20	23	30	24	20.83	cps
Gadolinium	160-1	267	208	292	256	16.74	cps
Gadolinium	160-2	67	33	43	48	35.81	cps
Holmium	165-1	9388874	9596458	9624223	9536518	1.35	cps
Holmium	165-2	2038272	2038467	2025322	2034020	0.37	cps
Indium	115-1	7488550	7730637	7775098	7664762	2.01	cps
Indium	115-2	312901	311335	313807	312681	0.40	cps
Iron	56-2	29484553	29100627	29376405	29320528	0.68	cps
Iron	57-2	735942	743209	744634	741262	0.63	cps
Lead	206-1	5895725	5949840	5949470	5931678	0.52	cps
Lead	207-1	5404688	5378608	5365609	5382968	0.37	cps
Lead	208-1	24140527	24131268	24332559	24201451	0.47	cps
Lithium	6-1	1041695	1067649	1089931	1066425	2.26	cps
Magnesium	24-2	3105090	3150605	3154181	3136625	0.87	cps
Manganese	55-2	471397	474434	473939	473257	0.34	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:46:26	DataFile Name :	010CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7922848	7989905	8023105	7978619	0.64	cps
Molybdenum	95-1	4346162	4346656	4301045	4331288	0.60	cps
Molybdenum	96-1	5536109	5600010	5503286	5546468	0.89	cps
Molybdenum	97-1	2644770	2664815	2685480	2665022	0.76	cps
Molybdenum	98-1	6866984	6901966	6883265	6884072	0.25	cps
Neodymium	150-1	407	493	447	449	9.66	cps
Neodymium	150-2	27	40	40	36	21.64	cps
Nickel	60-2	546392	545975	550663	547677	0.47	cps
Phosphorus	31-2	8895	8803	8937	8878	0.77	cps
Potassium	39-2	883927	887445	890535	887302	0.37	cps
Rhodium	103-1	6780446	7046710	7055961	6961039	2.25	cps
Rhodium	103-2	1798599	1786029	1809004	1797877	0.64	cps
Scandium	45-1	4202647	4297778	4286471	4262299	1.22	cps
Scandium	45-2	34523	34950	35000	34824	0.75	cps
Selenium	77-2	603	733	667	668	9.74	cps
Selenium	78-2	2437	2443	2361	2414	1.89	cps
Selenium	82-1	133697	131967	132433	132699	0.67	cps
Silicon	28-1	3974676	3944959	3909143	3942926	0.83	cps
Silver	109-1	11128578	11093435	11097781	11106598	0.17	cps
Silver	107-1	11669835	11535784	11490781	11565467	0.81	cps
Sodium	23-2	7629896	7563999	7627228	7607041	0.49	cps
Strontium	86-1	2806210	2793587	2755854	2785217	0.94	cps
Strontium	88-1	23886314	23736149	23920859	23847774	0.41	cps
Sulfur	34-1	996708	991760	991102	993190	0.31	cps
Terbium	159-1	9803300	10027357	10129123	9986593	1.67	cps
Terbium	159-2	1964005	1963188	1986927	1971373	0.68	cps
Thallium	203-1	7403539	7357223	7353860	7371540	0.38	cps
Thallium	205-1	17454377	17407179	17377427	17412994	0.22	cps
Tin	118-1	7086863	7037146	7082223	7068744	0.39	cps
Titanium	47-1	1106716	1096995	1094417	1099376	0.59	cps
Uranium	238-1	22679160	22619941	22758587	22685896	0.31	cps
Vanadium	51-2	658219	655934	664667	659607	0.69	cps
Yttrium	89-1	7987672	8181356	8298989	8156006	1.93	cps
Yttrium	89-2	237228	236171	236292	236564	0.24	cps
Zinc	66-2	296249	295624	296880	296251	0.21	cps
Zirconium	90-1	15358831	15342406	15338453	15346563	0.07	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:46:26	DataFile Name :	010CALS_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3423460	3413024	3412628	3416371	0.18	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:49:36	DataFile Name :	011CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597784	604991	608381	603719	0.90	cps
Antimony	121-1	25517	24866	24674	25019	1.77	cps
Arsenic	75-2	52	24	44	40	35.86	cps
Barium	135-1	3317	3692	3567	3526	5.42	cps
Barium	137-1	5710	5576	5460	5582	2.24	cps
Beryllium	9-1	578	522	483	528	8.99	cps
Bismuth	209-1	5401514	5324107	5295681	5340434	1.03	cps
Bismuth	209-2	1493684	1411976	1485981	1463880	3.08	cps
Boron	10-1	5235	4718	4276	4743	10.12	cps
Boron	11-1	22944	21959	21158	22020	4.06	cps
Cadmium	111-1	1507	1395	1489	1464	4.10	cps
Cadmium	106-1	1659	1609	1575	1614	2.60	cps
Cadmium	108-1	42	50	38	43	14.78	cps
Calcium	43-1	10184306	10212604	10189837	10195582	0.15	cps
Calcium	44-1	165716412	166715404	165931254	166121023	0.32	cps
Chromium	52-2	3911	3657	3601	3723	4.44	cps
Cobalt	59-2	2187	2150	2130	2156	1.33	cps
Copper	63-2	4758	4708	4581	4682	1.95	cps
Dysprosium	156-1	83	67	133	94	36.73	cps
Dysprosium	156-2	20	10	0	10	100.00	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	67	108	42	72	46.63	cps
Gadolinium	160-2	27	40	30	32	21.53	cps
Holmium	165-1	9402641	9399750	9408950	9403780	0.05	cps
Holmium	165-2	2043781	1937523	2029920	2003741	2.88	cps
Indium	115-1	7648716	7603853	7451891	7568153	1.36	cps
Indium	115-2	320879	302572	317233	313561	3.09	cps
Iron	56-2	141368748	141351081	141312442	141344090	0.02	cps
Iron	57-2	3595515	3581556	3624956	3600675	0.62	cps
Lead	206-1	11567	11895	11261	11574	2.74	cps
Lead	207-1	9826	9637	9365	9609	2.41	cps
Lead	208-1	45227	45900	44515	45214	1.53	cps
Lithium	6-1	1021342	1021499	1033794	1025545	0.70	cps
Magnesium	24-2	15193462	15314298	15306923	15271561	0.44	cps
Manganese	55-2	1210	1213	1317	1247	4.86	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:49:36	DataFile Name :	011CAL5_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3551	3601	3642	3598	1.28	cps
Molybdenum	95-1	4326	4259	4168	4251	1.87	cps
Molybdenum	96-1	8286	7719	7394	7800	5.79	cps
Molybdenum	97-1	2650	2425	2792	2623	7.05	cps
Molybdenum	98-1	6936	6594	6769	6766	2.53	cps
Neodymium	150-1	113	127	93	111	15.10	cps
Neodymium	150-2	20	10	7	12	56.76	cps
Nickel	60-2	1517	1477	1367	1453	5.34	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	4376836	4376191	4399530	4384185	0.30	cps
Rhodium	103-1	6742664	6739588	6698494	6726915	0.37	cps
Rhodium	103-2	1763454	1651468	1737202	1717374	3.41	cps
Scandium	45-1	4206784	4219612	4267617	4231338	0.76	cps
Scandium	45-2	34115	32839	34248	33734	2.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	87	36	176	100	71.17	cps
Silicon	28-1	432475	442515	430981	435324	1.44	cps
Silver	109-1	1092	1250	1025	1122	10.30	cps
Silver	107-1	1292	1092	1275	1220	9.10	cps
Sodium	23-2	37090544	37600288	37313575	37334802	0.68	cps
Strontium	86-1	93142	94803	93603	93849	0.91	cps
Strontium	88-1	809229	807420	800193	805614	0.59	cps
Sulfur	34-1	369933	368810	373072	370605	0.60	cps
Terbium	159-1	9791107	9736102	9749637	9758949	0.29	cps
Terbium	159-2	2020604	1893605	1965660	1959956	3.25	cps
Thallium	203-1	2050	2259	1784	2031	11.73	cps
Thallium	205-1	5418	5043	4851	5104	5.65	cps
Tin	118-1	5476	5651	5143	5424	4.76	cps
Titanium	47-1	700	883	717	767	13.22	cps
Uranium	238-1	1642	1559	1667	1622	3.50	cps
Vanadium	51-2	200	150	200	183	15.75	cps
Yttrium	89-1	8144333	8057871	8129435	8110546	0.57	cps
Yttrium	89-2	243029	227964	240942	237312	3.44	cps
Zinc	66-2	993	1080	1000	1025	4.71	cps
Zirconium	90-1	3184	3117	3034	3112	2.42	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 16:49:36	DataFile Name :	011CALS_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	708	675	658	9.13	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:06:05	DataFile Name :	015ICV_P8090117-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3092	3192	3117	3134	1.66	cps
Antimony	121-1	1987814	1926399	1942221	1952144	1.63	cps
Arsenic	75-2	21509	21387	21222	21373	0.67	cps
Barium	135-1	200436	199237	201619	200431	0.59	cps
Barium	137-1	352193	348200	353314	351235	0.77	cps
Beryllium	9-1	120226	119816	119906	119983	0.18	cps
Bismuth	209-1	5474764	5478922	5567853	5507179	0.95	cps
Bismuth	209-2	1636138	1623136	1620226	1626500	0.52	cps
Boron	10-1	85203	86176	85656	85678	0.57	cps
Boron	11-1	398567	403334	406313	402738	0.97	cps
Cadmium	111-1	215341	218180	217584	217035	0.69	cps
Cadmium	106-1	33067	35105	33969	34047	3.00	cps
Cadmium	108-1	19494	18438	19005	18979	2.78	cps
Calcium	43-1	45450	45015	45968	45478	1.05	cps
Calcium	44-1	725504	717792	719613	720969	0.56	cps
Chromium	52-2	88373	87703	87055	87710	0.75	cps
Cobalt	59-2	193266	192274	191044	192195	0.58	cps
Copper	63-2	168720	168683	168325	168576	0.13	cps
Dysprosium	156-1	33	25	33	31	15.75	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	125	125	100	43.30	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	58	58	83	67	21.65	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	9065970	9072750	9119112	9085944	0.32	cps
Holmium	165-2	2062184	2053092	2023683	2046320	0.98	cps
Indium	115-1	7743158	7620649	7697686	7687164	0.81	cps
Indium	115-2	334123	332359	330759	332414	0.51	cps
Iron	56-2	590182	593166	585025	589458	0.70	cps
Iron	57-2	14614	15059	14769	14814	1.52	cps
Lead	206-1	1108910	1110420	1130684	1116671	1.09	cps
Lead	207-1	961881	968668	987634	972728	1.37	cps
Lead	208-1	4562222	4466357	4611064	4546548	1.62	cps
Lithium	6-1	1079060	1054104	1066004	1066390	1.17	cps
Magnesium	24-2	37500	38704	37258	37821	2.05	cps
Manganese	55-2	24408	24796	23874	24359	1.90	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:06:05	DataFile Name :	015ICV_P8090117-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3908085	3846915	3896015	3883672	0.83	cps
Molybdenum	95-1	2147026	2104308	2124129	2125154	1.01	cps
Molybdenum	96-1	2713820	2702791	2693924	2703512	0.37	cps
Molybdenum	97-1	1292591	1289308	1299574	1293824	0.41	cps
Molybdenum	98-1	3377919	3381389	3396707	3385338	0.30	cps
Neodymium	150-1	53	40	73	56	30.20	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	57143	57204	56046	56798	1.15	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	39314	38420	38311	38682	1.42	cps
Rhodium	103-1	7098439	7054167	7093425	7082010	0.34	cps
Rhodium	103-2	1888215	1906053	1880898	1891722	0.68	cps
Scandium	45-1	4287841	4243188	4231956	4254328	0.69	cps
Scandium	45-2	35869	35565	35298	35577	0.80	cps
Selenium	77-2	150	163	160	158	4.40	cps
Selenium	78-2	522	507	481	504	4.09	cps
Selenium	82-1	26055	25669	26263	25996	1.16	cps
Silicon	28-1	2140269	2127302	2128094	2131888	0.34	cps
Silver	109-1	972949	952323	968336	964536	1.12	cps
Silver	107-1	1025190	1020370	1023578	1023046	0.24	cps
Sodium	23-2	159223	158759	158634	158872	0.20	cps
Strontium	86-1	1365338	1365661	1358263	1363088	0.31	cps
Strontium	88-1	11634867	11609795	11630748	11625137	0.12	cps
Sulfur	34-1	341018	341305	336002	339442	0.88	cps
Terbium	159-1	9545250	9513658	9585519	9548142	0.38	cps
Terbium	159-2	1996011	2028058	1996191	2006754	0.92	cps
Thallium	203-1	1401469	1391289	1412845	1401867	0.77	cps
Thallium	205-1	3411990	3416095	3441823	3423303	0.47	cps
Tin	118-1	3510059	3523926	3521199	3518395	0.21	cps
Titanium	47-1	544504	533586	539787	539292	1.02	cps
Uranium	238-1	11361480	11549683	11463842	11458335	0.82	cps
Vanadium	51-2	64672	65368	64668	64903	0.62	cps
Yttrium	89-1	8183729	8110430	8095164	8129774	0.58	cps
Yttrium	89-2	247033	245552	244538	245708	0.51	cps
Zinc	66-2	30160	28833	28920	29305	2.53	cps
Zirconium	90-1	7387359	7321215	7395868	7368147	0.55	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:06:05	DataFile Name :	015ICV_P8090117-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1658211	1636983	1657786	1650993	0.74	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:09:09	DataFile Name :	016CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	2775	2925	2900	2867	2.80	cps
Arsenic	75-2	13	4	4	7	78.78	cps
Barium	135-1	0	17	33	17	99.99	cps
Barium	137-1	42	108	67	72	46.63	cps
Beryllium	9-1	217	200	200	206	4.68	cps
Bismuth	209-1	5555272	5088595	5399294	5347720	4.44	cps
Bismuth	209-2	1619462	1607293	1616381	1614379	0.39	cps
Boron	10-1	2175	2084	2184	2147	2.58	cps
Boron	11-1	9412	9570	9045	9342	2.88	cps
Cadmium	111-1	1082	940	1213	1078	12.70	cps
Cadmium	106-1	1517	1283	1700	1500	13.92	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	1317	1800	1542	1553	15.58	cps
Calcium	44-1	32639	31912	32631	32394	1.29	cps
Chromium	52-2	707	757	803	756	6.40	cps
Cobalt	59-2	13	47	53	38	56.73	cps
Copper	63-2	207	150	227	194	20.45	cps
Dysprosium	156-1	33	0	25	19	89.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	50	58	42	52.91	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	92	42	42	58	49.48	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	9079693	8445835	9026092	8850540	3.97	cps
Holmium	165-2	2057240	2041864	2038029	2045711	0.50	cps
Indium	115-1	7852504	7204569	7796898	7617991	4.71	cps
Indium	115-2	339056	340102	340326	339828	0.20	cps
Iron	56-2	2117	1989	1995	2034	3.55	cps
Iron	57-2	50	33	44	43	19.93	cps
Lead	206-1	900	822	822	848	5.29	cps
Lead	207-1	811	767	822	800	3.67	cps
Lead	208-1	3756	3356	3606	3573	5.66	cps
Lithium	6-1	1061031	1008707	1060800	1043513	2.89	cps
Magnesium	24-2	133	150	192	158	18.98	cps
Manganese	55-2	57	57	27	47	37.11	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:09:09	DataFile Name :	016CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	550	433	450	478	13.21	cps
Molybdenum	95-1	408	392	308	369	14.50	cps
Molybdenum	96-1	483	450	517	483	6.90	cps
Molybdenum	97-1	175	175	225	192	15.06	cps
Molybdenum	98-1	575	583	483	547	10.14	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	83	127	97	26.93	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2725	2667	2767	2720	1.85	cps
Rhodium	103-1	7221075	6623269	7135729	6993358	4.62	cps
Rhodium	103-2	1943885	1936213	1934466	1938188	0.26	cps
Scandium	45-1	4359196	3947575	4303787	4203519	5.31	cps
Scandium	45-2	35813	34910	35351	35358	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	2	4	49.54	cps
Selenium	82-1	-141	-125	35	-77	-126.68	cps
Silicon	28-1	402191	413030	411370	408864	1.43	cps
Silver	109-1	208	200	325	244	28.59	cps
Silver	107-1	292	267	275	278	4.58	cps
Sodium	23-2	6252	5535	5885	5890	6.09	cps
Strontium	86-1	1083	992	1042	1039	4.42	cps
Strontium	88-1	242	233	225	233	3.57	cps
Sulfur	34-1	342822	343589	343448	343286	0.12	cps
Terbium	159-1	9561338	8924830	9414185	9300118	3.58	cps
Terbium	159-2	2027929	2007857	1968265	2001350	1.52	cps
Thallium	203-1	450	617	383	483	24.87	cps
Thallium	205-1	1200	1008	1058	1089	9.13	cps
Tin	118-1	3509	3201	3267	3326	4.88	cps
Titanium	47-1	217	150	225	197	20.84	cps
Uranium	238-1	717	467	517	567	23.35	cps
Vanadium	51-2	7	10	3	7	50.03	cps
Yttrium	89-1	8257318	7570674	7994211	7940734	4.36	cps
Yttrium	89-2	249458	245300	245700	246820	0.93	cps
Zinc	66-2	47	70	60	59	19.88	cps
Zirconium	90-1	767	675	900	781	14.50	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:09:09	DataFile Name :	016CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	100	242	169	41.83	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:12:18	DataFile Name :	017ICSA_P8090117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	554923	555548	557850	556107	0.28	cps
Antimony	121-1	13207	13657	12798	13221	3.25	cps
Arsenic	75-2	46	41	46	44	7.22	cps
Barium	135-1	3050	3084	3201	3112	2.53	cps
Barium	137-1	5268	5393	5560	5407	2.71	cps
Beryllium	9-1	439	478	539	485	10.39	cps
Bismuth	209-1	5515688	5385011	5464474	5455057	1.21	cps
Bismuth	209-2	1534997	1539025	1533093	1535705	0.20	cps
Boron	10-1	2567	2159	2325	2350	8.74	cps
Boron	11-1	10354	9954	9979	10096	2.22	cps
Cadmium	111-1	1661	1503	1688	1618	6.16	cps
Cadmium	106-1	1458	1333	1575	1456	8.30	cps
Cadmium	108-1	913	1067	950	976	8.23	cps
Calcium	43-1	2040877	2049812	2028071	2039587	0.54	cps
Calcium	44-1	32868190	32656715	32910556	32811821	0.41	cps
Chromium	52-2	17988	18195	17855	18013	0.95	cps
