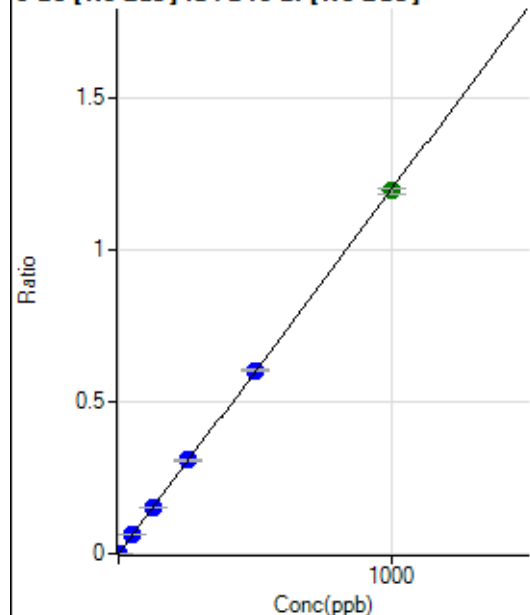


Batch Folder: D:\P8090117 MS.b\
Analysis File: P8090117 MS.batch.bin
DA Date-Time: 2017-09-01 15:34:04
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-09-01 11:40:23
2			
3	005CALS.d	S02	2017-09-01 11:47:31
4	006CALS.d	S03	2017-09-01 11:50:59
5	007CALS.d	S04	2017-09-01 11:54:27
6	008CALS.d	S05	2017-09-01 11:57:51
7	009CALS.d	S06	2017-09-01 12:01:08
8	010CALS.d	S07	2017-09-01 12:04:21
9	011CALS.d	S08	2017-09-01 12:07:29

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0001	P	10.4
2	☐	0.100					
3	☐	1.000	0.922	1298.24	0.0012	P	7.2
4	☐	50.000	51.257	68021.54	0.0617	P	0.6
5	☐	125.000	126.555	167955.03	0.1521	P	1.3
6	☐	250.000	256.171	339011.05	0.3078	P	0.7
7	☐	500.000	504.029	676627.87	0.6055	P	1.1
8	☐	1000.000	996.185	1342726.78	1.1965	A	1.9
9	☐			548.17	0.0005	P	10.3

$$y = 0.0012 * x + 1.0608E-004$$

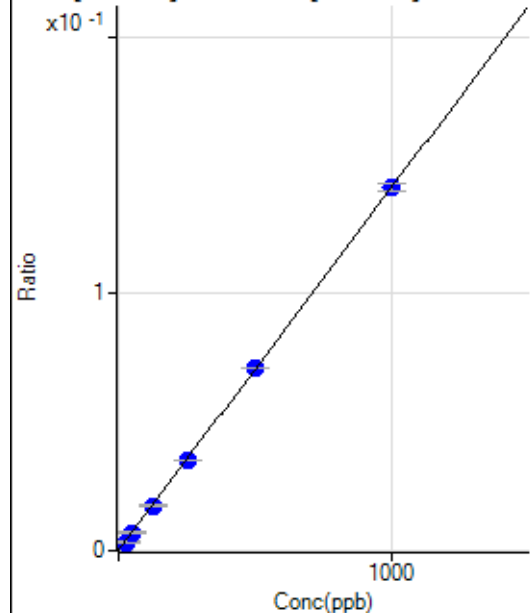
$$R = 1.0000$$

$$DL = 0.02762$$

$$BEC = 0.08833$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0002	P	11.1
2	☐	2.500					
3	☐	25.000	22.294	3558.94	0.0033	P	6.8
4	☐	50.000	48.575	7766.28	0.0070	P	3.6
5	☐	125.000	122.948	19369.34	0.0175	P	3.3
6	☐	250.000	249.395	38992.81	0.0354	P	0.5
7	☐	500.000	502.389	79498.09	0.0711	P	0.7
8	☐	1000.000	999.352	158569.11	0.1413	P	2.0
9	☐			5987.65	0.0056	P	3.0

$$y = 1.4121E-004 * x + 1.8144E-004$$

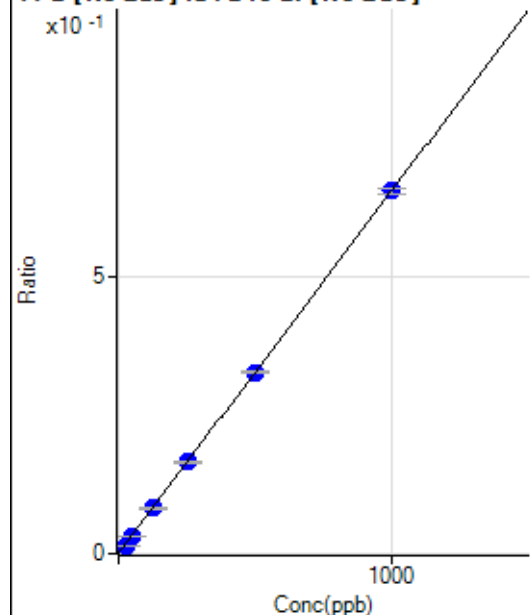
$$R = 1.0000$$

$$DL = 0.4264$$

$$BEC = 1.285$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	888.96	0.0008	P	7.0
2	☐	2.500					
3	☐	25.000	22.249	16396.02	0.0153	P	2.4
4	☐	50.000	48.824	36021.13	0.0327	P	0.2
5	☐	125.000	123.995	90208.53	0.0817	P	0.9
6	☐	250.000	251.615	181681.48	0.1649	P	1.8
7	☐	500.000	498.870	364588.60	0.3262	P	1.0
8	☐	1000.000	1000.415	733255.52	0.6534	P	1.5
9	☐			26720.30	0.0251	P	6.8

$$y = 6.5231\text{E-}004 * x + 8.0669\text{E-}004$$

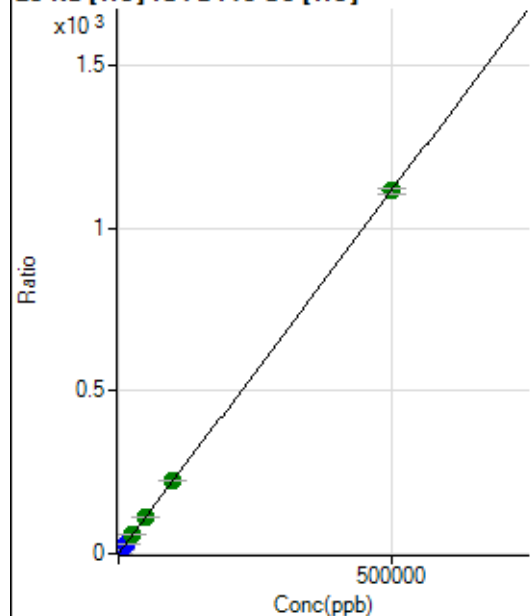
$$R = 1.0000$$

$$DL = 0.2597$$

$$BEC = 1.237$$

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	2644.83	0.0809	P	1.9
2	☐	50.000					
3	☐	500.000	440.860	34824.25	1.0643	P	1.3
4	☐	5000.000	4943.058	365946.24	11.1070	P	1.3
5	☐	12500.000	12494.568	915172.16	27.9515	P	0.7
6	☐	25000.000	25596.057	1853065.23	57.1759	A	1.1
7	☐	50000.000	51286.476	3648551.38	114.4813	A	1.0
8	☐	100000.00	100359.61	7090530.63	223.9445	A	1.1
9	☐	500000.00	499770.39	34983179.95	1,114.876	A	1.3

$$y = 0.0022 * x + 0.0809$$

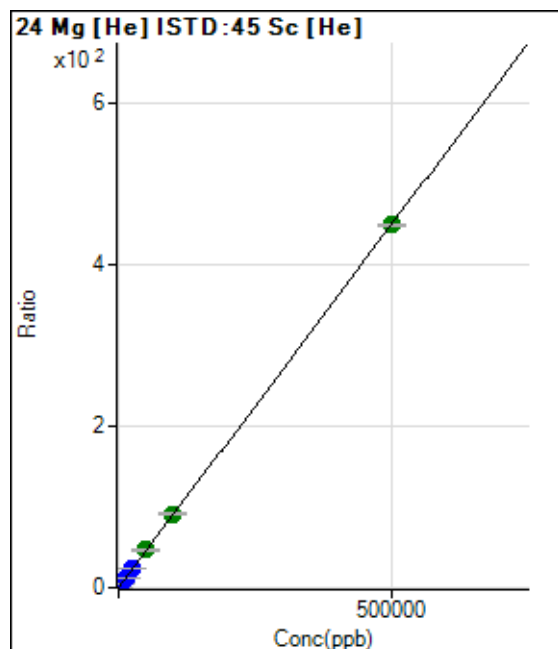
$$R = 1.0000$$

$$DL = 2.081$$

$$BEC = 36.28$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0020	P	49.4
2	☐	50.000					
3	☐	500.000	440.099	13009.25	0.3975	P	0.7
4	☐	5000.000	4990.803	147830.84	4.4870	P	1.7
5	☐	12500.000	12562.784	369700.60	11.2914	P	1.1
6	☐	25000.000	25341.453	738145.57	22.7748	P	0.3
7	☐	50000.000	51859.801	1485259.68	46.6053	A	1.4
8	☐	100000.00	101509.56	2888189.17	91.2225	A	1.3
9	☐	500000.00	499493.61	14085254.31	448.8663	A	0.7

$$y = 8.9864\text{E-}004 * x + 0.0020$$

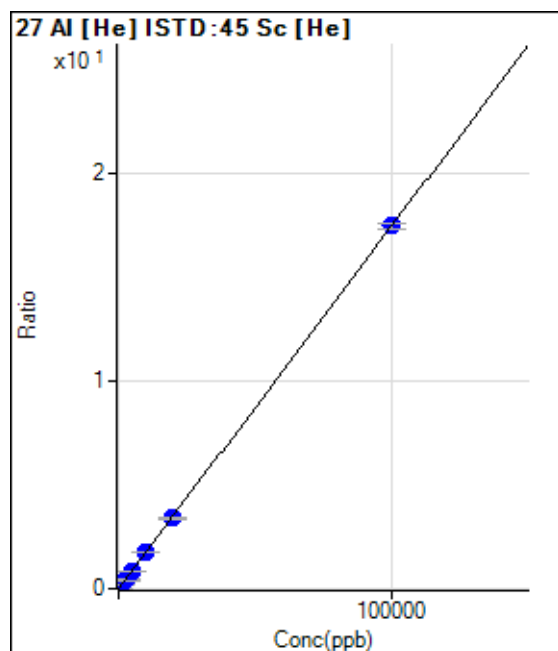
$$R = 1.0000$$

$$DL = 3.355$$

$$BEC = 2.263$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0008	P	1.0
2	☐	2.000					
3	☐	20.000	17.546	125.01	0.0038	P	19.0
4	☐	1000.000	973.273	5618.03	0.1706	P	4.1
5	☐	2500.000	2404.302	13757.20	0.4202	P	2.6
6	☐	5000.000	4989.694	28240.20	0.8713	P	1.3
7	☐	10000.000	9983.216	55531.66	1.7425	P	0.8
8	☐	20000.000	19420.651	107296.58	3.3889	P	1.4
9	☐	100000.00	100120.72	548118.67	17.4680	P	1.5

$$y = 1.7446\text{E-}004 * x + 7.6485\text{E-}004$$

$$R = 1.0000$$

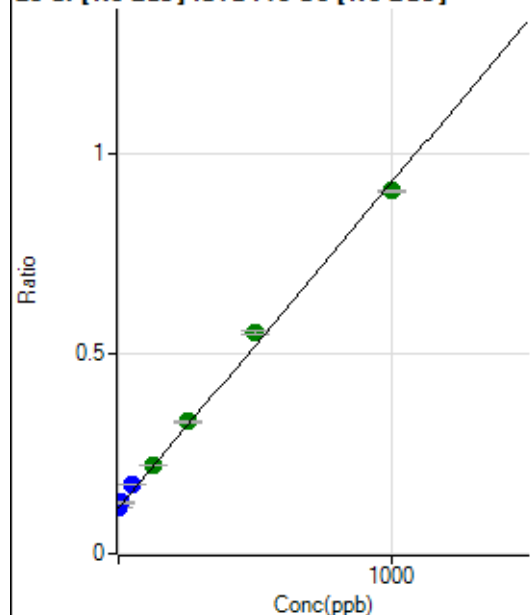
$$DL = 0.1266$$

$$BEC = 4.384$$

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	500068.35	0.1147	P	2.5
2	☐	1.000					
3	☐	10.000	15.811	536604.15	0.1275	P	4.0
4	☐	50.000	71.365	741951.29	0.1727	P	1.2
5	☐	125.000	131.079	970758.88	0.2212	A	1.3
6	☐	250.000	266.119	1456614.78	0.3310	A	1.8
7	☐	500.000	538.623	2414788.32	0.5526	A	1.0
8	☐	1000.000	974.773	3952347.88	0.9072	A	0.8
9	☐			488192.40	0.1157	P	0.8

$$y = 8.1303\text{E-}004 * x + 0.1147$$

$$R = 0.9987$$

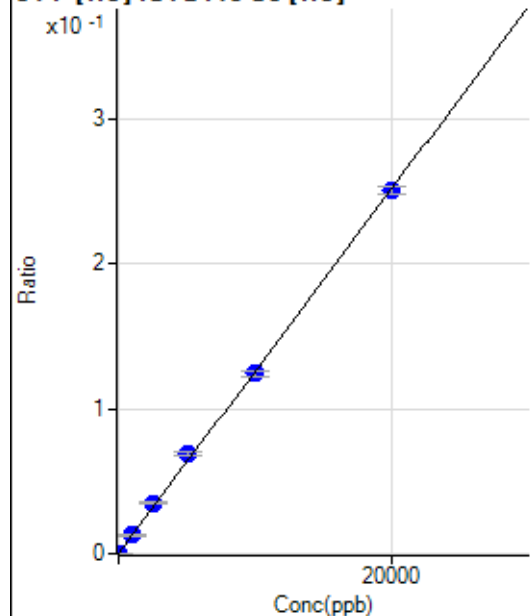
$$DL = 10.71$$

$$BEC = 141$$

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	-10.204	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	10.204	8.33	0.0003	P	100.
4	☐	1000.000	1016.408	425.03	0.0129	P	11.5
5	☐	2500.000	2764.011	1141.76	0.0349	P	5.3
6	☐	5000.000	5511.909	2250.29	0.0694	P	3.6
7	☐	10000.000	9884.922	3964.61	0.1244	P	2.8
8	☐	20000.000	19895.740	7924.79	0.2503	P	2.1
9	☐			8.33	0.0003	P	99.6

$$y = 1.2572\text{E-}005 * x + 1.2828\text{E-}004$$

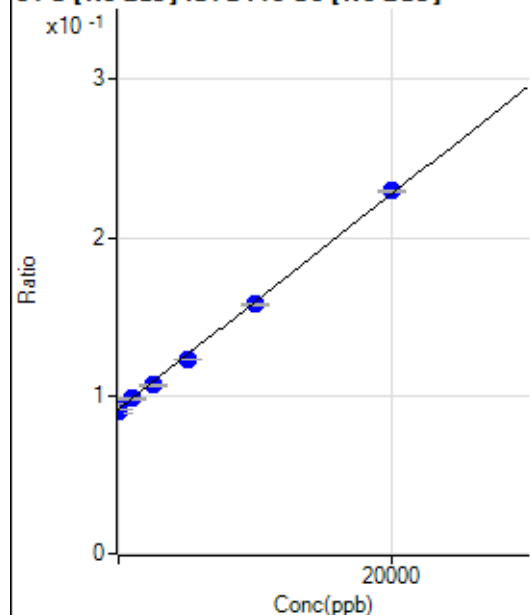
$$R = 0.9996$$

$$DL = 30.84$$

$$BEC = 10.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-224.540	392762.42	0.0901	P	3.0
2	☐	0.000					
3	☐	0.000	224.540	391785.63	0.0931	P	4.7
4	☐	1000.000	971.047	421905.34	0.0982	P	0.8
5	☐	2500.000	2204.630	467692.48	0.1066	P	0.8
6	☐	5000.000	4582.404	540185.71	0.1228	P	0.4
7	☐	10000.000	9748.158	689994.06	0.1579	P	0.9
8	☐	20000.000	20268.689	999647.25	0.2294	P	0.6
9	☐			386706.95	0.0917	P	1.1

$$y = 6.8017\text{E-}006 * x + 0.0916$$

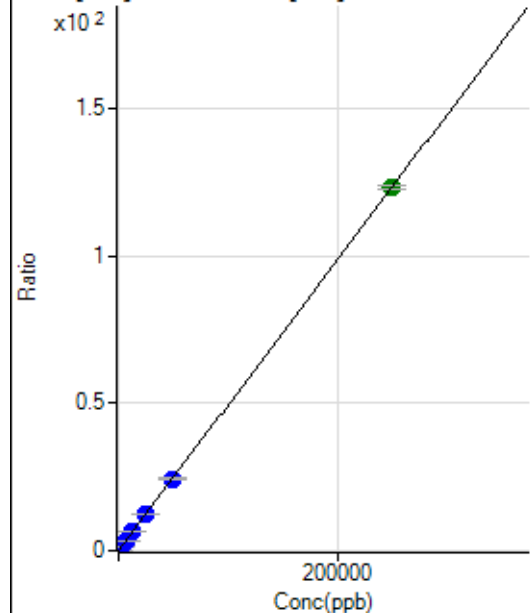
$$R = 0.9994$$

$$DL = 1555$$

$$BEC = 1.346\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2386.43	0.0730	P	11.1
2	☐	50.000					
3	☐	500.000	445.771	9553.64	0.2920	P	2.8
4	☐	2500.000	2609.341	44644.15	1.3551	P	2.1
5	☐	6250.000	6571.068	108107.27	3.3018	P	0.5
6	☐	12500.000	12980.410	209086.67	6.4512	P	0.8
7	☐	25000.000	25478.297	401308.71	12.5923	P	1.1
8	☐	50000.000	49546.571	773139.26	24.4188	P	1.1
9	☐	250000.00	250009.82	3857162.55	122.9210	A	0.9

$$y = 4.9137\text{E-}004 * x + 0.0730$$

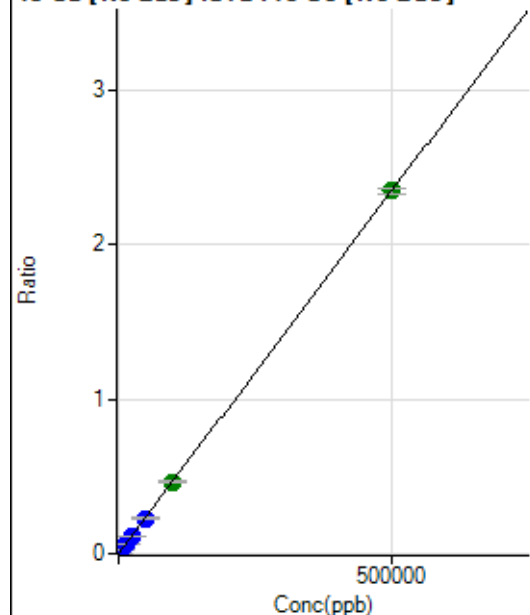
$$R = 1.0000$$

$$DL = 49.49$$

$$BEC = 148.5$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2083.60	0.0005	P	6.8
2	☐	50.000					
3	☐	500.000	455.828	11018.74	0.0026	P	3.3
4	☐	5000.000	5028.147	103494.18	0.0241	P	0.8
5	☐	12500.000	12280.314	255127.60	0.0581	P	0.1
6	☐	25000.000	24662.896	511695.90	0.1163	P	0.2
7	☐	50000.000	48965.356	1006844.55	0.2304	P	0.7
8	☐	100000.00	98917.012	2025730.71	0.4649	A	1.3
9	☐	500000.00	500342.17	9914135.81	2.3498	A	1.3

$$y = 4.6954\text{E-}006 * x + 4.7710\text{E-}004$$

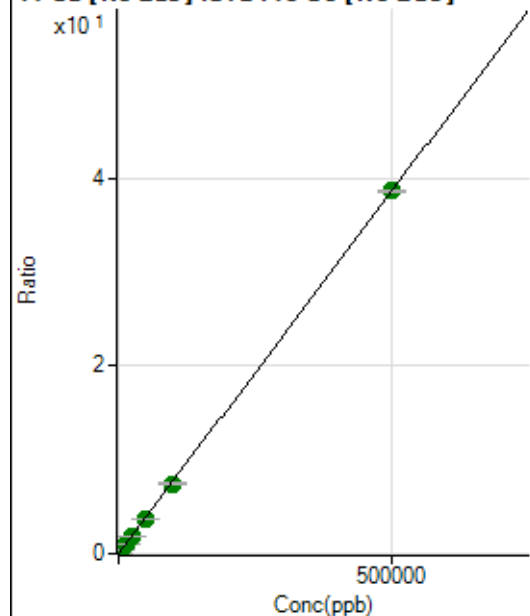
$$R = 1.0000$$

$$DL = 20.82$$

$$BEC = 101.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35891.28	0.0082	P	2.9
2	☐	50.000					
3	☐	500.000	451.776	181186.48	0.0431	P	4.1
4	☐	5000.000	5079.414	1717764.69	0.3998	A	1.2
5	☐	12500.000	12286.772	4192310.55	0.9553	A	0.6
6	☐	25000.000	24526.048	8356006.96	1.8988	A	0.7
7	☐	50000.000	48420.937	16347884.57	3.7407	A	0.6
8	☐	100000.00	96731.545	32523817.04	7.4647	A	0.5
9	☐	500000.00	500839.88	162931984.2	38.6151	A	0.9

$$y = 7.7084\text{E-}005 * x + 0.0082$$

$$R = 1.0000$$

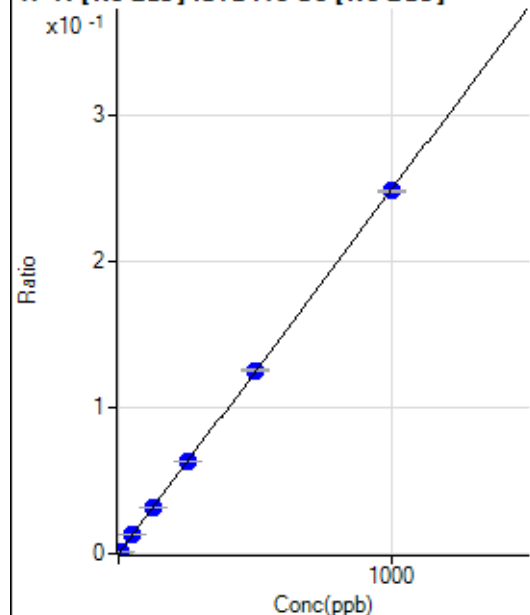
$$DL = 9.381$$

$$BEC = 106.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.23	0.0000	P	30.3
2	☐	0.500					
3	☐	5.000	4.763	5159.48	0.0012	P	3.5
4	☐	50.000	51.799	55580.86	0.0129	P	1.7
5	☐	125.000	127.708	139702.23	0.0318	P	0.2
6	☐	250.000	253.704	278137.61	0.0632	P	0.6
7	☐	500.000	503.502	548025.47	0.1254	P	1.2
8	☐	1000.000	996.895	1081563.98	0.2482	P	0.4
9	☐			866.73	0.0002	P	12.2

$$y = 2.4897\text{E-}004 * x + 3.9310\text{E-}005$$

$$R = 1.0000$$

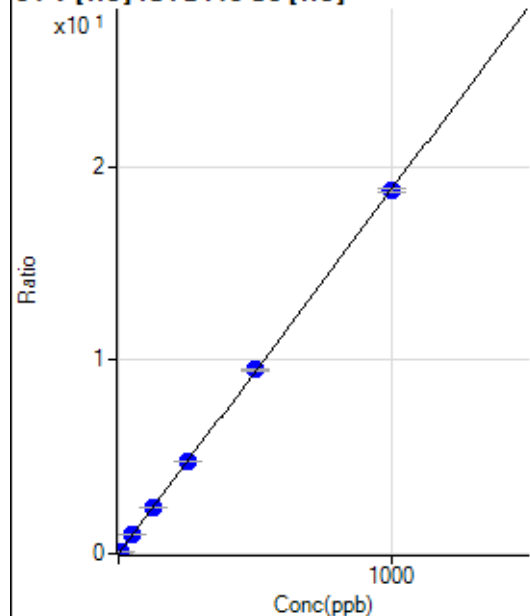
$$DL = 0.1434$$

$$BEC = 0.1579$$

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	15.55	0.0005	P	25.8
2	☐	0.500					
3	☐	5.000	4.505	2790.33	0.0853	P	3.9
4	☐	50.000	50.594	31403.21	0.9531	P	1.2
5	☐	125.000	128.225	79060.43	2.4148	P	1.2
6	☐	250.000	254.633	155405.26	4.7948	P	0.6
7	☐	500.000	504.771	302906.07	9.5045	P	0.9
8	☐	1000.000	996.026	593792.73	18.7541	P	0.9
9	☐			173.34	0.0055	P	5.8

$$y = 0.0188 * x + 4.7659\text{E-}004$$

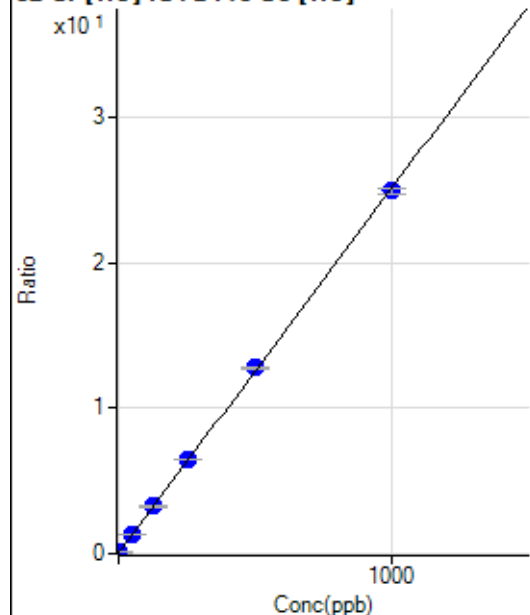
$$R = 1.0000$$

$$DL = 0.0196$$

$$BEC = 0.02531$$

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	806.70	0.0247	P	6.0
2	☐	0.200					
3	☐	2.000	1.908	2374.69	0.0726	P	6.2
4	☐	50.000	51.594	43512.13	1.3207	P	1.5
5	☐	125.000	128.344	106362.63	3.2486	P	1.5
6	☐	250.000	257.612	210529.69	6.4957	P	0.4
7	☐	500.000	507.999	407460.40	12.7853	P	1.0
8	☐	1000.000	993.600	790985.30	24.9832	P	1.4
9	☐			3492.72	0.1113	P	4.6

$$y = 0.0251 * x + 0.0247$$

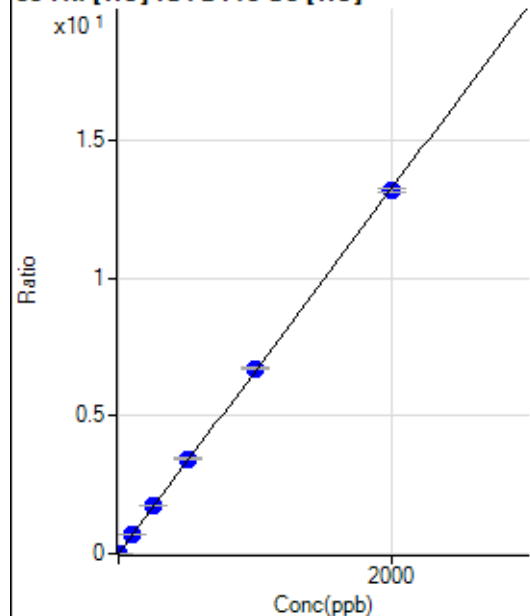
$$R = 0.9999$$

$$DL = 0.1754$$

$$BEC = 0.9823$$

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	98.89	0.0030	P	16.3
2	☐	0.100					
3	☐	1.000	0.846	282.23	0.0086	P	6.0
4	☐	100.000	105.243	23082.56	0.7006	P	1.9
5	☐	250.000	260.150	56559.56	1.7274	P	0.8
6	☐	500.000	518.434	111471.31	3.4395	P	1.2
7	☐	1000.000	1012.246	213938.54	6.7127	P	0.8
8	☐	2000.000	1987.738	417279.59	13.1788	P	1.0
9	☐			1058.95	0.0337	P	3.6