Cobalt	59-2	2260	2170	2197	2209	2.09	cps
Copper	63-2	13183	12706	12893	12927	1.86	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	83	33	50	56	45.83	cps
Erbium	164-2	23	10	3	12	83.33	cps
Gadolinium	160-1	58	75	8	47	73.48	cps
Gadolinium	160-2	33	20	13	22	45.83	cps
Holmium	165-1	9429365	9447393	9404383	9427047	0.23	cps
Holmium	165-2	2042345	2049246	2048669	2046753	0.19	cps
Indium	115-1	7754821	7775867	7723930	7751539	0.34	cps
Indium	115-2	325650	323320	322818	323929	0.47	cps
Iron	56-2	56310642	56516168	56161626	56329479	0.32	cps
Iron	57-2	1448341	1453935	1452835	1451704	0.20	cps
Lead	206-1	26088	27090	26172	26450	2.10	cps
Lead	207-1	21719	21174	20562	21151	2.74	cps
Lead	208-1	101449	100159	98780	100129	1.33	cps
Lithium	6-1	1064445	1046211	1050885	1053847	0.90	cps
Magnesium	24-2	3015562	3062968	3024875	3034469	0.83	cps
Manganese	55-2	1897	2014	1653	1855	9.91	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:12:18	DataFile Name :	017ICSA_P8090117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4564937	4571692	4589497	4575375	0.28	cps
Molybdenum	95-1	8032162	8008403	7965204	8001923	0.42	cps
Molybdenum	96-1	8570259	8545295	8614856	8576803	0.41	cps
Molybdenum	97-1	4976994	4958590	4989225	4974937	0.31	cps
Molybdenum	98-1	12813227	12864373	12924063	12867221	0.43	cps
Neodymium	150-1	53	73	7	44	76.97	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	3144	2944	2970	3019	3.60	cps
Phosphorus	31-2	43318	44462	42465	43415	2.31	cps
Potassium	39-2	1761161	1752344	1758710	1757405	0.26	cps
Rhodium	103-1	6922670	6971948	6978245	6957621	0.44	cps
Rhodium	103-2	1823206	1829125	1815763	1822698	0.37	cps
Scandium	45-1	4295170	4329653	4321914	4315579	0.42	cps
Scandium	45-2	33246	35067	34987	34433	2.99	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	37	98	-101	11	917.69	cps
Silicon	28-1	532552	519936	519357	523948	1.42	cps
Silver	109-1	2150	2025	2417	2198	9.11	cps
Silver	107-1	2392	2550	2350	2431	4.34	cps
Sodium	23-2	7390157	7415533	7424711	7410134	0.24	cps
Strontium	86-1	91934	90994	90315	91081	0.89	cps
Strontium	88-1	782537	785275	778799	782204	0.42	cps
Sulfur	34-1	2627870	2621862	2654408	2634713	0.66	cps
Terbium	159-1	9829396	9843353	9895957	9856235	0.36	cps
Terbium	159-2	2005875	1982819	1970105	1986266	0.91	cps
Thallium	203-1	900	775	867	847	7.64	cps
Thallium	205-1	2000	1925	1817	1914	4.82	cps
Tin	118-1	3492	3017	3050	3187	8.32	cps
Titanium	47-1	2099587	2116160	2114090	2109946	0.43	cps
Uranium	238-1	533	650	575	586	10.09	cps
Vanadium	51-2	87	100	120	102	16.41	cps
Yttrium	89-1	8263546	8172453	8214638	8216879	0.55	cps
Yttrium	89-2	242310	240767	241500	241526	0.32	cps
Zinc	66-2	1553	1737	1743	1678	6.43	cps
Zirconium	90-1	3442	3201	2775	3139	10.75	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:12:18	DataFile Name :	017ICSA_P8090117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	725	700	695	4.85	cps

LB Number : LB89864 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 17:15:22 DataFile Name : 018ICSB_P8090117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	551493	559502	556553	555849	0.73	cps
Antimony	121-1	207580	204697	204503	205593	0.84	cps
Arsenic	75-2	2076	2035	2102	2071	1.62	cps
Barium	135-1	43724	44610	43406	43913	1.42	cps
Barium	137-1	76856	78425	77628	77636	1.01	cps
Beryllium	9-1	24972	25145	25379	25165	0.81	cps
Bismuth	209-1	5436823	5530077	5426087	5464329	1.05	cps
Bismuth	209-2	1536275	1546955	1541084	1541438	0.35	cps
Boron	10-1	9971	9987	9412	9790	3.35	cps
Boron	11-1	43450	44094	44586	44043	1.29	cps
Cadmium	111-1	42334	44178	43718	43410	2.21	cps
Cadmium	106-1	6193	6785	6585	6521	4.62	cps
Cadmium	108-1	4288	4138	4201	4209	1.79	cps
Calcium	43-1	2011086	2068658	2031884	2037209	1.43	cps
Calcium	44-1	32577374	32840369	32952477	32790073	0.59	cps
Chromium	52-2	34573	34349	34763	34562	0.60	cps
Cobalt	59-2	39874	39259	38844	39326	1.32	cps
Copper	63-2	44889	44836	45665	45130	1.03	cps
Dysprosium	156-1	25	33	58	39	44.62	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	58	58	125	81	47.78	cps
Erbium	164-2	7	20	10	12	56.76	cps
Gadolinium	160-1	117	75	58	83	36.05	cps
Gadolinium	160-2	10	7	27	14	74.18	cps
Holmium	165-1	9468378	9423352	9401502	9431078	0.36	cps
Holmium	165-2	2045651	2058482	2055241	2053125	0.32	cps
Indium	115-1	7804530	7842643	7773970	7807048	0.44	cps
Indium	115-2	326639	324451	323808	324966	0.46	cps
Iron	56-2	56318040	56366517	56131930	56272162	0.22	cps
Iron	57-2	1460591	1469138	1445377	1458369	0.83	cps
Lead	206-1	140694	139144	142069	140636	1.04	cps
Lead	207-1	115560	118167	117276	117001	1.13	cps
Lead	208-1	541084	545901	547892	544959	0.64	cps
Lithium	6-1	1051147	1026974	1047573	1041898	1.25	cps
Magnesium	24-2	3026422	3041601	3074203	3047409	0.80	cps
Manganese	55-2	6428	6465	6695	6529	2.21	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:15:22	DataFile Name :	018ICSB_P8090117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4926954	5008644	4942006	4959201	0.88	cps
Molybdenum	95-1	8291841	8329297	8257185	8292774	0.43	cps
Molybdenum	96-1	8922520	8887052	8868843	8892805	0.31	cps
Molybdenum	97-1	5074670	5086786	5121180	5094212	0.47	cps
Molybdenum	98-1	13215638	13412718	13216144	13281500	0.86	cps
Neodymium	150-1	60	47	60	56	13.85	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	14248	14117	14091	14152	0.59	cps
Phosphorus	31-2	42866	43250	43651	43256	0.91	cps
Potassium	39-2	1749998	1763485	1737529	1750337	0.74	cps
Rhodium	103-1	6935222	7031830	7027461	6998171	0.78	cps
Rhodium	103-2	1846013	1816422	1796743	1819726	1.36	cps
Scandium	45-1	4353922	4383540	4363140	4366868	0.35	cps
Scandium	45-2	34800	34816	34599	34739	0.35	cps
Selenium	77-2	17	10	7	11	45.82	cps
Selenium	78-2	41	48	61	50	20.62	cps
Selenium	82-1	2506	2711	2525	2581	4.39	cps
Silicon	28-1	750595	755921	758821	755112	0.55	cps
Silver	109-1	185891	188005	190073	187990	1.11	cps
Silver	107-1	195881	198629	195979	196830	0.79	cps
Sodium	23-2	7372840	7442430	7418688	7411319	0.48	cps
Strontium	86-1	233390	231854	235593	233612	0.80	cps
Strontium	88-1	2055321	2050812	2047753	2051295	0.19	cps
Sulfur	34-1	2617334	2638605	2637247	2631062	0.45	cps
Terbium	159-1	9770204	9813308	9880182	9821231	0.56	cps
Terbium	159-2	1993279	1997405	1974808	1988497	0.61	cps
Thallium	203-1	139847	140614	139887	140116	0.31	cps
Thallium	205-1	331770	328463	337284	332506	1.34	cps
Tin	118-1	362944	366080	362866	363963	0.50	cps
Titanium	47-1	2166994	2190255	2171398	2176216	0.57	cps
Uranium	238-1	1089595	1107476	1100114	1099062	0.82	cps
Vanadium	51-2	12729	13103	12909	12914	1.45	cps
Yttrium	89-1	8279112	8275247	8268341	8274234	0.07	cps
Yttrium	89-2	242939	242100	242116	242385	0.20	cps
Zinc	66-2	4414	4704	4598	4572	3.21	cps
Zirconium	90-1	778438	779736	784546	780907	0.41	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:15:22	DataFile Name :	018ICSB_P8090117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	171289	173645	170895	171943	0.86	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:18:27	DataFile Name :	019CCV_P8090117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	316507	311315	318369	315397	1.16	cps
Antimony	121-1	5331047	5357295	5285397	5324580	0.68	cps
Arsenic	75-2	54271	53938	54338	54182	0.39	cps
Barium	135-1	5358526	5446352	5332708	5379195	1.11	cps
Barium	137-1	9312724	9322266	9199295	9278095	0.74	cps
Beryllium	9-1	635052	639672	635941	636888	0.38	cps
Bismuth	209-1	5386996	5473648	5367897	5409513	1.04	cps
Bismuth	209-2	1528243	1530068	1526318	1528210	0.12	cps
Boron	10-1	75164	76848	76252	76088	1.12	cps
Boron	11-1	350308	356671	354544	353841	0.92	cps
Cadmium	111-1	1076204	1085226	1080007	1080479	0.42	cps
Cadmium	106-1	112586	110552	112491	111876	1.03	cps
Cadmium	108-1	75543	75594	74626	75254	0.72	cps
Calcium	43-1	5172171	5232688	5195672	5200177	0.59	cps
Calcium	44-1	84122446	84521610	83848635	84164230	0.40	cps
Chromium	52-2	449068	450528	451988	450528	0.32	cps
Cobalt	59-2	953694	944864	950107	949555	0.47	cps
Copper	63-2	1645202	1631214	1642471	1639629	0.45	cps
Dysprosium	156-1	158	142	158	153	6.30	cps
Dysprosium	156-2	10	27	17	18	47.19	cps
Erbium	164-1	25	50	50	42	34.64	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	100	92	100	97	4.95	cps
Gadolinium	160-2	33	20	33	29	26.64	cps
Holmium	165-1	9448478	9574071	9370769	9464439	1.08	cps
Holmium	165-2	2061992	2026690	2050663	2046448	0.88	cps
Indium	115-1	7603040	7706062	7672811	7660638	0.69	cps
Indium	115-2	318212	316144	318322	317559	0.39	cps
Iron	56-2	71782727	71808838	71970985	71854183	0.14	cps
Iron	57-2	1853808	1827775	1841651	1841078	0.71	cps
Lead	206-1	2912574	2971126	2913998	2932566	1.14	cps
Lead	207-1	2697735	2698307	2682378	2692807	0.34	cps
Lead	208-1	11975790	12171491	11960889	12036057	0.98	cps
Lithium	6-1	1039285	1058904	1029027	1042405	1.46	cps
Magnesium	24-2	7879096	7897239	7845023	7873786	0.34	cps
Manganese	55-2	243556	246191	245683	245143	0.57	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:18:27	DataFile Name :	019CCV_P8090117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4067921	4097186	4015115	4060074	1.02	cps
Molybdenum	95-1	2229637	2209452	2176529	2205206	1.22	cps
Molybdenum	96-1	2872439	2868611	2839868	2860306	0.62	cps
Molybdenum	97-1	1338830	1342626	1331653	1337703	0.42	cps
Molybdenum	98-1	3509526	3512140	3510167	3510611	0.04	cps
Neodymium	150-1	280	260	247	262	6.40	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	274553	274547	278136	275745	0.75	cps
Phosphorus	31-2	4501	4868	4809	4726	4.17	cps
Potassium	39-2	2286753	2283552	2306288	2292198	0.54	cps
Rhodium	103-1	6861280	6937776	6865126	6888061	0.63	cps
Rhodium	103-2	1781380	1770368	1766697	1772815	0.43	cps
Scandium	45-1	4284866	4283637	4330196	4299566	0.62	cps
Scandium	45-2	34857	34860	35355	35024	0.82	cps
Selenium	77-2	357	380	340	359	5.60	cps
Selenium	78-2	1302	1269	1170	1247	5.48	cps
Selenium	82-1	66678	67374	66175	66742	0.90	cps
Silicon	28-1	2217366	2238777	2221144	2225762	0.51	cps
Silver	109-1	5065418	5107868	4959638	5044308	1.51	cps
Silver	107-1	5281205	5302397	5272154	5285252	0.29	cps
Sodium	23-2	19463313	19404666	19405139	19424372	0.17	cps
Strontium	86-1	1440363	1459898	1439014	1446425	0.81	cps
Strontium	88-1	12373395	12448976	12371096	12397822	0.36	cps
Sulfur	34-1	669107	667535	665247	667296	0.29	cps
Terbium	159-1	9870217	9909243	9875735	9885065	0.21	cps
Terbium	159-2	2001228	1984980	1989802	1992003	0.42	cps
Thallium	203-1	3679950	3723938	3649065	3684318	1.02	cps
Thallium	205-1	8578864	8749441	8553953	8627419	1.23	cps
Tin	118-1	3582606	3642279	3582236	3602374	0.96	cps
Titanium	47-1	558969	558528	553381	556959	0.56	cps
Uranium	238-1	11150809	11336923	10993203	11160312	1.54	cps
Vanadium	51-2	339550	341384	340771	340568	0.27	cps
Yttrium	89-1	8192350	8204148	8249113	8215204	0.36	cps
Yttrium	89-2	241008	241061	240868	240979	0.04	cps
Zinc	66-2	141496	141076	140947	141173	0.20	cps
Zirconium	90-1	7811698	7785448	7788380	7795175	0.18	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:18:27	DataFile Name :	019CCV_P8090117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1749786	1758375	1721104	1743088	1.12	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:21:24	DataFile Name :	020CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	8	22	78.07	cps
Antimony	121-1	5810	4926	4959	5232	9.57	cps
Arsenic	75-2	4	2	7	4	65.54	cps
Barium	135-1	25	42	42	36	26.65	cps
Barium	137-1	50	100	17	56	75.50	cps
Beryllium	9-1	250	289	250	263	8.54	cps
Bismuth	209-1	5248508	5639881	5700937	5529775	4.44	cps
Bismuth	209-2	1649401	1637270	1124562	1470411	20.37	cps
Boron	10-1	2684	2342	2334	2453	8.14	cps
Boron	11-1	10938	10963	10179	10693	4.17	cps
Cadmium	111-1	1016	1288	1011	1105	14.38	cps
Cadmium	106-1	1417	1750	1367	1511	13.79	cps
Cadmium	108-1	25	17	13	18	35.25	cps
Calcium	43-1	1775	1392	1458	1542	13.29	cps
Calcium	44-1	36256	34577	34911	35248	2.52	cps
Chromium	52-2	583	640	757	660	13.39	cps
Cobalt	59-2	63	43	23	43	46.17	cps
Copper	63-2	303	297	300	300	1.11	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	42	83	44	84.56	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	33	100	33	56	69.29	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	8712519	9360178	9417942	9163546	4.27	cps
Holmium	165-2	2082405	2069876	1412277	1854853	20.67	cps
Indium	115-1	7407293	8032028	7978572	7805964	4.44	cps
Indium	115-2	345040	342498	235932	307824	20.23	cps
Iron	56-2	3017	2845	3100	2987	4.36	cps
Iron	57-2	67	44	89	67	33.33	cps
Lead	206-1	1000	1083	1056	1046	4.06	cps
Lead	207-1	900	956	811	889	8.20	cps
Lead	208-1	4084	4050	4039	4058	0.57	cps
Lithium	6-1	1005511	1086177	1095859	1062516	4.67	cps
Magnesium	24-2	125	233	150	169	33.48	cps
Manganese	55-2	70	67	47	61	20.65	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:21:24	DataFile Name :	020CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1050	642	642	778	30.31	cps
Molybdenum	95-1	575	658	567	600	8.45	cps
Molybdenum	96-1	775	917	692	795	14.32	cps
Molybdenum	97-1	392	417	350	386	8.72	cps
Molybdenum	98-1	1025	942	742	903	16.13	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	103	133	120	119	12.64	cps
Phosphorus	31-2	8	33	8	17	86.64	cps
Potassium	39-2	3125	2992	3609	3242	10.01	cps
Rhodium	103-1	6865218	7327600	7386220	7193013	3.97	cps
Rhodium	103-2	1929980	1896159	1324995	1717045	19.80	cps
Scandium	45-1	4058409	4380824	4392733	4277322	4.43	cps
Scandium	45-2	35585	35188	24176	31649	20.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-19	-117	44	-31	-264.61	cps
Silicon	28-1	394085	398036	396416	396179	0.50	cps
Silver	109-1	533	575	542	550	4.01	cps
Silver	107-1	683	508	617	603	14.65	cps
Sodium	23-2	10104	10454	10496	10351	2.08	cps
Strontium	86-1	1017	850	950	939	8.94	cps
Strontium	88-1	317	233	308	286	16.04	cps
Sulfur	34-1	345536	348117	350320	347991	0.69	cps
Terbium	159-1	9134789	9809489	9822093	9588790	4.10	cps
Terbium	159-2	2056315	2029748	1399246	1828437	20.34	cps
Thallium	203-1	683	608	575	622	8.92	cps
Thallium	205-1	1684	1500	1475	1553	7.33	cps
Tin	118-1	2250	2375	1992	2206	8.86	cps
Titanium	47-1	242	308	208	253	20.16	cps
Uranium	238-1	183	192	175	183	4.55	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Yttrium	89-1	7740538	8355724	8448569	8181611	4.70	cps
Yttrium	89-2	250229	248747	172540	223839	19.85	cps
Zinc	66-2	70	93	103	89	19.25	cps
Zirconium	90-1	1192	1150	967	1103	10.85	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:21:24	DataFile Name :	020CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	200	242	211	12.69	cps

LB Number : LB89864 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 17:24:33 DataFile Name : 021SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	217	183	164	39.50	cps
Antimony	121-1	19673	19866	19507	19682	0.91	cps
Arsenic	75-2	107	122	107	112	7.61	cps
Barium	135-1	17579	18155	18772	18169	3.28	cps
Barium	137-1	31180	31463	33134	31926	3.31	cps
Beryllium	9-1	1406	1372	1400	1393	1.28	cps