$$y = 0.0066 * x + 0.0030$$

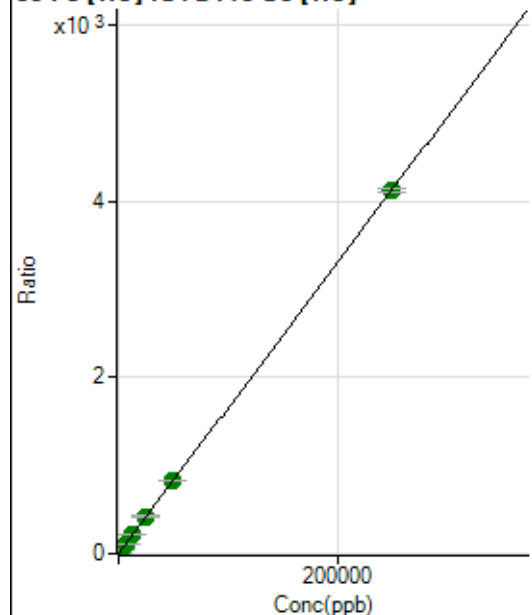
$$R = 0.9999$$

$$DL = 0.2227$$

$$BEC = 0.4561$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2005.77	0.0614	P	7.2
2	☐	5.000					
3	☐	50.000	45.303	26427.35	0.8077	P	2.3
4	☐	2500.000	2643.631	1436789.85	43.6143	A	2.6
5	☐	6250.000	6581.754	3552223.28	108.4936	A	0.9
6	☐	12500.000	12957.815	6920843.50	213.5371	A	0.4
7	☐	25000.000	25729.622	13511101.92	423.9483	A	1.2
8	☐	50000.000	50686.695	26441733.92	835.1077	A	0.7
9	☐	250000.00	249757.07	129115146.4	4,114.725	A	1.1

$$y = 0.0165 * x + 0.0614$$

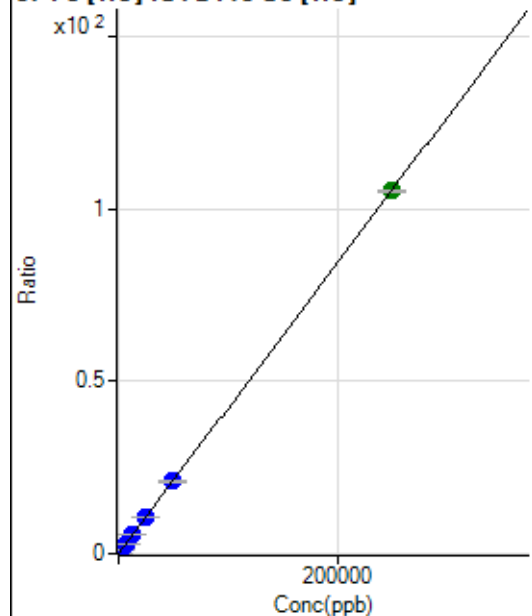
$$R = 1.0000$$

$$DL = 0.8067$$

$$BEC = 3.726$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0018	P	28.1
2	☐	5.000					
3	☐	50.000	47.006	707.45	0.0216	P	16.9
4	☐	2500.000	2591.879	36030.37	1.0936	P	2.2
5	☐	6250.000	6408.658	88449.62	2.7014	P	0.1
6	☐	12500.000	12941.192	176735.64	5.4531	P	0.4
7	☐	25000.000	25397.631	341013.44	10.7001	P	1.3
8	☐	50000.000	49820.138	664518.37	20.9877	P	0.8
9	☐	250000.00	249969.26	3304172.21	105.2970	A	0.8

$$y = 4.2123E-004 * x + 0.0018$$

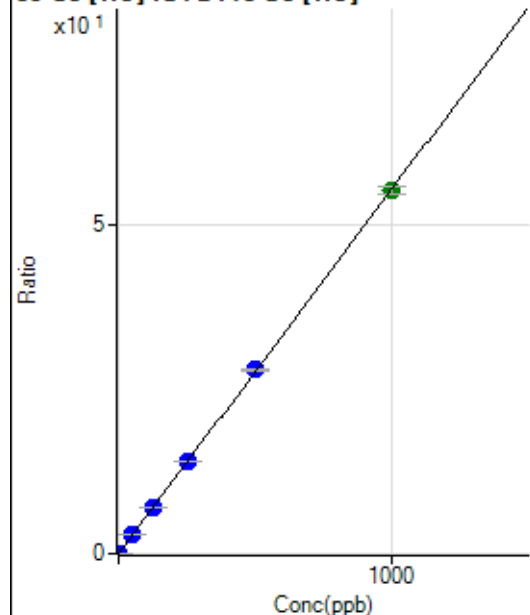
$$R = 1.0000$$

$$DL = 3.638$$

$$BEC = 4.312$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0019	P	17.4
2	☐	0.100					
3	☐	1.000	0.916	1716.80	0.0525	P	4.7
4	☐	50.000	51.054	92911.44	2.8201	P	1.7
5	☐	125.000	126.382	228483.99	6.9782	P	0.2
6	☐	250.000	254.106	454677.29	14.0286	P	0.4
7	☐	500.000	504.606	887790.26	27.8563	P	0.4
8	☐	1000.000	996.445	1741428.90	55.0059	A	2.0
9	☐			2112.43	0.0673	P	4.4

$$y = 0.0552 * x + 0.0019$$

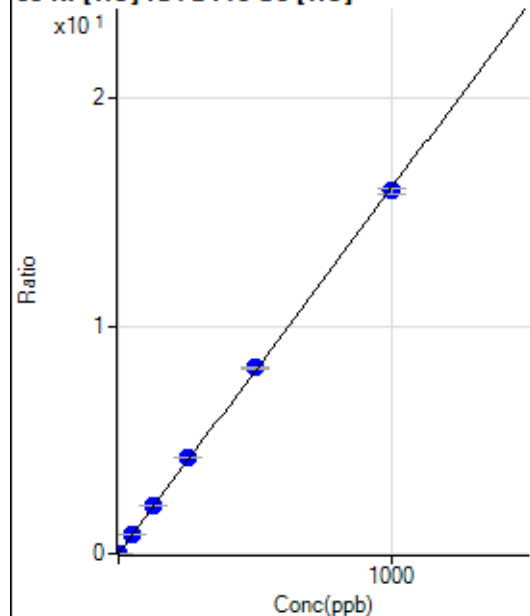
$$R = 1.0000$$

$$DL = 0.01797$$

$$BEC = 0.03452$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	171.11	0.0052	P	20.6
2	☐	0.100					
3	☐	1.000	0.964	677.81	0.0207	P	10.7
4	☐	50.000	51.611	27482.98	0.8341	P	1.7
5	☐	125.000	129.159	68089.99	2.0795	P	0.4
6	☐	250.000	261.203	136128.69	4.2001	P	0.1
7	☐	500.000	509.466	260926.07	8.1872	P	0.9
8	☐	1000.000	991.866	504499.30	15.9344	P	1.2
9	☐			1287.86	0.0410	P	3.4

$$y = 0.0161 * x + 0.0052$$

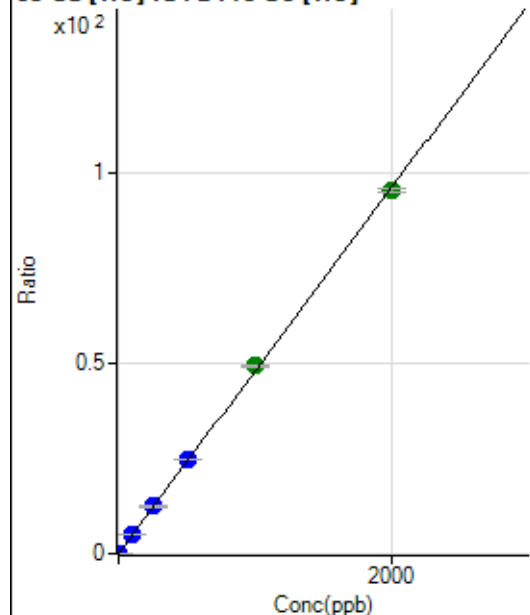
$$R = 0.9999$$

$$DL = 0.2013$$

$$BEC = 0.3264$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	254.45	0.0078	P	11.3
2	☐	0.200					
3	☐	2.000	2.048	3479.39	0.1063	P	1.5
4	☐	100.000	102.909	163336.63	4.9579	P	2.2
5	☐	250.000	257.893	406413.43	12.4130	P	1.0
6	☐	500.000	511.989	798456.69	24.6356	P	0.4
7	☐	1000.000	1025.576	1572445.37	49.3402	A	1.5
8	☐	2000.000	1983.083	3020512.49	95.3984	A	1.0
9	☐			4736.45	0.1509	P	2.4

$$y = 0.0481 * x + 0.0078$$

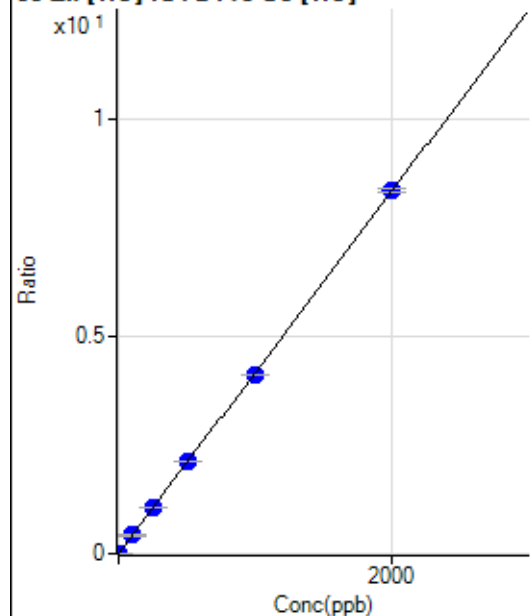
$$R = 0.9999$$

$$DL = 0.05495$$

$$BEC = 0.1619$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0017	P	9.4
2	☐	0.200					
3	☐	2.000	2.100	342.23	0.0105	P	6.1
4	☐	100.000	101.883	14058.43	0.4268	P	3.2
5	☐	250.000	253.233	34647.90	1.0582	P	0.9
6	☐	500.000	508.501	68818.58	2.1233	P	1.3
7	☐	1000.000	987.886	131412.09	4.1233	P	0.7
8	☐	2000.000	2003.434	264701.69	8.3604	P	1.2
9	☐			1014.50	0.0323	P	4.2

$$y = 0.0042 * x + 0.0017$$

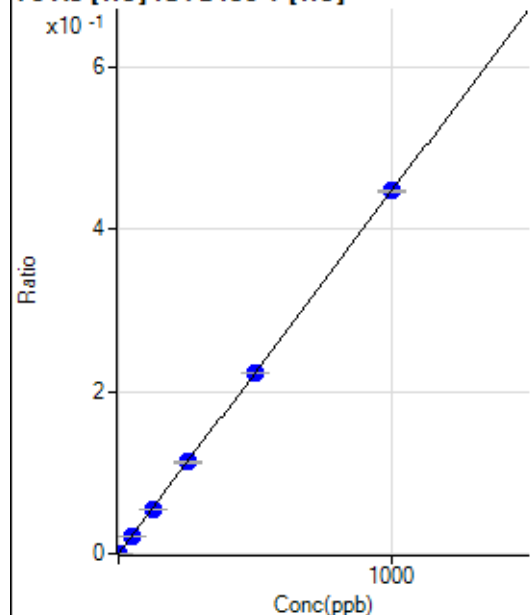
$$R = 1.0000$$

$$DL = 0.1148$$

$$BEC = 0.4074$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.32	0.0000	P	66.0
2	☐	0.100					
3	☐	1.000	0.925	97.53	0.0004	P	1.2
4	☐	50.000	49.150	5017.01	0.0220	P	1.6
5	☐	125.000	123.231	12526.13	0.0551	P	0.8
6	☐	250.000	251.973	24937.35	0.1127	P	0.9
7	☐	500.000	498.296	47761.16	0.2229	P	0.3
8	☐	1000.000	1000.622	92699.60	0.4477	P	0.4
9	☐			28.40	0.0001	P	33.0

$$y = 4.4736E-004 * x + 1.9097E-005$$

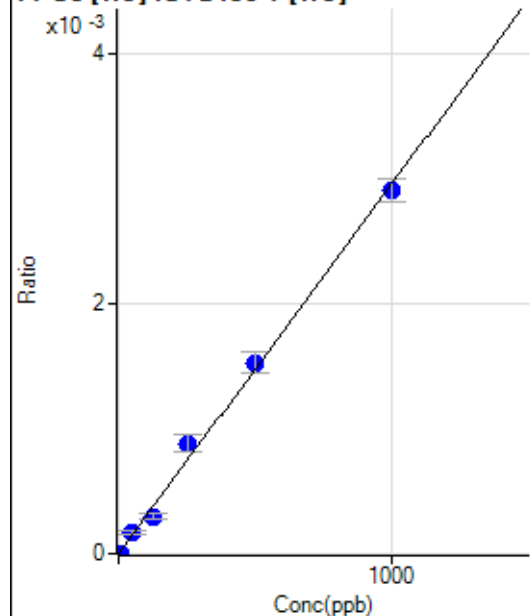
$$R = 1.0000$$

$$DL = 0.08455$$

$$BEC = 0.04269$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	0.000	0.00	0.0000	P	
4	☐	50.000	57.686	38.89	0.0002	P	17.4
5	☐	125.000	101.016	67.78	0.0003	P	13.0
6	☐	250.000	299.214	195.56	0.0009	P	16.0
7	☐	500.000	515.868	326.68	0.0015	P	11.1
8	☐	1000.000	982.402	601.14	0.0029	P	6.2
9	☐			1.11	0.0000	P	173.

$$y = 2.9556E-006 * x + 0.0000E+000$$

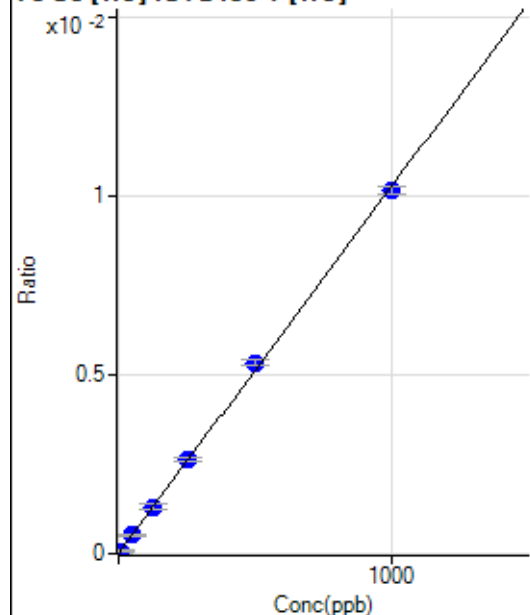
$$R = 0.9978$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.23	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.638	14.20	0.0001	P	67.2
4	☐	50.000	51.208	120.99	0.0005	P	10.3
5	☐	125.000	127.313	297.54	0.0013	P	11.8
6	☐	250.000	255.655	580.88	0.0026	P	3.0
7	☐	500.000	520.079	1143.27	0.0053	P	2.8
8	☐	1000.000	988.194	2098.95	0.0101	P	2.0
9	☐			2.47	0.0000	P	43.3

$$y = 1.0251\text{E-}005 * x + 5.4607\text{E-}006$$

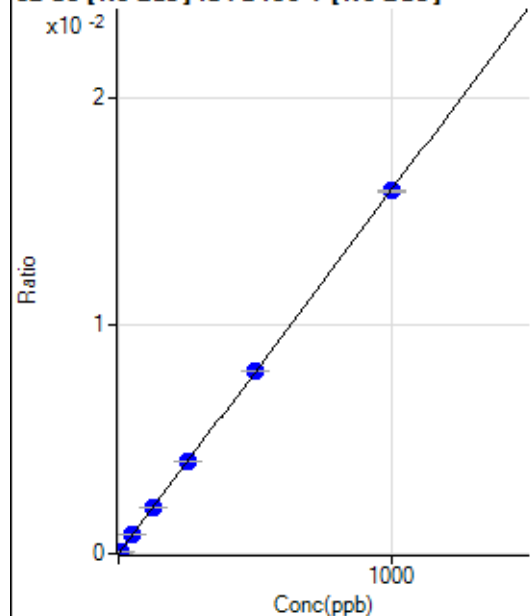
$$R = 0.9997$$

$$DL = 1.384$$

$$BEC = 0.5327$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.15	0.0000	P	334.
2	☐	0.500					
3	☐	5.000	4.458	574.48	0.0001	P	11.0
4	☐	50.000	50.723	6581.93	0.0008	P	0.9
5	☐	125.000	127.498	16581.94	0.0020	P	1.1
6	☐	250.000	253.934	33558.90	0.0040	P	0.2
7	☐	500.000	501.818	65968.43	0.0080	P	0.4
8	☐	1000.000	997.762	129508.35	0.0159	P	0.8
9	☐			38.71	0.0000	P	126.

$$y = 1.5931\text{E-}005 * x + 2.3881\text{E-}006$$

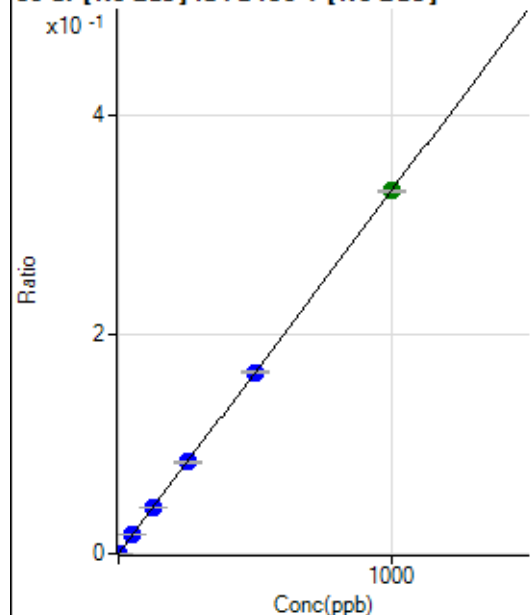
$$R = 1.0000$$

$$DL = 1.506$$

$$BEC = 0.1499$$

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	1169.55	0.0001	P	9.0
2	☐	0.100					
3	☐	1.000	0.879	3420.03	0.0004	P	1.3
4	☐	50.000	51.156	138420.44	0.0170	P	0.3
5	☐	125.000	127.172	343710.19	0.0422	P	1.1
6	☐	250.000	251.429	689776.47	0.0832	P	0.6
7	☐	500.000	498.937	1360780.78	0.1650	P	0.8
8	☐	1000.000	999.845	2691772.00	0.3304	A	0.6
9	☐			91877.30	0.0115	P	3.0

$$y = 3.3032\text{E-}004 * x + 1.4646\text{E-}004$$

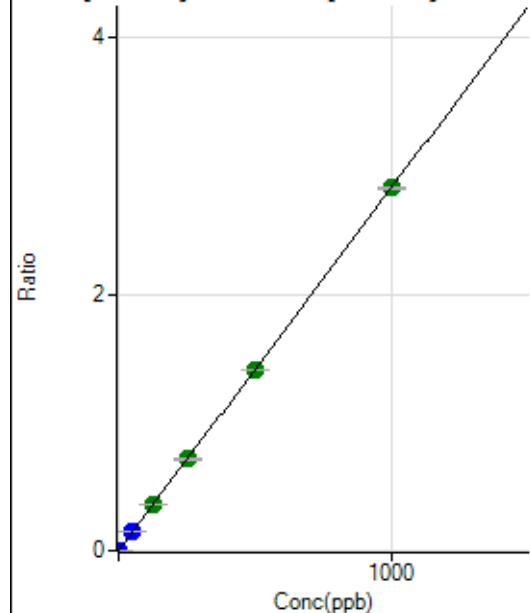
$$R = 1.0000$$

$$DL = 0.1192$$

$$BEC = 0.4434$$

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	244.46	0.0000	P	28.0
2	☐	0.100					
3	☐	1.000	0.937	20997.58	0.0027	P	2.0
4	☐	50.000	51.278	1178593.14	0.1451	P	0.6
5	☐	125.000	127.717	2946942.12	0.3614	A	1.0
6	☐	250.000	252.223	5917318.97	0.7137	A	0.6
7	☐	500.000	499.344	11656194.10	1.4130	A	0.1
8	☐	1000.000	999.369	23037732.98	2.8278	A	0.5
9	☐			789474.95	0.0985	P	2.0

$$y = 0.0028 * x + 3.0700\text{E-}005$$

$$R = 1.0000$$

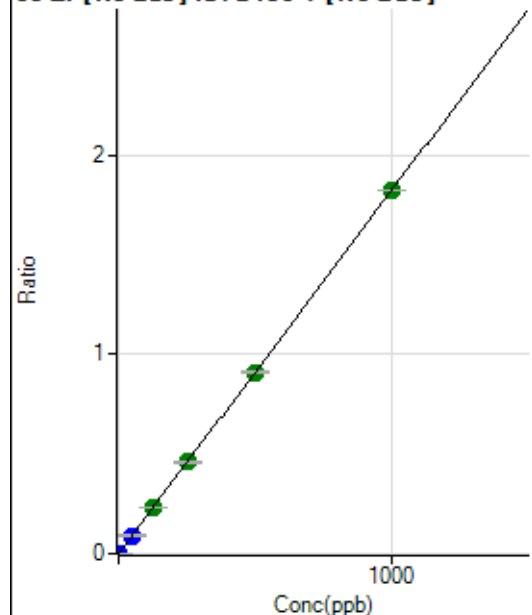
$$DL = 0.009129$$

$$BEC = 0.01085$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	533.37	0.0001	P	17.3
2	☐	0.100					
3	☐	1.000	0.903	13379.40	0.0017	P	4.9
4	☐	50.000	50.285	743933.43	0.0916	P	0.5
5	☐	125.000	127.815	1897728.73	0.2327	A	0.9
6	☐	250.000	252.276	3807992.14	0.4593	A	0.8
7	☐	500.000	499.452	7500823.86	0.9093	A	0.4
8	☐	1000.000	999.339	14821245.30	1.8192	A	0.2
9	☐			3058.84	0.0004	P	1.5

$$y = 0.0018 * x + 6.6690E-005$$

$$R = 1.0000$$

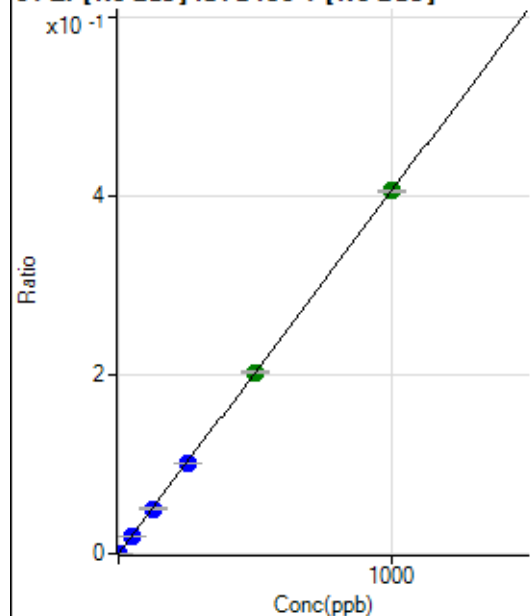
$$DL = 0.01898$$

$$BEC = 0.03664$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	33.0
2	☐	0.100					
3	☐	1.000	0.925	3075.50	0.0004	P	8.3
4	☐	50.000	49.896	164579.33	0.0203	P	1.3
5	☐	125.000	124.461	411964.95	0.0505	P	1.3
6	☐	250.000	248.655	836732.57	0.1009	P	0.6
7	☐	500.000	500.609	1675987.45	0.2032	A	0.9
8	☐	1000.000	1000.104	3306621.54	0.4059	A	0.4
9	☐			655.60	0.0001	P	3.7

$$y = 4.0580E-004 * x + 1.7980E-005$$

$$R = 1.0000$$

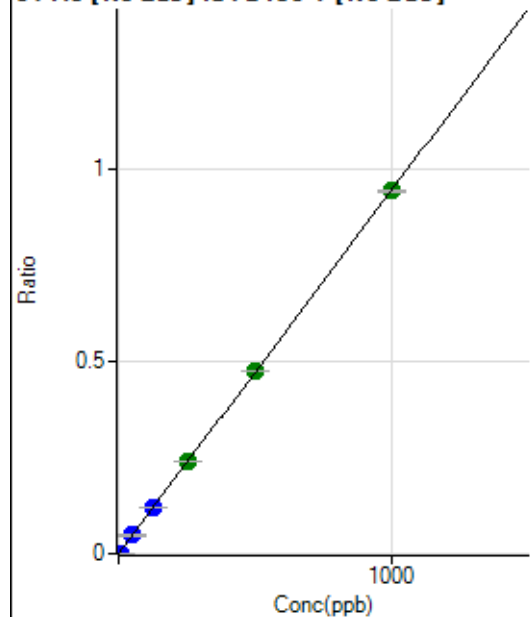
$$DL = 0.04383$$

$$BEC = 0.04431$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.12	0.0000	P	21.4
2	☐	0.500					
3	☐	5.000	2.029	15234.10	0.0019	P	4.9
4	☐	50.000	50.346	386205.83	0.0476	P	0.6
5	☐	125.000	126.040	970345.16	0.1190	P	1.2
6	☐	250.000	252.908	1979525.89	0.2388	A	0.8
7	☐	500.000	500.894	3900701.56	0.4728	A	0.1
8	☐	1000.000	998.694	7680222.66	0.9427	A	0.6
9	☐			3803.49	0.0005	P	5.4

$$y = 9.4393\text{E-}004 * x + 3.2595\text{E-}005$$

$$R = 1.0000$$

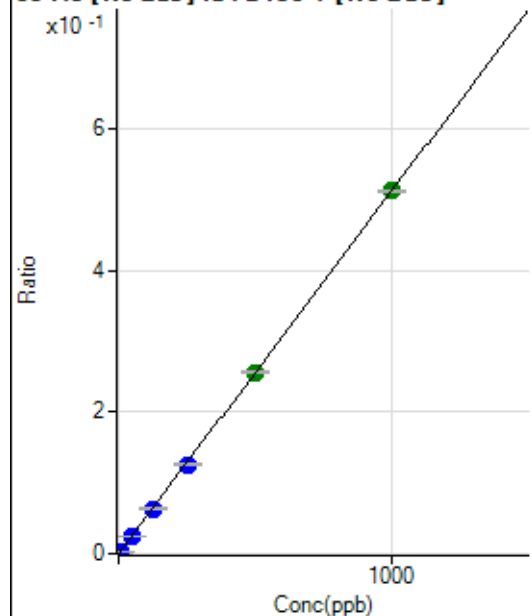
$$DL = 0.02215$$

$$BEC = 0.03453$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	2.3
2	☐	0.500					
3	☐	5.000	4.488	18043.18	0.0023	P	3.0
4	☐	50.000	49.251	204807.89	0.0252	P	0.4
5	☐	125.000	124.165	518302.82	0.0636	P	1.0
6	☐	250.000	245.712	1042830.85	0.1258	P	1.1
7	☐	500.000	500.232	2112349.63	0.2561	A	0.8
8	☐	1000.000	1001.100	4174671.67	0.5124	A	0.6
9	☐			4245.30	0.0005	P	5.4

$$y = 5.1187\text{E-}004 * x + 8.3407\text{E-}006$$

$$R = 1.0000$$

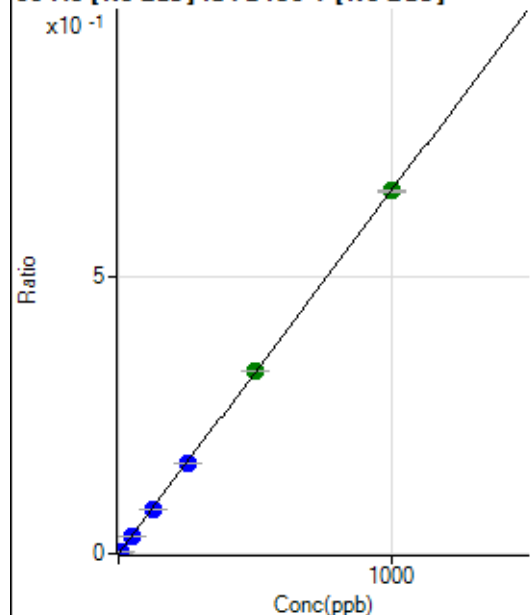
$$DL = 0.00111$$

$$BEC = 0.01629$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0000	P	33.2
2	☐	0.500					
3	☐	5.000	4.005	20700.10	0.0026	P	5.6
4	☐	50.000	49.302	262638.86	0.0323	P	0.6
5	☐	125.000	123.667	661181.63	0.0811	P	1.1
6	☐	250.000	247.513	1345370.42	0.1623	P	0.7
7	☐	500.000	502.755	2718937.82	0.3296	A	0.5
8	☐	1000.000	999.451	5337715.70	0.6552	A	0.3
9	☐			7385.69	0.0009	P	4.7

$$y = 6.5553\text{E-}004 * x + 2.0748\text{E-}005$$

$$R = 1.0000$$

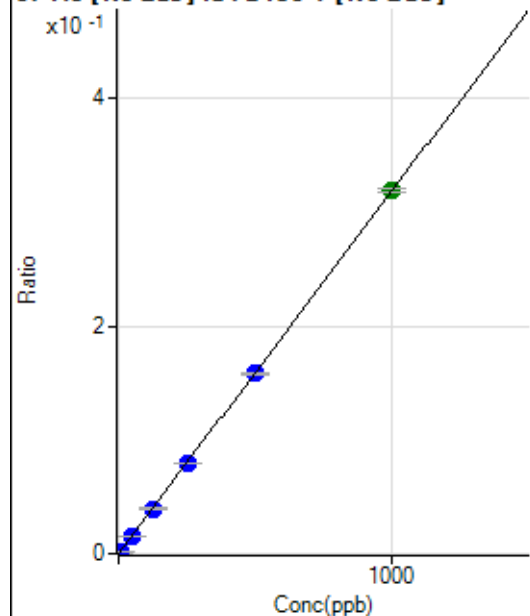
$$DL = 0.03151$$

$$BEC = 0.03165$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	5.2
2	☐	0.500					
3	☐	5.000	4.629	11599.91	0.0015	P	5.3
4	☐	50.000	49.424	127749.21	0.0157	P	1.0
5	☐	125.000	124.079	321869.86	0.0395	P	1.2
6	☐	250.000	249.053	656830.15	0.0792	P	0.4
7	☐	500.000	497.277	1304833.78	0.1582	P	0.9
8	☐	1000.000	1001.744	2595683.39	0.3186	A	0.9
9	☐			2747.63	0.0003	P	10.6

$$y = 3.1806\text{E-}004 * x + 1.0771\text{E-}005$$

$$R = 1.0000$$

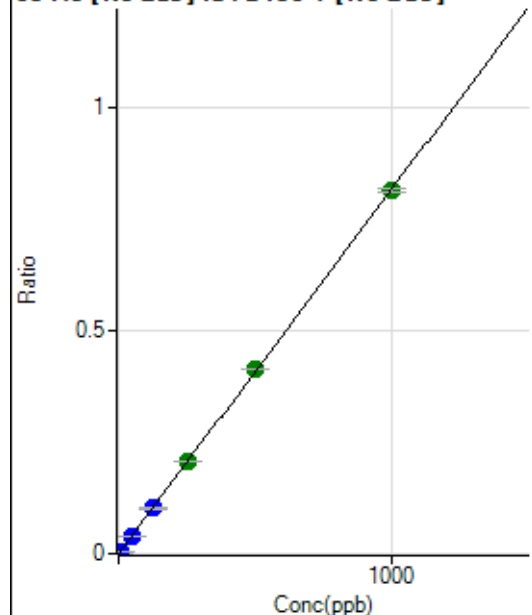
$$DL = 0.005306$$

$$BEC = 0.03386$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	42.9
2	☐	0.500					
3	☐	5.000	4.568	29246.44	0.0037	P	4.2
4	☐	50.000	49.645	329074.75	0.0405	P	0.2
5	☐	125.000	124.391	827703.33	0.1015	P	1.3
6	☐	250.000	253.127	1712541.97	0.2066	A	0.6
7	☐	500.000	505.962	3405960.84	0.4129	A	0.2
8	☐	1000.000	996.333	6623213.04	0.8130	A	1.0
9	☐			6618.59	0.0008	P	7.0

$$y = 8.1599\text{E-}004 * x + 1.0411\text{E-}005$$

$$R = 1.0000$$

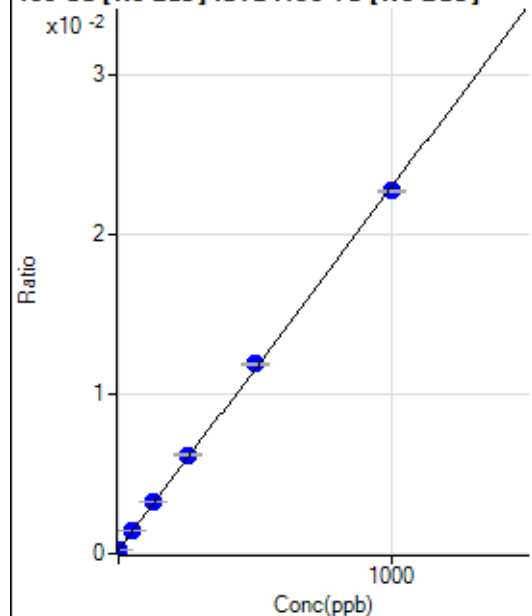
$$DL = 0.01641$$

$$BEC = 0.01276$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1850.22	0.0002	P	2.5
2	☐	0.100					
3	☐	1.000	0.367	1850.21	0.0002	P	9.6
4	☐	50.000	53.341	12389.54	0.0014	P	2.8
5	☐	125.000	134.745	28848.56	0.0033	P	1.6
6	☐	250.000	261.783	55989.46	0.0062	P	2.2
7	☐	500.000	512.185	111802.36	0.0119	P	0.2
8	☐	1000.000	989.577	215480.74	0.0227	P	0.5
9	☐			1744.66	0.0002	P	6.4

$$y = 2.2731\text{E-}005 * x + 2.1682\text{E-}004$$

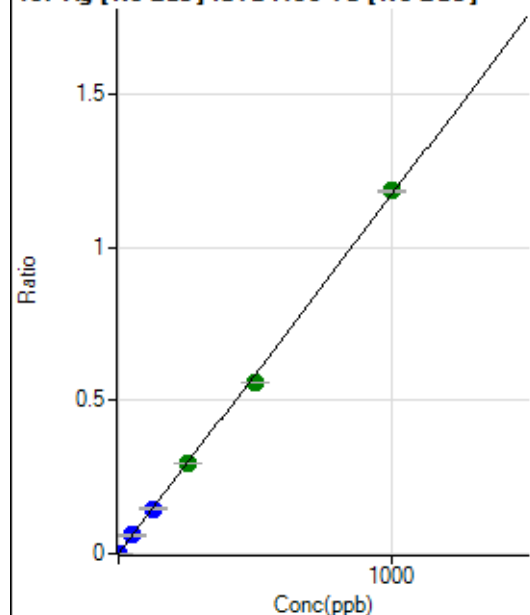
$$R = 0.9998$$

$$DL = 0.703$$

$$BEC = 9.538$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	22.2
2	☐	0.100					
3	☐	1.000	1.240	12019.73	0.0015	P	4.5
4	☐	50.000	50.942	517474.47	0.0597	P	0.6
5	☐	125.000	125.871	1297466.80	0.1475	P	0.7
6	☐	250.000	252.576	2686952.62	0.2960	A	0.9
7	☐	500.000	476.249	5260842.00	0.5580	A	0.5
8	☐	1000.000	1011.075	11240572.73	1.1847	A	0.4
9	☐			1163.99	0.0001	P	7.2

$$y = 0.0012 * x + 8.4432E-006$$

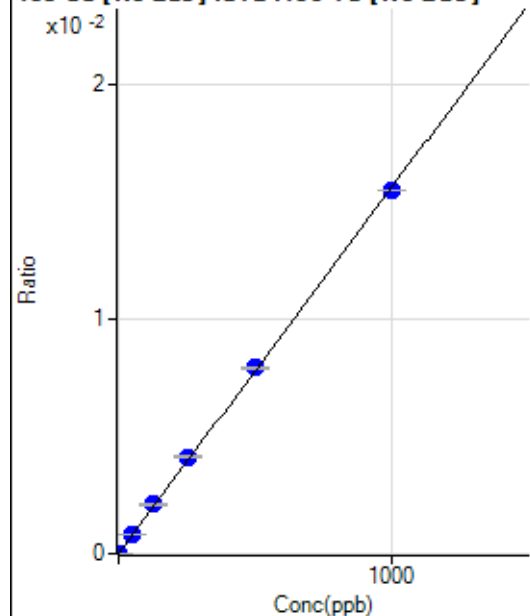
$$R = 0.9996$$

$$DL = 0.004803$$

$$BEC = 0.007206$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	31.9
2	☐	0.100					
3	☐	1.000	0.731	112.50	0.0000	P	8.1
4	☐	50.000	53.391	7239.60	0.0008	P	1.5
5	☐	125.000	134.637	18492.08	0.0021	P	2.8
6	☐	250.000	264.401	37464.70	0.0041	P	1.3
7	☐	500.000	507.209	74613.62	0.0079	P	0.8
8	☐	1000.000	991.421	146760.58	0.0155	P	0.1
9	☐			41.67	0.0000	P	43.8

$$y = 1.5599E-005 * x + 2.2755E-006$$

$$R = 0.9998$$

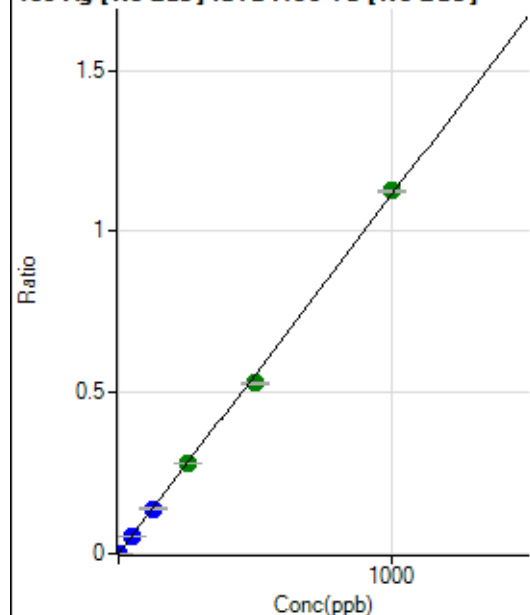
$$DL = 0.1398$$

$$BEC = 0.1459$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.23	0.0000	P	95.5
2	☐	0.100					
3	☐	1.000	1.239	11383.10	0.0014	P	4.6
4	☐	50.000	50.742	489559.19	0.0565	P	0.7
5	☐	125.000	125.305	1226696.56	0.1395	P	1.5
6	☐	250.000	250.726	2533364.71	0.2790	A	0.7
7	☐	500.000	475.870	4992713.87	0.5296	A	0.7
8	☐	1000.000	1011.808	10683868.12	1.1261	A	0.8
9	☐			997.31	0.0001	P	10.8

$$y = 0.0011 * x + 5.4609E-006$$

$$R = 0.9996$$

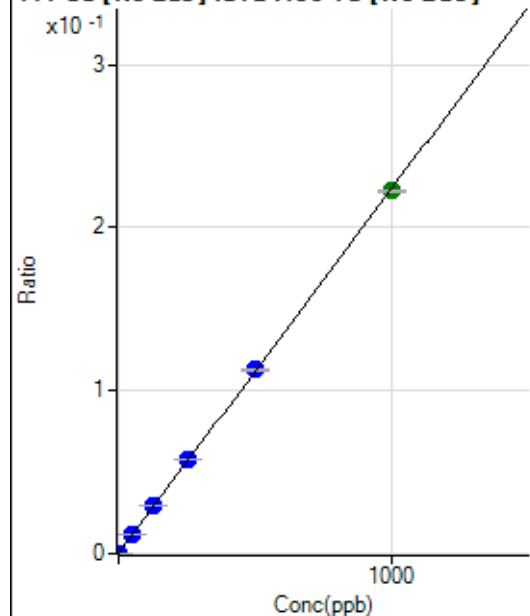
$$DL = 0.01405$$

$$BEC = 0.004907$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1302.37	0.0002	P	2.8
2	☐	0.100					
3	☐	1.000	1.027	3138.80	0.0004	P	8.2
4	☐	50.000	53.794	105565.05	0.0122	P	0.5
5	☐	125.000	132.908	262702.89	0.0299	P	1.2
6	☐	250.000	259.783	528642.24	0.0582	P	0.3
7	☐	500.000	503.547	1062678.70	0.1127	P	0.6
8	☐	1000.000	994.602	2111070.91	0.2225	A	0.8
9	☐			1562.94	0.0002	P	2.8

$$y = 2.2356E-004 * x + 1.5262E-004$$

$$R = 0.9999$$

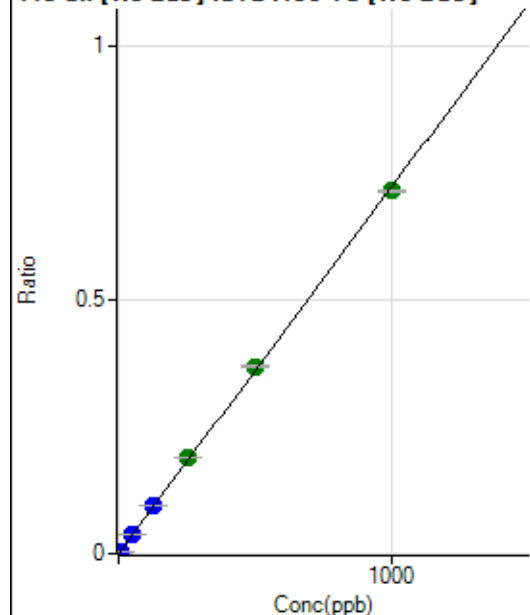
$$DL = 0.05665$$

$$BEC = 0.6827$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	736.17	0.0001	P	13.2
2	☐	0.500					
3	☐	5.000	4.806	29160.59	0.0035	P	5.7
4	☐	50.000	52.912	331296.96	0.0382	P	1.2
5	☐	125.000	130.849	830286.68	0.0944	P	1.6
6	☐	250.000	263.696	1726200.78	0.1901	A	0.9
7	☐	500.000	511.361	3475249.82	0.3686	A	0.6
8	☐	1000.000	990.020	6770992.95	0.7136	A	0.8
9	☐			5226.31	0.0006	P	7.2

$$y = 7.2073\text{E-}004 * x + 8.6272\text{E-}005$$

$$R = 0.9998$$

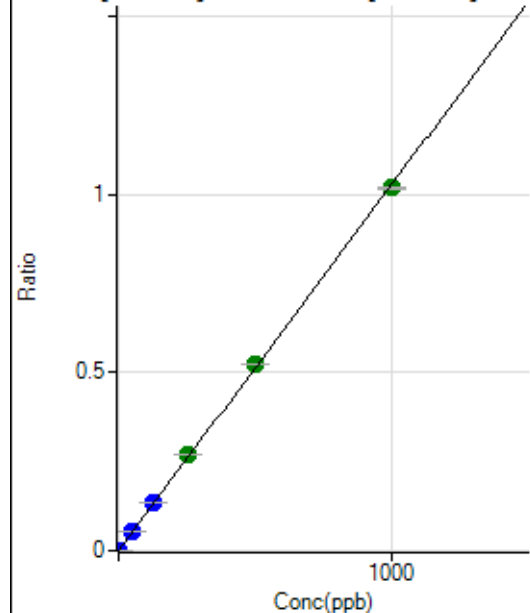
$$DL = 0.04754$$

$$BEC = 0.1197$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	52.9
2	☐	0.200					
3	☐	2.000	1.962	16611.04	0.0020	P	4.0
4	☐	50.000	53.071	472403.39	0.0545	P	0.5
5	☐	125.000	131.226	1185314.09	0.1347	P	0.8
6	☐	250.000	263.597	2457208.32	0.2707	A	1.1
7	☐	500.000	508.006	4917524.20	0.5216	A	0.2
8	☐	1000.000	991.666	9661082.51	1.0182	A	0.2
9	☐			21070.39	0.0023	P	2.6

$$y = 0.0010 * x + 7.2144\text{E-}006$$

$$R = 0.9998$$

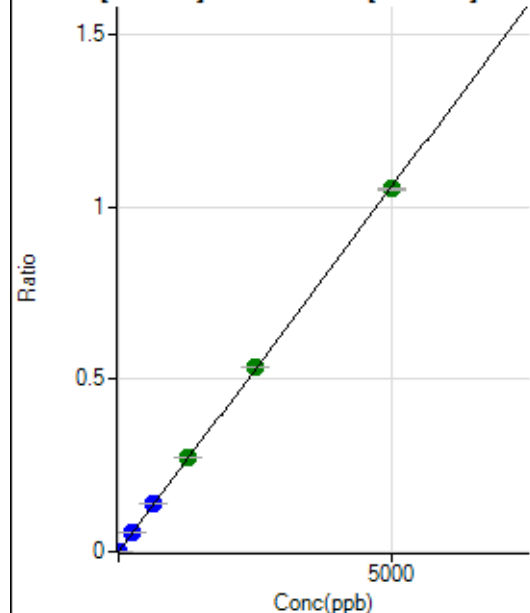
$$DL = 0.01115$$

$$BEC = 0.007026$$

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	58.34	0.0000	P	87.3
2	☐	1.000					
3	☐	10.000	9.508	16597.17	0.0020	P	5.1
4	☐	250.000	259.756	476903.07	0.0550	P	1.7
5	☐	625.000	650.189	1211377.22	0.1377	P	0.8
6	☐	1250.000	1294.612	2489271.84	0.2742	A	0.8
7	☐	2500.000	2522.981	5037531.75	0.5343	A	0.3
8	☐	5000.000	4973.721	9995061.51	1.0534	A	0.8
9	☐			3236.68	0.0003	P	2.7

$$y = 2.1179\text{E-}004 * x + 6.7725\text{E-}006$$

$$R = 0.9999$$

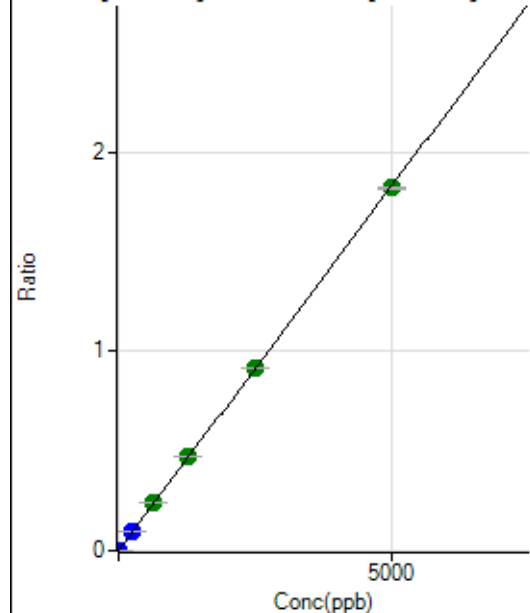
$$DL = 0.08371$$

$$BEC = 0.03198$$

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	75.00	0.0000	P	42.4
2	☐	1.000					
3	☐	10.000	9.816	29573.07	0.0036	P	4.0
4	☐	250.000	261.983	830406.68	0.0958	P	1.5
5	☐	625.000	653.686	2102469.58	0.2390	A	2.0
6	☐	1250.000	1298.802	4311626.70	0.4749	A	0.8
7	☐	2500.000	2511.621	8657923.89	0.9184	A	0.6
8	☐	5000.000	4977.804	17270389.62	1.8202	A	0.3
9	☐			5798.78	0.0006	P	4.3

$$y = 3.6566\text{E-}004 * x + 8.8441\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.03074$$

$$BEC = 0.02419$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	49.5
2	☐						
3	☐			20.00		P	33.4
4	☐			44.45		P	22.9
5	☐			64.45		P	6.0
6	☐			115.56		P	27.3
7	☐			244.46		P	20.1
8	☐			544.48		P	4.3
9	☐			95.56		P	28.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			1.11		P	173.
6	☐			5.55		P	124.
7	☐			11.11		P	45.8
8	☐			31.11		P	32.7
9	☐			12.22		P	41.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	57.7
2	☐						
3	☐			8.33		P	100.
4	☐			27.78		P	17.3
5	☐			25.00		P	88.2
6	☐			72.23		P	35.3
7	☐			125.01		P	23.1
8	☐			208.35		P	24.3
9	☐			63.89		P	39.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			4.44		P	173.
6	☐			6.67		P	50.0
7	☐			16.67		P	20.0
8	☐			40.00		P	22.0
9	☐			12.22		P	41.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	33.1
2	☐						
3	☐			97.23		P	27.6
4	☐			58.34		P	24.7
5	☐			88.89		P	5.4
6	☐			77.78		P	16.4
7	☐			144.45		P	21.8
8	☐			280.57		P	10.4
9	☐			144.45		P	21.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	94.4
2	☐						
3	☐			10.00		P	88.2
4	☐			8.89		P	57.3
5	☐			11.11		P	62.5
6	☐			16.66		P	34.6
7	☐			33.33		P	36.1
8	☐			52.22		P	20.5
9	☐			20.00		P	44.1

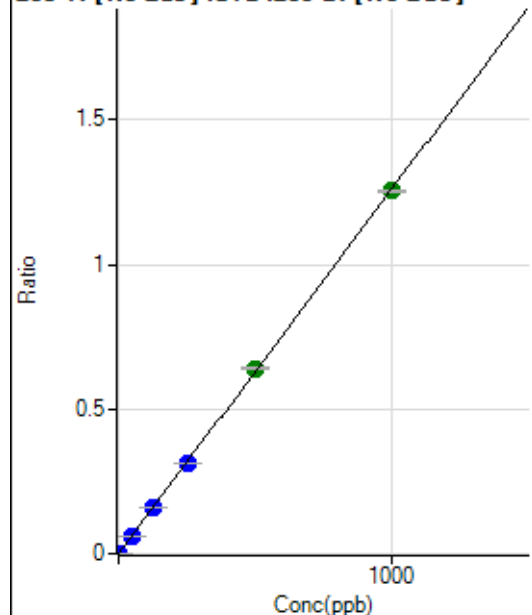
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	15.7
2	☐						
3	☐			52.78		P	32.9
4	☐			36.11		P	81.1
5	☐			52.78		P	32.9
6	☐			61.12		P	7.9
7	☐			41.67		P	40.0
8	☐			133.34		P	16.5
9	☐			63.89		P	27.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			7.78		P	65.5
4	☐			1.11		P	173.
5	☐			10.00		P	33.3
6	☐			11.11		P	45.8
7	☐			16.67		P	60.0
8	☐			25.55		P	41.9
9	☐			12.22		P	95.8

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	26.3
2	☐	0.100					
3	☐	1.000	0.915	5379.17	0.0012	P	7.9
4	☐	50.000	49.804	300418.84	0.0627	P	0.2
5	☐	125.000	124.560	765531.83	0.1568	P	0.6
6	☐	250.000	248.872	1589320.74	0.3133	P	0.6
7	☐	500.000	508.442	3403748.77	0.6401	A	1.1
8	☐	1000.000	996.126	6757443.03	1.2540	A	0.3
9	☐			1928.02	0.0004	P	11.1

$$y = 0.0013 * x + 2.1538E-005$$

$$R = 0.9999$$

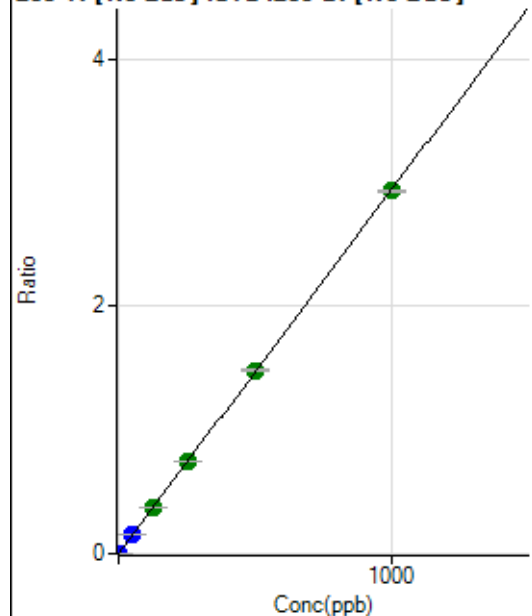
$$DL = 0.0135$$

$$BEC = 0.01711$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	36.3
2	☐	0.100					
3	☐	1.000	0.948	12968.35	0.0028	P	8.0
4	☐	50.000	50.363	709512.98	0.1481	P	0.5
5	☐	125.000	128.567	1845452.93	0.3781	A	1.3
6	☐	250.000	253.806	3785462.76	0.7463	A	1.8
7	☐	500.000	503.194	7867900.61	1.4795	A	1.0
8	☐	1000.000	996.988	15796193.93	2.9314	A	0.5
9	☐			4584.39	0.0009	P	3.9

$$y = 0.0029 * x + 4.1388E-005$$

$$R = 1.0000$$

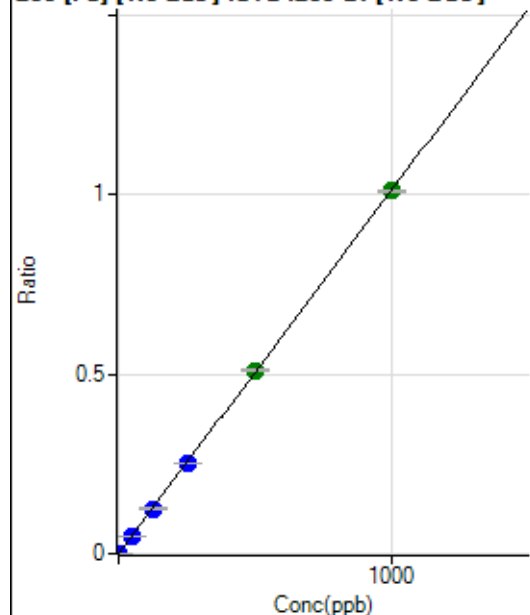
$$DL = 0.01535$$

$$BEC = 0.01408$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	500.03	0.0001	P	16.7
2	☐	0.100					
3	☐	1.000	1.101	5593.99	0.0012	P	6.3
4	☐	50.000	49.619	241048.36	0.0503	P	0.7
5	☐	125.000	124.092	613580.24	0.1257	P	0.8
6	☐	250.000	248.232	1274892.61	0.2513	P	1.1
7	☐	500.000	504.290	2714618.73	0.5105	A	0.9
8	☐	1000.000	998.429	5445789.36	1.0106	A	0.3
9	☐			10169.14	0.0020	P	4.8

$$y = 0.0010 * x + 1.0506E-004$$

$$R = 1.0000$$

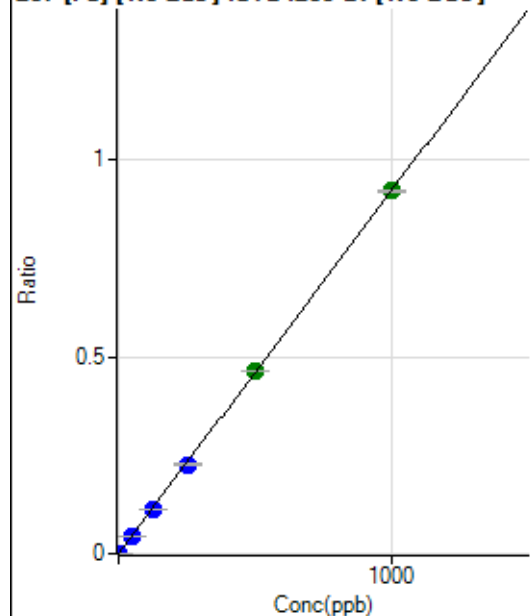
$$DL = 0.05206$$

$$BEC = 0.1038$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	431.51	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	1.080	4990.02	0.0011	P	4.3
4	☐	50.000	48.902	216482.45	0.0452	P	1.1
5	☐	125.000	123.405	556065.99	0.1139	P	0.7
6	☐	250.000	245.820	1150559.63	0.2268	P	0.9
7	☐	500.000	503.373	2469428.85	0.4644	A	0.2
8	☐	1000.000	999.613	4968571.87	0.9221	A	0.7
9	☐			8958.98	0.0018	P	3.0

$$y = 9.2232E-004 * x + 9.0762E-005$$

$$R = 1.0000$$

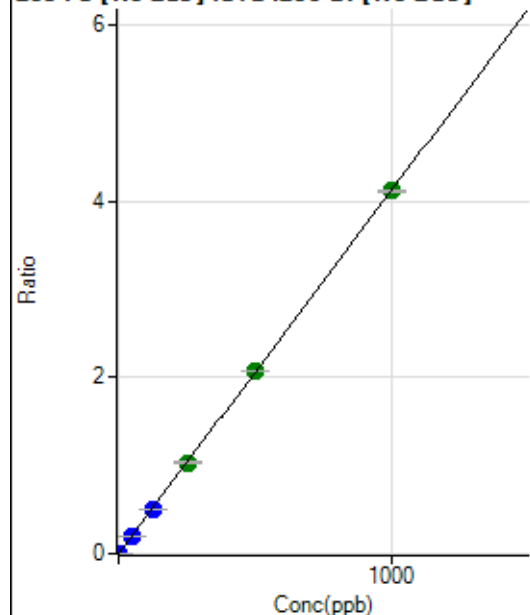
$$DL = 0.01996$$

$$BEC = 0.09841$$

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	2031.62	0.0004	P	4.5
2	☐	0.100					
3	☐	1.000	1.076	22300.85	0.0049	P	4.1
4	☐	50.000	49.396	976384.51	0.2038	P	0.5
5	☐	125.000	123.898	2492688.05	0.5106	P	0.3
6	☐	250.000	250.666	5238236.82	1.0326	A	0.8
7	☐	500.000	502.731	11011380.87	2.0706	A	0.4
8	☐	1000.000	998.636	22162155.47	4.1127	A	0.3
9	☐			40952.99	0.0082	P	2.9

$$y = 0.0041 * x + 4.2767E-004$$

$$R = 1.0000$$

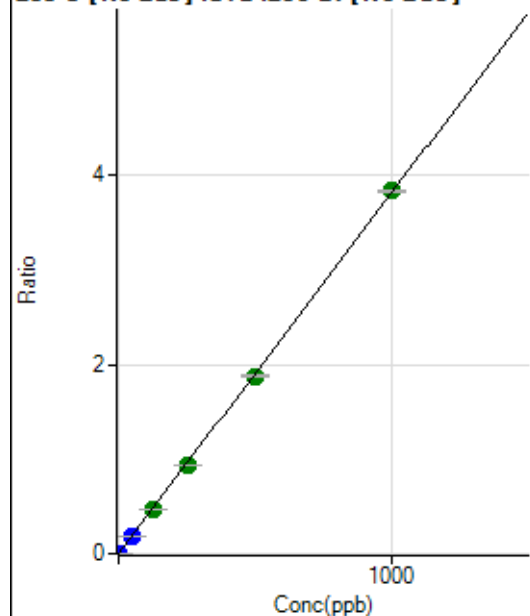
$$DL = 0.01399$$

$$BEC = 0.1039$$

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	166.68	0.0000	P	7.6
2	☐	0.100					
3	☐	1.000	0.895	15827.46	0.0035	P	8.4
4	☐	50.000	48.615	889348.19	0.1857	P	0.8
5	☐	125.000	122.785	2288759.86	0.4689	A	1.0
6	☐	250.000	244.990	4745203.23	0.9355	A	1.5
7	☐	500.000	492.269	9995681.21	1.8797	A	0.9
8	☐	1000.000	1005.464	20688788.66	3.8392	A	0.3
9	☐			1508.50	0.0003	P	9.3