Bismuth	209-1	5384694	5482610	5412062	5426456	0.93	cps
Bismuth	209-2	1589956	1579752	1590247	1586651	0.38	cps
Boron	10-1	4509	4884	4959	4784	5.04	cps
Boron	11-1	21934	21859	22427	22073	1.40	cps
Cadmium	111-1	3221	3042	2829	3031	6.47	cps
Cadmium	106-1	1784	1575	1417	1592	11.55	cps
Cadmium	108-1	158	200	208	189	14.18	cps
Calcium	43-1	10438	10496	11672	10869	6.41	cps
Calcium	44-1	182725	182682	181753	182387	0.30	cps
Chromium	52-2	2324	2490	2557	2457	4.89	cps
Cobalt	59-2	1823	1753	1793	1790	1.96	cps
Copper	63-2	3757	3687	3450	3632	4.43	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	83	83	67	43.31	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	100	67	100	89	21.65	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	9094940	9217203	9003135	9105093	1.18	cps
Holmium	165-2	2043677	2046802	2037719	2042733	0.23	cps
Indium	115-1	7698306	7844490	7849158	7797318	1.10	cps
Indium	115-2	337658	335202	339860	337574	0.69	cps
Iron	56-2	28797	28652	29783	29077	2.12	cps
Iron	57-2	750	656	761	722	8.03	cps
Lead	206-1	6385	6463	6430	6426	0.61	cps
Lead	207-1	5940	5968	5813	5907	1.41	cps
Lead	208-1	25939	26945	25867	26250	2.30	cps
Lithium	6-1	1052898	1077005	1053945	1061282	1.28	cps
Magnesium	24-2	14049	13599	14233	13960	2.34	cps
Manganese	55-2	297	323	260	293	10.84	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:24:33	DataFile Name :	021SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16077	15484	15368	15643	2.43	cps
Molybdenum	95-1	18547	18480	18730	18586	0.70	cps
Molybdenum	96-1	20750	20758	21376	20961	1.71	cps
Molybdenum	97-1	11872	11797	11339	11669	2.48	cps
Molybdenum	98-1	29700	29675	29500	29625	0.37	cps
Neodymium	150-1	7	47	20	24	83.31	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	603	657	657	639	4.82	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	11288	11514	10763	11188	3.44	cps
Rhodium	103-1	7018200	7303950	7227700	7183284	2.06	cps
Rhodium	103-2	1928255	1899224	1908649	1912043	0.77	cps
Scandium	45-1	4272806	4348005	4306603	4309138	0.87	cps
Scandium	45-2	34693	34269	34733	34565	0.74	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	20	13	15	16	24.03	cps
Selenium	82-1	515	786	495	598	27.17	cps
Silicon	28-1	445113	439563	443894	442857	0.66	cps
Silver	109-1	12273	12206	12173	12217	0.42	cps
Silver	107-1	12815	13324	12748	12962	2.43	cps
Sodium	23-2	42481	42715	41453	42216	1.59	cps
Strontium	86-1	3434	3184	3442	3353	4.38	cps
Strontium	88-1	21426	21943	22244	21871	1.89	cps
Sulfur	34-1	351372	349481	355130	351994	0.82	cps
Terbium	159-1	9425102	9646497	9483148	9518249	1.21	cps
Terbium	159-2	2015146	1975972	2003574	1998231	1.01	cps
Thallium	203-1	6452	6527	6627	6535	1.34	cps
Thallium	205-1	15444	15577	16904	15975	5.05	cps
Tin	118-1	31906	31371	32232	31836	1.36	cps
Titanium	47-1	4818	4451	4876	4715	4.89	cps
Uranium	238-1	17880	18389	19140	18470	3.43	cps
Vanadium	51-2	2827	3010	3034	2957	3.83	cps
Yttrium	89-1	8220789	8197232	8235688	8217903	0.24	cps
Yttrium	89-2	246154	245201	245074	245476	0.24	cps
Zinc	66-2	427	367	367	387	8.96	cps
Zirconium	90-1	13949	13949	13891	13930	0.24	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:24:33	DataFile Name :	021SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2975	3301	2817	3031	8.13	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:27:43	DataFile Name :	022CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	8	17	86.62	cps
Antimony	121-1	950	1008	950	970	3.47	cps
Arsenic	75-2	2	7	4	4	65.54	cps
Barium	135-1	58	42	42	47	20.38	cps
Barium	137-1	83	42	42	56	43.30	cps
Beryllium	9-1	156	117	250	174	39.39	cps
Bismuth	209-1	5513867	5532367	5449545	5498593	0.79	cps
Bismuth	209-2	1598016	1586805	1575056	1586626	0.72	cps
Boron	10-1	1283	1225	1258	1256	2.33	cps
Boron	11-1	6769	6060	6227	6352	5.83	cps
Cadmium	111-1	1057	1005	1019	1027	2.60	cps
Cadmium	106-1	1508	1367	1425	1433	4.97	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	1625	1492	1742	1620	7.72	cps
Calcium	44-1	32981	34075	32589	33215	2.32	cps
Chromium	52-2	713	720	657	697	4.99	cps
Cobalt	59-2	63	23	83	57	53.92	cps
Copper	63-2	250	273	233	252	7.97	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	58	42	44	28.65	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	50	33	42	42	20.00	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Holmium	165-1	9301877	9134336	9067284	9167832	1.32	cps
Holmium	165-2	2046207	2011244	2031382	2029611	0.86	cps
Indium	115-1	7815619	7874411	7796361	7828797	0.52	cps
Indium	115-2	332636	331434	329278	331116	0.51	cps
Iron	56-2	2250	2384	2450	2361	4.31	cps
Iron	57-2	83	83	83	83	0.00	cps
Lead	206-1	856	795	845	832	3.92	cps
Lead	207-1	839	767	850	819	5.53	cps
Lead	208-1	3667	3534	3623	3608	1.88	cps
Lithium	6-1	1059338	1059349	1069991	1062892	0.58	cps
Magnesium	24-2	158	150	233	181	25.42	cps
Manganese	55-2	50	57	60	56	9.17	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:27:43	DataFile Name :	022CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	433	317	333	27.84	cps
Molybdenum	95-1	217	192	225	211	8.22	cps
Molybdenum	96-1	275	208	375	286	29.32	cps
Molybdenum	97-1	217	125	100	147	41.72	cps
Molybdenum	98-1	267	342	308	306	12.30	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	90	77	93	87	10.18	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2925	2567	2975	2823	7.89	cps
Rhodium	103-1	7285326	7180166	7193283	7219592	0.79	cps
Rhodium	103-2	1880649	1873387	1892810	1882282	0.52	cps
Scandium	45-1	4323376	4313289	4258231	4298299	0.82	cps
Scandium	45-2	34904	34239	34259	34467	1.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	-72	-27	34	-22	-244.95	cps
Silicon	28-1	397156	396541	395333	396343	0.23	cps
Silver	109-1	408	383	292	361	17.01	cps
Silver	107-1	342	425	283	350	20.34	cps
Sodium	23-2	7135	7377	6702	7072	4.84	cps
Strontium	86-1	867	767	908	847	8.59	cps
Strontium	88-1	317	175	117	203	50.72	cps
Sulfur	34-1	357701	355182	356066	356316	0.36	cps
Terbium	159-1	9616257	9557303	9547944	9573835	0.39	cps
Terbium	159-2	1998969	1964049	1964743	1975920	1.01	cps
Thallium	203-1	275	275	242	264	7.29	cps
Thallium	205-1	808	575	558	647	21.60	cps
Tin	118-1	1167	1667	1408	1414	17.69	cps
Titanium	47-1	167	242	158	189	24.30	cps
Uranium	238-1	92	100	183	125	40.55	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Yttrium	89-1	8202947	8199169	8080014	8160710	0.86	cps
Yttrium	89-2	243174	241554	239660	241462	0.73	cps
Zinc	66-2	90	40	83	71	38.18	cps
Zirconium	90-1	692	617	617	642	6.75	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:27:43	DataFile Name :	022CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	208	75	128	55.47	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:30:51	DataFile Name :	023LCSE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	250	242	267	13.62	cps
Antimony	121-1	37964	37604	36760	37443	1.65	cps
Arsenic	75-2	207	228	220	219	4.72	cps
Barium	135-1	37872	36811	37254	37312	1.43	cps
Barium	137-1	64885	64433	63419	64245	1.17	cps
Beryllium	9-1	2506	2578	2567	2550	1.52	cps
Bismuth	209-1	5330543	5345203	5225556	5300434	1.23	cps
Bismuth	209-2	1554666	1567827	1553314	1558602	0.51	cps
Boron	10-1	7277	7160	7202	7213	0.82	cps
Boron	11-1	32897	33431	34793	33707	2.90	cps
Cadmium	111-1	4965	4895	5040	4967	1.46	cps
Cadmium	106-1	1767	1684	1634	1695	3.98	cps
Cadmium	108-1	329	329	333	331	0.73	cps
Calcium	43-1	19548	20073	19823	19815	1.33	cps
Calcium	44-1	338858	344516	337078	340151	1.14	cps
Chromium	52-2	4327	4047	4177	4184	3.35	cps
Cobalt	59-2	3694	3794	3747	3745	1.34	cps
Copper	63-2	6508	6782	6742	6677	2.21	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	100	33	61	56.78	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	33	58	83	58	42.86	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	9029717	9077207	8873073	8993332	1.19	cps
Holmium	165-2	2011192	1979804	1974040	1988345	1.01	cps
Indium	115-1	7766660	7757343	7614934	7712979	1.10	cps
Indium	115-2	330667	334226	332349	332414	0.54	cps
Iron	56-2	220099	218999	221228	220109	0.51	cps
Iron	57-2	5457	5568	5557	5527	1.11	cps
Lead	206-1	12929	12557	12634	12707	1.55	cps
Lead	207-1	11750	11378	11305	11478	2.08	cps
Lead	208-1	52260	51214	50791	51422	1.47	cps
Lithium	6-1	1056507	1069707	1052023	1059412	0.87	cps
Magnesium	24-2	28396	29181	29431	29003	1.86	cps
Manganese	55-2	590	480	497	522	11.35	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:30:51	DataFile Name :	023LCSE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31889	32005	31571	31822	0.71	cps
Molybdenum	95-1	38288	38974	37261	38174	2.26	cps
Molybdenum	96-1	42092	42208	42325	42208	0.28	cps
Molybdenum	97-1	24039	24047	23070	23719	2.37	cps
Molybdenum	98-1	62628	61281	60428	61446	1.81	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1357	1207	1313	1292	5.97	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	19923	19581	19330	19612	1.52	cps
Rhodium	103-1	7122274	7128652	6943099	7064675	1.49	cps
Rhodium	103-2	1858675	1894637	1856555	1869956	1.14	cps
Scandium	45-1	4253225	4253016	4214356	4240199	0.53	cps
Scandium	45-2	34252	34823	34419	34498	0.85	cps
Selenium	77-2	20	17	7	14	48.02	cps
Selenium	78-2	39	22	20	27	37.56	cps
Selenium	82-1	1332	1293	1131	1252	8.48	cps
Silicon	28-1	477757	476980	480113	478283	0.34	cps
Silver	109-1	20500	19816	19581	19966	2.39	cps
Silver	107-1	20617	20517	20174	20436	1.14	cps
Sodium	23-2	76657	78944	76892	77498	1.62	cps
Strontium	86-1	5843	5893	6210	5982	3.33	cps
Strontium	88-1	46105	44900	45343	45449	1.34	cps
Sulfur	34-1	351600	348504	352125	350743	0.56	cps
Terbium	159-1	9313253	9295141	9351401	9319932	0.31	cps
Terbium	159-2	1945444	1956402	1952605	1951484	0.29	cps
Thallium	203-1	13149	13274	12757	13060	2.07	cps
Thallium	205-1	31256	31331	31524	31370	0.44	cps
Tin	118-1	64380	63677	64205	64088	0.57	cps
Titanium	47-1	9812	10212	9879	9968	2.15	cps
Uranium	238-1	38034	39505	37934	38491	2.29	cps
Vanadium	51-2	6111	6435	6051	6199	3.33	cps
Yttrium	89-1	8082388	8028627	7993755	8034923	0.56	cps
Yttrium	89-2	241763	241956	239463	241061	0.58	cps
Zinc	66-2	547	617	647	603	8.51	cps
Zirconium	90-1	28197	28439	27646	28094	1.45	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:30:51	DataFile Name :	023LCSE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6035	6202	6543	6260	4.14	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:34:00	DataFile Name :	024CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	467	450	433	450	3.70	cps
Arsenic	75-2	6	7	6	6	17.29	cps
Barium	135-1	50	50	25	42	34.64	cps
Barium	137-1	25	50	25	33	43.30	cps
Beryllium	9-1	194	94	72	120	54.09	cps
Bismuth	209-1	5402525	5338883	5369388	5370265	0.59	cps
Bismuth	209-2	1580711	1604489	1628623	1604607	1.49	cps
Boron	10-1	1375	1258	1133	1256	9.63	cps
Boron	11-1	4876	5326	5443	5215	5.74	cps
Cadmium	111-1	958	1032	951	980	4.56	cps
Cadmium	106-1	1350	1450	1342	1381	4.37	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Calcium	43-1	1909	1525	1542	1659	13.07	cps
Calcium	44-1	32205	32213	31612	32010	1.08	cps
Chromium	52-2	610	767	720	699	11.51	cps
Cobalt	59-2	43	40	43	42	4.55	cps
Copper	63-2	283	283	310	292	5.27	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	50	67	83	67	25.00	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	9025862	8973289	8818409	8939187	1.21	cps
Holmium	165-2	2061979	2045621	2045927	2051176	0.46	cps
Indium	115-1	7712999	7696061	7615145	7674735	0.68	cps
Indium	115-2	335270	339116	343537	339308	1.22	cps
Iron	56-2	1967	2323	1867	2052	11.68	cps
Iron	57-2	50	67	44	54	21.53	cps
Lead	206-1	833	833	922	863	5.95	cps
Lead	207-1	750	756	756	754	0.43	cps
Lead	208-1	3328	3467	3650	3482	4.64	cps
Lithium	6-1	1035545	1061763	1057890	1051733	1.35	cps
Magnesium	24-2	283	217	225	242	15.03	cps
Manganese	55-2	53	43	37	44	18.87	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:34:00	DataFile Name :	024CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	217	267	258	14.78	cps
Molybdenum	95-1	83	100	108	97	13.09	cps
Molybdenum	96-1	192	208	183	194	6.55	cps
Molybdenum	97-1	100	100	83	94	10.19	cps
Molybdenum	98-1	208	217	175	200	11.02	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	140	87	116	23.31	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2925	2800	2792	2839	2.63	cps
Rhodium	103-1	7194698	7067980	7068473	7110384	1.03	cps
Rhodium	103-2	1891513	1937228	1924558	1917767	1.23	cps
Scandium	45-1	4243489	4305993	4266806	4272096	0.74	cps
Scandium	45-2	34623	34927	35869	35140	1.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	77	-36	1	14	404.47	cps
Silicon	28-1	391721	384378	387940	388013	0.95	cps
Silver	109-1	458	367	308	378	20.02	cps
Silver	107-1	267	250	333	283	15.56	cps
Sodium	23-2	6560	6268	6110	6313	3.62	cps
Strontium	86-1	867	842	917	875	4.36	cps
Strontium	88-1	125	200	175	167	22.91	cps
Sulfur	34-1	351791	356240	356238	354756	0.72	cps
Terbium	159-1	9351510	9371536	9266005	9329684	0.60	cps
Terbium	159-2	1975856	1987677	2026668	1996733	1.33	cps
Thallium	203-1	242	242	183	222	15.16	cps
Thallium	205-1	442	642	467	517	21.09	cps
Tin	118-1	942	1108	900	983	11.21	cps
Titanium	47-1	133	167	125	142	15.56	cps
Uranium	238-1	67	100	67	78	24.75	cps
Vanadium	51-2	17	20	7	14	48.02	cps
Yttrium	89-1	8173674	8070551	8089769	8111331	0.68	cps
Yttrium	89-2	243395	245496	249366	246086	1.23	cps
Zinc	66-2	47	67	60	58	17.62	cps
Zirconium	90-1	533	575	442	517	13.20	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BLRE	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:34:00	DataFile Name :	024CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	108	150	131	16.06	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:37:09	DataFile Name :	025LCSE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	208	283	236	17.41	cps
Antimony	121-1	37437	38139	37186	37587	1.31	cps
Arsenic	75-2	226	209	209	215	4.48	cps
Barium	135-1	38123	37279	39544	38315	2.99	cps
Barium	137-1	65722	66241	65948	65971	0.39	cps
Beryllium	9-1	2623	2573	2411	2535	4.35	cps
Bismuth	209-1	5494016	5483127	5434780	5470641	0.58	cps
Bismuth	209-2	1601599	1595324	1603887	1600270	0.28	cps
Boron	10-1	7311	7352	7294	7319	0.41	cps
Boron	11-1	34242	34492	35771	34835	2.35	cps
Cadmium	111-1	5049	5293	5188	5177	2.37	cps
Cadmium	106-1	1859	1909	1817	1861	2.47	cps
Cadmium	108-1	296	258	288	281	7.02	cps
Calcium	43-1	21066	20608	20082	20585	2.39	cps
Calcium	44-1	342781	344986	346955	344907	0.61	cps
Chromium	52-2	4027	4154	4134	4105	1.66	cps
Cobalt	59-2	4047	3907	3977	3977	1.76	cps
Copper	63-2	6508	6782	7122	6804	4.52	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	108	50	58	72	43.68	cps
Erbium	164-2	30	7	17	18	65.83	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	9251496	9187237	8977320	9138684	1.57	cps
Holmium	165-2	2079554	2066963	2063784	2070100	0.40	cps
Indium	115-1	8052323	7939650	7830838	7940937	1.39	cps
Indium	115-2	340461	342267	342743	341824	0.35	cps
Iron	56-2	227972	227554	226859	227462	0.25	cps
Iron	57-2	5629	6068	5473	5724	5.39	cps
Lead	206-1	13163	13274	12762	13066	2.06	cps