$$y = 0.0038 * x + 3.5033E-005$$

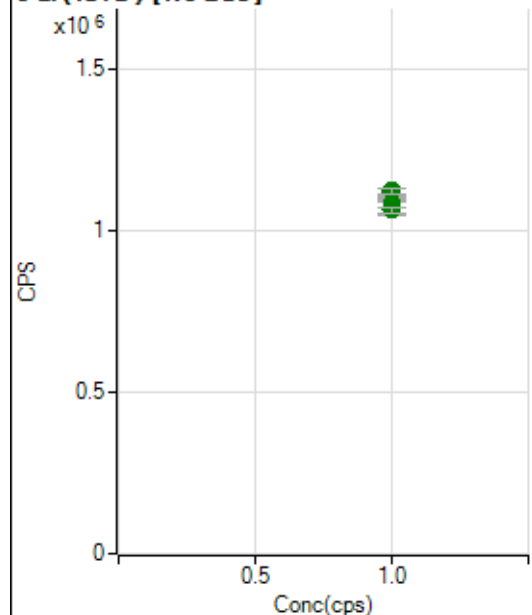
$$R = 0.9999$$

$$DL = 0.002086$$

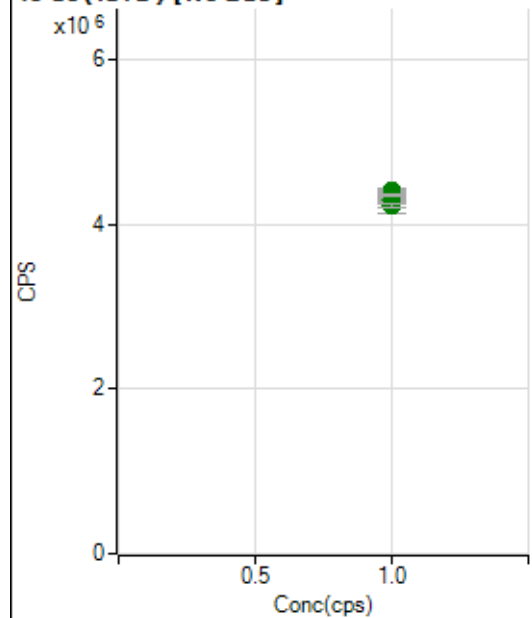
$$BEC = 0.009175$$

Weight: <None>

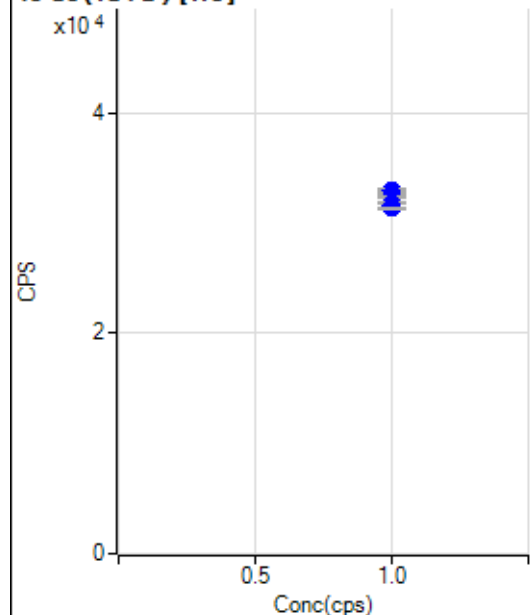
Min Conc: 0

6 Li (ISTD) [No Gas]

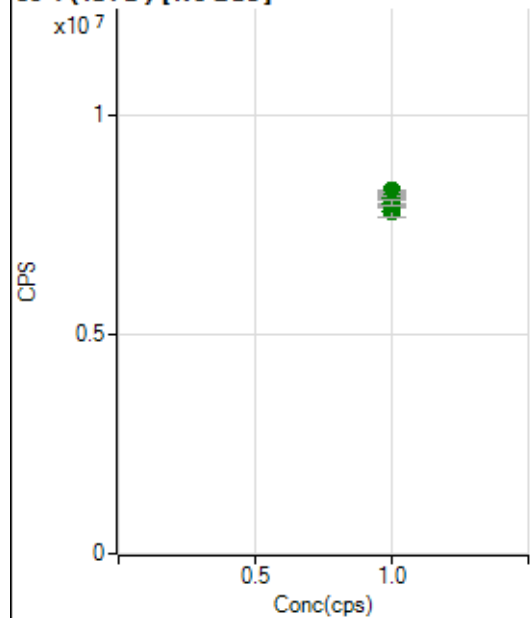
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1101427.91		A	2.5
2	☐	1.000					
3	☐	1.000		1071013.19		A	4.5
4	☐	1.000		1103076.93		A	0.7
5	☐	1.000		1104323.08		A	1.0
6	☐	1.000		1101524.97		A	0.6
7	☐	1.000		1117690.75		A	1.7
8	☐	1.000		1122361.01		A	1.4
9	☐	1.000		1064012.77		A	1.7

45 Sc (ISTD) [No Gas]

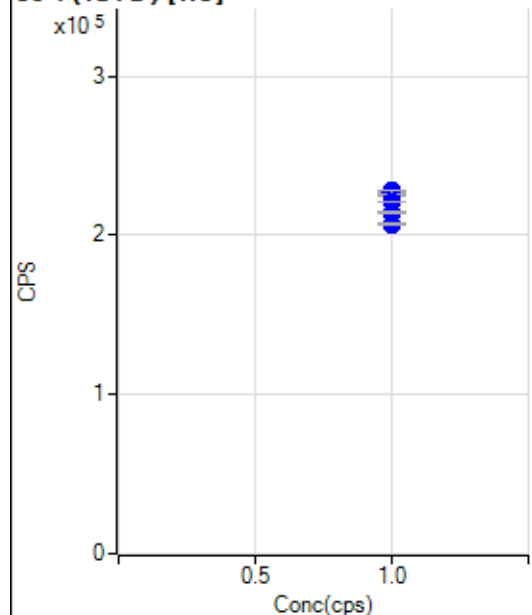
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4363651.92		A	2.7
2	☐	1.000					
3	☐	1.000		4212882.86		A	3.9
4	☐	1.000		4297060.47		A	0.9
5	☐	1.000		4388336.95		A	0.5
6	☐	1.000		4400613.90		A	0.3
7	☐	1.000		4370356.22		A	0.8
8	☐	1.000		4356932.91		A	0.7
9	☐	1.000		4219696.62		A	1.3

45 Sc (ISTD) [He]

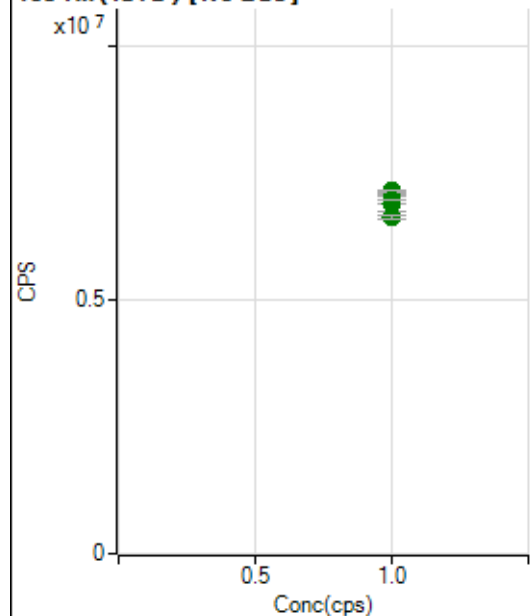
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		32688.11		P	1.0
2	☐	1.000					
3	☐	1.000		32723.73		P	1.2
4	☐	1.000		32952.14		P	1.6
5	☐	1.000		32742.82		P	0.9
6	☐	1.000		32410.86		P	0.6
7	☐	1.000		31870.81		P	0.7
8	☐	1.000		31664.74		P	1.4
9	☐	1.000		31380.76		P	0.8

89 Y (ISTD) [No Gas]

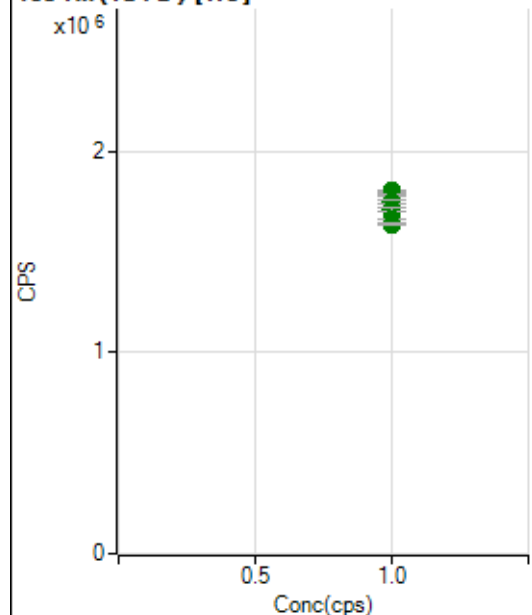
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7996008.07		A	2.2
2	☐	1.000					
3	☐	1.000		7832881.13		A	4.2
4	☐	1.000		8121274.67		A	0.4
5	☐	1.000		8154433.07		A	1.0
6	☐	1.000		8290836.33		A	0.1
7	☐	1.000		8249448.14		A	0.3
8	☐	1.000		8146965.16		A	1.1
9	☐	1.000		8013304.26		A	1.4

89 Y (ISTD) [He]

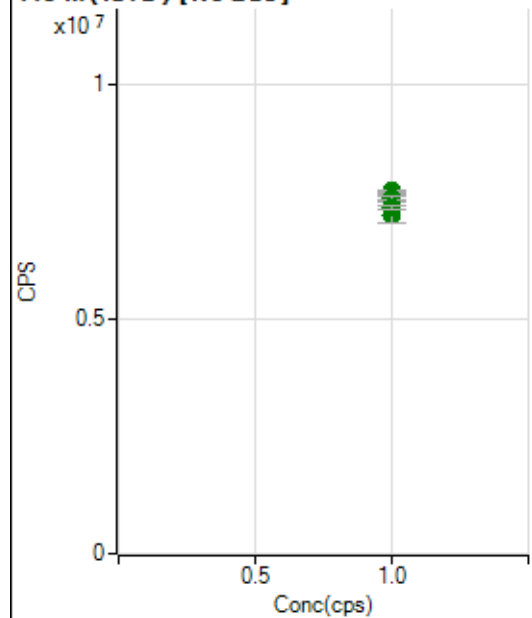
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		226575.19		P	0.6
2	☐	1.000					
3	☐	1.000		225322.43		P	1.0
4	☐	1.000		227983.52		P	0.9
5	☐	1.000		227143.37		P	0.6
6	☐	1.000		221183.78		P	0.3
7	☐	1.000		214236.21		P	0.6
8	☐	1.000		207075.61		P	0.5
9	☐	1.000		214360.46		P	0.2

103 Rh (ISTD) [No Gas]

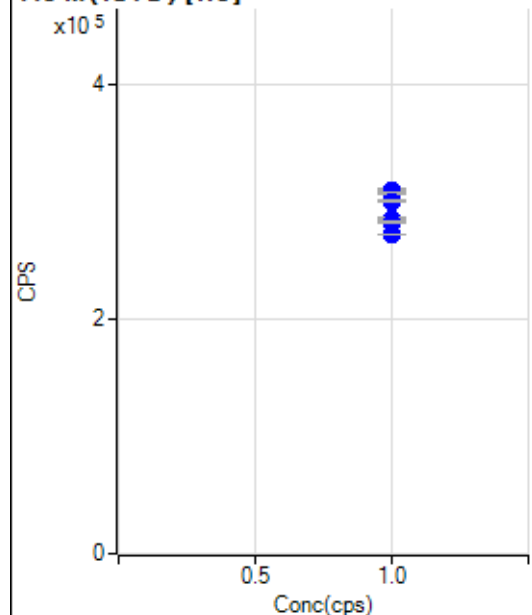
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6962499.72		A	2.2
2	☐	1.000					
3	☐	1.000		6896833.96		A	5.0
4	☐	1.000		7055786.27		A	0.1
5	☐	1.000		7093662.40		A	0.5
6	☐	1.000		7133429.85		A	0.5
7	☐	1.000		7126302.33		A	0.6
8	☐	1.000		6962544.51		A	0.3
9	☐	1.000		6628166.73		A	0.9

103 Rh (ISTD) [He]

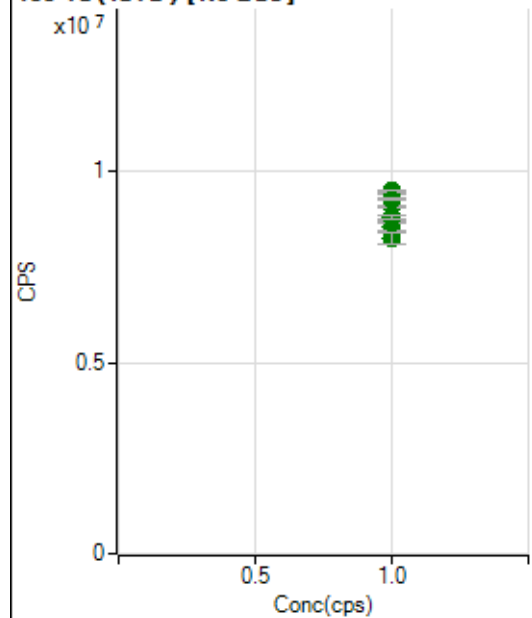
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1801118.96		A	0.5
2	☐	1.000					
3	☐	1.000		1780957.52		A	0.0
4	☐	1.000		1789393.88		A	0.9
5	☐	1.000		1779262.51		A	0.6
6	☐	1.000		1749272.37		A	0.9
7	☐	1.000		1707944.52		A	0.8
8	☐	1.000		1660967.56		A	0.4
9	☐	1.000		1634867.09		A	0.4

115 In (ISTD) [No Gas]

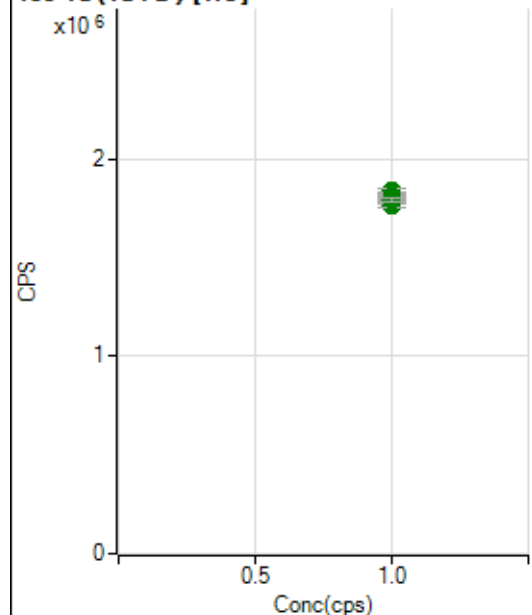
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7400470.90		A	2.2
2	☐	1.000					
3	☐	1.000		7221647.53		A	5.2
4	☐	1.000		7518520.73		A	0.4
5	☐	1.000		7566232.92		A	0.9
6	☐	1.000		7649543.16		A	0.6
7	☐	1.000		7724260.14		A	0.6
8	☐	1.000		7571449.94		A	0.9
9	☐	1.000		7366465.25		A	1.0

115 In (ISTD) [He]

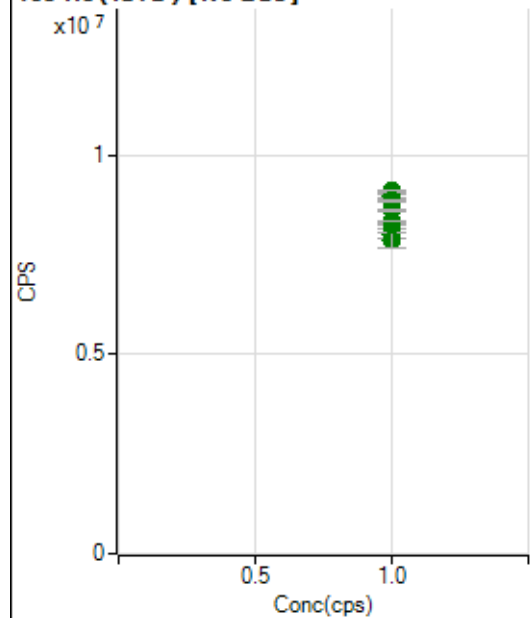
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		308772.46		P	0.9
2	☐	1.000					
3	☐	1.000		306055.16		P	0.4
4	☐	1.000		308438.12		P	0.7
5	☐	1.000		307046.00		P	0.8
6	☐	1.000		299812.78		P	0.5
7	☐	1.000		285116.21		P	0.8
8	☐	1.000		272115.79		P	0.1
9	☐	1.000		282017.51		P	0.4

159 Tb (ISTD) [No Gas]

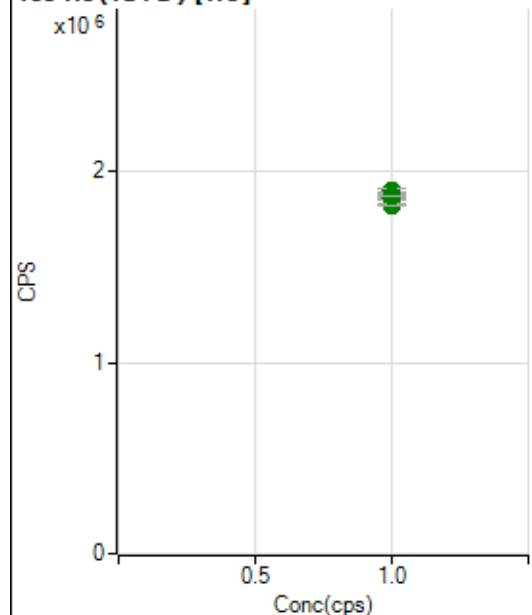
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8535590.50		A	2.3
2	☐	1.000					
3	☐	1.000		8225128.90		A	3.7
4	☐	1.000		8668281.88		A	0.7
5	☐	1.000		8797063.13		A	1.1
6	☐	1.000		9078833.96		A	0.5
7	☐	1.000		9427413.82		A	0.6
8	☐	1.000		9488159.79		A	0.8
9	☐	1.000		9263089.24		A	0.4

159 Tb (ISTD) [He]

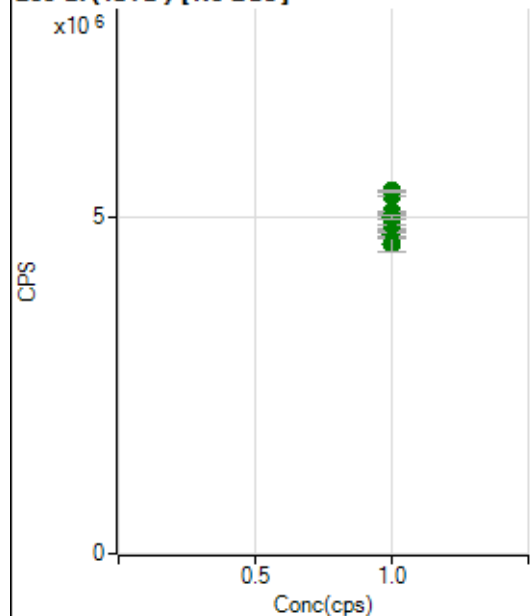
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1823536.88		A	0.4
2	☐	1.000					
3	☐	1.000		1795161.74		A	0.6
4	☐	1.000		1822801.41		A	0.7
5	☐	1.000		1836399.16		A	0.9
6	☐	1.000		1807120.27		A	0.1
7	☐	1.000		1791696.73		A	0.7
8	☐	1.000		1761832.32		A	0.7
9	☐	1.000		1791469.17		A	0.8

165 Ho (ISTD) [No Gas]

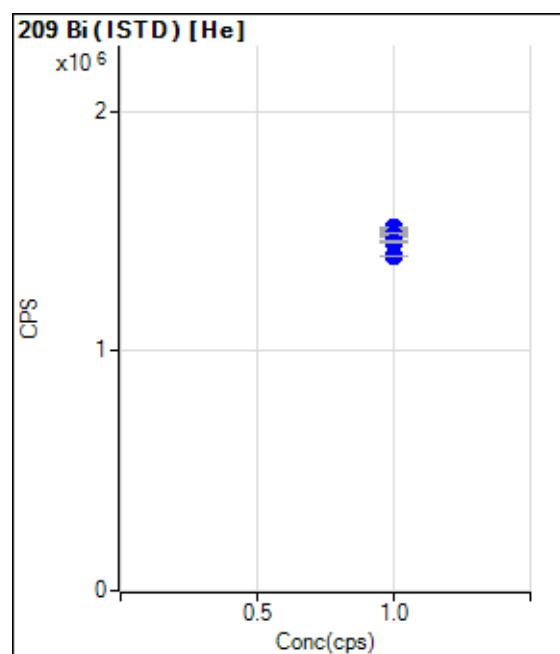
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8027182.64		A	2.8
2	☐	1.000					
3	☐	1.000		7866665.28		A	4.4
4	☐	1.000		8259666.07		A	0.6
5	☐	1.000		8350011.21		A	0.2
6	☐	1.000		8626696.63		A	0.3
7	☐	1.000		8982239.96		A	0.9
8	☐	1.000		9107446.99		A	0.9
9	☐	1.000		8861541.17		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1879652.89		A	0.5
2	☐	1.000					
3	☐	1.000		1861578.10		A	0.6
4	☐	1.000		1873633.12		A	1.8
5	☐	1.000		1890587.97		A	0.1
6	☐	1.000		1900555.92		A	1.2
7	☐	1.000		1861483.43		A	1.1
8	☐	1.000		1826893.29		A	0.2
9	☐	1.000		1873846.72		A	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4752226.18		A	3.0
2	☐	1.000					
3	☐	1.000		4597152.36		A	5.0
4	☐	1.000		4790103.26		A	0.3
5	☐	1.000		4881626.04		A	0.4
6	☐	1.000		5072783.26		A	0.6
7	☐	1.000		5317892.42		A	0.3
8	☐	1.000		5388774.78		A	0.8
9	☐	1.000		5001264.79		A	1.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1498120.59		P	0.8
2	☐	1.000					
3	☐	1.000		1477006.52		P	0.2
4	☐	1.000		1502520.83		P	0.6
5	☐	1.000		1514384.84		P	0.4
6	☐	1.000		1512562.72		P	0.2
7	☐	1.000		1487959.54		P	0.3
8	☐	1.000		1456677.57		P	0.3
9	☐	1.000		1399552.01		P	0.1

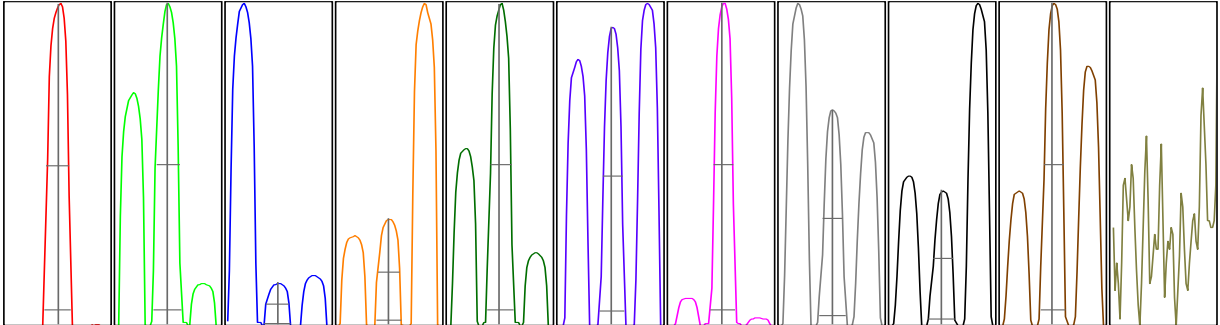
US EPA Tune Check Sample Report

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

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	9354	0.52	5.00	
24	73142	0.61	5.00	
25	9652	0.74	5.00	
26	11215	0.64	5.00	
59	100974	0.56	5.00	
113	13060	0.14	5.00	
115	164779	0.57	5.00	
206	29375	0.55	5.00	
207	26175	0.95	5.00	
208	62436	0.39	5.00	
220	1	13.92		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9428	9360	9348	9294	9338
24	73617	73499	72891	72523	73179
25	9759	9688	9632	9592	9590
26	11320	11235	11205	11192	11123
59	101377	101429	100860	101159	100044
113	13034	13055	13060	13082	13067
115	165398	165038	165291	165056	163112
206	29129	29300	29430	29499	29515
207	25752	26200	26258	26255	26410
208	62231	62498	62312	62834	62307
220	2	1	2	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	15233	9.05	8.9 - 9.1		0.780	0.900	
24	117627	24.00	23.9 - 24.1		0.828	0.900	
25	15449	25.00	24.9 - 25.1		0.743	0.900	
26	18304	26.00	25.9 - 26.1		0.741	0.900	
59	171931	59.00	58.9 - 59.1		0.780	0.900	
113	24110	113.05	112.9 - 113.1		0.729	0.900	
115	301924	115.05	114.9 - 115.1		0.724	0.900	
206	52872	206.05	205.9 - 206.1		0.775	0.900	
207	47648	207.00	206.9 - 207.1		0.748	0.900	
208	114099	208.00	207.9 - 208.1		0.738	0.900	
220			-				

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	8.1	V	Deflect	13.4	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	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	11574	0.88	
89	2611	0.69	
205	16914	0.67	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11654	11607	11670	11507	11433
89	2637	2608	2620	2589	2603
205	17059	17013	16848	16841	16810

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	8.1	V	Deflect	3.0	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	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 :	LB89847	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:40:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.05	-0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Barium	135-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.16	0.12	0.03	0.00	N/A	ppb
Boron	11-1	-0.10	0.07	0.02	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.02	0.00	0.00	N/A	ppb
Cadmium	106-1	0.20	-0.26	0.05	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.04	0.01	0.00	N/A	ppb
Calcium	43-1	7.82	-2.41	-5.41	0.00	N/A	ppb
Calcium	44-1	-3.20	0.15	3.05	0.00	N/A	ppb
Chromium	52-2	0.07	-0.03	-0.04	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.28	-0.26	0.00	N/A	ppb
Iron	57-2	-0.70	1.40	-0.70	0.00	N/A	ppb
Lead	206-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.12	-1.12	0.00	0.00	N/A	ppb
Manganese	55-2	-0.01	-0.07	0.08	0.00	N/A	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:40:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	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	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.07	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-10.20	-10.20	-10.20	-10.20		ppb
Potassium	39-2	18.10	-14.18	-3.93	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.53	0.26	0.27	0.00	N/A	ppb
Selenium	82-1	-0.11	-0.43	0.55	0.00	N/A	ppb
Silicon	28-1	-2.05	-2.07	4.12	0.00	N/A	ppb
Silver	109-1	0.00	0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.03	0.71	-0.68	0.00	N/A	ppb
Strontium	86-1	-0.02	-0.03	0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-499.31	-402.56	228.25	-224.54		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.05	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	0.01	0.03	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:40:23	DataFile Name :	003CALB.d

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

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:47:31	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.27	15.91	14.45	17.55	23.71	ppb
Antimony	121-1	2.04	1.88	1.96	1.96	4.04	ppb
Arsenic	75-2	0.92	0.92	0.94	0.92	1.27	ppb
Barium	135-1	10.06	9.12	9.35	9.51	5.13	ppb
Barium	137-1	10.14	9.38	9.92	9.82	3.98	ppb
Beryllium	9-1	0.98	0.84	0.95	0.92	7.89	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	24.13	21.51	21.24	22.29	7.16	ppb
Boron	11-1	22.90	21.93	21.91	22.25	2.55	ppb
Cadmium	111-1	1.16	1.04	0.88	1.03	13.62	ppb
Cadmium	106-1	0.89	0.94	-0.73	0.37	259.68	ppb
Cadmium	108-1	0.70	0.68	0.81	0.73	9.76	ppb
Calcium	43-1	476.71	441.21	449.56	455.83	4.07	ppb
Calcium	44-1	474.75	451.64	428.94	451.78	5.07	ppb
Chromium	52-2	2.08	1.72	1.92	1.91	9.41	ppb
Cobalt	59-2	0.94	0.94	0.86	0.92	4.84	ppb
Copper	63-2	2.04	2.02	2.08	2.05	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	46.59	44.65	44.67	45.30	2.46	ppb
Iron	57-2	45.99	56.13	38.89	47.01	18.43	ppb
Lead	206-1	1.19	1.08	1.04	1.10	6.89	ppb
Lead	207-1	1.14	1.05	1.05	1.08	4.68	ppb
Lead	208-1	1.13	1.05	1.04	1.08	4.55	ppb
Lithium	6-1				97		%
Magnesium	24-2	436.41	441.52	442.38	440.10	0.73	ppb
Manganese	55-2	0.93	0.78	0.83	0.85	9.19	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:47:31	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.13	2.02	1.94	2.03	4.94	ppb
Molybdenum	95-1	4.63	4.46	4.37	4.49	3.00	ppb
Molybdenum	96-1	4.25	3.80	3.96	4.01	5.67	ppb
Molybdenum	97-1	4.91	4.49	4.48	4.63	5.31	ppb
Molybdenum	98-1	4.79	4.47	4.44	4.57	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.07	0.81	0.96	14.31	ppb
Phosphorus	31-2	30.91	9.91	-10.20	10.20	201.47	ppb
Potassium	39-2	461.68	446.75	428.88	445.77	3.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	6.74	9.12	1.05	5.64	73.54	ppb
Selenium	82-1	4.73	3.87	4.77	4.46	11.37	ppb
Silicon	28-1	22.57	14.73	10.13	15.81	39.80	ppb
Silver	109-1	1.28	1.26	1.17	1.24	4.60	ppb
Silver	107-1	1.26	1.18	1.29	1.24	4.50	ppb
Sodium	23-2	448.26	437.02	437.30	440.86	1.45	ppb
Strontium	86-1	0.90	0.87	0.87	0.88	2.01	ppb
Strontium	88-1	0.96	0.93	0.92	0.94	2.04	ppb
Sulfur	34-1	880.43	195.01	-401.82	224.54	285.75	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	1.00	0.88	0.87	0.91	8.08	ppb
Thallium	205-1	1.03	0.93	0.88	0.95	8.08	ppb
Tin	118-1	5.12	4.73	4.57	4.81	5.86	ppb
Titanium	47-1	4.80	4.92	4.58	4.76	3.60	ppb
Uranium	238-1	0.98	0.84	0.86	0.89	8.50	ppb
Vanadium	51-2	4.71	4.38	4.43	4.50	3.91	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	2.27	1.97	2.06	2.10	7.27	ppb
Zirconium	90-1	0.95	0.86	0.89	0.90	5.09	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:47:31	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.02	0.88	0.88	0.93	8.68	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:50:59	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1006.24	928.52	985.06	973.27	4.13	ppb
Antimony	121-1	53.13	53.28	52.80	53.07	0.47	ppb
Arsenic	75-2	49.49	48.27	49.69	49.15	1.56	ppb
Barium	135-1	259.83	264.14	255.30	259.76	1.70	ppb
Barium	137-1	263.21	265.27	257.47	261.98	1.54	ppb
Beryllium	9-1	51.46	51.41	50.90	51.26	0.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	47.96	50.60	47.16	48.57	3.71	ppb
Boron	11-1	48.91	48.69	48.88	48.82	0.25	ppb
Cadmium	111-1	53.73	54.11	53.54	53.79	0.53	ppb
Cadmium	106-1	51.77	55.22	53.03	53.34	3.27	ppb
Cadmium	108-1	53.37	52.59	54.21	53.39	1.52	ppb
Calcium	43-1	5038.01	5064.10	4982.32	5028.15	0.83	ppb
Calcium	44-1	5147.78	5059.29	5031.17	5079.41	1.20	ppb
Chromium	52-2	52.42	50.85	51.51	51.59	1.53	ppb
Cobalt	59-2	51.65	50.05	51.46	51.05	1.72	ppb
Copper	63-2	104.79	100.34	103.59	102.91	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2710.52	2575.00	2645.37	2643.63	2.56	ppb
Iron	57-2	2607.89	2528.95	2638.79	2591.88	2.19	ppb
Lead	206-1	49.23	49.70	49.93	49.62	0.72	ppb
Lead	207-1	48.37	48.91	49.42	48.90	1.08	ppb
Lead	208-1	49.15	49.46	49.58	49.40	0.46	ppb
Lithium	6-1				100		%
Magnesium	24-2	5089.77	4935.23	4947.41	4990.80	1.72	ppb
Manganese	55-2	107.49	103.45	104.78	105.24	1.96	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:50:59	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	50.62	50.01	50.41	50.35	0.62	ppb
Molybdenum	95-1	49.01	49.32	49.43	49.25	0.44	ppb
Molybdenum	96-1	49.49	49.48	48.93	49.30	0.65	ppb
Molybdenum	97-1	49.97	49.34	48.97	49.42	1.02	ppb
Molybdenum	98-1	49.60	49.60	49.74	49.64	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.54	50.74	52.55	51.61	1.75	ppb
Phosphorus	31-2	1011.82	900.24	1137.17	1016.41	11.66	ppb
Potassium	39-2	2671.03	2554.19	2602.80	2609.34	2.25	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	49.95	54.06	69.04	57.69	17.42	ppb
Selenium	78-2	45.08	53.79	54.76	51.21	10.41	ppb
Selenium	82-1	50.22	51.02	50.92	50.72	0.86	ppb
Silicon	28-1	70.55	74.12	69.42	71.37	3.44	ppb
Silver	109-1	50.45	51.13	50.65	50.74	0.69	ppb
Silver	107-1	51.21	51.04	50.58	50.94	0.64	ppb
Sodium	23-2	5004.73	4872.47	4951.97	4943.06	1.35	ppb
Strontium	86-1	51.11	51.34	51.01	51.16	0.32	ppb
Strontium	88-1	51.64	51.19	51.01	51.28	0.64	ppb
Sulfur	34-1	932.14	1105.22	875.78	971.05	12.31	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	49.94	49.74	49.74	49.80	0.24	ppb
Thallium	205-1	50.41	50.61	50.07	50.36	0.53	ppb
Tin	118-1	53.37	53.15	52.22	52.91	1.15	ppb
Titanium	47-1	52.73	51.65	51.01	51.80	1.68	ppb
Uranium	238-1	48.61	49.00	48.24	48.62	0.78	ppb
Vanadium	51-2	50.76	49.94	51.08	50.59	1.15	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	105.48	99.16	101.00	101.88	3.19	ppb
Zirconium	90-1	50.44	50.02	50.39	50.28	0.45	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:50:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.29	49.15	50.24	49.90	1.29	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:54:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2465.25	2340.90	2406.75	2404.30	2.59	ppb
Antimony	121-1	132.02	131.60	130.06	131.23	0.79	ppb
Arsenic	75-2	122.32	123.07	124.30	123.23	0.81	ppb
Barium	135-1	653.71	652.56	644.29	650.19	0.79	ppb
Barium	137-1	656.71	664.96	639.39	653.69	2.00	ppb
Beryllium	9-1	125.74	128.38	125.54	126.55	1.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	119.79	127.60	121.46	122.95	3.34	ppb
Boron	11-1	122.79	125.08	124.11	123.99	0.93	ppb
Cadmium	111-1	134.34	133.29	131.10	132.91	1.25	ppb
Cadmium	106-1	136.06	136.10	132.07	134.74	1.72	ppb
Cadmium	108-1	135.49	137.96	130.47	134.64	2.83	ppb
Calcium	43-1	12265.34	12282.20	12293.40	12280.31	0.11	ppb
Calcium	44-1	12329.24	12201.58	12329.49	12286.77	0.60	ppb
Chromium	52-2	130.46	127.73	126.84	128.34	1.47	ppb
Cobalt	59-2	126.55	126.04	126.56	126.38	0.23	ppb
Copper	63-2	259.74	255.04	258.90	257.89	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	6646.74	6537.08	6561.44	6581.75	0.87	ppb
Iron	57-2	6409.45	6405.06	6411.46	6408.66	0.05	ppb
Lead	206-1	124.59	124.77	122.91	124.09	0.82	ppb
Lead	207-1	123.34	124.28	122.60	123.41	0.68	ppb
Lead	208-1	123.86	124.28	123.55	123.90	0.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	12535.21	12445.47	12707.67	12562.78	1.06	ppb
Manganese	55-2	262.46	259.29	258.70	260.15	0.78	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:54:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	127.34	124.37	126.40	126.04	1.20	ppb
Molybdenum	95-1	125.11	122.82	124.56	124.17	0.96	ppb
Molybdenum	96-1	124.21	122.11	124.68	123.67	1.11	ppb
Molybdenum	97-1	125.42	122.42	124.40	124.08	1.23	ppb
Molybdenum	98-1	124.76	122.57	125.84	124.39	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.61	129.53	129.33	129.16	0.38	ppb
Phosphorus	31-2	2927.83	2715.82	2648.38	2764.01	5.28	ppb
Potassium	39-2	6589.13	6529.02	6595.05	6571.07	0.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	88.82	99.30	114.93	101.02	13.01	ppb
Selenium	78-2	112.50	126.70	142.74	127.31	11.88	ppb
Selenium	82-1	128.97	127.36	126.16	127.50	1.11	ppb
Silicon	28-1	134.32	127.21	131.71	131.08	2.74	ppb
Silver	109-1	125.69	126.90	123.32	125.31	1.45	ppb
Silver	107-1	126.72	126.01	124.88	125.87	0.74	ppb
Sodium	23-2	12564.28	12398.36	12521.06	12494.57	0.69	ppb
Strontium	86-1	128.31	125.52	127.68	127.17	1.15	ppb
Strontium	88-1	128.88	126.25	128.02	127.72	1.05	ppb
Sulfur	34-1	2274.14	2057.43	2282.32	2204.63	5.79	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	125.31	124.62	123.75	124.56	0.63	ppb
Thallium	205-1	130.51	127.94	127.25	128.57	1.34	ppb
Tin	118-1	132.17	131.95	128.42	130.85	1.61	ppb
Titanium	47-1	127.76	127.88	127.48	127.71	0.16	ppb
Uranium	238-1	123.86	123.11	121.38	122.78	1.04	ppb
Vanadium	51-2	129.80	126.74	128.14	128.23	1.19	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	253.80	250.64	255.26	253.23	0.93	ppb
Zirconium	90-1	128.76	126.51	128.18	127.82	0.91	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:54:27	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.78	122.69	125.91	124.46	1.31	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:57:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5061.79	4958.53	4948.76	4989.69	1.26	ppb
Antimony	121-1	265.71	264.86	260.22	263.60	1.12	ppb
Arsenic	75-2	252.90	249.36	253.66	251.97	0.91	ppb
Barium	135-1	1306.35	1292.79	1284.70	1294.61	0.84	ppb
Barium	137-1	1309.19	1297.85	1289.37	1298.80	0.77	ppb
Beryllium	9-1	258.17	254.53	255.81	256.17	0.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	249.65	250.59	247.94	249.39	0.54	ppb
Boron	11-1	249.62	248.52	256.71	251.61	1.77	ppb
Cadmium	111-1	260.43	259.90	259.02	259.78	0.27	ppb
Cadmium	106-1	268.60	258.30	258.45	261.78	2.26	ppb
Cadmium	108-1	268.37	262.14	262.70	264.40	1.30	ppb
Calcium	43-1	24696.26	24603.44	24688.99	24662.90	0.21	ppb
Calcium	44-1	24704.76	24481.79	24391.59	24526.05	0.66	ppb
Chromium	52-2	256.82	258.88	257.13	257.61	0.43	ppb
Cobalt	59-2	253.72	255.20	253.39	254.11	0.38	ppb
Copper	63-2	511.06	514.21	510.70	511.99	0.38	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				107		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	12918.95	12931.13	13023.37	12957.82	0.44	ppb
Iron	57-2	12877.55	12972.21	12973.82	12941.19	0.43	ppb
Lead	206-1	246.61	246.63	251.46	248.23	1.13	ppb
Lead	207-1	244.11	244.99	248.36	245.82	0.91	ppb
Lead	208-1	249.90	249.20	252.90	250.67	0.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	25270.09	25420.57	25333.70	25341.45	0.30	ppb
Manganese	55-2	510.97	522.11	522.22	518.43	1.25	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:57:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.94	252.64	255.15	252.91	0.84	ppb
Molybdenum	95-1	242.51	246.93	247.69	245.71	1.14	ppb
Molybdenum	96-1	245.76	249.19	247.59	247.51	0.69	ppb
Molybdenum	97-1	248.72	250.21	248.23	249.05	0.41	ppb
Molybdenum	98-1	252.93	254.77	251.69	253.13	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.23	260.96	261.42	261.20	0.09	ppb
Phosphorus	31-2	5699.19	5303.40	5533.14	5511.91	3.61	ppb
Potassium	39-2	12938.88	13098.64	12903.71	12980.41	0.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	244.21	332.60	320.83	299.21	16.04	ppb
Selenium	78-2	251.30	251.09	264.57	255.65	3.02	ppb
Selenium	82-1	253.68	253.65	254.47	253.93	0.18	ppb
Silicon	28-1	257.71	269.96	270.69	266.12	2.74	ppb
Silver	109-1	250.03	252.70	249.44	250.73	0.69	ppb
Silver	107-1	252.06	255.01	250.66	252.58	0.88	ppb
Sodium	23-2	25362.12	25913.38	25512.67	25596.06	1.11	ppb
Strontium	86-1	250.21	253.00	251.08	251.43	0.57	ppb
Strontium	88-1	253.20	250.47	253.00	252.22	0.60	ppb
Sulfur	34-1	4654.69	4564.91	4527.61	4582.40	1.43	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	247.34	248.77	250.51	248.87	0.64	ppb
Thallium	205-1	252.23	250.15	259.03	253.81	1.83	ppb
Tin	118-1	265.70	264.24	261.15	263.70	0.88	ppb
Titanium	47-1	254.82	251.92	254.37	253.70	0.61	ppb
Uranium	238-1	245.57	241.16	248.24	244.99	1.46	ppb
Vanadium	51-2	254.99	256.07	252.84	254.63	0.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	512.47	512.24	500.80	508.50	1.31	ppb
Zirconium	90-1	251.03	254.54	251.25	252.28	0.78	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:57:51	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	246.96	249.61	249.39	248.66	0.59	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:01:08	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9895.01	10024.36	10030.27	9983.22	0.77	ppb
Antimony	121-1	507.60	507.00	509.41	508.01	0.25	ppb
Arsenic	75-2	496.81	498.71	499.37	498.30	0.27	ppb
Barium	135-1	2515.60	2532.38	2520.96	2522.98	0.34	ppb
Barium	137-1	2528.33	2507.81	2498.73	2511.62	0.60	ppb
Beryllium	9-1	506.18	508.33	497.57	504.03	1.13	ppb
Bismuth	209-1				112		%
Bismuth	209-2				99		%
Boron	10-1	498.94	502.67	505.56	502.39	0.66	ppb
Boron	11-1	495.06	504.85	496.71	498.87	1.05	ppb
Cadmium	111-1	502.73	506.76	501.15	503.55	0.57	ppb
Cadmium	106-1	513.16	512.66	510.74	512.19	0.25	ppb
Cadmium	108-1	508.15	502.76	510.73	507.21	0.80	ppb
Calcium	43-1	48581.46	49065.80	49248.80	48965.36	0.70	ppb
Calcium	44-1	48084.80	48531.19	48646.83	48420.94	0.61	ppb
Chromium	52-2	503.23	507.81	512.96	508.00	0.96	ppb
Cobalt	59-2	503.34	503.31	507.17	504.61	0.44	ppb
Copper	63-2	1017.54	1015.99	1043.21	1025.58	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	56-2	25561.69	25544.96	26082.21	25729.62	1.19	ppb
Iron	57-2	25322.82	25119.94	25750.13	25397.63	1.27	ppb
Lead	206-1	505.42	499.20	508.25	504.29	0.92	ppb
Lead	207-1	503.68	502.01	504.43	503.37	0.25	ppb
Lead	208-1	504.70	501.24	502.26	502.73	0.35	ppb
Lithium	6-1				101		%
Magnesium	24-2	51148.87	51806.71	52623.81	51859.80	1.42	ppb
Manganese	55-2	1011.82	1003.97	1020.95	1012.25	0.84	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:01:08	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	500.12	501.10	501.46	500.89	0.14	ppb
Molybdenum	95-1	505.03	498.01	497.66	500.23	0.83	ppb
Molybdenum	96-1	501.97	500.90	505.39	502.75	0.47	ppb
Molybdenum	97-1	495.70	493.77	502.35	497.28	0.91	ppb
Molybdenum	98-1	505.47	507.14	505.28	505.96	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.99	505.76	514.66	509.47	0.91	ppb
Phosphorus	31-2	9756.79	10204.84	9693.14	9884.92	2.82	ppb
Potassium	39-2	25195.79	25493.87	25745.23	25478.30	1.08	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	512.69	460.16	574.76	515.87	11.12	ppb
Selenium	78-2	514.83	536.61	508.80	520.08	2.81	ppb
Selenium	82-1	499.85	503.32	502.28	501.82	0.36	ppb
Silicon	28-1	531.29	545.24	539.34	538.62	1.30	ppb
Silver	109-1	479.63	474.43	473.55	475.87	0.69	ppb
Silver	107-1	476.74	478.50	473.51	476.25	0.53	ppb
Sodium	23-2	51209.64	50796.95	51852.84	51286.48	1.04	ppb
Strontium	86-1	495.48	497.72	503.62	498.94	0.84	ppb
Strontium	88-1	499.08	499.07	499.88	499.34	0.09	ppb
Sulfur	34-1	9566.16	9958.15	9720.17	9748.16	2.03	ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	512.10	502.01	511.21	508.44	1.10	ppb
Thallium	205-1	505.71	497.16	506.71	503.19	1.04	ppb
Tin	118-1	513.50	512.87	507.72	511.36	0.62	ppb
Titanium	47-1	500.43	499.43	510.65	503.50	1.23	ppb
Uranium	238-1	487.26	493.20	496.35	492.27	0.94	ppb
Vanadium	51-2	500.33	505.00	508.99	504.77	0.86	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	985.65	982.00	996.01	987.89	0.74	ppb
Zirconium	90-1	501.54	499.64	497.18	499.45	0.44	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:01:08	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.82	495.59	504.42	500.61	0.91	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:04:21	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19672.43	19136.25	19453.28	19420.65	1.39	ppb
Antimony	121-1	992.02	989.57	993.41	991.67	0.20	ppb
Arsenic	75-2	996.17	1004.61	1001.09	1000.62	0.42	ppb
Barium	135-1	5002.92	4992.49	4925.75	4973.72	0.84	ppb
Barium	137-1	4997.84	4968.57	4967.00	4977.80	0.35	ppb
Beryllium	9-1	984.85	1017.48	986.22	996.19	1.85	ppb
Bismuth	209-1				113		%
Bismuth	209-2				97		%
Boron	10-1	976.25	1013.12	1008.69	999.35	2.01	ppb
Boron	11-1	983.80	1012.56	1004.88	1000.41	1.49	ppb
Cadmium	111-1	990.05	989.50	1004.26	994.60	0.84	ppb
Cadmium	106-1	983.81	992.95	991.98	989.58	0.51	ppb
Cadmium	108-1	990.59	991.92	991.76	991.42	0.07	ppb
Calcium	43-1	100311.89	97924.79	98514.35	98917.01	1.26	ppb
Calcium	44-1	97335.44	96339.38	96519.81	96731.55	0.55	ppb
Chromium	52-2	1002.59	977.85	1000.36	993.60	1.38	ppb
Cobalt	59-2	1006.83	973.91	1008.59	996.44	1.96	ppb
Copper	63-2	2001.31	1963.08	1984.85	1983.08	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				88		%
Iron	56-2	51017.33	50283.17	50759.59	50686.70	0.73	ppb
Iron	57-2	50001.35	49344.49	50114.58	49820.14	0.83	ppb
Lead	206-1	998.73	995.40	1001.16	998.43	0.29	ppb
Lead	207-1	992.20	1006.93	999.72	999.61	0.74	ppb
Lead	208-1	995.65	1001.19	999.07	998.64	0.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	102703.57	100033.14	101791.97	101509.56	1.34	ppb
Manganese	55-2	1981.99	1972.14	2009.08	1987.74	0.96	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:04:21	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	994.21	1005.01	996.86	998.69	0.56	ppb
Molybdenum	95-1	993.82	1005.79	1003.69	1001.10	0.64	ppb
Molybdenum	96-1	996.32	1003.21	998.83	999.45	0.35	ppb
Molybdenum	97-1	993.80	1011.48	999.95	1001.74	0.90	ppb
Molybdenum	98-1	987.69	1006.89	994.42	996.33	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	999.32	977.62	998.65	991.87	1.24	ppb
Phosphorus	31-2	19426.40	20061.40	20199.41	19895.74	2.07	ppb
Potassium	39-2	49696.76	48933.17	50009.78	49546.57	1.12	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	955.62	939.56	1052.02	982.40	6.19	ppb
Selenium	78-2	1006.65	991.24	966.69	988.19	2.04	ppb
Selenium	82-1	988.96	1004.28	1000.04	997.76	0.79	ppb
Silicon	28-1	969.87	969.48	984.96	974.77	0.91	ppb
Silver	109-1	1003.25	1019.92	1012.26	1011.81	0.82	ppb
Silver	107-1	1006.26	1014.25	1012.71	1011.08	0.42	ppb
Sodium	23-2	100311.14	99247.62	101520.06	100359.61	1.13	ppb
Strontium	86-1	995.52	997.48	1006.54	999.85	0.59	ppb
Strontium	88-1	995.41	1004.71	997.99	999.37	0.48	ppb
Sulfur	34-1	20095.96	20231.98	20478.13	20268.69	0.96	ppb
Terbium	159-1				111		%
Terbium	159-2				97		%
Thallium	203-1	997.47	992.52	998.39	996.13	0.32	ppb
Thallium	205-1	993.18	1002.59	995.19	996.99	0.50	ppb
Tin	118-1	988.32	998.23	983.51	990.02	0.76	ppb
Titanium	47-1	1001.73	994.24	994.72	996.90	0.42	ppb
Uranium	238-1	1006.91	1002.02	1007.46	1005.46	0.30	ppb
Vanadium	51-2	1000.48	985.54	1002.07	996.03	0.92	ppb
Yttrium	89-1				102		%
Yttrium	89-2				91		%
Zinc	66-2	2008.63	1976.90	2024.77	2003.43	1.22	ppb
Zirconium	90-1	999.40	997.65	1000.97	999.34	0.17	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:04:21	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1003.49	1001.30	995.52	1000.10	0.41	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:07:29	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100228.50	101520.27	98613.40	100120.72	1.45	ppb
Antimony	121-1	2.25	2.23	2.14	2.21	2.64	ppb
Arsenic	75-2	0.34	0.15	0.27	0.25	38.59	ppb
Barium	135-1	1.61	1.66	1.58	1.62	2.73	ppb
Barium	137-1	1.73	1.73	1.60	1.69	4.34	ppb
Beryllium	9-1	0.29	0.36	0.37	0.34	12.97	ppb
Bismuth	209-1				105		%
Bismuth	209-2				93		%
Boron	10-1	38.97	39.51	37.25	38.58	3.06	ppb
Boron	11-1	39.95	37.08	34.75	37.26	6.99	ppb
Cadmium	111-1	0.07	0.09	0.05	0.07	28.89	ppb
Cadmium	106-1	-1.46	-0.65	-1.65	-1.25		ppb
Cadmium	108-1	0.23	0.20	0.00	0.14	88.54	ppb
Calcium	43-1	494174.21	507513.42	499338.89	500342.17	1.34	ppb
Calcium	44-1	497956.06	505910.52	498653.06	500839.88	0.88	ppb
Chromium	52-2	3.65	3.46	3.24	3.45	5.94	ppb
Cobalt	59-2	1.13	1.19	1.23	1.18	4.55	ppb
Copper	63-2	2.96	2.91	3.06	2.98	2.56	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				110		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	250851.73	251890.55	246528.96	249757.08	1.14	ppb
Iron	57-2	251749.37	250306.63	247851.79	249969.27	0.79	ppb
Lead	206-1	1.92	1.99	1.80	1.91	5.04	ppb
Lead	207-1	1.88	1.88	1.78	1.84	3.18	ppb
Lead	208-1	1.89	1.94	1.83	1.89	3.07	ppb
Lithium	6-1				97		%
Magnesium	24-2	502355.84	500571.20	495553.81	499493.62	0.71	ppb
Manganese	55-2	4.52	4.85	4.54	4.64	3.95	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:07:29	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.50	0.45	0.45	0.47	5.83	ppb
Molybdenum	95-1	1.08	0.98	0.99	1.02	5.47	ppb
Molybdenum	96-1	1.45	1.35	1.32	1.37	4.84	ppb
Molybdenum	97-1	1.18	0.98	0.98	1.04	10.99	ppb
Molybdenum	98-1	1.01	1.07	0.93	1.00	7.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.31	2.24	2.14	2.23	3.90	ppb
Phosphorus	31-2	10.99	-10.20	31.65	10.81	193.53	ppb
Potassium	39-2	250479.69	252076.97	247472.82	250009.82	0.94	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	5.25	1.75	173.21	ppb
Selenium	78-2	0.31	0.31	1.15	0.59	82.33	ppb
Selenium	82-1	-0.23	0.55	0.15	0.16	248.47	ppb
Silicon	28-1	0.47	2.54	0.87	1.29	85.15	ppb
Silver	109-1	0.10	0.08	0.09	0.09	11.36	ppb
Silver	107-1	0.10	0.09	0.11	0.10	7.69	ppb
Sodium	23-2	504182.61	502883.42	492245.14	499770.39	1.31	ppb
Strontium	86-1	34.06	35.40	33.37	34.28	3.02	ppb
Strontium	88-1	34.46	35.60	34.38	34.81	1.96	ppb
Sulfur	34-1	-140.12	164.11	6.21	10.07	1511.58	ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	0.33	0.29	0.26	0.29	11.81	ppb
Thallium	205-1	0.31	0.30	0.28	0.30	4.11	ppb
Tin	118-1	0.65	0.72	0.61	0.66	8.46	ppb
Titanium	47-1	0.62	0.78	0.60	0.67	15.10	ppb
Uranium	238-1	0.07	0.08	0.06	0.07	10.50	ppb
Vanadium	51-2	0.26	0.26	0.29	0.27	6.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	7.67	7.02	7.34	7.34	4.44	ppb
Zirconium	90-1	0.17	0.18	0.17	0.17	1.76	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:07:29	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.16	0.15	0.16	4.77	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:17:25	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.52	476.30	432.56	468.79	7.07	ppb
Antimony	121-1	204.50	203.54	205.90	204.65	0.58	ppb
Arsenic	75-2	197.92	193.83	193.40	195.05	1.28	ppb
Barium	135-1	100.40	101.56	102.34	101.43	0.96	ppb
Barium	137-1	101.47	102.21	103.82	102.50	1.17	ppb
Beryllium	9-1	97.20	96.93	97.08	97.07	0.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	551.89	554.28	556.36	554.18	0.40	ppb
Boron	11-1	560.92	554.75	557.36	557.68	0.56	ppb
Cadmium	111-1	105.94	106.12	108.00	106.68	1.07	ppb
Cadmium	106-1	165.56	164.61	164.72	164.96	0.31	ppb
Cadmium	108-1	137.37	136.31	138.58	137.42	0.82	ppb
Calcium	43-1	2101.15	2132.94	2159.66	2131.25	1.37	ppb
Calcium	44-1	2061.27	2083.40	2098.11	2080.93	0.89	ppb
Chromium	52-2	98.91	98.68	97.45	98.34	0.80	ppb
Cobalt	59-2	101.54	100.14	100.21	100.63	0.78	ppb
Copper	63-2	101.16	101.68	99.44	100.76	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	1026.17	1018.92	1003.02	1016.04	1.17	ppb
Iron	57-2	993.52	985.13	986.34	988.33	0.46	ppb
Lead	206-1	198.17	196.03	197.59	197.27	0.56	ppb
Lead	207-1	186.97	189.76	189.56	188.76	0.83	ppb
Lead	208-1	196.89	198.46	197.00	197.45	0.44	ppb
Lithium	6-1				103		%
Magnesium	24-2	1171.73	1213.40	1161.56	1182.23	2.32	ppb
Manganese	55-2	102.28	100.88	99.11	100.76	1.58	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:17:25	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	514.18	504.50	513.40	510.69	1.05	ppb
Molybdenum	95-1	516.41	508.05	519.73	514.73	1.17	ppb
Molybdenum	96-1	514.37	512.56	512.17	513.03	0.23	ppb
Molybdenum	97-1	502.90	495.95	506.27	501.71	1.05	ppb
Molybdenum	98-1	518.79	511.52	519.61	516.64	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.60	104.10	102.50	103.74	1.06	ppb
Phosphorus	31-2	-10.20	10.31	10.13	3.41	345.50	ppb
Potassium	39-2	2000.16	2055.30	2045.73	2033.73	1.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	185.19	169.40	232.10	195.56	16.68	ppb
Selenium	78-2	199.70	191.87	196.10	195.89	2.00	ppb
Selenium	82-1	201.42	198.57	205.59	201.86	1.75	ppb
Silicon	28-1	485.82	504.61	497.41	495.95	1.91	ppb
Silver	109-1	94.58	95.58	96.44	95.53	0.97	ppb
Silver	107-1	95.13	95.83	97.15	96.04	1.07	ppb
Sodium	23-2	2045.78	2026.90	1988.17	2020.28	1.45	ppb
Strontium	86-1	509.57	501.00	509.95	506.84	1.00	ppb
Strontium	88-1	509.63	501.32	508.99	506.65	0.91	ppb
Sulfur	34-1	-372.59	-117.58	-335.92	-275.36		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	201.38	200.57	199.67	200.54	0.43	ppb
Thallium	205-1	209.27	208.35	206.47	208.03	0.69	ppb
Tin	118-1	530.45	534.69	540.86	535.33	0.98	ppb
Titanium	47-1	512.20	518.20	517.22	515.87	0.62	ppb
Uranium	238-1	537.75	548.91	535.05	540.57	1.36	ppb
Vanadium	51-2	100.36	97.79	98.14	98.76	1.41	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	197.52	193.62	194.92	195.36	1.02	ppb
Zirconium	90-1	507.57	496.67	503.52	502.59	1.10	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:17:25	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.35	502.28	508.99	507.21	0.85	ppb