Lead	207-1	11656	11717	11378	11583	1.56	cps
Lead	208-1	52466	52555	51994	52338	0.58	cps
Lithium	6-1	1085326	1102890	1070067	1086095	1.51	cps
Magnesium	24-2	29431	29532	29899	29621	0.83	cps
Manganese	55-2	543	567	597	569	4.70	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:37:09	DataFile Name :	025LCSE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	32824	32531	31529	32295	2.10	cps
Molybdenum	95-1	39032	39216	38757	39002	0.59	cps
Molybdenum	96-1	44257	43412	44173	43947	1.06	cps
Molybdenum	97-1	24632	24306	23922	24287	1.46	cps
Molybdenum	98-1	62604	62671	64638	63304	1.83	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1430	1237	1250	1306	8.27	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	19389	20232	20315	19979	2.56	cps
Rhodium	103-1	7341434	7351424	7244294	7312384	0.81	cps
Rhodium	103-2	1932395	1908078	1931629	1924034	0.72	cps
Scandium	45-1	4379169	4332645	4423864	4378559	1.04	cps
Scandium	45-2	35482	35061	34630	35057	1.22	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	30	37	31	33	11.79	cps
Selenium	82-1	1352	1181	1288	1274	6.80	cps
Silicon	28-1	479836	482238	480533	480869	0.26	cps
Silver	109-1	19448	21167	20942	20519	4.55	cps
Silver	107-1	20700	21510	20591	20934	2.40	cps
Sodium	23-2	80587	79129	79011	79576	1.10	cps
Strontium	86-1	6243	5952	6385	6193	3.57	cps
Strontium	88-1	46790	46740	47567	47032	0.99	cps
Sulfur	34-1	366539	362659	361607	363602	0.71	cps
Terbium	159-1	9531585	9501508	9582663	9538585	0.43	cps
Terbium	159-2	2011612	2013455	2027776	2017614	0.44	cps
Thallium	203-1	13241	14392	13833	13822	4.17	cps
Thallium	205-1	31014	31933	30930	31292	1.78	cps
Tin	118-1	65913	65528	64816	65419	0.85	cps
Titanium	47-1	10104	10454	10738	10432	3.04	cps
Uranium	238-1	38787	38686	38386	38619	0.54	cps
Vanadium	51-2	6555	6165	6205	6308	3.40	cps
Yttrium	89-1	8265251	8359395	8384473	8336373	0.75	cps
Yttrium	89-2	249257	247050	249574	248627	0.55	cps
Zinc	66-2	567	683	600	617	9.74	cps
Zirconium	90-1	27880	28732	29049	28553	2.12	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BSRE	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 17:37:09	DataFile Name :	025LCSE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6352	6444	6735	6510	3.08	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:35:33	DataFile Name :	026CCV_P8090117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308653	305626	302029	305436	1.09	cps
Antimony	121-1	4869266	4873796	4903170	4882077	0.38	cps
Arsenic	75-2	51235	51049	50750	51012	0.48	cps
Barium	135-1	5056253	5134279	5193392	5127975	1.34	cps
Barium	137-1	8828563	8814955	8909841	8851120	0.58	cps
Beryllium	9-1	618883	613376	618493	616917	0.50	cps
Bismuth	209-1	5215243	5250505	5314169	5259972	0.95	cps
Bismuth	209-2	1503027	1482793	1480447	1488756	0.83	cps
Boron	10-1	70046	71478	73120	71548	2.15	cps
Boron	11-1	332591	330290	337077	333319	1.04	cps
Cadmium	111-1	1013789	1013361	1024566	1017238	0.62	cps
Cadmium	106-1	106452	106141	107015	106536	0.42	cps
Cadmium	108-1	71635	72502	72314	72150	0.63	cps
Calcium	43-1	4853476	4840987	4944710	4879725	1.16	cps
Calcium	44-1	79830071	79613323	79426381	79623258	0.25	cps
Chromium	52-2	430493	427465	427951	428636	0.38	cps
Cobalt	59-2	907746	906577	906831	907051	0.07	cps
Copper	63-2	1592055	1577641	1537235	1568977	1.81	cps
Dysprosium	156-1	83	117	108	103	16.88	cps
Dysprosium	156-2	13	23	13	17	34.65	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	100	108	92	100	8.33	cps
Gadolinium	160-2	20	7	27	18	57.27	cps
Holmium	165-1	9017352	9142320	9247279	9135650	1.26	cps
Holmium	165-2	2024680	1989178	1973724	1995861	1.31	cps
Indium	115-1	7288169	7458226	7489441	7411945	1.46	cps
Indium	115-2	310320	306784	302998	306701	1.19	cps
Iron	56-2	69533650	68358817	68622220	68838229	0.90	cps
Iron	57-2	1803386	1755177	1762305	1773623	1.47	cps
Lead	206-1	2806440	2795422	2791634	2797832	0.27	cps
Lead	207-1	2528109	2534589	2565477	2542725	0.79	cps
Lead	208-1	11409023	11378500	11477244	11421589	0.44	cps
Lithium	6-1	1008944	1023383	1032119	1021482	1.15	cps
Magnesium	24-2	7607572	7538913	7502650	7549712	0.71	cps
Manganese	55-2	232777	231015	230283	231358	0.55	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:35:33	DataFile Name :	026CCV_P8090117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3843038	3863977	3868655	3858557	0.35	cps
Molybdenum	95-1	2087187	2079506	2110220	2092304	0.76	cps
Molybdenum	96-1	2650122	2682150	2749220	2693831	1.88	cps
Molybdenum	97-1	1260923	1270435	1285039	1272132	0.95	cps
Molybdenum	98-1	3332197	3368452	3353843	3351497	0.54	cps
Neodymium	150-1	200	293	193	229	24.43	cps
Neodymium	150-2	10	10	17	12	31.50	cps
Nickel	60-2	265733	266621	264664	265673	0.37	cps
Phosphorus	31-2	4926	4309	4159	4465	9.10	cps
Potassium	39-2	2224080	2141091	2190290	2185154	1.91	cps
Rhodium	103-1	6598871	6732378	6750684	6693978	1.24	cps
Rhodium	103-2	1738433	1699992	1702851	1713759	1.25	cps
Scandium	45-1	4092114	4189376	4177032	4152840	1.28	cps
Scandium	45-2	34990	33166	33854	34004	2.71	cps
Selenium	77-2	337	347	340	341	1.49	cps
Selenium	78-2	1128	1232	1159	1173	4.53	cps
Selenium	82-1	63634	63161	63166	63320	0.43	cps
Silicon	28-1	2731753	2805368	2909819	2815647	3.18	cps
Silver	109-1	4777519	4817424	4793322	4796089	0.42	cps
Silver	107-1	5029015	4995141	5042644	5022267	0.49	cps
Sodium	23-2	18848736	18490991	18424528	18588085	1.23	cps
Strontium	86-1	1361399	1355077	1362694	1359724	0.30	cps
Strontium	88-1	11802882	11741560	11662759	11735734	0.60	cps
Sulfur	34-1	682515	679092	683784	681797	0.36	cps
Terbium	159-1	9404881	9402317	9693139	9500112	1.76	cps
Terbium	159-2	1951169	1907428	1896531	1918376	1.51	cps
Thallium	203-1	3466268	3436675	3555397	3486113	1.77	cps
Thallium	205-1	8145730	8080198	8241840	8155923	1.00	cps
Tin	118-1	3381930	3430569	3479187	3430562	1.42	cps
Titanium	47-1	527951	526615	528786	527784	0.21	cps
Uranium	238-1	10578764	10610099	10644704	10611189	0.31	cps
Vanadium	51-2	326163	324010	323405	324526	0.45	cps
Yttrium	89-1	7911516	7912824	8050809	7958383	1.01	cps
Yttrium	89-2	233000	230869	231044	231638	0.51	cps
Zinc	66-2	133583	133115	133566	133421	0.20	cps
Zirconium	90-1	7340732	7390119	7429437	7386763	0.60	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:35:33	DataFile Name :	026CCV_P8090117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1646666	1651574	1639901	1646047	0.36	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:38:32	DataFile Name :	027CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	58	31	78.72	cps
Antimony	121-1	4334	4634	4084	4351	6.33	cps
Arsenic	75-2	2	4	11	6	88.24	cps
Barium	135-1	25	42	8	25	66.68	cps
Barium	137-1	33	25	58	39	44.62	cps
Beryllium	9-1	183	233	239	219	14.00	cps
Bismuth	209-1	5186147	5739770	5789551	5571823	6.01	cps
Bismuth	209-2	1612599	1609112	1605538	1609083	0.22	cps
Boron	10-1	1825	1742	1759	1775	2.48	cps
Boron	11-1	8445	7477	7561	7827	6.85	cps
Cadmium	111-1	973	1096	1193	1088	10.14	cps
Cadmium	106-1	1333	1533	1642	1503	10.41	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	1842	1909	1575	1775	9.94	cps
Calcium	44-1	31963	31937	32873	32258	1.65	cps
Chromium	52-2	700	677	670	682	2.31	cps
Cobalt	59-2	43	50	53	49	10.42	cps
Copper	63-2	197	190	137	174	18.85	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	50	33	39	24.74	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	8467412	9404196	9433790	9101799	6.04	cps
Holmium	165-2	2051796	2020487	2030789	2034357	0.78	cps
Indium	115-1	7137481	7988382	8039470	7721777	6.56	cps
Indium	115-2	332764	332528	330623	331972	0.35	cps
Iron	56-2	2639	2339	2489	2489	6.03	cps
Iron	57-2	67	72	89	76	15.23	cps
Lead	206-1	950	833	856	880	7.04	cps
Lead	207-1	889	789	878	852	6.43	cps
Lead	208-1	3778	3578	3639	3665	2.80	cps
Lithium	6-1	983774	1099763	1112839	1065459	6.67	cps
Magnesium	24-2	175	108	175	153	25.19	cps
Manganese	55-2	60	33	30	41	40.00	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:38:32	DataFile Name :	027CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	592	458	547	14.07	cps
Molybdenum	95-1	283	258	217	253	13.32	cps
Molybdenum	96-1	442	350	400	397	11.56	cps
Molybdenum	97-1	217	233	167	206	16.88	cps
Molybdenum	98-1	417	317	358	364	13.80	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	80	97	87	10.18	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	3000	3025	2800	2942	4.19	cps
Rhodium	103-1	6529226	7283019	7428832	7080359	6.82	cps
Rhodium	103-2	1895769	1891249	1869910	1885643	0.73	cps
Scandium	45-1	3834166	4309612	4286312	4143363	6.47	cps
Scandium	45-2	35111	33834	34800	34582	1.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	6	7	4	89.21	cps
Selenium	82-1	-17	-6	53	10	368.21	cps
Silicon	28-1	436956	429944	430717	432539	0.89	cps
Silver	109-1	358	325	358	347	5.54	cps
Silver	107-1	342	325	283	317	9.49	cps
Sodium	23-2	8178	8345	7627	8050	4.66	cps
Strontium	86-1	983	883	1083	983	10.17	cps
Strontium	88-1	100	108	242	150	53.00	cps
Sulfur	34-1	364820	363176	361245	363080	0.49	cps
Terbium	159-1	8859493	9868021	9819832	9515782	5.98	cps
Terbium	159-2	1958296	1954028	1990932	1967752	1.03	cps
Thallium	203-1	1100	1058	958	1039	7.01	cps
Thallium	205-1	2317	2500	2325	2381	4.35	cps
Tin	118-1	2250	2375	2059	2228	7.16	cps
Titanium	47-1	158	225	183	189	17.83	cps
Uranium	238-1	300	292	300	297	1.62	cps
Vanadium	51-2	20	0	17	12	87.67	cps
Yttrium	89-1	7394204	8286968	8261657	7980943	6.37	cps
Yttrium	89-2	243313	238863	240510	240895	0.93	cps
Zinc	66-2	40	33	40	38	10.19	cps
Zirconium	90-1	1092	1450	1408	1317	14.88	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:38:32	DataFile Name :	027CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	300	367	314	15.10	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:41:41	DataFile Name :	028SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	0	17	86.60	cps
Antimony	121-1	1575	1367	1258	1400	11.50	cps
Arsenic	75-2	2	2	0	1	86.60	cps
Barium	135-1	17	8	8	11	43.34	cps
Barium	137-1	50	42	58	50	16.67	cps
Beryllium	9-1	267	144	178	196	32.19	cps
Bismuth	209-1	5594540	5512222	5605664	5570809	0.92	cps
Bismuth	209-2	1597090	1556990	1598299	1584126	1.48	cps
Boron	10-1	992	1008	800	933	12.40	cps
Boron	11-1	4134	4026	4134	4098	1.53	cps
Cadmium	111-1	1087	936	1024	1016	7.50	cps
Cadmium	106-1	1542	1325	1442	1436	7.55	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	1917	1609	1592	1706	10.73	cps
Calcium	44-1	31712	32522	32146	32127	1.26	cps
Chromium	52-2	730	680	760	723	5.59	cps
Cobalt	59-2	47	37	37	40	14.43	cps
Copper	63-2	210	190	183	194	7.14	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	17	50	36	48.03	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	75	92	67	78	16.37	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Holmium	165-1	9213556	9086167	9249853	9183192	0.94	cps
Holmium	165-2	2021394	1953637	2023579	1999537	1.99	cps
Indium	115-1	7873350	7645878	7899491	7806240	1.79	cps
Indium	115-2	329081	323038	328789	326970	1.04	cps
Iron	56-2	2167	1845	2089	2034	8.27	cps
Iron	57-2	78	44	72	65	27.55	cps
Lead	206-1	806	817	717	780	7.03	cps
Lead	207-1	594	628	794	672	15.94	cps
Lead	208-1	3217	2995	3284	3165	4.78	cps
Lithium	6-1	1083778	1038675	1090685	1071046	2.64	cps
Magnesium	24-2	142	167	83	131	32.75	cps
Manganese	55-2	33	47	20	33	40.01	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:41:41	DataFile Name :	028SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	550	317	469	28.20	cps
Molybdenum	95-1	75	108	75	86	22.35	cps
Molybdenum	96-1	258	275	183	239	20.44	cps
Molybdenum	97-1	83	42	67	64	32.83	cps
Molybdenum	98-1	158	167	125	150	14.70	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	107	53	79	33.89	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2684	2825	2492	2667	6.27	cps
Rhodium	103-1	7194401	7057253	7146671	7132775	0.98	cps
Rhodium	103-2	1890221	1871847	1871341	1877803	0.57	cps
Scandium	45-1	4295045	4212509	4339247	4282267	1.50	cps
Scandium	45-2	33627	33393	34238	33753	1.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	-43	-50	-48	-47	-7.84	cps
Silicon	28-1	398591	397130	397774	397832	0.18	cps
Silver	109-1	117	192	225	178	31.21	cps
Silver	107-1	225	150	200	192	19.92	cps
Sodium	23-2	6152	5776	6060	5996	3.26	cps
Strontium	86-1	933	833	850	872	6.14	cps
Strontium	88-1	233	167	192	197	17.08	cps
Sulfur	34-1	368520	366622	368778	367973	0.32	cps
Terbium	159-1	9540695	9374901	9744984	9553527	1.94	cps
Terbium	159-2	1971485	1917009	1946589	1945028	1.40	cps
Thallium	203-1	333	283	358	325	11.75	cps
Thallium	205-1	817	842	692	783	10.26	cps
Tin	118-1	1350	1575	1450	1458	7.73	cps
Titanium	47-1	108	175	92	125	35.28	cps
Uranium	238-1	200	100	133	144	35.25	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	8106866	7917338	8191071	8071758	1.74	cps
Yttrium	89-2	240427	234209	238066	237567	1.32	cps
Zinc	66-2	73	43	53	57	26.96	cps
Zirconium	90-1	1308	1367	942	1206	19.11	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:41:41	DataFile Name :	028SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	367	175	286	34.75	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:44:50	DataFile Name :	029SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	258	208	206	26.38	cps
Antimony	121-1	37963	38523	37688	38058	1.12	cps
Arsenic	75-2	228	220	226	225	1.72	cps
Barium	135-1	38407	39384	38908	38900	1.26	cps
Barium	137-1	68939	68252	65555	67582	2.65	cps
Beryllium	9-1	2617	2828	2673	2706	4.05	cps
Bismuth	209-1	5485723	5535316	5475539	5498859	0.58	cps
Bismuth	209-2	1383832	1485836	1455696	1441788	3.63	cps
Boron	10-1	7010	7069	7102	7060	0.66	cps
Boron	11-1	33432	33148	34384	33654	1.92	cps
Cadmium	111-1	5461	5269	5168	5299	2.81	cps
Cadmium	106-1	1884	1967	1792	1881	4.65	cps
Cadmium	108-1	292	292	292	292	0.00	cps
Calcium	43-1	20841	21526	20624	20997	2.24	cps
Calcium	44-1	346853	348668	341630	345717	1.06	cps
Chromium	52-2	4064	3927	3821	3937	3.10	cps
Cobalt	59-2	3651	3467	3547	3555	2.59	cps
Copper	63-2	6835	6525	6415	6592	3.31	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	100	58	108	89	30.13	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	100	50	33	61	56.78	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	9246917	9302085	9168377	9239126	0.73	cps
Holmium	165-2	1775807	1884355	1854980	1838381	3.05	cps
Indium	115-1	7853583	7909660	7791314	7851519	0.75	cps
Indium	115-2	291930	312236	306111	303426	3.43	cps
Iron	56-2	219689	211718	207423	212943	2.92	cps
Iron	57-2	5562	5257	5435	5418	2.83	cps
Lead	206-1	13229	13202	12696	13042	2.30	cps
Lead	207-1	11711	11873	11567	11717	1.31	cps
Lead	208-1	53746	52705	51743	52731	1.90	cps
Lithium	6-1	1082845	1078521	1085630	1082332	0.33	cps
Magnesium	24-2	29390	28480	26693	28187	4.87	cps
Manganese	55-2	500	493	513	502	2.03	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:44:50	DataFile Name :	029SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	32983	33509	32156	32883	2.07	cps
Molybdenum	95-1	39559	39183	38740	39160	1.05	cps
Molybdenum	96-1	44432	43504	44908	44281	1.61	cps
Molybdenum	97-1	24565	24640	23947	24384	1.56	cps
Molybdenum	98-1	64940	63022	62620	63527	1.95	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1200	1223	1140	1188	3.62	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	19389	19239	18830	19153	1.51	cps
Rhodium	103-1	7180884	7218429	7142518	7180610	0.53	cps
Rhodium	103-2	1642088	1787039	1740437	1723188	4.29	cps
Scandium	45-1	4274052	4322449	4321630	4306043	0.64	cps
Scandium	45-2	30681	32100	31392	31391	2.26	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	24	17	54	31	62.25	cps
Selenium	82-1	1363	1346	1267	1325	3.90	cps
Silicon	28-1	479719	482331	480702	480917	0.27	cps
Silver	109-1	20207	20575	20400	20394	0.90	cps
Silver	107-1	20650	21885	20884	21140	3.10	cps
Sodium	23-2	76875	75317	73206	75133	2.45	cps
Strontium	86-1	6519	6252	6460	6410	2.19	cps
Strontium	88-1	47074	46431	45159	46221	2.11	cps
Sulfur	34-1	367778	370524	370418	369573	0.42	cps
Terbium	159-1	9551255	9591297	9480324	9540958	0.59	cps
Terbium	159-2	1712514	1851099	1812160	1791924	3.99	cps
Thallium	203-1	13616	13942	13558	13705	1.51	cps
Thallium	205-1	32125	32743	32885	32584	1.24	cps
Tin	118-1	65444	67278	64699	65807	2.02	cps
Titanium	47-1	10479	10771	10946	10732	2.20	cps
Uranium	238-1	41420	41027	40016	40821	1.77	cps
Vanadium	51-2	6262	5791	5615	5889	5.68	cps
Yttrium	89-1	8220586	8230931	8201465	8217661	0.18	cps
Yttrium	89-2	209916	224978	219944	218279	3.51	cps
Zinc	66-2	513	590	607	570	8.73	cps
Zirconium	90-1	29608	29424	28990	29341	1.08	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102018BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:44:50	DataFile Name :	029SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6852	6327	6552	6577	4.01	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:47:58	DataFile Name :	030SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	42	31	62.99	cps
Antimony	121-1	417	342	483	414	17.12	cps
Arsenic	75-2	11	0	2	4	137.79	cps
Barium	135-1	33	17	75	42	72.11	cps
Barium	137-1	58	58	17	44	54.12	cps
Beryllium	9-1	100	172	178	150	28.93	cps
Bismuth	209-1	5569121	5519317	5576709	5555049	0.56	cps
Bismuth	209-2	1599055	1635066	1609448	1614523	1.15	cps
Boron	10-1	675	767	683	708	7.16	cps
Boron	11-1	3301	3084	3109	3164	3.75	cps
Cadmium	111-1	1060	991	1032	1028	3.37	cps
Cadmium	106-1	1508	1417	1475	1467	3.16	cps
Cadmium	108-1	13	25	13	17	43.30	cps
Calcium	43-1	1525	1533	1675	1578	5.34	cps
Calcium	44-1	30568	31678	31177	31141	1.79	cps
Chromium	52-2	677	760	707	714	5.91	cps
Cobalt	59-2	43	63	40	49	25.81	cps
Copper	63-2	233	190	203	209	10.62	cps
Dysprosium	156-1	17	42	0	19	107.85	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	92	75	25	64	54.31	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	9228900	9102092	9268899	9199964	0.95	cps
Holmium	165-2	2036981	2072250	2051702	2053644	0.86	cps
Indium	115-1	7866529	7722386	7963039	7850652	1.54	cps
Indium	115-2	334610	343319	333511	337147	1.59	cps
Iron	56-2	1761	2006	1845	1871	6.64	cps
Iron	57-2	67	39	72	59	30.14	cps
Lead	206-1	717	767	733	739	3.45	cps
Lead	207-1	745	644	700	696	7.20	cps
Lead	208-1	2756	2950	3034	2913	4.89	cps
Lithium	6-1	1090990	1083021	1081314	1085108	0.48	cps
Magnesium	24-2	133	167	125	142	15.56	cps
Manganese	55-2	37	80	37	51	48.94	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:47:58	DataFile Name :	030SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	225	233	250	14.53	cps
Molybdenum	95-1	25	83	58	56	52.68	cps
Molybdenum	96-1	100	100	133	111	17.32	cps
Molybdenum	97-1	8	42	58	36	70.51	cps
Molybdenum	98-1	125	42	75	81	52.07	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	123	73	87	94	27.42	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2709	2459	2792	2653	6.54	cps
Rhodium	103-1	7204954	7186042	7326687	7239228	1.05	cps
Rhodium	103-2	1878743	1921099	1874926	1891589	1.35	cps
Scandium	45-1	4292438	4262193	4321412	4292014	0.69	cps
Scandium	45-2	34483	35812	35087	35127	1.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	2	-11	-67	-26	-143.88	cps
Silicon	28-1	395805	391132	393309	393415	0.59	cps
Silver	109-1	367	217	200	261	35.16	cps
Silver	107-1	275	267	233	258	8.53	cps
Sodium	23-2	5026	5043	5034	5034	0.17	cps
Strontium	86-1	1025	1008	767	933	15.49	cps
Strontium	88-1	117	133	133	128	7.53	cps
Sulfur	34-1	373562	373107	370524	372397	0.44	cps
Terbium	159-1	9631058	9574451	9747592	9651034	0.91	cps
Terbium	159-2	1990438	2030419	1968350	1996402	1.58	cps
Thallium	203-1	258	192	267	239	17.21	cps
Thallium	205-1	683	608	608	633	6.84	cps
Tin	118-1	717	825	850	797	8.89	cps
Titanium	47-1	175	108	100	128	32.17	cps
Uranium	238-1	67	67	117	83	34.64	cps
Vanadium	51-2	7	27	27	20	57.73	cps
Yttrium	89-1	8218397	8121153	8320910	8220153	1.22	cps
Yttrium	89-2	245156	247903	243802	245620	0.85	cps
Zinc	66-2	37	87	40	54	51.35	cps
Zirconium	90-1	700	533	717	650	15.60	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BL	Instrumnet Name :	P8
Client Sample ID :	PBW010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:47:58	DataFile Name :	030SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	100	175	122	37.55	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:51:07	DataFile Name :	031SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	258	208	228	11.76	cps
Antimony	121-1	37454	38306	37996	37919	1.14	cps
Arsenic	75-2	222	209	241	224	7.06	cps
Barium	135-1	38825	37170	38281	38092	2.21	cps
Barium	137-1	66895	66082	66108	66362	0.70	cps
Beryllium	9-1	2561	2756	2739	2686	4.01	cps
Bismuth	209-1	5431021	5452293	5395207	5426174	0.53	cps
Bismuth	209-2	1593362	1577113	1577070	1582515	0.59	cps
Boron	10-1	7052	7069	7377	7166	2.56	cps
Boron	11-1	32697	33022	33632	33117	1.43	cps
Cadmium	111-1	5197	4986	5213	5132	2.46	cps
Cadmium	106-1	1900	1892	2167	1986	7.88	cps
Cadmium	108-1	317	288	346	317	9.21	cps
Calcium	43-1	20366	20991	21108	20822	1.92	cps
Calcium	44-1	341553	344924	347837	344771	0.91	cps
Chromium	52-2	3987	4121	4157	4088	2.19	cps
Cobalt	59-2	3991	3957	4017	3988	0.75	cps
Copper	63-2	6835	7102	6825	6921	2.27	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	13	33	20	22	45.83	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	9242471	9126045	9013518	9127345	1.25	cps
Holmium	165-2	2015427	2010916	2023077	2016473	0.30	cps
Indium	115-1	7935513	7760690	7859724	7851976	1.12	cps
Indium	115-2	338608	332054	334248	334970	1.00	cps
Iron	56-2	231532	228220	224703	228151	1.50	cps
Iron	57-2	5724	5751	5762	5746	0.35	cps
Lead	206-1	13024	13280	12673	12992	2.34	cps
Lead	207-1	11689	11900	11717	11769	0.98	cps
Lead	208-1	53245	52894	51898	52679	1.33	cps
Lithium	6-1	1076098	1111799	1107752	1098550	1.78	cps
Magnesium	24-2	29674	29406	30016	29699	1.03	cps
Manganese	55-2	500	647	503	550	15.22	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:51:07	DataFile Name :	031SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	32549	32732	32256	32512	0.74	cps
Molybdenum	95-1	39082	39517	38648	39082	1.11	cps
Molybdenum	96-1	42693	43446	44281	43474	1.83	cps
Molybdenum	97-1	23647	24673	24748	24356	2.53	cps
Molybdenum	98-1	62922	63131	62813	62956	0.26	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1360	1237	1227	1275	5.83	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	20432	20098	20249	20260	0.83	cps
Rhodium	103-1	7270999	7232910	7095855	7199922	1.28	cps
Rhodium	103-2	1899590	1894138	1899010	1897579	0.16	cps
Scandium	45-1	4355426	4314777	4323393	4331199	0.49	cps
Scandium	45-2	34987	34616	34075	34559	1.33	cps
Selenium	77-2	13	7	3	8	65.47	cps
Selenium	78-2	33	24	20	26	25.75	cps
Selenium	82-1	1308	1194	1302	1268	5.05	cps
Silicon	28-1	478119	474389	475420	475976	0.40	cps
Silver	109-1	20024	20458	20258	20247	1.07	cps
Silver	107-1	20550	21176	20533	20753	1.77	cps
Sodium	23-2	79027	78727	78274	78676	0.48	cps
Strontium	86-1	6335	6168	6652	6385	3.85	cps
Strontium	88-1	47651	46430	46982	47021	1.30	cps
Sulfur	34-1	364357	366871	366556	365928	0.37	cps
Terbium	159-1	9754754	9629933	9446210	9610299	1.61	cps
Terbium	159-2	2003080	1974105	1963234	1980139	1.04	cps
Thallium	203-1	12749	13583	13258	13196	3.19	cps
Thallium	205-1	31607	32134	31465	31735	1.11	cps
Tin	118-1	66399	65218	64314	65310	1.60	cps
Titanium	47-1	10947	9912	10188	10349	5.18	cps
Uranium	238-1	40626	39297	39673	39865	1.72	cps
Vanadium	51-2	6588	6235	6465	6429	2.79	cps
Yttrium	89-1	8285099	8196738	8137398	8206411	0.91	cps
Yttrium	89-2	246469	242923	245615	245002	0.76	cps
Zinc	66-2	673	643	623	647	3.89	cps
Zirconium	90-1	27404	28915	28456	28258	2.74	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	PB102019BS	Instrumnet Name :	P8
Client Sample ID :	LCS010	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:51:07	DataFile Name :	031SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6185	6202	6218	6202	0.27	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5061-07A	Instrumnet Name :	P8
Client Sample ID :	MET1Y1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:54:19	DataFile Name :	032SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95202	94028	93525	94252	0.91	cps
Antimony	121-1	28465	28423	28056	28314	0.79	cps
Arsenic	75-2	10057	10020	9822	9967	1.27	cps
Barium	135-1	902562	903449	893710	899907	0.60	cps
Barium	137-1	1620768	1595545	1573137	1596483	1.49	cps
Beryllium	9-1	1850	1706	2017	1858	8.38	cps
Bismuth	209-1	5508523	5429282	5382074	5439960	1.17	cps
Bismuth	209-2	1568865	1566275	1565420	1566853	0.11	cps
Boron	10-1	1525	1692	1750	1656	7.05	cps
Boron	11-1	7310	7210	7185	7235	0.91	cps
Cadmium	111-1	5504	5589	5731	5608	2.05	cps
Cadmium	106-1	2184	1992	1909	2028	6.95	cps
Cadmium	108-1	388	354	288	343	14.84	cps
Calcium	43-1	451684	457498	450369	453184	0.84	cps
Calcium	44-1	7463893	7423773	7331063	7406243	0.92	cps
Chromium	52-2	36040	35786	35188	35671	1.23	cps
Cobalt	59-2	43451	43495	42776	43240	0.93	cps
Copper	63-2	118117	117962	116728	117602	0.65	cps
Dysprosium	156-1	47906	47579	47136	47540	0.81	cps
Dysprosium	156-2	10928	10925	11428	11094	2.61	cps
Erbium	164-1	43516	42688	42504	42902	1.26	cps
Erbium	164-2	8616	8816	8780	8738	1.22	cps
Gadolinium	160-1	46651	47998	46518	47056	1.74	cps
Gadolinium	160-2	13594	13944	13480	13673	1.77	cps
Holmium	165-1	9211847	9010955	9071950	9098251	1.13	cps
Holmium	165-2	2029073	1992738	1987057	2002956	1.14	cps
Indium	115-1	7814384	7726847	7770718	7770649	0.56	cps
Indium	115-2	328729	327866	333876	330157	0.98	cps
Iron	56-2	30254217	29573306	29560228	29795917	1.33	cps
Iron	57-2	753687	743375	746452	747838	0.71	cps
Lead	206-1	5024772	4982705	4984675	4997384	0.48	cps
Lead	207-1	4030721	3931627	3858298	3940215	2.20	cps
Lead	208-1	19068457	18770407	18639114	18825992	1.17	cps
Lithium	6-1	1097413	1094581	1107225	1099740	0.60	cps
Magnesium	24-2	262619	263454	260487	262187	0.58	cps
Manganese	55-2	466791	463465	458466	462907	0.91	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5061-07A	Instrumnet Name :	P8
Client Sample ID :	MET1Y1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:54:19	DataFile Name :	032SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28667	30002	28230	28966	3.19	cps
Molybdenum	95-1	25859	26343	25826	26009	1.11	cps
Molybdenum	96-1	30803	31529	31145	31159	1.17	cps
Molybdenum	97-1	16452	16686	15968	16369	2.24	cps
Molybdenum	98-1	41297	41481	41748	41509	0.55	cps
Neodymium	150-1	75524	74082	75926	75178	1.29	cps
Neodymium	150-2	10384	10181	10067	10211	1.57	cps
Nickel	60-2	25524	24719	24679	24974	1.91	cps
Phosphorus	31-2	1842	1792	1700	1778	4.04	cps
Potassium	39-2	39206	39039	38003	38749	1.68	cps
Rhodium	103-1	7264313	7094399	7079898	7146203	1.43	cps
Rhodium	103-2	1860341	1856285	1880463	1865696	0.69	cps
Scandium	45-1	4423755	4358193	4389039	4390329	0.75	cps
Scandium	45-2	35214	34569	35191	34991	1.05	cps
Selenium	77-2	47	67	47	53	21.65	cps
Selenium	78-2	31	41	30	34	17.53	cps
Selenium	82-1	169	323	284	259	31.01	cps
Silicon	28-1	7039420	5969878	4983025	5997441	17.15	cps
Silver	109-1	5827	6152	6302	6093	3.99	cps
Silver	107-1	5993	6052	6444	6163	3.97	cps
Sodium	23-2	16393	16385	16135	16304	0.90	cps
Strontium	86-1	121124	119175	120267	120189	0.81	cps
Strontium	88-1	1029373	1034127	1028529	1030676	0.29	cps
Sulfur	34-1	388097	386031	380394	384841	1.04	cps
Terbium	159-1	9586450	9495914	9527247	9536537	0.48	cps
Terbium	159-2	1966887	1936159	1963054	1955366	0.86	cps
Thallium	203-1	5185	4976	5060	5074	2.07	cps
Thallium	205-1	11364	11881	11789	11678	2.36	cps
Tin	118-1	118866	117866	115664	117465	1.39	cps
Titanium	47-1	211368	211112	214658	212379	0.93	cps
Uranium	238-1	36847	37115	36271	36744	1.17	cps
Vanadium	51-2	35535	34342	34623	34833	1.79	cps
Yttrium	89-1	8929014	8848286	8872706	8883336	0.47	cps
Yttrium	89-2	262309	261744	264325	262793	0.52	cps
Zinc	66-2	78635	79060	77542	78412	1.00	cps
Zirconium	90-1	38188	37328	38417	37978	1.51	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5061-07A	Instrumnet Name :	P8
Client Sample ID :	MET1Y1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:54:19	DataFile Name :	032SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8745	8737	8195	8559	3.68	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-08	Instrumnet Name :	P8
Client Sample ID :	MBDD01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:57:28	DataFile Name :	033SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	33	92	61	47.89	cps
Antimony	121-1	2192	2025	2334	2184	7.07	cps
Arsenic	75-2	87	128	102	106	19.54	cps
Barium	135-1	188719	185442	187620	187260	0.89	cps
Barium	137-1	327125	325243	323360	325242	0.58	cps
Beryllium	9-1	211	128	144	161	27.37	cps
Bismuth	209-1	5609904	5633173	5595092	5612723	0.34	cps
Bismuth	209-2	1657507	1638626	1637185	1644439	0.69	cps
Boron	10-1	6318	6610	6435	6454	2.27	cps
Boron	11-1	30116	30183	29715	30004	0.84	cps
Cadmium	111-1	1333	1250	1361	1315	4.42	cps
Cadmium	106-1	1492	1400	1533	1475	4.62	cps
Cadmium	108-1	46	38	29	38	22.21	cps
Calcium	43-1	575307	572398	574437	574047	0.26	cps
Calcium	44-1	9364458	9287352	9267855	9306555	0.55	cps
Chromium	52-2	1140	993	1033	1056	7.18	cps
Cobalt	59-2	9353	9223	9393	9323	0.95	cps
Copper	63-2	3424	3340	3400	3388	1.27	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	83	42	75	67	33.07	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	9513130	9590927	9512835	9538964	0.47	cps
Holmium	165-2	2123695	2111236	2110312	2115081	0.35	cps
Indium	115-1	8293787	8201610	8171225	8222207	0.78	cps
Indium	115-2	355217	350509	351006	352244	0.73	cps
Iron	56-2	6657	6824	6902	6794	1.84	cps
Iron	57-2	239	200	156	198	21.04	cps
Lead	206-1	3840	3940	3806	3862	1.80	cps
Lead	207-1	3217	3162	3050	3143	2.70	cps
Lead	208-1	15321	15171	14354	14948	3.48	cps
Lithium	6-1	1134764	1129856	1128781	1131134	0.28	cps
Magnesium	24-2	202101	201474	199593	201056	0.65	cps
Manganese	55-2	68497	67439	67422	67786	0.91	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-08	Instrumnet Name :	P8