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 12:20:29 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.32	0.12	-4.38	-1.86		ppb
Antimony	121-1	0.15	0.12	0.19	0.15	24.67	ppb
Arsenic	75-2	0.00	0.03	-0.01	0.01	292.23	ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.02		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.15	0.07	0.07	0.10	46.25	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	12.33	12.47	11.06	11.96	6.49	ppb
Boron	11-1	13.61	12.87	13.10	13.20	2.86	ppb
Cadmium	111-1	-0.05	-0.11	-0.13	-0.10		ppb
Cadmium	106-1	-0.74	-1.70	-1.87	-1.44		ppb
Cadmium	108-1	-0.09	-0.09	-0.06	-0.08		ppb
Calcium	43-1	-13.61	-14.41	-11.35	-13.12		ppb
Calcium	44-1	4.72	7.49	9.31	7.17	32.23	ppb
Chromium	52-2	-0.04	-0.07	-0.06	-0.06		ppb
Cobalt	59-2	0.00	0.03	0.00	0.01	196.91	ppb
Copper	63-2	0.02	0.06	0.00	0.02	133.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	0.43	4.40	0.68	1.84	120.97	ppb
Iron	57-2	0.33	3.57	4.31	2.74	77.26	ppb
Lead	206-1	0.04	0.03	0.03	0.03	27.67	ppb
Lead	207-1	0.05	0.05	0.06	0.05	8.47	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.49	4.73	1.49	2.90	57.25	ppb
Manganese	55-2	-0.13	-0.22	-0.10	-0.15		ppb

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 12:20:29 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.04	0.05	9.49	ppb
Molybdenum	95-1	0.06	0.07	0.04	0.06	25.62	ppb
Molybdenum	96-1	0.06	0.06	0.08	0.07	21.15	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.04	11.13	ppb
Molybdenum	98-1	0.06	0.06	0.07	0.07	9.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.03	-0.05	-0.05		ppb
Phosphorus	31-2	-10.20	10.63	-10.20	-3.26		ppb
Potassium	39-2	26.36	29.09	10.93	22.13	44.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	5.01	1.67	173.21	ppb
Selenium	78-2	0.30	1.13	0.27	0.56	86.08	ppb
Selenium	82-1	-0.83	-0.96	-0.22	-0.67		ppb
Silicon	28-1	-10.07	-11.55	-8.40	-10.01		ppb
Silver	109-1	0.01	0.02	0.01	0.01	8.04	ppb
Silver	107-1	0.02	0.03	0.01	0.02	38.63	ppb
Sodium	23-2	42.56	39.27	47.00	42.94	9.03	ppb
Strontium	86-1	-0.16	-0.05	-0.08	-0.10		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	118.79	ppb
Sulfur	34-1	-398.83	-687.71	-496.59	-527.71		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.07	0.03	0.05	39.63	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	16.64	ppb
Tin	118-1	0.41	0.36	0.42	0.40	8.49	ppb
Titanium	47-1	-0.04	0.00	0.02	-0.01		ppb
Uranium	238-1	0.01	0.01	0.02	0.01	42.10	ppb
Vanadium	51-2	-0.02	0.02	0.00	0.00	3221.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	0.26	-0.03	0.02	0.08	191.80	ppb
Zirconium	90-1	0.04	0.04	0.06	0.05	23.40	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:20:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.09	0.04	98.50	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:23:39	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91021.68	92157.35	89454.03	90877.69	1.49	ppb
Antimony	121-1	1.18	1.17	1.24	1.20	3.34	ppb
Arsenic	75-2	0.42	0.19	0.26	0.29	39.89	ppb
Barium	135-1	1.52	1.53	1.58	1.54	2.36	ppb
Barium	137-1	1.47	1.42	1.55	1.48	4.47	ppb
Beryllium	9-1	0.42	0.35	0.36	0.38	9.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	10.13	9.14	10.34	9.87	6.49	ppb
Boron	11-1	10.56	10.46	10.18	10.40	1.93	ppb
Cadmium	111-1	0.26	0.21	0.19	0.22	16.83	ppb
Cadmium	106-1	-0.67	-1.11	-1.42	-1.07		ppb
Cadmium	108-1	7.06	7.13	7.35	7.18	2.09	ppb
Calcium	43-1	97947.55	96292.50	98508.60	97582.88	1.18	ppb
Calcium	44-1	96901.46	95322.08	98529.63	96917.72	1.65	ppb
Chromium	52-2	19.61	19.05	19.86	19.50	2.12	ppb
Cobalt	59-2	1.15	1.13	1.08	1.12	2.93	ppb
Copper	63-2	7.78	8.01	7.69	7.83	2.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	98372.89	101368.36	98921.42	99554.22	1.60	ppb
Iron	57-2	97594.24	100291.39	97518.86	98468.16	1.60	ppb
Lead	206-1	4.67	4.43	4.93	4.68	5.26	ppb
Lead	207-1	4.00	3.98	4.31	4.10	4.53	ppb
Lead	208-1	4.31	4.20	4.49	4.33	3.35	ppb
Lithium	6-1				99		%
Magnesium	24-2	98334.09	101252.47	99135.70	99574.08	1.51	ppb
Manganese	55-2	7.49	7.16	7.58	7.41	2.95	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:23:39	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	582.75	578.23	600.43	587.13	2.00	ppb
Molybdenum	95-1	1907.99	1880.90	1942.12	1910.34	1.61	ppb
Molybdenum	96-1	1573.62	1560.37	1626.29	1586.76	2.20	ppb
Molybdenum	97-1	1912.60	1860.90	1945.21	1906.24	2.23	ppb
Molybdenum	98-1	1917.36	1890.61	1967.89	1925.29	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.47	5.41	5.09	5.33	3.84	ppb
Phosphorus	31-2	97985.26	98512.59	97764.94	98087.60	0.39	ppb
Potassium	39-2	100177.54	102374.43	100147.22	100899.73	1.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.30	-0.53	0.30	0.02	2077.17	ppb
Selenium	82-1	0.02	0.05	-0.50	-0.14		ppb
Silicon	28-1	21.62	20.44	26.29	22.78	13.57	ppb
Silver	109-1	0.20	0.20	0.20	0.20	0.83	ppb
Silver	107-1	0.17	0.22	0.20	0.19	13.64	ppb
Sodium	23-2	97646.32	99975.63	98522.09	98714.68	1.19	ppb
Strontium	86-1	32.71	32.55	33.98	33.08	2.37	ppb
Strontium	88-1	32.93	32.97	34.04	33.31	1.89	ppb
Sulfur	34-1	79167.80	77990.79	80020.63	79059.74	1.29	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.11	0.11	0.11	0.11	2.53	ppb
Thallium	205-1	0.12	0.11	0.12	0.11	4.44	ppb
Tin	118-1	0.24	0.24	0.31	0.27	15.59	ppb
Titanium	47-1	1957.54	1951.41	2021.52	1976.82	1.96	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	21.98	ppb
Vanadium	51-2	0.14	0.12	0.14	0.13	7.59	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	11.52	11.90	12.65	12.02	4.80	ppb
Zirconium	90-1	0.16	0.14	0.16	0.15	6.42	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:23:39	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.16	0.20	0.16	25.13	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:26:42	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89051.73	89612.90	89972.75	89545.79	0.52	ppb
Antimony	121-1	21.16	20.70	20.74	20.87	1.21	ppb
Arsenic	75-2	19.59	19.46	18.90	19.32	1.89	ppb
Barium	135-1	22.01	21.56	21.60	21.72	1.16	ppb
Barium	137-1	22.15	21.50	21.42	21.69	1.86	ppb
Beryllium	9-1	20.41	21.31	20.15	20.62	2.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	62.49	65.74	62.39	63.54	3.00	ppb
Boron	11-1	62.04	63.17	64.27	63.16	1.77	ppb
Cadmium	111-1	20.81	19.93	20.09	20.28	2.31	ppb
Cadmium	106-1	23.89	21.94	23.19	23.00	4.29	ppb
Cadmium	108-1	27.06	27.75	27.86	27.56	1.57	ppb
Calcium	43-1	97995.82	95750.81	98166.60	97304.41	1.39	ppb
Calcium	44-1	96825.15	95947.13	96230.33	96334.20	0.47	ppb
Chromium	52-2	39.14	39.98	38.78	39.30	1.56	ppb
Cobalt	59-2	20.73	20.44	20.70	20.62	0.78	ppb
Copper	63-2	27.51	27.79	27.87	27.72	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	97772.81	98479.50	97942.44	98064.92	0.38	ppb
Iron	57-2	96904.42	96839.94	96978.31	96907.56	0.07	ppb
Lead	206-1	24.93	25.27	24.76	24.99	1.05	ppb
Lead	207-1	22.56	23.17	22.58	22.77	1.51	ppb
Lead	208-1	23.57	23.95	23.41	23.65	1.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	96970.50	97329.99	97709.74	97336.74	0.38	ppb
Manganese	55-2	27.17	28.10	28.08	27.78	1.91	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:26:42	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	622.25	630.01	628.64	626.97	0.66	ppb
Molybdenum	95-1	1923.66	1943.05	1912.86	1926.53	0.79	ppb
Molybdenum	96-1	1620.70	1603.89	1620.43	1615.01	0.60	ppb
Molybdenum	97-1	1919.34	1917.66	1933.74	1923.58	0.46	ppb
Molybdenum	98-1	1944.80	1945.44	1931.00	1940.41	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.65	25.77	24.38	24.93	2.95	ppb
Phosphorus	31-2	95564.95	98594.33	97132.64	97097.31	1.56	ppb
Potassium	39-2	100350.54	101541.02	100816.37	100902.65	0.59	ppb
Rhodium	103-1				101		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	10.28	46.42	20.72	25.81	72.06	ppb
Selenium	78-2	20.04	19.29	12.75	17.36	23.11	ppb
Selenium	82-1	19.49	19.77	19.44	19.57	0.92	ppb
Silicon	28-1	87.64	88.92	94.08	90.22	3.78	ppb
Silver	109-1	18.22	17.78	17.87	17.96	1.31	ppb
Silver	107-1	18.27	17.94	17.76	17.99	1.44	ppb
Sodium	23-2	95818.62	96226.47	96643.09	96229.39	0.43	ppb
Strontium	86-1	83.71	83.90	83.43	83.68	0.28	ppb
Strontium	88-1	85.96	85.41	85.34	85.57	0.39	ppb
Sulfur	34-1	77851.42	75893.73	77426.27	77057.14	1.34	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	20.02	20.33	20.16	20.17	0.77	ppb
Thallium	205-1	20.40	21.00	20.48	20.63	1.57	ppb
Tin	118-1	53.22	52.20	51.48	52.30	1.68	ppb
Titanium	47-1	2004.56	1996.07	1984.62	1995.08	0.50	ppb
Uranium	238-1	51.20	52.63	51.93	51.92	1.38	ppb
Vanadium	51-2	19.47	19.84	19.91	19.74	1.18	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	31.04	30.69	29.48	30.40	2.68	ppb
Zirconium	90-1	51.48	51.42	51.04	51.31	0.47	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:26:42	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.81	50.43	51.16	50.80	0.72	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:29:46	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51405.36	50185.85	51723.63	51104.95	1.59	ppb
Antimony	121-1	513.66	513.86	510.86	512.79	0.33	ppb
Arsenic	75-2	505.64	496.58	500.58	500.93	0.91	ppb
Barium	135-1	2563.56	2540.75	2575.44	2559.91	0.69	ppb
Barium	137-1	2553.32	2563.81	2552.85	2556.66	0.24	ppb
Beryllium	9-1	515.97	514.19	514.76	514.97	0.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				92		%
Boron	10-1	507.17	518.73	521.00	515.63	1.44	ppb
Boron	11-1	507.85	513.73	521.28	514.29	1.31	ppb
Cadmium	111-1	495.20	494.55	502.16	497.30	0.85	ppb
Cadmium	106-1	501.76	497.90	510.53	503.40	1.29	ppb
Cadmium	108-1	501.17	493.47	509.07	501.23	1.56	ppb
Calcium	43-1	243713.23	241914.02	245552.08	243726.44	0.75	ppb
Calcium	44-1	242218.58	241322.63	242798.75	242113.32	0.31	ppb
Chromium	52-2	516.46	498.93	515.45	510.28	1.93	ppb
Cobalt	59-2	498.52	481.56	498.72	492.93	2.00	ppb
Copper	63-2	983.02	948.03	986.21	972.42	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	56-2	125658.15	121125.73	124749.86	123844.58	1.94	ppb
Iron	57-2	127669.20	120903.01	126407.44	124993.22	2.88	ppb
Lead	206-1	519.34	521.06	521.95	520.78	0.25	ppb
Lead	207-1	515.43	520.32	511.17	515.64	0.89	ppb
Lead	208-1	514.49	518.55	516.86	516.63	0.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	250958.82	240180.21	251648.69	247595.91	2.60	ppb
Manganese	55-2	1037.74	1008.59	1027.81	1024.72	1.45	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:29:46	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	505.98	510.95	504.55	507.16	0.66	ppb
Molybdenum	95-1	505.00	506.07	509.28	506.78	0.44	ppb
Molybdenum	96-1	501.99	515.05	501.58	506.20	1.51	ppb
Molybdenum	97-1	492.00	497.63	491.76	493.80	0.67	ppb
Molybdenum	98-1	495.24	504.03	501.25	500.18	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.57	487.54	498.50	496.87	1.74	ppb
Phosphorus	31-2	9469.39	9544.38	9401.83	9471.87	0.75	ppb
Potassium	39-2	130998.30	127323.13	130579.16	129633.53	1.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	525.95	492.58	604.77	541.10	10.65	ppb
Selenium	78-2	475.11	487.78	520.58	494.49	4.75	ppb
Selenium	82-1	494.00	496.68	501.59	497.42	0.77	ppb
Silicon	28-1	566.81	569.78	592.86	576.48	2.47	ppb
Silver	109-1	471.98	459.55	471.13	467.55	1.48	ppb
Silver	107-1	474.43	468.24	471.88	471.52	0.66	ppb
Sodium	23-2	252760.13	244833.58	251655.08	249749.60	1.72	ppb
Strontium	86-1	504.23	516.60	510.72	510.51	1.21	ppb
Strontium	88-1	509.62	509.34	509.18	509.38	0.04	ppb
Sulfur	34-1	9031.40	8859.89	9382.79	9091.36	2.93	ppb
Terbium	159-1				108		%
Terbium	159-2				96		%
Thallium	203-1	519.50	515.48	517.01	517.33	0.39	ppb
Thallium	205-1	513.50	511.95	513.82	513.09	0.19	ppb
Tin	118-1	511.32	509.87	510.37	510.52	0.15	ppb
Titanium	47-1	505.84	499.80	508.65	504.76	0.90	ppb
Uranium	238-1	514.85	518.65	515.64	516.38	0.39	ppb
Vanadium	51-2	518.06	503.17	517.58	512.94	1.65	ppb
Yttrium	89-1				103		%
Yttrium	89-2				92		%
Zinc	66-2	955.29	930.40	957.99	947.89	1.60	ppb
Zirconium	90-1	494.74	503.01	502.44	500.06	0.92	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:29:46	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.56	503.78	511.42	506.92	0.79	ppb

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : CCB073 Instrumnet Name : P8
 Client Sample ID : CCB073 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 12:32:46 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.40	2.92	-2.92	1.47	264.08	ppb
Antimony	121-1	0.33	0.33	0.38	0.35	8.10	ppb
Arsenic	75-2	-0.01	0.01	0.03	0.01	151.65	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.11	0.13	0.09	0.11	16.87	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	12.12	12.43	11.65	12.07	3.27	ppb
Boron	11-1	12.87	11.93	11.90	12.23	4.50	ppb
Cadmium	111-1	-0.05	-0.13	-0.07	-0.08		ppb
Cadmium	106-1	-0.98	-2.02	-1.32	-1.44		ppb
Cadmium	108-1	0.06	-0.06	-0.03	-0.01		ppb
Calcium	43-1	-15.37	-16.10	-16.16	-15.88		ppb
Calcium	44-1	6.80	9.44	11.87	9.37	27.07	ppb
Chromium	52-2	-0.11	-0.10	-0.10	-0.10		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.12	0.06	0.10	0.10	32.76	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				108		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	2.05	2.04	2.23	2.11	5.10	ppb
Iron	57-2	0.14	-0.28	1.75	0.54	200.38	ppb
Lead	206-1	0.02	0.05	0.04	0.04	50.90	ppb
Lead	207-1	0.05	0.04	0.04	0.04	5.76	ppb
Lead	208-1	0.03	0.04	0.04	0.04	19.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.28	3.69	5.41	4.46	19.67	ppb
Manganese	55-2	-0.15	-0.04	-0.10	-0.10		ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:32:46	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.05	0.06	0.06	14.88	ppb
Molybdenum	95-1	0.14	0.12	0.11	0.12	14.42	ppb
Molybdenum	96-1	0.09	0.11	0.09	0.10	9.01	ppb
Molybdenum	97-1	0.11	0.11	0.09	0.10	13.64	ppb
Molybdenum	98-1	0.16	0.09	0.11	0.12	32.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.03	-0.19	-0.09		ppb
Phosphorus	31-2	10.11	10.05	-10.20	3.32	353.01	ppb
Potassium	39-2	34.53	37.60	23.63	31.92	23.00	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.05	-0.53	1.08	0.53	173.40	ppb
Selenium	82-1	-0.97	0.08	-0.24	-0.37		ppb
Silicon	28-1	-8.40	-12.60	-9.75	-10.25		ppb
Silver	109-1	0.05	0.04	0.06	0.05	23.67	ppb
Silver	107-1	0.06	0.05	0.06	0.06	10.63	ppb
Sodium	23-2	105.56	109.35	93.20	102.70	8.23	ppb
Strontium	86-1	-0.09	-0.12	-0.11	-0.11		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	168.03	ppb
Sulfur	34-1	-1336.98	-1460.07	-1450.76	-1415.94		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.08	0.08	0.09	25.99	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	5.04	ppb
Tin	118-1	0.22	0.18	0.17	0.19	13.08	ppb
Titanium	47-1	-0.01	-0.01	0.05	0.01	341.59	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	117.86	ppb
Vanadium	51-2	0.00	-0.03	-0.01	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.33	0.54	0.45	0.44	24.75	ppb
Zirconium	90-1	0.05	0.03	0.03	0.04	31.51	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:32:46	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.02	0.02	74.67	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:35:54	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.88	24.81	15.92	19.87	22.79	ppb
Antimony	121-1	2.04	2.14	2.05	2.08	2.57	ppb
Arsenic	75-2	0.96	0.99	1.12	1.02	8.60	ppb
Barium	135-1	9.21	9.60	9.17	9.33	2.57	ppb
Barium	137-1	9.61	10.03	9.21	9.62	4.25	ppb
Beryllium	9-1	1.11	0.95	0.88	0.98	11.85	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	30.10	30.43	28.44	29.66	3.60	ppb
Boron	11-1	29.13	30.17	29.34	29.55	1.86	ppb
Cadmium	111-1	0.87	0.84	0.97	0.89	7.57	ppb
Cadmium	106-1	0.06	-1.37	0.47	-0.28		ppb
Cadmium	108-1	0.66	1.23	1.10	1.00	29.96	ppb
Calcium	43-1	442.91	472.76	408.27	441.31	7.31	ppb
Calcium	44-1	460.86	486.73	444.99	464.20	4.54	ppb
Chromium	52-2	2.03	1.65	1.90	1.86	10.29	ppb
Cobalt	59-2	0.91	0.91	0.88	0.90	1.55	ppb
Copper	63-2	2.02	1.99	2.06	2.03	1.85	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				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	46.90	48.44	47.18	47.51	1.73	ppb
Iron	57-2	49.88	41.64	44.15	45.22	9.34	ppb
Lead	206-1	1.09	1.04	1.08	1.07	2.45	ppb
Lead	207-1	0.96	1.09	1.00	1.01	6.57	ppb
Lead	208-1	1.01	1.05	1.04	1.03	2.26	ppb
Lithium	6-1				100		%
Magnesium	24-2	475.22	456.80	449.36	460.46	2.89	ppb
Manganese	55-2	0.80	0.56	0.81	0.72	19.74	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:35:54	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.07	2.14	1.91	2.04	5.78	ppb
Molybdenum	95-1	4.42	4.71	4.50	4.54	3.33	ppb
Molybdenum	96-1	3.72	4.22	3.88	3.94	6.53	ppb
Molybdenum	97-1	4.41	4.80	4.18	4.47	6.97	ppb
Molybdenum	98-1	4.31	4.75	4.48	4.51	4.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.86	0.76	0.82	6.36	ppb
Phosphorus	31-2	30.15	-10.20	-10.20	3.25	717.33	ppb
Potassium	39-2	477.31	494.97	494.98	489.09	2.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	4.95	4.94	0.00	3.30	86.60	ppb
Selenium	78-2	6.60	1.85	5.03	4.50	53.94	ppb
Selenium	82-1	4.76	4.00	3.84	4.20	11.72	ppb
Silicon	28-1	-3.58	6.66	-3.78	-0.24		ppb
Silver	109-1	1.21	1.26	1.22	1.23	2.21	ppb
Silver	107-1	1.20	1.31	1.20	1.24	5.00	ppb
Sodium	23-2	538.64	512.31	502.09	517.68	3.64	ppb
Strontium	86-1	0.81	1.00	0.83	0.88	11.78	ppb
Strontium	88-1	0.95	1.00	0.94	0.96	3.40	ppb
Sulfur	34-1	-1121.16	-807.40	-1429.88	-1119.48		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.95	1.00	0.96	0.97	2.68	ppb
Thallium	205-1	0.99	1.04	0.96	0.99	3.85	ppb
Tin	118-1	4.82	5.06	4.86	4.91	2.62	ppb
Titanium	47-1	4.67	4.76	4.12	4.52	7.64	ppb
Uranium	238-1	0.88	0.94	0.88	0.90	3.80	ppb
Vanadium	51-2	4.77	4.48	4.40	4.55	4.17	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.27	1.96	2.07	2.10	7.41	ppb
Zirconium	90-1	0.89	0.97	0.92	0.92	4.31	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:35:54	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.93	1.08	1.00	1.00	7.62	ppb

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : PB102003BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 12:39:03 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.46	0.02	-0.14	0.45	196.31	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	13.47	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.02	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.07	0.11	0.04	0.07	54.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	6.81	6.92	7.04	6.92	1.64	ppb
Boron	11-1	6.72	7.00	6.62	6.78	2.91	ppb
Cadmium	111-1	-0.07	-0.13	-0.08	-0.09		ppb
Cadmium	106-1	-0.92	-1.85	-1.20	-1.32		ppb
Cadmium	108-1	-0.06	-0.09	-0.15	-0.10		ppb
Calcium	43-1	-13.88	-11.12	-14.95	-13.32		ppb
Calcium	44-1	1.37	5.73	1.78	2.96	81.24	ppb
Chromium	52-2	-0.07	-0.08	-0.06	-0.07		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.03	0.00	0.03	81.97	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				108		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	0.70	0.90	0.36	0.65	41.91	ppb
Iron	57-2	1.33	3.80	0.38	1.84	96.17	ppb
Lead	206-1	0.04	0.05	0.01	0.03	52.51	ppb
Lead	207-1	0.05	0.03	0.01	0.03	63.71	ppb
Lead	208-1	0.04	0.04	0.03	0.04	13.76	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.84	4.30	4.05	3.73	20.92	ppb
Manganese	55-2	-0.15	-0.24	-0.11	-0.17		ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:39:03	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.01	0.01	61.97	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	21.72	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	93.83	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	1.49	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.02	32.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.11	-0.12	-0.13		ppb
Phosphorus	31-2	10.06	30.59	-10.20	10.15	200.99	ppb
Potassium	39-2	25.78	19.01	39.91	28.24	37.76	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.04	2.69	0.26	1.33	93.13	ppb
Selenium	82-1	0.53	-1.07	-0.69	-0.41		ppb
Silicon	28-1	-14.97	-14.22	-15.82	-15.00		ppb
Silver	109-1	0.02	0.01	0.02	0.02	27.01	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.76	ppb
Sodium	23-2	55.14	50.87	38.88	48.30	17.46	ppb
Strontium	86-1	-0.14	-0.07	-0.06	-0.09		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1297.05	-1141.69	-1088.81	-1175.85		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.03	0.03	0.03	14.66	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.26	ppb
Tin	118-1	0.08	0.07	0.11	0.09	23.61	ppb
Titanium	47-1	0.02	-0.02	0.02	0.01	305.02	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	-0.21	0.08	-0.05	-0.06		ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	87.48	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:39:03	DataFile Name :	019CCBE.d