Client Sample ID :	MBDD01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:57:28	DataFile Name :	033SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	317	308	325	6.78	cps
Molybdenum	95-1	175	192	83	150	38.89	cps
Molybdenum	96-1	267	250	217	244	10.41	cps
Molybdenum	97-1	167	125	117	136	19.68	cps
Molybdenum	98-1	283	225	225	244	13.78	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	14064	13657	14184	13968	1.98	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	68777	66173	64423	66458	3.30	cps
Rhodium	103-1	7526475	7376078	7409542	7437365	1.06	cps
Rhodium	103-2	1962749	1945188	1918256	1942064	1.15	cps
Scandium	45-1	4675393	4616608	4589564	4627188	0.95	cps
Scandium	45-2	36404	35722	36668	36265	1.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	57	72	-24	35	146.69	cps
Silicon	28-1	9377291	9377926	9337576	9364264	0.25	cps
Silver	109-1	2692	2967	3042	2900	6.36	cps
Silver	107-1	3509	3267	3309	3362	3.84	cps
Sodium	23-2	7264393	7159381	7081581	7168452	1.28	cps
Strontium	86-1	463941	470822	462405	465723	0.96	cps
Strontium	88-1	4032906	4044992	4015359	4031086	0.37	cps
Sulfur	34-1	663152	657944	655892	658996	0.57	cps
Terbium	159-1	10125909	9986211	9940932	10017684	0.96	cps
Terbium	159-2	2082973	2076258	2056853	2072028	0.65	cps
Thallium	203-1	933	1242	1108	1095	14.13	cps
Thallium	205-1	2450	3059	2984	2831	11.72	cps
Tin	118-1	2025	1892	2334	2084	10.87	cps
Titanium	47-1	325	158	258	247	33.93	cps
Uranium	238-1	75	75	117	89	27.07	cps
Vanadium	51-2	517	507	613	546	10.80	cps
Yttrium	89-1	8724647	8751420	8621756	8699274	0.79	cps
Yttrium	89-2	255609	255157	251732	254166	0.83	cps
Zinc	66-2	20318	19968	19714	20000	1.52	cps
Zirconium	90-1	583	683	658	642	8.11	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-08	Instrumnet Name :	P8
Client Sample ID :	MBDD01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 18:57:28	DataFile Name :	033SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	133	167	142	15.56	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-08	Instrumnet Name :	P8
Client Sample ID :	MBDD02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:00:38	DataFile Name :	034SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	117	75	48.43	cps
Antimony	121-1	1692	1817	2009	1839	8.67	cps
Arsenic	75-2	109	96	107	104	6.72	cps
Barium	135-1	186329	184234	186141	185568	0.62	cps
Barium	137-1	326797	321032	321450	323093	0.99	cps
Beryllium	9-1	211	178	172	187	11.25	cps
Bismuth	209-1	5664172	5582606	5527716	5591498	1.23	cps
Bismuth	209-2	1636124	1634054	1632337	1634172	0.12	cps
Boron	10-1	6127	6068	5977	6057	1.25	cps
Boron	11-1	28980	28496	29114	28863	1.13	cps
Cadmium	111-1	1353	1394	1223	1323	6.77	cps
Cadmium	106-1	1634	1559	1417	1536	7.16	cps
Cadmium	108-1	46	25	33	35	30.20	cps
Calcium	43-1	575563	570434	567837	571278	0.69	cps
Calcium	44-1	9366442	9249022	9323160	9312875	0.64	cps
Chromium	52-2	1653	1580	1577	1603	2.70	cps
Cobalt	59-2	9220	9680	9040	9313	3.55	cps
Copper	63-2	2820	2797	2674	2764	2.85	cps
Dysprosium	156-1	17	17	50	28	69.27	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	75	75	58	69	13.85	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	9553557	9477338	9211836	9414244	1.91	cps
Holmium	165-2	2121144	2093725	2104305	2106391	0.66	cps
Indium	115-1	8108631	8074714	8064331	8082559	0.29	cps
Indium	115-2	350094	348918	349974	349662	0.19	cps
Iron	56-2	7536	7864	7080	7493	5.25	cps
Iron	57-2	289	194	228	237	20.21	cps
Lead	206-1	2923	3178	2873	2991	5.48	cps
Lead	207-1	2762	2595	2511	2623	4.86	cps
Lead	208-1	12097	11919	12142	12053	0.98	cps
Lithium	6-1	1146529	1141010	1121490	1136343	1.16	cps
Magnesium	24-2	199219	198503	200019	199247	0.38	cps
Manganese	55-2	69324	67733	68400	68486	1.17	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-08	Instrumnet Name :	P8
Client Sample ID :	MBDD02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:00:38	DataFile Name :	034SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	308	375	314	18.65	cps
Molybdenum	95-1	217	175	183	192	11.50	cps
Molybdenum	96-1	300	300	267	289	6.66	cps
Molybdenum	97-1	225	167	208	200	15.03	cps
Molybdenum	98-1	350	258	267	292	17.38	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13530	13343	13420	13431	0.70	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	68183	67286	67563	67677	0.68	cps
Rhodium	103-1	7421848	7526957	7301058	7416621	1.52	cps
Rhodium	103-2	1966112	1946241	1950277	1954210	0.54	cps
Scandium	45-1	4691991	4535852	4521962	4583268	2.06	cps
Scandium	45-2	36080	36053	36638	36257	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	92	92	-46	46	173.08	cps
Silicon	28-1	9240198	9134666	9093342	9156069	0.83	cps
Silver	109-1	2317	2600	2359	2425	6.31	cps
Silver	107-1	2559	2284	2417	2420	5.68	cps
Sodium	23-2	7093763	7195054	7152218	7147012	0.71	cps
Strontium	86-1	466185	470016	465275	467159	0.54	cps
Strontium	88-1	4092232	4039522	3931263	4021006	2.04	cps
Sulfur	34-1	662347	661428	663421	662399	0.15	cps
Terbium	159-1	10028860	9894063	9783837	9902253	1.24	cps
Terbium	159-2	2044994	2043741	2078430	2055722	0.96	cps
Thallium	203-1	925	917	1200	1014	15.90	cps
Thallium	205-1	2542	2367	2534	2481	3.98	cps
Tin	118-1	1342	1275	1650	1422	14.08	cps
Titanium	47-1	200	283	225	236	18.11	cps
Uranium	238-1	100	58	92	83	26.46	cps
Vanadium	51-2	510	517	507	511	1.00	cps
Yttrium	89-1	8645517	8675701	8564344	8628520	0.67	cps
Yttrium	89-2	254852	252583	255595	254343	0.62	cps
Zinc	66-2	19320	19133	19307	19254	0.54	cps
Zirconium	90-1	642	625	642	636	1.51	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-08	Instrumnet Name :	P8
Client Sample ID :	MBDD02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:00:38	DataFile Name :	034SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	167	125	142	15.56	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-09	Instrumnet Name :	P8
Client Sample ID :	MBDD03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:03:48	DataFile Name :	035SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	300	250	269	9.94	cps
Antimony	121-1	1200	1408	1483	1364	10.76	cps
Arsenic	75-2	15	26	28	23	30.72	cps
Barium	135-1	161879	162393	161997	162090	0.17	cps
Barium	137-1	284038	282011	284265	283438	0.44	cps
Beryllium	9-1	239	200	228	222	9.01	cps
Bismuth	209-1	5627242	5500453	5548319	5558671	1.15	cps
Bismuth	209-2	1627527	1617613	1621495	1622211	0.31	cps
Boron	10-1	5360	5443	5076	5293	3.63	cps
Boron	11-1	24054	23687	24764	24168	2.26	cps
Cadmium	111-1	1500	1629	1488	1539	5.08	cps
Cadmium	106-1	1450	1483	1467	1467	1.14	cps
Cadmium	108-1	46	67	67	60	20.15	cps
Calcium	43-1	563616	558186	558455	560086	0.55	cps
Calcium	44-1	9186495	9145592	9058944	9130344	0.71	cps
Chromium	52-2	863	857	930	883	4.59	cps
Cobalt	59-2	8096	7756	7579	7810	3.36	cps
Copper	63-2	12749	12052	12022	12274	3.35	cps
Dysprosium	156-1	3684	3851	3926	3820	3.24	cps
Dysprosium	156-2	1150	1060	1033	1081	5.65	cps
Erbium	164-1	3234	3234	3192	3220	0.75	cps
Erbium	164-2	647	600	657	634	4.77	cps
Gadolinium	160-1	4293	4434	4334	4354	1.67	cps
Gadolinium	160-2	1313	1240	1253	1269	3.08	cps
Holmium	165-1	9421622	9247892	9269129	9312881	1.02	cps
Holmium	165-2	2122410	2069976	2090014	2094133	1.26	cps
Indium	115-1	8108006	7977169	8011601	8032259	0.84	cps
Indium	115-2	345659	342480	343709	343949	0.47	cps
Iron	56-2	74264	72840	72924	73343	1.09	cps
Iron	57-2	1900	1872	1961	1911	2.38	cps
Lead	206-1	8431	8425	8764	8540	2.27	cps
Lead	207-1	6724	6902	7386	7004	4.89	cps
Lead	208-1	33046	32717	34063	33276	2.11	cps
Lithium	6-1	1135819	1106391	1132772	1124994	1.44	cps
Magnesium	24-2	201112	200606	198989	200235	0.55	cps
Manganese	55-2	67723	67201	68146	67690	0.70	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-09	Instrumnet Name :	P8
Client Sample ID :	MBDD03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:03:48	DataFile Name :	035SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	358	325	331	7.70	cps
Molybdenum	95-1	75	92	100	89	14.33	cps
Molybdenum	96-1	183	150	250	194	26.19	cps
Molybdenum	97-1	125	125	133	128	3.76	cps
Molybdenum	98-1	183	133	150	156	16.37	cps
Neodymium	150-1	8677	8370	8176	8407	3.00	cps
Neodymium	150-2	1187	1150	1230	1189	3.37	cps
Nickel	60-2	1830	1833	1717	1793	3.70	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	68149	66005	67496	67217	1.63	cps
Rhodium	103-1	7424320	7279101	7293838	7332420	1.09	cps
Rhodium	103-2	1942208	1921217	1918691	1927372	0.67	cps
Scandium	45-1	4536946	4502807	4490204	4509986	0.54	cps
Scandium	45-2	36163	35649	36548	36120	1.25	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	0	9	9	6	86.60	cps
Selenium	82-1	-27	36	-2	2	1350.17	cps
Silicon	28-1	8208715	8224655	8118422	8183931	0.70	cps
Silver	109-1	1942	1925	2042	1970	3.20	cps
Silver	107-1	2100	1875	2242	2072	8.92	cps
Sodium	23-2	7281315	7227243	7329014	7279191	0.70	cps
Strontium	86-1	452629	448901	447412	449647	0.60	cps
Strontium	88-1	3894779	3890258	3839838	3874959	0.79	cps
Sulfur	34-1	683018	683011	675836	680622	0.61	cps
Terbium	159-1	9892592	9715740	9817625	9808652	0.90	cps
Terbium	159-2	2032216	2039619	2012461	2028099	0.69	cps
Thallium	203-1	575	558	600	578	3.63	cps
Thallium	205-1	1333	1358	1408	1367	2.79	cps
Tin	118-1	1734	1617	1684	1678	3.49	cps
Titanium	47-1	233	242	333	269	20.59	cps
Uranium	238-1	1992	2134	1917	2014	5.46	cps
Vanadium	51-2	23	33	30	29	17.63	cps
Yttrium	89-1	8734663	8580016	8510506	8608395	1.33	cps
Yttrium	89-2	254649	251840	253057	253182	0.56	cps
Zinc	66-2	13287	12913	13453	13218	2.09	cps
Zirconium	90-1	1017	775	717	836	19.03	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-09	Instrumnet Name :	P8
Client Sample ID :	MBDD03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:03:48	DataFile Name :	035SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	125	233	217	39.03	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-10	Instrumnet Name :	P8
Client Sample ID :	MBDD05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:06:58	DataFile Name :	036SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	133	200	158	22.94	cps
Antimony	121-1	1559	1567	1500	1542	2.36	cps
Arsenic	75-2	61	37	43	47	26.87	cps
Barium	135-1	171414	171382	170917	171237	0.16	cps
Barium	137-1	295448	298715	296671	296945	0.56	cps
Beryllium	9-1	200	150	189	180	14.62	cps
Bismuth	209-1	5519376	5522982	5490057	5510805	0.33	cps
Bismuth	209-2	1619651	1642671	1628372	1630231	0.71	cps
Boron	10-1	4843	5293	5260	5132	4.89	cps
Boron	11-1	25031	25950	25557	25513	1.81	cps
Cadmium	111-1	1396	1457	1679	1511	9.87	cps
Cadmium	106-1	1317	1333	1567	1406	9.95	cps
Cadmium	108-1	108	38	25	57	78.92	cps
Calcium	43-1	566675	563631	562910	564405	0.35	cps
Calcium	44-1	9254941	9313230	9210213	9259461	0.56	cps
Chromium	52-2	2414	2457	2774	2548	7.71	cps
Cobalt	59-2	7129	7202	7352	7228	1.58	cps
Copper	63-2	13106	13003	12726	12945	1.52	cps
Dysprosium	156-1	83	67	92	81	15.80	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	50	150	125	108	48.04	cps
Erbium	164-2	27	33	13	24	41.66	cps
Gadolinium	160-1	158	150	125	144	12.01	cps
Gadolinium	160-2	40	23	17	27	45.07	cps
Holmium	165-1	9337550	9299063	9299336	9311983	0.24	cps
Holmium	165-2	2085220	2155513	2099543	2113425	1.76	cps
Indium	115-1	8104214	7974057	8079826	8052699	0.86	cps
Indium	115-2	341509	347049	346141	344899	0.86	cps
Iron	56-2	17697	17655	16527	17293	3.84	cps
Iron	57-2	467	378	400	415	11.15	cps
Lead	206-1	1867	1772	1989	1876	5.79	cps
Lead	207-1	1767	1645	1633	1682	4.40	cps
Lead	208-1	7523	7384	7873	7594	3.32	cps
Lithium	6-1	1120190	1112479	1133428	1122033	0.94	cps
Magnesium	24-2	201711	201956	201137	201601	0.21	cps
Manganese	55-2	67419	68979	68125	68174	1.15	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-10	Instrumnet Name :	P8
Client Sample ID :	MBDD05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:06:58	DataFile Name :	036SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	433	408	389	14.59	cps
Molybdenum	95-1	150	117	117	128	15.06	cps
Molybdenum	96-1	217	175	192	194	10.79	cps
Molybdenum	97-1	100	142	125	122	17.16	cps
Molybdenum	98-1	208	250	250	236	10.19	cps
Neodymium	150-1	100	113	60	91	30.47	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	4047	3857	3977	3961	2.43	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	67353	68048	69422	68274	1.54	cps
Rhodium	103-1	7265625	7201579	7285819	7251008	0.61	cps
Rhodium	103-2	1934557	1944221	1940175	1939651	0.25	cps
Scandium	45-1	4502999	4481137	4511131	4498422	0.34	cps
Scandium	45-2	35037	35896	35953	35629	1.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-5	1	-11	-5	-124.90	cps
Silicon	28-1	8315614	8328507	8370393	8338171	0.34	cps
Silver	109-1	1608	1584	1792	1661	6.85	cps
Silver	107-1	2092	1842	1800	1911	8.26	cps
Sodium	23-2	7341749	7469606	7431057	7414137	0.88	cps
Strontium	86-1	456913	456018	456780	456570	0.11	cps
Strontium	88-1	3958118	3945150	3948224	3950497	0.17	cps
Sulfur	34-1	686806	681900	679402	682703	0.55	cps
Terbium	159-1	9833886	9788943	9811069	9811299	0.23	cps
Terbium	159-2	2026947	2076804	2051781	2051844	1.21	cps
Thallium	203-1	500	733	567	600	20.03	cps
Thallium	205-1	1725	1467	1534	1575	8.52	cps
Tin	118-1	983	1042	1050	1025	3.54	cps
Titanium	47-1	392	408	350	383	7.84	cps
Uranium	238-1	83	100	58	81	26.03	cps
Vanadium	51-2	247	220	257	241	7.86	cps
Yttrium	89-1	8514225	8445683	8499133	8486347	0.42	cps
Yttrium	89-2	249412	250540	250863	250272	0.30	cps
Zinc	66-2	11869	11652	11598	11706	1.22	cps
Zirconium	90-1	850	850	975	892	8.09	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-10	Instrumnet Name :	P8
Client Sample ID :	MBDD05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:06:58	DataFile Name :	036SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	208	133	192	27.15	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-11	Instrumnet Name :	P8
Client Sample ID :	MBDD07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:10:09	DataFile Name :	037SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	108	117	125	17.64	cps
Antimony	121-1	1759	1892	1725	1792	4.92	cps
Arsenic	75-2	33	43	43	40	13.53	cps
Barium	135-1	178987	175061	174218	176089	1.45	cps
Barium	137-1	309856	305143	305871	306957	0.83	cps
Beryllium	9-1	194	150	161	169	13.72	cps
Bismuth	209-1	5722586	5664935	5698494	5695338	0.51	cps
Bismuth	209-2	1652670	1638105	1629036	1639937	0.73	cps
Boron	10-1	5276	5368	5601	5415	3.10	cps
Boron	11-1	25757	26300	27193	26417	2.74	cps
Cadmium	111-1	1549	1523	1577	1550	1.74	cps
Cadmium	106-1	1475	1442	1467	1461	1.19	cps
Cadmium	108-1	54	75	29	53	43.48	cps
Calcium	43-1	586959	582110	585975	585014	0.44	cps
Calcium	44-1	9630616	9481458	9522041	9544705	0.81	cps
Chromium	52-2	717	673	683	691	3.28	cps
Cobalt	59-2	7442	7245	7259	7315	1.50	cps
Copper	63-2	12843	12786	13126	12918	1.41	cps
Dysprosium	156-1	58	92	67	72	24.02	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	108	67	100	92	24.05	cps
Erbium	164-2	20	0	27	16	89.22	cps
Gadolinium	160-1	183	92	108	128	38.21	cps
Gadolinium	160-2	27	23	13	21	32.88	cps
Holmium	165-1	9694034	9562899	9608834	9621923	0.69	cps
Holmium	165-2	2138972	2088593	2124923	2117496	1.23	cps
Indium	115-1	8291311	8130214	8050101	8157209	1.51	cps
Indium	115-2	343406	342084	345131	343540	0.44	cps
Iron	56-2	10399	10927	10916	10747	2.81	cps
Iron	57-2	300	228	261	263	13.74	cps
Lead	206-1	2017	1856	1817	1896	5.59	cps
Lead	207-1	1706	1583	1667	1652	3.78	cps
Lead	208-1	7562	7257	7273	7364	2.33	cps
Lithium	6-1	1169979	1158512	1178329	1168940	0.85	cps
Magnesium	24-2	207493	207011	203216	205906	1.14	cps
Manganese	55-2	70507	69636	69619	69921	0.73	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-11	Instrumnet Name :	P8
Client Sample ID :	MBDD07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:10:09	DataFile Name :	037SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	425	392	369	18.78	cps
Molybdenum	95-1	50	75	83	69	24.98	cps
Molybdenum	96-1	192	108	125	142	31.13	cps
Molybdenum	97-1	117	158	167	147	18.20	cps
Molybdenum	98-1	142	83	133	119	26.41	cps
Neodymium	150-1	67	100	87	84	19.87	cps
Neodymium	150-2	3	3	17	8	99.04	cps
Nickel	60-2	3481	3224	3334	3346	3.85	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	67479	71155	67505	68713	3.08	cps
Rhodium	103-1	7509625	7412967	7438637	7453743	0.67	cps
Rhodium	103-2	1967214	1938526	1944884	1950208	0.77	cps
Scandium	45-1	4604665	4604782	4543156	4584201	0.78	cps
Scandium	45-2	36066	35635	35669	35790	0.67	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	-139	-75	-11	-75	-85.39	cps
Silicon	28-1	8764994	8600088	8569827	8644970	1.22	cps
Silver	109-1	1634	1684	1592	1636	2.81	cps
Silver	107-1	1592	2067	1925	1861	13.10	cps
Sodium	23-2	7625837	7601543	7484800	7570727	1.00	cps
Strontium	86-1	475012	471309	466323	470881	0.93	cps
Strontium	88-1	4111756	4052547	4091938	4085414	0.74	cps
Sulfur	34-1	702491	694550	696394	697812	0.60	cps
Terbium	159-1	10243882	10124394	9894409	10087562	1.76	cps
Terbium	159-2	2060972	2062023	2042425	2055140	0.54	cps
Thallium	203-1	692	767	792	750	6.94	cps
Thallium	205-1	1834	1492	1408	1578	14.27	cps
Tin	118-1	1375	1142	1333	1283	9.70	cps
Titanium	47-1	283	350	358	331	12.44	cps
Uranium	238-1	75	100	92	89	14.33	cps
Vanadium	51-2	230	183	187	200	13.02	cps
Yttrium	89-1	8756138	8664590	8647823	8689517	0.67	cps
Yttrium	89-2	253361	249190	252460	251670	0.87	cps
Zinc	66-2	12109	12159	12216	12161	0.44	cps
Zirconium	90-1	875	758	708	781	10.96	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-11	Instrumnet Name :	P8
Client Sample ID :	MBDD07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:10:09	DataFile Name :	037SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	167	217	175	21.82	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-12	Instrumnet Name :	P8
Client Sample ID :	MBDD09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:13:19	DataFile Name :	038SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	125	83	117	25.75	cps
Antimony	121-1	1725	1759	1925	1803	5.94	cps
Arsenic	75-2	59	56	74	63	15.56	cps
Barium	135-1	185052	186768	183921	185247	0.77	cps
Barium	137-1	321416	321792	315537	319582	1.10	cps
Beryllium	9-1	183	194	161	180	9.45	cps
Bismuth	209-1	5724806	5205587	5671583	5533992	5.16	cps
Bismuth	209-2	1669871	1642053	1653461	1655128	0.84	cps
Boron	10-1	5560	5785	5926	5757	3.21	cps
Boron	11-1	26977	27460	26509	26982	1.76	cps
Cadmium	111-1	1531	1209	1227	1322	13.66	cps
Cadmium	106-1	1700	1200	1342	1414	18.23	cps
Cadmium	108-1	38	50	42	43	14.78	cps
Calcium	43-1	576275	580238	574735	577083	0.49	cps
Calcium	44-1	9451425	9539705	9404360	9465164	0.73	cps
Chromium	52-2	607	600	573	593	2.97	cps
Cobalt	59-2	8109	8369	8173	8217	1.65	cps
Copper	63-2	3797	3704	3864	3788	2.12	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	17	50	42	52.91	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	50	25	83	53	55.46	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Holmium	165-1	9793768	8750810	9528793	9357790	5.79	cps
Holmium	165-2	2152835	2112705	2137906	2134482	0.95	cps
Indium	115-1	8246704	7452109	8179435	7959416	5.54	cps
Indium	115-2	349479	345247	345050	346592	0.72	cps
Iron	56-2	5974	5979	5907	5953	0.68	cps
Iron	57-2	167	217	178	187	14.04	cps
Lead	206-1	2895	3151	3017	3021	4.23	cps
Lead	207-1	2656	2767	2700	2708	2.07	cps
Lead	208-1	12175	12108	12186	12156	0.35	cps
Lithium	6-1	1158294	1084900	1154513	1132569	3.65	cps
Magnesium	24-2	204518	202202	204838	203852	0.71	cps
Manganese	55-2	69522	69545	70192	69753	0.55	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-12	Instrumnet Name :	P8
Client Sample ID :	MBDD09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:13:19	DataFile Name :	038SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	358	308	308	16.24	cps
Molybdenum	95-1	150	50	92	97	51.67	cps
Molybdenum	96-1	158	158	167	161	2.99	cps
Molybdenum	97-1	92	50	83	75	29.40	cps
Molybdenum	98-1	133	142	100	125	17.64	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	7849	8163	7889	7967	2.14	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	69070	65536	68500	67702	2.80	cps
Rhodium	103-1	7510733	6848963	7347239	7235645	4.76	cps
Rhodium	103-2	1955930	1911585	1953861	1940459	1.29	cps
Scandium	45-1	4625709	4215542	4562311	4467854	4.94	cps
Scandium	45-2	36150	35091	35769	35670	1.50	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	0	6	4	89.21	cps
Selenium	82-1	-9	-111	12	-36	-183.08	cps
Silicon	28-1	8757625	8814514	8691082	8754407	0.71	cps
Silver	109-1	1575	1450	1458	1495	4.68	cps
Silver	107-1	1517	1684	1483	1561	6.86	cps
Sodium	23-2	7423873	7228705	7439196	7363925	1.59	cps
Strontium	86-1	467024	467399	465722	466715	0.19	cps
Strontium	88-1	4067765	4064536	4034942	4055748	0.45	cps
Sulfur	34-1	693568	695660	689666	692965	0.44	cps
Terbium	159-1	10088810	9134162	10029434	9750802	5.49	cps
Terbium	159-2	2089846	2053305	2085908	2076353	0.97	cps
Thallium	203-1	825	792	842	820	3.11	cps
Thallium	205-1	1817	1842	1984	1881	4.78	cps
Tin	118-1	917	1258	883	1020	20.36	cps
Titanium	47-1	300	283	275	286	4.45	cps
Uranium	238-1	50	75	75	67	21.65	cps
Vanadium	51-2	293	337	297	309	7.81	cps
Yttrium	89-1	8785149	7915004	8612040	8437398	5.46	cps
Yttrium	89-2	255275	250570	251491	252445	0.99	cps
Zinc	66-2	15355	15662	15876	15631	1.67	cps
Zirconium	90-1	617	692	608	639	7.18	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5037-12	Instrumnet Name :	P8
Client Sample ID :	MBDD09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:13:19	DataFile Name :	038SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	142	175	156	11.15	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-09	Instrumnet Name :	P8
Client Sample ID :	MBDD04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:16:29	DataFile Name :	039SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	258	300	300	13.89	cps
Antimony	121-1	2084	1834	2000	1972	6.45	cps
Arsenic	75-2	22	15	19	19	20.01	cps
Barium	135-1	170214	168467	167315	168665	0.87	cps
Barium	137-1	294456	294235	291336	293342	0.59	cps
Beryllium	9-1	200	250	244	231	11.84	cps
Bismuth	209-1	5845510	5701313	5713130	5753318	1.39	cps
Bismuth	209-2	1673299	1652413	1663904	1663205	0.63	cps
Boron	10-1	5518	5368	5468	5451	1.40	cps
Boron	11-1	24839	24730	26375	25315	3.63	cps
Cadmium	111-1	1682	1823	1713	1739	4.28	cps
Cadmium	106-1	1692	1809	1550	1684	7.69	cps
Cadmium	108-1	117	67	38	74	54.39	cps
Calcium	43-1	579910	570195	569224	573109	1.03	cps
Calcium	44-1	9512187	9458538	9323984	9431570	1.03	cps
Chromium	52-2	980	983	903	956	4.74	cps
Cobalt	59-2	8279	8259	8132	8224	0.97	cps
Copper	63-2	6272	6215	6185	6224	0.71	cps
Dysprosium	156-1	3892	3959	3792	3881	2.16	cps
Dysprosium	156-2	1043	1163	1060	1089	5.97	cps
Erbium	164-1	3434	3067	3192	3231	5.77	cps
Erbium	164-2	607	680	697	661	7.24	cps
Gadolinium	160-1	4843	4426	4551	4607	4.64	cps
Gadolinium	160-2	1220	1323	1317	1287	4.50	cps
Holmium	165-1	9846582	9690442	9561519	9699514	1.47	cps
Holmium	165-2	2142661	2116636	2131892	2130396	0.61	cps
Indium	115-1	8232370	8203984	8233054	8223136	0.20	cps
Indium	115-2	347328	345945	346831	346701	0.20	cps
Iron	56-2	61887	61240	60933	61354	0.79	cps
Iron	57-2	1661	1517	1322	1500	11.34	cps
Lead	206-1	7608	7464	7330	7467	1.86	cps
Lead	207-1	6624	6596	6519	6580	0.83	cps
Lead	208-1	30087	30260	29898	30082	0.60	cps
Lithium	6-1	1171635	1173173	1161747	1168852	0.53	cps
Magnesium	24-2	206537	203131	204931	204866	0.83	cps
Manganese	55-2	68343	68748	67509	68200	0.93	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-09	Instrumnet Name :	P8
Client Sample ID :	MBDD04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:16:29	DataFile Name :	039SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	350	442	400	11.60	cps
Molybdenum	95-1	117	108	125	117	7.14	cps
Molybdenum	96-1	258	258	242	253	3.81	cps
Molybdenum	97-1	142	125	142	136	7.07	cps
Molybdenum	98-1	175	183	117	158	22.94	cps
Neodymium	150-1	8463	8083	8183	8243	2.39	cps
Neodymium	150-2	1253	1093	1103	1150	7.79	cps
Nickel	60-2	3024	3224	3017	3088	3.80	cps
Phosphorus	31-2	0	25	17	14	91.65	cps
Potassium	39-2	69187	68902	69070	69053	0.21	cps
Rhodium	103-1	7557304	7514169	7463219	7511564	0.63	cps
Rhodium	103-2	1954653	1955137	1953876	1954555	0.03	cps
Scandium	45-1	4617494	4563380	4601473	4594116	0.61	cps
Scandium	45-2	35271	35719	35979	35657	1.00	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	6	0	11	6	99.97	cps
Selenium	82-1	1	-21	46	9	382.92	cps
Silicon	28-1	8620544	8545194	8480610	8548783	0.82	cps
Silver	109-1	1650	1225	1458	1445	14.74	cps
Silver	107-1	1559	1542	1942	1681	13.47	cps
Sodium	23-2	7534556	7514967	7497858	7515794	0.24	cps
Strontium	86-1	463823	460125	457877	460609	0.65	cps
Strontium	88-1	4034305	4008812	4018872	4020663	0.32	cps
Sulfur	34-1	709273	706483	705636	707131	0.27	cps
Terbium	159-1	10207627	10215904	10108490	10177340	0.59	cps
Terbium	159-2	2080249	2075445	2050630	2068775	0.77	cps
Thallium	203-1	483	667	600	583	15.91	cps
Thallium	205-1	1258	1434	1300	1331	6.87	cps
Tin	118-1	1150	1125	1217	1164	4.07	cps
Titanium	47-1	267	233	208	236	12.40	cps
Uranium	238-1	2142	2142	2067	2117	2.05	cps
Vanadium	51-2	40	57	33	43	27.74	cps
Yttrium	89-1	8867814	8772024	8640170	8760003	1.30	cps
Yttrium	89-2	253116	255861	253598	254192	0.58	cps
Zinc	66-2	29198	28940	28439	28859	1.34	cps
Zirconium	90-1	783	800	700	761	7.04	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-09	Instrumnet Name :	P8
Client Sample ID :	MBDD04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:16:29	DataFile Name :	039SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	150	175	158	9.12	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-10	Instrumnet Name :	P8
Client Sample ID :	MBDD06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:19:38	DataFile Name :	040SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	117	108	119	10.66	cps
Antimony	121-1	2450	1900	2159	2170	12.68	cps
Arsenic	75-2	57	37	50	48	21.41	cps
Barium	135-1	173134	171853	171912	172300	0.42	cps
Barium	137-1	303356	300659	302901	302305	0.48	cps
Beryllium	9-1	172	161	133	156	12.88	cps
Bismuth	209-1	5818928	5774657	5748580	5780722	0.62	cps
Bismuth	209-2	1668025	1637690	1653136	1652950	0.92	cps
Boron	10-1	5335	5618	5209	5387	3.88	cps
Boron	11-1	25098	25240	26726	25688	3.51	cps
Cadmium	111-1	1772	1806	1590	1723	6.75	cps
Cadmium	106-1	1634	1950	1450	1678	15.08	cps
Cadmium	108-1	25	67	54	49	43.99	cps
Calcium	43-1	568125	564684	561097	564635	0.62	cps
Calcium	44-1	9298887	9283098	9198837	9260274	0.58	cps
Chromium	52-2	667	647	650	654	1.64	cps
Cobalt	59-2	6802	6792	6979	6857	1.53	cps
Copper	63-2	16831	16704	16460	16665	1.13	cps
Dysprosium	156-1	117	33	50	67	66.15	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	75	133	117	108	27.74	cps
Erbium	164-2	33	33	17	28	34.63	cps
Gadolinium	160-1	58	167	75	100	58.33	cps
Gadolinium	160-2	10	27	27	21	45.58	cps
Holmium	165-1	9730868	9761469	9724570	9738969	0.20	cps
Holmium	165-2	2143928	2124571	2120711	2129737	0.58	cps
Indium	115-1	8321316	8107861	8216029	8215069	1.30	cps
Indium	115-2	343945	339173	344953	342690	0.90	cps
Iron	56-2	5896	5640	5662	5733	2.47	cps
Iron	57-2	144	139	117	133	11.02	cps
Lead	206-1	3667	3856	3528	3684	4.47	cps
Lead	207-1	3351	3312	3334	3332	0.59	cps
Lead	208-1	14910	15054	14654	14872	1.36	cps
Lithium	6-1	1197043	1168167	1193023	1186078	1.32	cps
Magnesium	24-2	199118	197741	201212	199357	0.88	cps
Manganese	55-2	66852	66950	67844	67215	0.81	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-10	Instrumnet Name :	P8
Client Sample ID :	MBDD06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:19:38	DataFile Name :	040SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	192	292	242	20.69	cps
Molybdenum	95-1	108	92	50	83	36.06	cps
Molybdenum	96-1	167	192	283	214	28.72	cps
Molybdenum	97-1	158	158	133	150	9.62	cps
Molybdenum	98-1	133	125	108	122	10.41	cps
Neodymium	150-1	73	33	93	67	45.83	cps
Neodymium	150-2	7	17	10	11	45.82	cps
Nickel	60-2	3064	3501	3127	3230	7.31	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	65906	65344	67303	66184	1.52	cps
Rhodium	103-1	7509308	7534372	7447118	7496933	0.60	cps
Rhodium	103-2	1940434	1935160	1934290	1936628	0.17	cps
Scandium	45-1	4628776	4544008	4537807	4570197	1.11	cps
Scandium	45-2	35712	35030	35779	35507	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	9	5	94.35	cps
Selenium	82-1	-70	67	-77	-27	-301.28	cps
Silicon	28-1	8424138	8425486	8442557	8430727	0.12	cps
Silver	109-1	1500	1550	1342	1464	7.43	cps
Silver	107-1	1542	1492	1500	1511	1.77	cps
Sodium	23-2	7315978	7270352	7346596	7310975	0.52	cps
Strontium	86-1	463070	451654	450526	455084	1.52	cps
Strontium	88-1	4011376	3935824	3939435	3962212	1.08	cps
Sulfur	34-1	695895	695182	689992	693690	0.46	cps
Terbium	159-1	10215027	10195033	10187698	10199253	0.14	cps
Terbium	159-2	2112693	2056526	2078417	2082545	1.36	cps
Thallium	203-1	600	683	683	656	7.34	cps
Thallium	205-1	1567	1517	1509	1531	2.06	cps
Tin	118-1	1367	1275	1400	1347	4.80	cps
Titanium	47-1	275	350	317	314	11.97	cps
Uranium	238-1	67	108	117	97	27.55	cps
Vanadium	51-2	170	173	210	184	12.03	cps
Yttrium	89-1	8745066	8662769	8735912	8714582	0.52	cps
Yttrium	89-2	251417	251353	249817	250863	0.36	cps
Zinc	66-2	19354	19047	19090	19163	0.87	cps
Zirconium	90-1	525	658	617	600	11.37	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-10	Instrumnet Name :	P8
Client Sample ID :	MBDD06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:19:38	DataFile Name :	040SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	158	192	150	30.94	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-11	Instrumnet Name :	P8
Client Sample ID :	MBDD08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:22:48	DataFile Name :	041SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	133	175	142	21.21	cps
Antimony	121-1	2184	1950	2359	2164	9.47	cps
Arsenic	75-2	39	44	28	37	22.90	cps
Barium	135-1	171742	172105	167219	170355	1.60	cps