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

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:42:12	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.89	39.79	24.92	33.53	23.00	ppb
Antimony	121-1	3.97	4.06	4.03	4.02	1.05	ppb
Arsenic	75-2	2.08	2.10	2.16	2.12	1.98	ppb
Barium	135-1	19.30	19.51	18.90	19.24	1.61	ppb
Barium	137-1	19.29	19.75	19.68	19.57	1.27	ppb
Beryllium	9-1	2.02	2.07	2.08	2.06	1.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	44.72	49.17	52.41	48.77	7.92	ppb
Boron	11-1	48.27	46.80	49.38	48.15	2.69	ppb
Cadmium	111-1	1.90	1.85	1.99	1.91	3.61	ppb
Cadmium	106-1	1.38	-0.57	1.09	0.63	165.55	ppb
Cadmium	108-1	2.31	1.84	1.94	2.03	12.26	ppb
Calcium	43-1	871.87	912.22	902.92	895.67	2.36	ppb
Calcium	44-1	926.40	921.18	940.32	929.30	1.06	ppb
Chromium	52-2	4.13	3.68	3.84	3.88	5.84	ppb
Cobalt	59-2	2.04	1.98	2.07	2.03	2.18	ppb
Copper	63-2	4.31	4.28	4.43	4.34	1.88	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				107		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	395.80	393.97	386.74	392.17	1.22	ppb
Iron	57-2	386.25	390.54	402.31	393.03	2.12	ppb
Lead	206-1	2.14	2.23	2.25	2.21	2.74	ppb
Lead	207-1	2.30	2.20	2.24	2.25	2.45	ppb
Lead	208-1	2.20	2.23	2.20	2.21	0.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	948.88	963.19	960.33	957.47	0.79	ppb
Manganese	55-2	1.88	2.10	2.06	2.01	5.72	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:42:12	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.13	4.24	4.08	4.15	1.93	ppb
Molybdenum	95-1	8.95	9.36	8.90	9.07	2.81	ppb
Molybdenum	96-1	7.84	7.95	7.85	7.88	0.81	ppb
Molybdenum	97-1	9.16	9.15	9.39	9.23	1.45	ppb
Molybdenum	98-1	9.02	9.16	9.29	9.16	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	1.85	2.25	2.05	9.83	ppb
Phosphorus	31-2	31.21	10.22	-10.20	10.41	198.94	ppb
Potassium	39-2	1044.58	983.04	1039.86	1022.49	3.35	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	10.08	25.20	10.02	15.10	57.93	ppb
Selenium	78-2	9.14	13.99	7.49	10.21	33.10	ppb
Selenium	82-1	9.39	9.51	9.85	9.58	2.48	ppb
Silicon	28-1	6.73	8.03	7.37	7.38	8.81	ppb
Silver	109-1	1.95	1.96	2.02	1.98	1.91	ppb
Silver	107-1	1.97	1.95	1.96	1.96	0.46	ppb
Sodium	23-2	1003.78	986.93	984.22	991.64	1.07	ppb
Strontium	86-1	1.86	1.82	1.97	1.88	4.14	ppb
Strontium	88-1	2.03	2.01	2.01	2.02	0.65	ppb
Sulfur	34-1	-804.28	-1025.64	-981.30	-937.07		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	1.91	1.97	1.98	1.95	1.94	ppb
Thallium	205-1	1.92	1.92	1.95	1.93	0.85	ppb
Tin	118-1	9.73	9.97	9.89	9.86	1.23	ppb
Titanium	47-1	9.27	9.32	9.36	9.32	0.47	ppb
Uranium	238-1	1.78	1.83	1.88	1.83	2.54	ppb
Vanadium	51-2	9.69	9.43	9.71	9.61	1.60	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	4.21	4.35	4.27	4.28	1.61	ppb
Zirconium	90-1	1.89	1.87	1.86	1.87	0.73	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:42:12	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.87	1.92	1.95	1.92	1.99	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:45:20	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17586.07	18065.21	20120.73	18590.67	7.24	ppb
Antimony	121-1	6.52	6.47	6.22	6.40	2.52	ppb
Arsenic	75-2	26.23	27.63	30.02	27.96	6.87	ppb
Barium	135-1	421.37	412.27	406.26	413.30	1.84	ppb
Barium	137-1	427.25	414.00	416.87	419.38	1.66	ppb
Beryllium	9-1	1.82	1.91	1.79	1.84	3.57	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Boron	10-1	12.61	12.55	13.53	12.89	4.25	ppb
Boron	11-1	12.85	12.11	12.77	12.58	3.26	ppb
Cadmium	111-1	1.85	1.88	1.93	1.89	1.96	ppb
Cadmium	106-1	1.50	1.97	2.98	2.15	35.30	ppb
Cadmium	108-1	2.13	2.37	1.97	2.16	9.57	ppb
Calcium	43-1	16630.76	15947.61	16177.57	16251.98	2.14	ppb
Calcium	44-1	16681.61	15980.60	16288.16	16316.79	2.15	ppb
Chromium	52-2	38.67	38.07	44.76	40.50	9.14	ppb
Cobalt	59-2	24.18	24.50	27.93	25.54	8.14	ppb
Copper	63-2	73.27	75.19	86.10	78.18	8.85	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				106		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	45871.73	46406.83	53764.28	48680.95	9.06	ppb
Iron	57-2	45448.26	45557.98	53071.38	48025.87	9.10	ppb
Lead	206-1	445.44	445.93	442.16	444.51	0.46	ppb
Lead	207-1	412.94	405.84	400.32	406.37	1.56	ppb
Lead	208-1	429.30	425.44	420.19	424.98	1.08	ppb
Lithium	6-1				105		%
Magnesium	24-2	8250.54	8389.88	9640.32	8760.25	8.74	ppb
Manganese	55-2	1895.91	1917.00	2205.47	2006.13	8.62	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:45:20	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.20	5.01	4.90	5.04	2.95	ppb
Molybdenum	95-1	6.60	6.48	6.55	6.55	0.94	ppb
Molybdenum	96-1	6.35	6.04	6.06	6.15	2.85	ppb
Molybdenum	97-1	6.77	6.41	6.58	6.59	2.72	ppb
Molybdenum	98-1	6.58	6.51	6.63	6.57	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.06	53.62	61.88	56.19	8.79	ppb
Phosphorus	31-2	1616.97	2015.09	2002.91	1878.32	12.05	ppb
Potassium	39-2	2216.83	2303.29	2518.84	2346.32	6.63	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	63.94	46.64	56.35	55.64	15.58	ppb
Selenium	78-2	11.17	15.90	13.41	13.50	17.54	ppb
Selenium	82-1	1.76	1.31	0.53	1.20	52.05	ppb
Silicon	28-1	1479.89	1815.98	6294.18	3196.68	84.08	ppb
Silver	109-1	0.58	0.65	0.63	0.62	5.94	ppb
Silver	107-1	0.63	0.64	0.68	0.65	4.68	ppb
Sodium	23-2	134.08	148.28	176.88	153.08	14.24	ppb
Strontium	86-1	29.02	26.56	27.05	27.54	4.73	ppb
Strontium	88-1	27.62	26.87	27.24	27.24	1.39	ppb
Sulfur	34-1	-919.96	-1392.38	-1082.37	-1131.57		ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	0.52	0.50	0.56	0.53	5.19	ppb
Thallium	205-1	0.52	0.52	0.51	0.52	1.19	ppb
Tin	118-1	20.52	20.27	19.78	20.19	1.87	ppb
Titanium	47-1	102.08	98.37	93.53	98.00	4.38	ppb
Uranium	238-1	2.32	2.24	2.16	2.24	3.47	ppb
Vanadium	51-2	62.13	60.47	70.82	64.48	8.62	ppb
Yttrium	89-1				114		%
Yttrium	89-2				104		%
Zinc	66-2	284.74	276.70	322.30	294.58	8.26	ppb
Zirconium	90-1	4.48	4.24	4.24	4.32	3.20	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:45:20	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.36	4.11	4.27	4.24	3.00	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:48:27	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15058.31	15367.36	15185.76	15203.81	1.02	ppb
Antimony	121-1	3.85	3.81	3.77	3.81	1.08	ppb
Arsenic	75-2	22.40	22.22	23.03	22.55	1.89	ppb
Barium	135-1	347.97	351.81	348.31	349.37	0.61	ppb
Barium	137-1	351.70	352.72	350.98	351.80	0.25	ppb
Beryllium	9-1	1.51	1.42	1.46	1.46	3.05	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	17.35	17.60	15.81	16.92	5.75	ppb
Boron	11-1	15.29	15.78	16.34	15.80	3.31	ppb
Cadmium	111-1	2.48	2.40	2.52	2.47	2.56	ppb
Cadmium	106-1	2.36	2.70	3.09	2.72	13.54	ppb
Cadmium	108-1	2.85	3.24	2.31	2.80	16.70	ppb
Calcium	43-1	59378.70	58860.51	59762.67	59333.96	0.76	ppb
Calcium	44-1	58592.58	58058.66	59176.68	58609.31	0.95	ppb
Chromium	52-2	40.98	42.99	40.91	41.63	2.84	ppb
Cobalt	59-2	17.09	17.49	16.94	17.17	1.66	ppb
Copper	63-2	89.52	93.60	90.52	91.21	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	43146.04	44524.77	42964.58	43545.13	1.96	ppb
Iron	57-2	42755.84	43775.16	42171.44	42900.81	1.89	ppb
Lead	206-1	761.75	749.56	769.88	760.40	1.35	ppb
Lead	207-1	716.47	694.23	714.77	708.49	1.75	ppb
Lead	208-1	735.16	717.24	734.48	728.96	1.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	19908.08	20647.14	20093.78	20216.34	1.90	ppb
Manganese	55-2	1249.29	1300.66	1256.54	1268.83	2.19	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:48:27	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.38	4.59	4.48	4.49	2.39	ppb
Molybdenum	95-1	5.78	5.86	5.81	5.82	0.75	ppb
Molybdenum	96-1	5.63	5.61	5.63	5.62	0.19	ppb
Molybdenum	97-1	5.68	5.80	5.76	5.75	1.03	ppb
Molybdenum	98-1	5.82	6.00	5.96	5.92	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.41	53.05	51.22	51.56	2.62	ppb
Phosphorus	31-2	2250.07	2014.06	2073.10	2112.41	5.81	ppb
Potassium	39-2	2442.69	2375.58	2394.45	2404.24	1.44	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	71.03	57.68	47.58	58.77	20.02	ppb
Selenium	78-2	8.57	10.25	10.90	9.91	12.15	ppb
Selenium	82-1	1.90	0.26	1.09	1.08	75.34	ppb
Silicon	28-1	1546.75	2465.82	2373.87	2128.81	23.78	ppb
Silver	109-1	0.58	0.60	0.61	0.60	2.40	ppb
Silver	107-1	0.62	0.68	0.57	0.63	8.57	ppb
Sodium	23-2	175.73	175.42	175.86	175.67	0.13	ppb
Strontium	86-1	57.73	56.71	57.42	57.29	0.91	ppb
Strontium	88-1	58.14	59.15	60.22	59.17	1.76	ppb
Sulfur	34-1	-510.90	-411.80	-204.81	-375.83		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.44	0.44	0.44	0.44	0.68	ppb
Thallium	205-1	0.48	0.44	0.47	0.46	5.24	ppb
Tin	118-1	12.15	12.62	12.18	12.32	2.15	ppb
Titanium	47-1	130.19	128.66	142.57	133.81	5.70	ppb
Uranium	238-1	1.97	1.98	2.02	1.99	1.40	ppb
Vanadium	51-2	50.09	52.03	50.58	50.90	1.98	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	535.65	549.64	532.86	539.38	1.67	ppb
Zirconium	90-1	3.51	3.72	3.68	3.64	3.08	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:48:27	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.77	3.66	3.65	3.69	1.84	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:51:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19525.08	19546.30	19370.57	19480.65	0.49	ppb
Antimony	121-1	9.64	9.52	9.49	9.55	0.81	ppb
Arsenic	75-2	34.53	34.80	35.46	34.93	1.36	ppb
Barium	135-1	382.28	391.01	381.65	384.98	1.36	ppb
Barium	137-1	387.13	388.64	388.48	388.09	0.21	ppb
Beryllium	9-1	2.01	2.11	1.79	1.97	8.15	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	17.06	18.62	17.04	17.57	5.17	ppb
Boron	11-1	16.64	17.25	16.58	16.82	2.22	ppb
Cadmium	111-1	3.98	4.06	3.71	3.92	4.65	ppb
Cadmium	106-1	4.83	4.17	3.55	4.18	15.32	ppb
Cadmium	108-1	5.41	4.94	5.04	5.13	4.88	ppb
Calcium	43-1	37103.38	36515.12	35835.48	36484.66	1.74	ppb
Calcium	44-1	37070.61	36413.50	36365.79	36616.63	1.08	ppb
Chromium	52-2	49.22	49.73	49.64	49.53	0.55	ppb
Cobalt	59-2	19.11	19.61	19.63	19.45	1.50	ppb
Copper	63-2	8193.44	8115.45	8189.79	8166.23	0.54	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				98		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	55250.49	54961.82	55611.80	55274.70	0.59	ppb
Iron	57-2	54980.63	54374.99	54968.98	54774.87	0.63	ppb
Lead	206-1	1280.37	1243.95	1276.37	1266.90	1.58	ppb
Lead	207-1	1131.62	1131.19	1142.62	1135.14	0.57	ppb
Lead	208-1	1195.46	1182.75	1193.50	1190.57	0.58	ppb
Lithium	6-1				107		%
Magnesium	24-2	14842.53	14753.19	14889.44	14828.39	0.47	ppb
Manganese	55-2	926.12	924.17	926.17	925.49	0.12	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:51:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.81	6.64	6.91	6.79	2.02	ppb
Molybdenum	95-1	5.79	5.78	6.00	5.85	2.09	ppb
Molybdenum	96-1	6.15	6.22	6.23	6.20	0.73	ppb
Molybdenum	97-1	5.86	5.87	5.76	5.83	1.00	ppb
Molybdenum	98-1	5.76	5.77	6.05	5.86	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.76	56.80	58.02	56.86	1.99	ppb
Phosphorus	31-2	2047.53	2263.78	2260.59	2190.63	5.66	ppb
Potassium	39-2	1656.04	1647.34	1611.13	1638.17	1.45	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	89.29	134.23	38.51	87.35	54.83	ppb
Selenium	78-2	13.77	15.59	11.03	13.47	17.04	ppb
Selenium	82-1	1.05	1.14	0.98	1.06	7.92	ppb
Silicon	28-1	3069.99	3032.45	2984.44	3028.96	1.42	ppb
Silver	109-1	1.01	1.05	1.03	1.03	1.96	ppb
Silver	107-1	1.02	1.07	0.97	1.02	4.80	ppb
Sodium	23-2	229.35	236.45	233.96	233.25	1.54	ppb
Strontium	86-1	42.02	41.93	42.01	41.99	0.11	ppb
Strontium	88-1	41.97	42.61	42.53	42.37	0.82	ppb
Sulfur	34-1	-227.62	-803.87	-854.18	-628.56		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.49	0.50	0.47	0.49	3.07	ppb
Thallium	205-1	0.51	0.52	0.50	0.51	1.80	ppb
Tin	118-1	412.18	406.74	404.74	407.89	0.94	ppb
Titanium	47-1	140.24	143.49	142.44	142.06	1.17	ppb
Uranium	238-1	2.62	2.62	2.70	2.65	1.76	ppb
Vanadium	51-2	61.66	63.21	61.89	62.26	1.34	ppb
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	1227.47	1224.36	1234.76	1228.86	0.43	ppb
Zirconium	90-1	7.17	6.88	7.41	7.15	3.68	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:51:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	6.99	7.02	6.97	6.99	0.36	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:54:38	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16199.54	16143.16	15910.47	16084.39	0.95	ppb
Antimony	121-1	3.51	3.53	3.46	3.50	1.03	ppb
Arsenic	75-2	40.63	40.99	42.48	41.37	2.38	ppb
Barium	135-1	398.00	396.88	397.58	397.48	0.14	ppb
Barium	137-1	395.65	399.48	399.10	398.08	0.53	ppb
Beryllium	9-1	1.80	1.92	1.82	1.84	3.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	15.97	16.25	16.78	16.33	2.52	ppb
Boron	11-1	16.17	16.44	16.11	16.24	1.07	ppb
Cadmium	111-1	3.56	3.53	3.27	3.46	4.56	ppb
Cadmium	106-1	4.05	3.79	3.03	3.62	14.63	ppb
Cadmium	108-1	4.38	4.12	3.99	4.16	4.71	ppb
Calcium	43-1	46714.91	46520.09	46841.98	46692.32	0.35	ppb
Calcium	44-1	47354.29	46712.27	46235.09	46767.21	1.20	ppb
Chromium	52-2	50.00	51.11	48.38	49.83	2.75	ppb
Cobalt	59-2	17.64	18.02	17.66	17.77	1.20	ppb
Copper	63-2	182.72	182.10	179.28	181.37	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	73544.92	73905.46	71939.55	73129.98	1.43	ppb
Iron	57-2	72077.30	72635.51	70821.04	71844.62	1.29	ppb
Lead	206-1	471.32	483.77	471.07	475.39	1.53	ppb
Lead	207-1	434.37	431.14	429.96	431.82	0.53	ppb
Lead	208-1	451.35	455.13	448.45	451.65	0.74	ppb
Lithium	6-1				105		%
Magnesium	24-2	19041.59	18669.28	18529.75	18746.87	1.41	ppb
Manganese	55-2	1124.47	1131.32	1098.19	1117.99	1.56	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:54:38	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.16	6.08	6.18	6.14	0.85	ppb
Molybdenum	95-1	11.36	10.97	11.34	11.22	1.98	ppb
Molybdenum	96-1	10.53	10.25	10.35	10.38	1.34	ppb
Molybdenum	97-1	11.72	11.54	11.64	11.63	0.77	ppb
Molybdenum	98-1	11.41	11.20	11.61	11.41	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.79	71.44	69.49	70.91	1.75	ppb
Phosphorus	31-2	3023.98	3015.31	1976.08	2671.79	22.55	ppb
Potassium	39-2	2201.33	2110.52	2087.25	2133.03	2.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	71.91	33.58	76.77	60.75	38.95	ppb
Selenium	78-2	10.99	10.99	8.69	10.22	12.99	ppb
Selenium	82-1	1.30	1.05	0.64	1.00	33.84	ppb
Silicon	28-1	1759.68	1797.08	1633.86	1730.21	4.94	ppb
Silver	109-1	0.67	0.67	0.72	0.69	4.16	ppb
Silver	107-1	0.65	0.67	0.70	0.67	3.72	ppb
Sodium	23-2	164.81	155.12	158.24	159.39	3.10	ppb
Strontium	86-1	55.18	53.66	54.08	54.30	1.44	ppb
Strontium	88-1	55.79	54.54	56.46	55.60	1.75	ppb
Sulfur	34-1	-842.11	-879.22	-905.21	-875.51		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.39	0.42	0.47	0.43	9.28	ppb
Thallium	205-1	0.44	0.43	0.43	0.43	1.22	ppb
Tin	118-1	11.47	11.65	11.53	11.55	0.77	ppb
Titanium	47-1	96.30	87.21	84.88	89.46	6.74	ppb
Uranium	238-1	2.34	2.28	2.27	2.29	1.68	ppb
Vanadium	51-2	55.65	56.16	54.91	55.57	1.13	ppb
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	817.27	809.62	799.01	808.63	1.13	ppb
Zirconium	90-1	3.84	3.74	4.15	3.91	5.42	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:54:38	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.77	4.03	4.04	3.95	3.97	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:57:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16332.38	16401.23	16230.02	16321.21	0.53	ppb
Antimony	121-1	3.48	3.39	3.41	3.43	1.46	ppb
Arsenic	75-2	42.29	40.81	40.75	41.29	2.12	ppb
Barium	135-1	412.65	404.28	404.41	407.11	1.18	ppb
Barium	137-1	417.29	404.43	406.00	409.24	1.71	ppb
Beryllium	9-1	1.79	1.79	1.90	1.83	3.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	13.95	13.60	13.72	13.75	1.29	ppb
Boron	11-1	12.80	13.18	11.80	12.60	5.67	ppb
Cadmium	111-1	3.42	3.43	3.12	3.32	5.27	ppb
Cadmium	106-1	3.16	2.48	3.11	2.92	13.10	ppb
Cadmium	108-1	3.96	3.63	3.77	3.79	4.32	ppb
Calcium	43-1	50189.49	49142.85	47953.32	49095.22	2.28	ppb
Calcium	44-1	50325.30	49071.26	47612.96	49003.17	2.77	ppb
Chromium	52-2	39.11	40.14	38.32	39.19	2.33	ppb
Cobalt	59-2	17.31	17.50	16.98	17.26	1.51	ppb
Copper	63-2	155.01	157.22	153.90	155.38	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	62964.47	64100.92	62937.27	63334.22	1.05	ppb
Iron	57-2	61975.87	63172.38	62188.92	62445.72	1.02	ppb
Lead	206-1	512.69	504.54	498.34	505.19	1.42	ppb
Lead	207-1	482.03	457.28	461.29	466.87	2.85	ppb
Lead	208-1	494.21	478.55	476.05	482.94	2.04	ppb
Lithium	6-1				105		%
Magnesium	24-2	18798.82	19264.94	18779.88	18947.88	1.45	ppb
Manganese	55-2	1026.22	1051.84	1024.12	1034.06	1.49	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:57:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.26	5.18	5.14	5.19	1.17	ppb
Molybdenum	95-1	7.47	7.68	7.56	7.57	1.41	ppb
Molybdenum	96-1	7.22	7.00	6.95	7.06	1.98	ppb
Molybdenum	97-1	7.76	7.50	7.20	7.49	3.76	ppb
Molybdenum	98-1	7.74	7.51	7.61	7.62	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.97	70.26	68.93	69.38	1.09	ppb
Phosphorus	31-2	2401.46	2603.54	2564.30	2523.10	4.25	ppb
Potassium	39-2	2192.60	2109.00	2152.16	2151.25	1.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	64.12	65.69	41.67	57.16	23.50	ppb
Selenium	78-2	11.21	10.74	9.85	10.60	6.48	ppb
Selenium	82-1	0.56	0.84	1.29	0.90	41.41	ppb
Silicon	28-1	2725.89	2110.82	1893.21	2243.31	19.25	ppb
Silver	109-1	0.73	0.69	0.67	0.69	3.98	ppb
Silver	107-1	0.72	0.72	0.73	0.72	0.63	ppb
Sodium	23-2	145.14	155.78	151.18	150.70	3.54	ppb
Strontium	86-1	53.61	52.53	52.36	52.83	1.28	ppb
Strontium	88-1	54.50	53.84	52.62	53.65	1.77	ppb
Sulfur	34-1	-654.59	-846.10	-1026.18	-842.29		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.43	0.45	0.44	0.44	1.91	ppb
Thallium	205-1	0.46	0.47	0.47	0.47	0.41	ppb
Tin	118-1	10.33	10.18	10.23	10.25	0.78	ppb
Titanium	47-1	144.55	91.96	88.42	108.31	29.02	ppb
Uranium	238-1	2.49	2.39	2.36	2.41	2.85	ppb
Vanadium	51-2	54.22	57.17	54.84	55.41	2.80	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	813.91	818.86	809.51	814.10	0.57	ppb
Zirconium	90-1	4.18	4.02	4.34	4.18	3.81	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:57:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.12	3.86	3.87	3.95	3.70	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:00:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14885.03	15103.32	15055.18	15014.51	0.76	ppb
Antimony	121-1	2.92	2.83	2.93	2.89	1.90	ppb
Arsenic	75-2	26.04	25.64	25.03	25.57	1.99	ppb
Barium	135-1	275.85	261.37	267.86	268.36	2.70	ppb
Barium	137-1	270.14	265.51	272.65	269.43	1.34	ppb
Beryllium	9-1	1.40	1.39	1.44	1.41	2.05	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	8.58	8.26	7.49	8.11	6.86	ppb
Boron	11-1	8.25	7.72	8.87	8.28	6.97	ppb
Cadmium	111-1	1.61	1.57	1.87	1.68	9.43	ppb
Cadmium	106-1	1.52	0.48	2.37	1.46	64.92	ppb
Cadmium	108-1	1.85	2.37	2.68	2.30	18.28	ppb
Calcium	43-1	29880.94	29950.24	30448.82	30093.33	1.03	ppb
Calcium	44-1	30156.35	29973.90	30454.09	30194.78	0.80	ppb
Chromium	52-2	36.11	35.98	35.87	35.99	0.34	ppb
Cobalt	59-2	21.34	21.28	21.47	21.36	0.46	ppb
Copper	63-2	63.17	64.18	63.89	63.74	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	41160.26	41636.18	41372.23	41389.56	0.58	ppb
Iron	57-2	40358.42	40830.51	40757.75	40648.89	0.63	ppb
Lead	206-1	361.94	353.78	354.38	356.70	1.27	ppb
Lead	207-1	318.53	314.67	316.89	316.70	0.61	ppb
Lead	208-1	340.89	337.14	338.32	338.78	0.57	ppb
Lithium	6-1				106		%
Magnesium	24-2	10702.07	10849.69	10840.34	10797.37	0.77	ppb
Manganese	55-2	2006.87	2013.92	2010.07	2010.29	0.18	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:00:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.29	3.33	3.39	3.33	1.48	ppb
Molybdenum	95-1	4.39	4.38	4.35	4.37	0.47	ppb
Molybdenum	96-1	4.15	4.07	4.29	4.17	2.65	ppb
Molybdenum	97-1	4.30	4.41	4.53	4.41	2.67	ppb
Molybdenum	98-1	4.42	4.40	4.42	4.41	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.15	48.34	46.54	47.34	1.93	ppb
Phosphorus	31-2	1239.72	1238.09	1271.73	1249.85	1.52	ppb
Potassium	39-2	1531.28	1472.36	1548.28	1517.30	2.63	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	37.86	61.42	28.11	42.46	40.33	ppb
Selenium	78-2	13.87	7.79	6.97	9.54	39.47	ppb
Selenium	82-1	1.08	0.92	0.68	0.89	22.65	ppb
Silicon	28-1	2333.70	1880.66	2424.22	2212.86	13.16	ppb
Silver	109-1	0.52	0.53	0.53	0.53	0.79	ppb
Silver	107-1	0.52	0.50	0.52	0.51	2.50	ppb
Sodium	23-2	127.18	120.41	132.38	126.65	4.74	ppb
Strontium	86-1	33.48	33.41	33.47	33.45	0.11	ppb
Strontium	88-1	33.60	33.66	33.41	33.56	0.38	ppb
Sulfur	34-1	-1569.11	-1627.94	-1323.10	-1506.71		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.56	0.55	0.55	0.55	1.30	ppb
Thallium	205-1	0.56	0.59	0.57	0.57	2.16	ppb
Tin	118-1	29.79	29.40	30.37	29.86	1.64	ppb
Titanium	47-1	230.57	205.19	215.77	217.18	5.87	ppb
Uranium	238-1	1.60	1.60	1.55	1.58	1.71	ppb
Vanadium	51-2	53.67	53.31	52.68	53.22	0.94	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	324.09	320.25	327.12	323.82	1.06	ppb
Zirconium	90-1	3.10	3.25	2.62	2.99	11.01	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:00:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.83	2.86	2.67	2.79	3.78	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:03:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15104.19	14669.21	14942.92	14905.44	1.48	ppb
Antimony	121-1	2.84	2.89	2.88	2.87	0.97	ppb
Arsenic	75-2	30.01	31.91	30.29	30.74	3.34	ppb
Barium	135-1	434.09	445.42	440.93	440.15	1.30	ppb
Barium	137-1	437.21	448.10	445.98	443.76	1.30	ppb
Beryllium	9-1	1.41	1.39	1.46	1.42	2.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	6.58	9.13	8.21	7.98	16.19	ppb
Boron	11-1	8.45	8.43	8.56	8.48	0.84	ppb
Cadmium	111-1	2.02	1.92	2.01	1.98	2.69	ppb
Cadmium	106-1	2.19	0.87	1.51	1.52	43.27	ppb
Cadmium	108-1	2.03	2.76	2.58	2.45	15.57	ppb
Calcium	43-1	20811.54	20661.97	20859.75	20777.76	0.50	ppb
Calcium	44-1	20869.76	20444.97	20521.31	20612.01	1.10	ppb
Chromium	52-2	40.32	39.80	39.07	39.73	1.58	ppb
Cobalt	59-2	22.30	21.95	21.87	22.04	1.04	ppb
Copper	63-2	70.50	69.81	69.08	69.80	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	50790.03	50859.82	50091.24	50580.36	0.84	ppb
Iron	57-2	50424.43	49645.53	49498.82	49856.26	1.00	ppb
Lead	206-1	859.78	859.06	866.75	861.86	0.49	ppb
Lead	207-1	754.61	752.73	757.44	754.93	0.31	ppb
Lead	208-1	801.74	794.58	811.04	802.46	1.03	ppb
Lithium	6-1				105		%
Magnesium	24-2	8135.99	7964.62	7893.30	7997.97	1.56	ppb
Manganese	55-2	1917.26	1909.84	1882.87	1903.32	0.95	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:03:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.27	3.73	3.55	3.85	9.79	ppb
Molybdenum	95-1	5.61	5.28	5.50	5.46	3.05	ppb
Molybdenum	96-1	5.14	5.18	5.00	5.11	1.86	ppb
Molybdenum	97-1	5.47	5.46	5.52	5.48	0.62	ppb
Molybdenum	98-1	5.55	5.34	5.62	5.50	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.05	44.20	43.72	44.32	1.51	ppb
Phosphorus	31-2	3810.32	3491.36	3908.92	3736.87	5.84	ppb
Potassium	39-2	2065.80	2221.41	1970.55	2085.92	6.07	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	51.49	47.07	94.78	64.45	40.90	ppb
Selenium	78-2	9.97	9.27	10.10	9.78	4.55	ppb
Selenium	82-1	1.43	0.24	0.73	0.80	74.78	ppb
Silicon	28-1	2168.63	2775.19	3010.12	2651.31	16.38	ppb
Silver	109-1	0.44	0.43	0.42	0.43	2.40	ppb
Silver	107-1	0.40	0.42	0.47	0.43	8.16	ppb
Sodium	23-2	156.83	160.94	142.57	153.45	6.28	ppb
Strontium	86-1	38.82	38.97	38.92	38.90	0.19	ppb
Strontium	88-1	39.40	40.23	39.42	39.68	1.20	ppb
Sulfur	34-1	-1341.87	-1290.43	-1361.35	-1331.22		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.70	0.72	0.69	0.70	2.76	ppb
Thallium	205-1	0.68	0.67	0.69	0.68	1.59	ppb
Tin	118-1	16.63	17.34	16.78	16.92	2.23	ppb
Titanium	47-1	195.52	197.45	220.89	204.62	6.90	ppb
Uranium	238-1	1.68	1.71	1.75	1.71	1.83	ppb
Vanadium	51-2	52.41	53.04	50.90	52.11	2.11	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	528.39	524.26	515.64	522.76	1.24	ppb
Zirconium	90-1	2.86	3.48	3.05	3.13	10.18	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:03:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.93	2.79	2.96	2.89	3.22	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:07:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15057.67	14745.77	14773.39	14858.94	1.16	ppb
Antimony	121-1	2.86	2.91	2.95	2.91	1.49	ppb
Arsenic	75-2	31.36	30.33	30.61	30.77	1.74	ppb
Barium	135-1	442.91	432.26	439.50	438.22	1.24	ppb