Barium	137-1	298439	299536	296128	298034	0.58	cps
Beryllium	9-1	144	156	189	163	14.19	cps
Bismuth	209-1	5808275	5853791	5695910	5785992	1.40	cps
Bismuth	209-2	1656781	1472604	1627755	1585713	6.24	cps
Boron	10-1	5059	5710	5226	5332	6.34	cps
Boron	11-1	25348	25465	25048	25287	0.85	cps
Cadmium	111-1	1658	1503	1703	1621	6.49	cps
Cadmium	106-1	1642	1408	1900	1650	14.91	cps
Cadmium	108-1	71	42	63	58	25.75	cps
Calcium	43-1	559387	555855	557294	557512	0.32	cps
Calcium	44-1	9225296	9073220	9152621	9150379	0.83	cps
Chromium	52-2	670	620	580	623	7.23	cps
Cobalt	59-2	6999	6778	6682	6820	2.38	cps
Copper	63-2	14201	13433	14014	13883	2.88	cps
Dysprosium	156-1	100	67	75	81	21.54	cps
Dysprosium	156-2	20	7	13	13	49.99	cps
Erbium	164-1	92	83	100	92	9.09	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	67	100	117	94	26.96	cps
Gadolinium	160-2	37	23	27	29	24.03	cps
Holmium	165-1	9576535	9747461	9755697	9693231	1.04	cps
Holmium	165-2	2117054	1893430	2093536	2034673	6.04	cps
Indium	115-1	8209794	8295205	8228549	8244516	0.54	cps
Indium	115-2	344600	304448	339848	329632	6.66	cps
Iron	56-2	5624	5596	5718	5646	1.14	cps
Iron	57-2	172	139	150	154	11.04	cps
Lead	206-1	2934	2728	2778	2813	3.81	cps
Lead	207-1	2328	2395	2550	2424	4.70	cps
Lead	208-1	11130	11002	11202	11112	0.91	cps
Lithium	6-1	1194582	1208142	1183900	1195541	1.02	cps
Magnesium	24-2	197910	197133	195721	196921	0.56	cps
Manganese	55-2	66089	66420	64840	65783	1.27	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-11	Instrumnet Name :	P8
Client Sample ID :	MBDD08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:22:48	DataFile Name :	041SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	317	358	328	8.17	cps
Molybdenum	95-1	142	133	75	117	31.14	cps
Molybdenum	96-1	158	208	225	197	17.59	cps
Molybdenum	97-1	108	117	225	150	43.39	cps
Molybdenum	98-1	208	217	133	186	24.66	cps
Neodymium	150-1	47	60	53	53	12.50	cps
Neodymium	150-2	10	17	0	9	94.38	cps
Nickel	60-2	2984	3250	3074	3103	4.37	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	65060	64273	65076	64803	0.71	cps
Rhodium	103-1	7629677	7430360	7455548	7505195	1.45	cps
Rhodium	103-2	1968026	1713922	1931806	1871251	7.35	cps
Scandium	45-1	4655971	4608008	4579067	4614349	0.84	cps
Scandium	45-2	35495	31520	35348	34121	6.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	48	-59	-37	-16	-356.93	cps
Silicon	28-1	8439776	8317234	8306341	8354450	0.89	cps
Silver	109-1	1100	1317	1183	1200	9.11	cps
Silver	107-1	1325	1442	1375	1381	4.24	cps
Sodium	23-2	7273535	7248008	7103200	7208248	1.27	cps
Strontium	86-1	449709	446316	444036	446687	0.64	cps
Strontium	88-1	3941432	3959361	3882674	3927822	1.02	cps
Sulfur	34-1	692479	695668	692950	693699	0.25	cps
Terbium	159-1	10197002	10264688	10016288	10159326	1.26	cps
Terbium	159-2	2068799	1841422	2053285	1987835	6.39	cps
Thallium	203-1	792	525	783	700	21.66	cps
Thallium	205-1	1342	1500	1634	1492	9.79	cps
Tin	118-1	1200	1342	1233	1258	5.89	cps
Titanium	47-1	242	275	275	264	7.29	cps
Uranium	238-1	117	67	92	92	27.27	cps
Vanadium	51-2	230	193	173	199	14.45	cps
Yttrium	89-1	8702658	8714137	8684322	8700372	0.17	cps
Yttrium	89-2	250231	219568	246595	238798	7.02	cps
Zinc	66-2	17004	17364	16407	16925	2.86	cps
Zirconium	90-1	808	675	800	761	9.81	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-11	Instrumnet Name :	P8
Client Sample ID :	MBDD08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:22:48	DataFile Name :	041SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	167	200	181	9.61	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-12	Instrumnet Name :	P8
Client Sample ID :	MBDD10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:25:58	DataFile Name :	042SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	100	125	125	20.00	cps
Antimony	121-1	2317	2275	2584	2392	7.00	cps
Arsenic	75-2	91	81	96	90	8.36	cps
Barium	135-1	181530	179536	181723	180930	0.67	cps
Barium	137-1	313814	314497	313362	313891	0.18	cps
Beryllium	9-1	183	206	139	176	19.30	cps
Bismuth	209-1	5760350	5742261	5616529	5706380	1.37	cps
Bismuth	209-2	1645533	1619251	1625522	1630102	0.84	cps
Boron	10-1	6243	5735	5443	5807	6.97	cps
Boron	11-1	25949	26267	27385	26534	2.84	cps
Cadmium	111-1	1357	1426	1461	1415	3.75	cps
Cadmium	106-1	1492	1542	1525	1520	1.68	cps
Cadmium	108-1	42	46	33	40	15.80	cps
Calcium	43-1	569433	558221	564325	563993	1.00	cps
Calcium	44-1	9268923	9168410	9189942	9209092	0.57	cps
Chromium	52-2	553	657	573	594	9.22	cps
Cobalt	59-2	8123	8072	8052	8082	0.45	cps
Copper	63-2	4394	4711	4574	4560	3.48	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	75	75	42	64	30.12	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	9724515	9501510	9387888	9537971	1.80	cps
Holmium	165-2	2131881	2108072	2088159	2109370	1.04	cps
Indium	115-1	8241414	8151404	8221906	8204908	0.58	cps
Indium	115-2	341907	335859	337654	338473	0.92	cps
Iron	56-2	6285	6418	6324	6342	1.08	cps
Iron	57-2	222	161	233	206	18.92	cps
Lead	206-1	4529	4379	4684	4531	3.37	cps
Lead	207-1	3790	4062	3979	3943	3.54	cps
Lead	208-1	17539	17950	17761	17750	1.16	cps
Lithium	6-1	1189999	1162815	1163056	1171957	1.33	cps
Magnesium	24-2	200682	198552	198502	199245	0.62	cps
Manganese	55-2	68246	67422	67874	67847	0.61	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-12	Instrumnet Name :	P8
Client Sample ID :	MBDD10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:25:58	DataFile Name :	042SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	292	250	292	14.29	cps
Molybdenum	95-1	183	108	117	136	30.20	cps
Molybdenum	96-1	142	267	200	203	30.85	cps
Molybdenum	97-1	175	117	100	131	30.17	cps
Molybdenum	98-1	133	125	200	153	26.91	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	8466	8082	7996	8181	3.06	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	66500	66265	64733	65832	1.46	cps
Rhodium	103-1	7499964	7299069	7355936	7384990	1.40	cps
Rhodium	103-2	1925633	1905301	1890996	1907310	0.91	cps
Scandium	45-1	4545788	4502799	4426413	4491667	1.35	cps
Scandium	45-2	35789	34506	35321	35205	1.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	29	20	-65	-5	-964.75	cps
Silicon	28-1	8639737	8496774	8404099	8513537	1.39	cps
Silver	109-1	1133	1350	1175	1220	9.43	cps
Silver	107-1	1175	1042	1317	1178	11.68	cps
Sodium	23-2	7291347	7193849	7243649	7242948	0.67	cps
Strontium	86-1	461385	458012	455536	458311	0.64	cps
Strontium	88-1	4041626	3967689	3948801	3986038	1.23	cps
Sulfur	34-1	694649	682115	681311	686025	1.09	cps
Terbium	159-1	10151605	10001228	9997506	10050113	0.87	cps
Terbium	159-2	2079999	2012038	2021301	2037779	1.81	cps
Thallium	203-1	850	775	792	806	4.89	cps
Thallium	205-1	2134	1909	2000	2014	5.62	cps
Tin	118-1	1033	833	1050	972	12.40	cps
Titanium	47-1	325	317	275	306	8.77	cps
Uranium	238-1	117	67	67	83	34.64	cps
Vanadium	51-2	353	360	360	358	1.08	cps
Yttrium	89-1	8581566	8511678	8530266	8541170	0.42	cps
Yttrium	89-2	249186	246846	243753	246595	1.11	cps
Zinc	66-2	20809	20529	20492	20610	0.84	cps
Zirconium	90-1	617	750	783	717	12.31	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	I5038-12	Instrumnet Name :	P8
Client Sample ID :	MBDD10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:25:58	DataFile Name :	042SMPL_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	192	142	153	22.71	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:29:08	DataFile Name :	043CCV_P8090117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	288741	291796	289624	290054	0.54	cps
Antimony	121-1	4819904	4866266	4871185	4852452	0.58	cps
Arsenic	75-2	50042	50548	50254	50281	0.51	cps
Barium	135-1	5083856	5113867	5141671	5113131	0.57	cps
Barium	137-1	8812848	8898690	8945508	8885682	0.76	cps
Beryllium	9-1	608955	616545	604337	609946	1.01	cps
Bismuth	209-1	5353695	5375931	5257905	5329177	1.18	cps
Bismuth	209-2	1483461	1484633	1480298	1482798	0.15	cps
Boron	10-1	68347	72358	71537	70747	3.00	cps
Boron	11-1	328120	333688	335180	332329	1.12	cps
Cadmium	111-1	1023783	1027516	1028917	1026739	0.26	cps
Cadmium	106-1	105737	105537	107544	106272	1.04	cps
Cadmium	108-1	71007	72795	71782	71861	1.25	cps
Calcium	43-1	4834680	4870829	4814933	4840147	0.59	cps
Calcium	44-1	78742543	79123356	79607304	79157734	0.55	cps
Chromium	52-2	417918	418498	417239	417885	0.15	cps
Cobalt	59-2	891268	893091	888946	891101	0.23	cps
Copper	63-2	1529171	1551754	1528660	1536529	0.86	cps
Dysprosium	156-1	108	133	117	119	10.66	cps
Dysprosium	156-2	20	23	17	20	16.65	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	3	7	17	9	78.08	cps
Gadolinium	160-1	108	117	100	108	7.69	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	9112026	9302535	9100142	9171567	1.24	cps
Holmium	165-2	1948723	1945000	1958532	1950752	0.36	cps
Indium	115-1	7367694	7432519	7380107	7393440	0.47	cps
Indium	115-2	300070	302727	300013	300937	0.52	cps
Iron	56-2	66499432	67010045	66146507	66551995	0.65	cps
Iron	57-2	1726344	1713953	1721698	1720665	0.36	cps
Lead	206-1	2849897	2869453	2839145	2852832	0.54	cps
Lead	207-1	2563914	2632948	2585700	2594187	1.36	cps
Lead	208-1	11558369	11695868	11623961	11626066	0.59	cps
Lithium	6-1	1031605	1030164	1019675	1027148	0.63	cps
Magnesium	24-2	7214905	7323863	7295059	7277943	0.78	cps
Manganese	55-2	225478	223498	224329	224435	0.44	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:29:08	DataFile Name :	043CCV_P8090117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3857652	3892042	3823585	3857760	0.89	cps
Molybdenum	95-1	2102355	2120438	2104621	2109138	0.47	cps
Molybdenum	96-1	2680299	2722406	2726011	2709572	0.94	cps
Molybdenum	97-1	1283883	1286473	1294270	1288209	0.42	cps
Molybdenum	98-1	3344162	3336707	3363631	3348166	0.42	cps
Neodymium	150-1	193	167	247	202	20.14	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	258381	261173	258380	259311	0.62	cps
Phosphorus	31-2	4242	4159	3876	4092	4.70	cps
Potassium	39-2	2112403	2109177	2070301	2097294	1.12	cps
Rhodium	103-1	6630499	6590462	6686802	6635921	0.73	cps
Rhodium	103-2	1707980	1695945	1680161	1694695	0.82	cps
Scandium	45-1	4136775	4097671	4147522	4127323	0.64	cps
Scandium	45-2	32635	32471	32955	32687	0.75	cps
Selenium	77-2	390	403	367	387	4.80	cps
Selenium	78-2	1224	1174	1220	1206	2.31	cps
Selenium	82-1	63565	63115	63248	63309	0.37	cps
Silicon	28-1	2228917	2287559	2249736	2255404	1.32	cps
Silver	109-1	4796959	4841844	4823606	4820803	0.47	cps
Silver	107-1	4994096	5055875	5003890	5017954	0.66	cps
Sodium	23-2	18049065	18042354	18090181	18060533	0.14	cps
Strontium	86-1	1353449	1367403	1355820	1358891	0.55	cps
Strontium	88-1	11657181	11682763	11614267	11651403	0.30	cps
Sulfur	34-1	660572	662442	662794	661936	0.18	cps
Terbium	159-1	9532516	9546927	9624750	9568064	0.52	cps
Terbium	159-2	1905302	1892576	1906332	1901403	0.40	cps
Thallium	203-1	3504019	3564346	3582651	3550339	1.16	cps
Thallium	205-1	8157754	8411472	8298999	8289408	1.53	cps
Tin	118-1	3429660	3423689	3411196	3421515	0.28	cps
Titanium	47-1	521984	529691	529946	527207	0.86	cps
Uranium	238-1	10758974	10772814	10889037	10806942	0.66	cps
Vanadium	51-2	315570	317597	316366	316511	0.32	cps
Yttrium	89-1	7915856	7855644	7901200	7890900	0.40	cps
Yttrium	89-2	224157	226775	225385	225439	0.58	cps
Zinc	66-2	129279	131018	129838	130045	0.68	cps
Zirconium	90-1	7320761	7342878	7363804	7342481	0.29	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:29:08	DataFile Name :	043CCV_P8090117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1661849	1655503	1649455	1655602	0.37	cps

LB Number : LB89864 Operator : Jaswal
 Lab Sample ID : CCB078 Instrumnet Name : P8
 Client Sample ID : CCB078 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 19:32:09 DataFile Name : 044CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	8	17	86.62	cps
Antimony	121-1	4476	3934	3767	4059	9.13	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	100	67	67	78	24.75	cps
Barium	137-1	125	58	50	78	52.85	cps
Beryllium	9-1	167	217	172	185	14.80	cps
Bismuth	209-1	5548166	5491678	5574395	5538080	0.76	cps
Bismuth	209-2	1559661	1565927	1568505	1564698	0.29	cps
Boron	10-1	1633	1633	1775	1681	4.87	cps
Boron	11-1	7561	7144	6952	7219	4.31	cps
Cadmium	111-1	1148	1078	1006	1077	6.59	cps
Cadmium	106-1	1525	1367	1342	1411	7.05	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Calcium	43-1	1634	1550	1533	1572	3.41	cps
Calcium	44-1	31211	30852	30576	30880	1.03	cps
Chromium	52-2	687	633	583	634	8.15	cps
Cobalt	59-2	13	40	27	27	50.01	cps
Copper	63-2	317	327	363	336	7.32	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	83	58	83	75	19.24	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	9070855	9049880	9142134	9087623	0.53	cps
Holmium	165-2	1969432	1974293	1987798	1977174	0.48	cps
Indium	115-1	7738989	7648150	7567336	7651492	1.12	cps
Indium	115-2	320068	323300	322538	321969	0.52	cps
Iron	56-2	2706	2567	2523	2598	3.68	cps
Iron	57-2	61	83	78	74	15.62	cps
Lead	206-1	933	750	789	824	11.72	cps
Lead	207-1	756	817	717	763	6.61	cps
Lead	208-1	3417	3145	3184	3248	4.53	cps
Lithium	6-1	1050093	1060444	1055029	1055189	0.49	cps
Magnesium	24-2	183	192	117	164	25.08	cps
Manganese	55-2	60	70	40	57	26.96	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:32:09	DataFile Name :	044CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	617	592	581	7.37	cps
Molybdenum	95-1	208	167	275	217	25.22	cps
Molybdenum	96-1	517	458	367	447	16.91	cps
Molybdenum	97-1	175	242	133	183	29.81	cps
Molybdenum	98-1	517	392	375	428	18.10	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	133	97	112	16.89	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2775	2784	2500	2686	6.00	cps
Rhodium	103-1	7088184	7074236	6987505	7049975	0.77	cps
Rhodium	103-2	1798658	1828075	1824448	1817060	0.88	cps
Scandium	45-1	4130139	4151283	4117386	4132936	0.41	cps
Scandium	45-2	32077	32354	32925	32452	1.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-4	-90	-41	-45	-95.51	cps
Silicon	28-1	390180	380523	382956	384553	1.31	cps
Silver	109-1	575	625	608	603	4.22	cps
Silver	107-1	800	758	633	731	11.87	cps
Sodium	23-2	7227	6769	6952	6983	3.30	cps
Strontium	86-1	842	917	967	908	6.93	cps
Strontium	88-1	242	233	200	225	9.80	cps
Sulfur	34-1	341084	341528	343869	342161	0.44	cps
Terbium	159-1	9544374	9373429	9466150	9461318	0.90	cps
Terbium	159-2	1932835	1912703	1952842	1932793	1.04	cps
Thallium	203-1	333	458	400	397	15.75	cps
Thallium	205-1	867	933	917	906	3.83	cps
Tin	118-1	2034	1950	1917	1967	3.05	cps
Titanium	47-1	150	133	100	128	19.93	cps
Uranium	238-1	250	308	225	261	16.38	cps
Vanadium	51-2	20	0	7	9	114.55	cps
Yttrium	89-1	8031979	7934416	7890690	7952361	0.91	cps
Yttrium	89-2	230676	233811	228548	231011	1.15	cps
Zinc	66-2	53	77	70	67	18.03	cps
Zirconium	90-1	1025	1208	950	1061	12.52	cps

LB Number :	LB89864	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 19:32:09	DataFile Name :	044CCBE_P8090117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	192	250	214	14.75	cps