Barium	137-1	442.37	434.88	440.12	439.12	0.88	ppb
Beryllium	9-1	1.29	1.26	1.16	1.24	5.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	7.96	8.86	10.04	8.95	11.64	ppb
Boron	11-1	7.58	8.13	7.66	7.79	3.80	ppb
Cadmium	111-1	1.95	1.96	1.93	1.94	0.76	ppb
Cadmium	106-1	1.28	0.76	0.29	0.78	63.62	ppb
Cadmium	108-1	2.90	2.14	2.13	2.39	18.48	ppb
Calcium	43-1	20506.51	20766.66	20723.94	20665.70	0.68	ppb
Calcium	44-1	20597.38	20557.29	20723.00	20625.89	0.42	ppb
Chromium	52-2	39.57	39.51	39.70	39.59	0.25	ppb
Cobalt	59-2	22.01	22.56	21.14	21.90	3.26	ppb
Copper	63-2	69.89	70.32	68.86	69.69	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	52246.79	51626.94	51438.28	51770.67	0.82	ppb
Iron	57-2	50939.79	50776.82	50424.08	50713.56	0.52	ppb
Lead	206-1	852.55	853.81	856.37	854.24	0.23	ppb
Lead	207-1	744.78	747.86	742.79	745.14	0.34	ppb
Lead	208-1	789.24	793.03	788.29	790.19	0.32	ppb
Lithium	6-1				105		%
Magnesium	24-2	8138.88	8078.09	8039.26	8085.41	0.62	ppb
Manganese	55-2	1918.35	1914.42	1887.17	1906.65	0.89	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:07:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.75	3.66	3.65	3.69	1.53	ppb
Molybdenum	95-1	5.55	5.53	5.45	5.51	0.90	ppb
Molybdenum	96-1	5.13	5.21	5.03	5.12	1.72	ppb
Molybdenum	97-1	5.68	5.45	5.52	5.55	2.15	ppb
Molybdenum	98-1	5.62	5.66	5.52	5.60	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.01	45.08	44.78	44.96	0.35	ppb
Phosphorus	31-2	3670.38	3392.37	3418.34	3493.70	4.40	ppb
Potassium	39-2	2035.73	2005.72	1960.20	2000.55	1.90	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	42.05	46.68	51.81	46.85	10.42	ppb
Selenium	78-2	9.95	8.44	10.78	9.72	12.22	ppb
Selenium	82-1	1.03	1.06	1.40	1.17	17.83	ppb
Silicon	28-1	2670.05	2760.45	2120.05	2516.85	13.77	ppb
Silver	109-1	0.43	0.45	0.44	0.44	2.34	ppb
Silver	107-1	0.41	0.41	0.44	0.42	4.16	ppb
Sodium	23-2	132.63	178.09	128.27	146.33	18.86	ppb
Strontium	86-1	38.69	38.75	39.30	38.91	0.86	ppb
Strontium	88-1	39.11	39.38	39.19	39.23	0.35	ppb
Sulfur	34-1	-1569.23	-1312.04	-1407.68	-1429.65		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.66	0.67	0.64	0.66	1.90	ppb
Thallium	205-1	0.69	0.68	0.66	0.68	1.91	ppb
Tin	118-1	17.30	17.10	17.22	17.21	0.59	ppb
Titanium	47-1	228.55	205.25	212.56	215.45	5.53	ppb
Uranium	238-1	1.68	1.69	1.71	1.69	0.76	ppb
Vanadium	51-2	52.85	51.86	51.28	52.00	1.53	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	536.54	520.74	520.51	525.93	1.75	ppb
Zirconium	90-1	2.68	3.28	3.42	3.12	12.67	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:07:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.95	2.78	2.63	2.79	5.80	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LX5	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-01 13:10:10	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2826.67	2914.39	2869.55	2870.20	1.53	ppb
Antimony	121-1	0.57	0.58	0.60	0.58	3.19	ppb
Arsenic	75-2	6.42	6.20	6.15	6.25	2.29	ppb
Barium	135-1	85.10	85.94	84.63	85.22	0.78	ppb
Barium	137-1	85.73	85.99	85.73	85.82	0.18	ppb
Beryllium	9-1	0.29	0.26	0.23	0.26	12.74	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	3.20	2.45	2.56	2.74	14.74	ppb
Boron	11-1	2.35	2.40	2.73	2.49	8.35	ppb
Cadmium	111-1	0.29	0.30	0.30	0.30	1.41	ppb
Cadmium	106-1	-0.96	-1.52	-1.29	-1.26		ppb
Cadmium	108-1	0.36	0.49	0.27	0.37	29.36	ppb
Calcium	43-1	3950.02	3980.99	4133.18	4021.39	2.44	ppb
Calcium	44-1	4143.41	4113.36	4086.35	4114.37	0.69	ppb
Chromium	52-2	7.97	7.92	7.87	7.92	0.66	ppb
Cobalt	59-2	4.30	4.27	4.18	4.25	1.53	ppb
Copper	63-2	13.66	13.65	13.69	13.67	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	9890.32	9834.41	9895.14	9873.29	0.34	ppb
Iron	57-2	9858.88	9853.64	9607.57	9773.36	1.47	ppb
Lead	206-1	165.16	166.90	160.45	164.17	2.03	ppb
Lead	207-1	142.52	145.34	140.62	142.82	1.66	ppb
Lead	208-1	153.60	154.98	150.79	153.12	1.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	1535.77	1593.27	1554.26	1561.10	1.88	ppb
Manganese	55-2	369.61	371.89	371.47	370.99	0.33	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LX5	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-01 13:10:10	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.77	0.79	0.80	0.79	2.16	ppb
Molybdenum	95-1	1.19	1.14	1.08	1.14	5.18	ppb
Molybdenum	96-1	1.06	1.01	1.07	1.05	3.27	ppb
Molybdenum	97-1	1.11	1.01	1.15	1.09	6.49	ppb
Molybdenum	98-1	1.15	1.17	1.11	1.15	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.60	8.19	8.23	8.34	2.71	ppb
Phosphorus	31-2	711.97	792.85	1123.36	876.06	24.88	ppb
Potassium	39-2	400.17	365.83	379.49	381.83	4.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	9.83	0.00	9.92	6.59	86.61	ppb
Selenium	78-2	0.25	1.86	3.44	1.85	86.08	ppb
Selenium	82-1	-0.05	-0.87	0.17	-0.25		ppb
Silicon	28-1	325.37	332.45	436.73	364.85	17.09	ppb
Silver	109-1	0.10	0.10	0.11	0.10	3.33	ppb
Silver	107-1	0.11	0.11	0.10	0.10	3.13	ppb
Sodium	23-2	34.79	36.85	35.52	35.72	2.92	ppb
Strontium	86-1	8.22	7.81	8.05	8.03	2.60	ppb
Strontium	88-1	8.16	8.01	8.11	8.09	0.94	ppb
Sulfur	34-1	-2702.36	-2794.28	-2643.69	-2713.44		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.12	0.12	0.12	10.32	ppb
Thallium	205-1	0.13	0.12	0.14	0.13	5.70	ppb
Tin	118-1	3.17	3.30	3.30	3.26	2.29	ppb
Titanium	47-1	40.26	40.51	37.93	39.57	3.60	ppb
Uranium	238-1	0.33	0.33	0.29	0.32	7.81	ppb
Vanadium	51-2	9.82	9.81	10.18	9.94	2.09	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	127.55	126.06	126.26	126.62	0.64	ppb
Zirconium	90-1	0.61	0.62	0.66	0.63	4.08	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LX5	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-01 13:10:10	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.57	0.53	0.55	0.55	2.93	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:13:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15205.82	14856.89	14543.00	14868.57	2.23	ppb
Antimony	121-1	22.31	21.82	22.05	22.06	1.12	ppb
Arsenic	75-2	36.15	36.23	36.21	36.20	0.11	ppb
Barium	135-1	851.90	838.72	829.08	839.90	1.36	ppb
Barium	137-1	856.21	830.76	847.10	844.69	1.53	ppb
Beryllium	9-1	10.22	10.06	10.32	10.20	1.27	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	11.61	8.18	9.05	9.61	18.55	ppb
Boron	11-1	7.55	7.41	7.62	7.53	1.41	ppb
Cadmium	111-1	11.58	11.08	11.87	11.51	3.49	ppb
Cadmium	106-1	9.80	9.34	10.42	9.85	5.54	ppb
Cadmium	108-1	12.64	11.61	11.38	11.87	5.66	ppb
Calcium	43-1	20584.12	20578.82	20930.09	20697.68	0.97	ppb
Calcium	44-1	20494.42	20352.92	20758.79	20535.38	1.00	ppb
Chromium	52-2	78.01	76.77	75.83	76.87	1.42	ppb
Cobalt	59-2	116.78	116.68	115.19	116.22	0.77	ppb
Copper	63-2	117.83	115.94	114.22	116.00	1.55	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				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	50549.01	50327.59	49698.02	50191.54	0.88	ppb
Iron	57-2	50016.92	49366.08	49038.99	49473.99	1.01	ppb
Lead	206-1	861.63	854.81	848.58	855.01	0.76	ppb
Lead	207-1	755.85	744.13	752.87	750.95	0.81	ppb
Lead	208-1	803.97	796.54	798.17	799.56	0.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	7955.94	7926.25	7770.47	7884.22	1.26	ppb
Manganese	55-2	1970.67	1970.20	1930.88	1957.25	1.17	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:13:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.74	4.10	3.62	3.82	6.59	ppb
Molybdenum	95-1	5.55	5.40	5.50	5.48	1.44	ppb
Molybdenum	96-1	5.12	5.15	5.03	5.10	1.25	ppb
Molybdenum	97-1	5.38	5.21	5.49	5.36	2.58	ppb
Molybdenum	98-1	5.58	5.31	5.46	5.45	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	142.08	140.91	138.40	140.46	1.34	ppb
Phosphorus	31-2	3731.72	3738.24	3835.84	3768.60	1.55	ppb
Potassium	39-2	1905.04	2180.48	1928.08	2004.53	7.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	46.52	87.47	50.91	61.63	36.48	ppb
Selenium	78-2	21.83	28.97	26.89	25.90	14.18	ppb
Selenium	82-1	18.51	19.38	19.11	19.00	2.35	ppb
Silicon	28-1	2598.42	1558.73	1860.46	2005.87	26.67	ppb
Silver	109-1	8.98	8.52	8.83	8.78	2.67	ppb
Silver	107-1	8.79	8.92	8.94	8.89	0.90	ppb
Sodium	23-2	124.89	131.08	124.16	126.71	3.00	ppb
Strontium	86-1	39.11	38.57	38.31	38.66	1.06	ppb
Strontium	88-1	39.56	38.78	38.92	39.08	1.06	ppb
Sulfur	34-1	-1602.00	-1602.27	-1522.03	-1575.43		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	9.95	10.01	9.96	9.97	0.32	ppb
Thallium	205-1	9.98	9.81	9.90	9.90	0.86	ppb
Tin	118-1	17.44	17.03	17.13	17.20	1.23	ppb
Titanium	47-1	208.32	201.71	207.16	205.73	1.72	ppb
Uranium	238-1	1.65	1.66	1.67	1.66	0.76	ppb
Vanadium	51-2	144.38	146.00	143.35	144.58	0.92	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	600.73	598.04	593.46	597.41	0.62	ppb
Zirconium	90-1	3.07	2.77	2.70	2.85	6.78	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:13:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.84	3.18	2.71	2.91	8.34	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:16:24	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13244.14	12511.79	13277.37	13011.10	3.33	ppb
Antimony	121-1	3.58	3.76	3.83	3.73	3.51	ppb
Arsenic	75-2	19.35	20.46	22.14	20.65	6.82	ppb
Barium	135-1	192.32	199.03	197.29	196.21	1.77	ppb
Barium	137-1	192.65	202.12	198.48	197.75	2.42	ppb
Beryllium	9-1	1.30	1.22	1.21	1.24	3.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	11.16	11.33	11.80	11.43	2.90	ppb
Boron	11-1	10.46	10.63	11.25	10.78	3.84	ppb
Cadmium	111-1	1.27	1.38	1.35	1.33	4.22	ppb
Cadmium	106-1	-0.63	0.72	0.75	0.28	283.18	ppb
Cadmium	108-1	1.60	1.94	1.76	1.77	9.60	ppb
Calcium	43-1	50046.70	51126.01	51301.41	50824.71	1.34	ppb
Calcium	44-1	49887.07	50188.56	50594.19	50223.27	0.71	ppb
Chromium	52-2	35.88	33.61	35.80	35.10	3.66	ppb
Cobalt	59-2	18.72	17.73	18.47	18.31	2.81	ppb
Copper	63-2	65.64	63.09	67.23	65.32	3.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	36313.76	34847.04	36897.85	36019.55	2.93	ppb
Iron	57-2	35563.34	34219.78	36560.41	35447.85	3.31	ppb
Lead	206-1	248.41	257.70	255.03	253.71	1.88	ppb
Lead	207-1	227.07	231.69	230.02	229.59	1.02	ppb
Lead	208-1	241.89	246.86	245.26	244.67	1.04	ppb
Lithium	6-1				103		%
Magnesium	24-2	22359.32	21276.37	22661.61	22099.10	3.30	ppb
Manganese	55-2	1525.15	1452.39	1561.24	1512.93	3.66	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:16:24	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.03	4.10	3.05	3.39	18.00	ppb
Molybdenum	95-1	3.85	4.08	3.99	3.97	2.97	ppb
Molybdenum	96-1	3.80	3.81	3.85	3.82	0.65	ppb
Molybdenum	97-1	4.12	3.97	3.97	4.02	2.19	ppb
Molybdenum	98-1	3.93	4.01	4.06	4.00	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.67	40.61	43.62	42.30	3.63	ppb
Phosphorus	31-2	1589.75	1287.44	1734.70	1537.30	14.84	ppb
Potassium	39-2	1478.89	1371.61	1446.01	1432.17	3.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	76.55	77.11	84.71	79.46	5.74	ppb
Selenium	78-2	9.43	11.05	6.65	9.04	24.59	ppb
Selenium	82-1	0.29	0.86	0.86	0.67	48.83	ppb
Silicon	28-1	2620.10	2410.28	1642.82	2224.40	23.13	ppb
Silver	109-1	0.40	0.44	0.42	0.42	5.29	ppb
Silver	107-1	0.40	0.44	0.42	0.42	4.78	ppb
Sodium	23-2	185.80	127.50	130.23	147.84	22.25	ppb
Strontium	86-1	43.94	45.01	44.36	44.44	1.21	ppb
Strontium	88-1	45.32	45.58	45.23	45.38	0.41	ppb
Sulfur	34-1	-1345.62	-1035.02	-855.90	-1078.85		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.47	0.44	0.41	0.44	6.14	ppb
Thallium	205-1	0.43	0.47	0.49	0.46	6.61	ppb
Tin	118-1	4.66	4.95	4.88	4.83	3.11	ppb
Titanium	47-1	200.06	176.37	188.22	188.21	6.29	ppb
Uranium	238-1	1.79	1.82	1.78	1.80	1.28	ppb
Vanadium	51-2	47.21	45.26	47.50	46.65	2.61	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	234.25	226.09	234.75	231.70	2.10	ppb
Zirconium	90-1	2.46	2.56	2.54	2.52	2.07	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:16:24	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.72	2.81	2.67	2.73	2.47	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:19:31	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13889.02	13753.55	14030.48	13891.02	1.00	ppb
Antimony	121-1	2.84	2.87	2.80	2.84	1.22	ppb
Arsenic	75-2	22.28	23.50	22.29	22.69	3.08	ppb
Barium	135-1	248.69	249.70	248.52	248.97	0.26	ppb
Barium	137-1	252.78	253.77	250.70	252.42	0.62	ppb
Beryllium	9-1	1.41	1.33	1.25	1.33	6.06	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	6.75	6.91	5.99	6.55	7.46	ppb
Boron	11-1	7.05	7.06	7.33	7.15	2.26	ppb
Cadmium	111-1	1.88	1.84	1.84	1.85	1.09	ppb
Cadmium	106-1	1.38	2.31	-0.49	1.07	133.83	ppb
Cadmium	108-1	1.91	2.28	2.04	2.08	9.04	ppb
Calcium	43-1	15141.34	15370.77	15080.30	15197.47	1.01	ppb
Calcium	44-1	15001.54	15158.92	15097.88	15086.11	0.53	ppb
Chromium	52-2	39.46	38.79	39.53	39.26	1.05	ppb
Cobalt	59-2	21.87	21.38	21.73	21.66	1.17	ppb
Copper	63-2	67.28	66.79	68.19	67.42	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	39181.22	38097.93	39014.36	38764.50	1.50	ppb
Iron	57-2	38078.14	37675.01	38517.91	38090.35	1.11	ppb
Lead	206-1	281.93	283.22	283.35	282.83	0.28	ppb
Lead	207-1	256.49	256.93	256.77	256.73	0.09	ppb
Lead	208-1	273.30	272.81	273.72	273.28	0.17	ppb
Lithium	6-1				104		%
Magnesium	24-2	8022.13	7792.58	7934.38	7916.37	1.46	ppb
Manganese	55-2	2018.73	1995.25	2034.02	2016.00	0.97	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:19:31	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.13	3.39	3.31	3.28	4.00	ppb
Molybdenum	95-1	4.81	4.97	5.05	4.94	2.44	ppb
Molybdenum	96-1	4.55	4.70	4.65	4.63	1.62	ppb
Molybdenum	97-1	5.10	5.03	5.31	5.15	2.83	ppb
Molybdenum	98-1	4.88	5.16	5.06	5.03	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.73	44.95	46.18	45.62	1.36	ppb
Phosphorus	31-2	1837.93	2316.05	2168.35	2107.44	11.62	ppb
Potassium	39-2	1751.83	1642.52	1674.80	1689.72	3.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	77.03	72.54	56.99	68.86	15.27	ppb
Selenium	78-2	7.18	11.09	13.16	10.48	28.98	ppb
Selenium	82-1	0.54	0.27	-0.68	0.04	1481.76	ppb
Silicon	28-1	1943.54	2249.15	2926.49	2373.06	21.20	ppb
Silver	109-1	0.27	0.29	0.29	0.28	2.92	ppb
Silver	107-1	0.31	0.31	0.29	0.30	4.69	ppb
Sodium	23-2	102.85	95.46	94.65	97.65	4.63	ppb
Strontium	86-1	23.82	22.41	22.37	22.86	3.61	ppb
Strontium	88-1	22.53	22.86	23.51	22.97	2.17	ppb
Sulfur	34-1	-1487.84	-1352.04	-1692.80	-1510.89		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.42	0.43	0.38	0.41	7.57	ppb
Thallium	205-1	0.41	0.43	0.44	0.42	4.01	ppb
Tin	118-1	5.61	5.50	5.55	5.55	0.93	ppb
Titanium	47-1	187.93	193.18	183.73	188.28	2.51	ppb
Uranium	238-1	1.86	1.83	1.88	1.86	1.34	ppb
Vanadium	51-2	49.53	49.14	49.44	49.37	0.41	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	341.08	339.58	343.85	341.51	0.63	ppb
Zirconium	90-1	2.40	2.40	2.53	2.44	2.99	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:19:31	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.47	2.50	2.23	2.40	6.18	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:22:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14381.02	14808.58	14645.91	14611.84	1.48	ppb
Antimony	121-1	4.57	4.34	4.44	4.45	2.65	ppb
Arsenic	75-2	20.89	20.75	21.59	21.08	2.13	ppb
Barium	135-1	224.30	228.64	221.97	224.97	1.50	ppb
Barium	137-1	226.03	228.22	223.88	226.04	0.96	ppb
Beryllium	9-1	1.30	1.37	1.11	1.26	10.90	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	7.34	8.68	8.77	8.26	9.66	ppb
Boron	11-1	9.14	8.71	8.94	8.93	2.41	ppb
Cadmium	111-1	0.92	0.98	0.98	0.96	3.74	ppb
Cadmium	106-1	-0.93	0.72	0.53	0.11	819.68	ppb
Cadmium	108-1	1.30	1.62	1.18	1.36	16.78	ppb
Calcium	43-1	65649.44	67354.43	65880.45	66294.77	1.40	ppb
Calcium	44-1	65478.25	66077.69	65043.92	65533.28	0.79	ppb
Chromium	52-2	38.27	38.78	38.21	38.42	0.82	ppb
Cobalt	59-2	16.94	17.27	16.83	17.01	1.34	ppb
Copper	63-2	63.05	63.97	62.77	63.26	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	38682.98	38849.85	38700.82	38744.55	0.24	ppb
Iron	57-2	38265.92	38769.17	37893.66	38309.58	1.15	ppb
Lead	206-1	246.91	247.38	243.76	246.02	0.80	ppb
Lead	207-1	220.84	223.96	220.32	221.71	0.89	ppb
Lead	208-1	236.83	239.53	235.06	237.14	0.95	ppb
Lithium	6-1				104		%
Magnesium	24-2	26047.13	26180.63	25663.94	25963.90	1.03	ppb
Manganese	55-2	1361.24	1377.53	1354.80	1364.53	0.86	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:22:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.10	4.06	4.04	4.07	0.75	ppb
Molybdenum	95-1	4.24	4.37	4.32	4.31	1.60	ppb
Molybdenum	96-1	4.17	4.24	4.27	4.23	1.17	ppb
Molybdenum	97-1	4.29	4.18	4.24	4.24	1.30	ppb
Molybdenum	98-1	4.24	4.09	4.26	4.19	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.78	44.82	45.22	44.94	0.53	ppb
Phosphorus	31-2	1324.81	1532.67	1367.53	1408.34	7.79	ppb
Potassium	39-2	1881.25	1880.40	2053.01	1938.22	5.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	77.52	67.97	83.14	76.21	10.07	ppb
Selenium	78-2	5.67	15.80	8.08	9.85	53.68	ppb
Selenium	82-1	0.61	0.49	0.77	0.62	22.85	ppb
Silicon	28-1	2726.32	2950.31	2201.84	2626.16	14.63	ppb
Silver	109-1	0.20	0.23	0.22	0.22	7.50	ppb
Silver	107-1	0.24	0.20	0.22	0.22	8.50	ppb
Sodium	23-2	164.50	183.37	184.08	177.32	6.26	ppb
Strontium	86-1	51.44	52.67	51.57	51.90	1.30	ppb
Strontium	88-1	52.17	53.31	52.12	52.53	1.28	ppb
Sulfur	34-1	-814.68	-417.28	-537.21	-589.72		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.44	0.45	0.43	0.44	1.43	ppb
Thallium	205-1	0.42	0.45	0.45	0.44	4.56	ppb
Tin	118-1	5.21	5.02	5.00	5.08	2.34	ppb
Titanium	47-1	188.23	162.93	163.90	171.69	8.35	ppb
Uranium	238-1	1.70	1.77	1.74	1.74	2.24	ppb
Vanadium	51-2	51.30	51.02	49.50	50.61	1.91	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	186.85	187.85	185.73	186.81	0.57	ppb
Zirconium	90-1	3.85	3.96	4.05	3.95	2.49	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:22:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.96	3.99	3.81	3.92	2.48	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:25:46	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12812.93	12857.81	12845.44	12838.73	0.18	ppb
Antimony	121-1	3.22	3.24	3.29	3.25	1.19	ppb
Arsenic	75-2	22.65	21.31	20.59	21.52	4.86	ppb
Barium	135-1	234.89	222.81	230.75	229.48	2.68	ppb
Barium	137-1	237.57	226.24	233.55	232.45	2.47	ppb
Beryllium	9-1	1.14	1.17	1.23	1.18	4.12	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	9.17	8.80	8.24	8.74	5.33	ppb
Boron	11-1	8.80	7.40	8.91	8.37	10.04	ppb
Cadmium	111-1	1.10	0.86	0.83	0.93	16.52	ppb
Cadmium	106-1	1.36	-0.45	1.18	0.70	143.36	ppb
Cadmium	108-1	1.26	1.13	1.39	1.26	10.30	ppb
Calcium	43-1	88886.47	84695.13	88183.15	87254.92	2.57	ppb
Calcium	44-1	88173.98	83093.54	86513.72	85927.08	3.01	ppb
Chromium	52-2	31.48	31.39	30.43	31.10	1.87	ppb
Cobalt	59-2	16.20	16.73	16.35	16.43	1.65	ppb
Copper	63-2	58.55	57.72	58.05	58.10	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	37589.00	37801.74	37516.21	37635.65	0.39	ppb
Iron	57-2	37110.21	37354.83	37018.68	37161.24	0.47	ppb
Lead	206-1	471.36	447.28	456.25	458.29	2.66	ppb
Lead	207-1	406.46	385.84	393.58	395.29	2.64	ppb
Lead	208-1	435.70	412.20	421.56	423.15	2.79	ppb
Lithium	6-1				107		%
Magnesium	24-2	34703.89	34978.25	35077.86	34920.00	0.55	ppb
Manganese	55-2	1514.65	1530.35	1513.86	1519.62	0.61	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:25:46	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.70	3.49	3.78	3.66	4.02	ppb
Molybdenum	95-1	4.19	3.99	4.22	4.13	3.06	ppb
Molybdenum	96-1	4.02	4.06	4.00	4.03	0.70	ppb
Molybdenum	97-1	4.59	4.23	4.22	4.35	4.81	ppb
Molybdenum	98-1	4.31	4.15	4.25	4.24	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.57	53.80	52.15	53.17	1.68	ppb
Phosphorus	31-2	1455.28	972.46	1382.26	1270.00	20.49	ppb
Potassium	39-2	1718.13	1675.28	1655.33	1682.92	1.91	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	52.36	57.11	94.49	67.99	33.94	ppb
Selenium	78-2	9.38	13.95	9.30	10.88	24.49	ppb
Selenium	82-1	0.01	0.42	0.47	0.30	83.31	ppb
Silicon	28-1	2916.17	1964.55	2388.69	2423.14	19.67	ppb
Silver	109-1	0.36	0.31	0.34	0.34	6.39	ppb
Silver	107-1	0.38	0.29	0.32	0.33	12.46	ppb
Sodium	23-2	149.94	150.11	152.86	150.97	1.09	ppb
Strontium	86-1	62.62	58.76	61.32	60.90	3.22	ppb
Strontium	88-1	65.07	59.80	63.65	62.84	4.34	ppb
Sulfur	34-1	-707.79	-1263.43	-709.42	-893.55		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.47	0.41	0.45	0.44	7.01	ppb
Thallium	205-1	0.52	0.46	0.52	0.50	6.52	ppb
Tin	118-1	4.96	4.65	4.85	4.82	3.22	ppb
Titanium	47-1	164.71	141.79	154.09	153.53	7.47	ppb
Uranium	238-1	1.54	1.42	1.49	1.49	4.25	ppb
Vanadium	51-2	44.44	45.57	45.00	45.00	1.25	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	190.00	187.84	188.93	188.92	0.57	ppb
Zirconium	90-1	3.21	3.23	3.22	3.22	0.23	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:25:46	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.28	3.00	3.21	3.16	4.60	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:28:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12851.11	12812.78	12922.25	12862.05	0.43	ppb
Antimony	121-1	3.98	3.78	3.70	3.82	3.86	ppb
Arsenic	75-2	21.85	22.38	23.88	22.70	4.64	ppb
Barium	135-1	227.27	228.23	228.41	227.97	0.27	ppb
Barium	137-1	226.81	239.95	230.41	232.39	2.92	ppb
Beryllium	9-1	1.31	1.42	1.33	1.35	4.25	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	10.68	10.83	11.62	11.04	4.59	ppb
Boron	11-1	9.97	10.41	10.34	10.24	2.30	ppb
Cadmium	111-1	2.23	2.24	2.22	2.23	0.46	ppb
Cadmium	106-1	3.15	1.42	3.32	2.63	39.89	ppb
Cadmium	108-1	3.18	4.01	3.83	3.67	11.80	ppb
Calcium	43-1	81976.45	84145.42	83176.39	83099.42	1.31	ppb
Calcium	44-1	81010.66	83032.45	82417.62	82153.58	1.26	ppb
Chromium	52-2	45.79	45.35	46.66	45.93	1.45	ppb
Cobalt	59-2	14.93	14.77	15.41	15.04	2.22	ppb
Copper	63-2	115.52	113.60	117.38	115.50	1.64	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				108		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	41390.64	40571.47	42319.96	41427.36	2.11	ppb
Iron	57-2	40564.40	40162.68	41596.85	40774.64	1.81	ppb
Lead	206-1	640.48	643.89	634.50	639.63	0.74	ppb
Lead	207-1	595.53	593.47	587.23	592.08	0.73	ppb
Lead	208-1	609.86	615.36	611.02	612.08	0.47	ppb
Lithium	6-1				107		%
Magnesium	24-2	33667.77	33133.88	33966.54	33589.40	1.26	ppb
Manganese	55-2	999.42	986.17	1027.85	1004.48	2.12	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:28:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.50	3.43	3.54	3.49	1.58	ppb
Molybdenum	95-1	3.94	4.04	4.03	4.00	1.43	ppb
Molybdenum	96-1	3.78	4.07	4.06	3.97	4.05	ppb
Molybdenum	97-1	4.00	3.88	3.81	3.90	2.49	ppb
Molybdenum	98-1	3.91	4.03	3.89	3.94	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.60	46.84	49.06	48.17	2.44	ppb
Phosphorus	31-2	2180.73	1725.00	1632.01	1845.92	15.91	ppb
Potassium	39-2	1382.37	1419.09	1450.29	1417.25	2.40	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	42.74	70.69	56.79	56.74	24.63	ppb
Selenium	78-2	10.12	8.53	5.53	8.06	28.91	ppb
Selenium	82-1	0.85	0.23	1.46	0.85	72.55	ppb
Silicon	28-1	1856.21	1995.87	1760.12	1870.73	6.34	ppb
Silver	109-1	0.41	0.45	0.40	0.42	5.79	ppb
Silver	107-1	0.40	0.41	0.47	0.43	8.48	ppb
Sodium	23-2	232.97	210.18	226.32	223.16	5.25	ppb
Strontium	86-1	63.51	64.09	63.49	63.70	0.53	ppb
Strontium	88-1	64.93	66.13	65.24	65.43	0.95	ppb
Sulfur	34-1	-161.19	-55.25	-43.57	-86.67		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.34	0.35	0.37	0.35	3.35	ppb
Thallium	205-1	0.36	0.37	0.38	0.37	1.77	ppb
Tin	118-1	7.99	8.18	7.84	8.00	2.11	ppb
Titanium	47-1	92.77	94.21	96.54	94.51	2.02	ppb
Uranium	238-1	1.59	1.62	1.59	1.60	1.27	ppb
Vanadium	51-2	43.68	43.87	44.53	44.03	1.01	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	391.97	383.95	401.72	392.55	2.27	ppb
Zirconium	90-1	3.18	3.26	3.87	3.44	10.99	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:28:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.18	3.21	3.32	3.23	2.37	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:31:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14205.86	14064.68	15590.74	14620.43	5.77	ppb
Antimony	121-1	6.10	6.13	5.99	6.08	1.21	ppb
Arsenic	75-2	25.14	25.45	27.19	25.93	4.27	ppb
Barium	135-1	256.27	254.88	254.41	255.18	0.38	ppb
Barium	137-1	259.91	256.09	256.36	257.46	0.83	ppb
Beryllium	9-1	1.45	1.62	1.43	1.50	7.16	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	10.31	9.51	10.44	10.09	4.98	ppb
Boron	11-1	10.32	10.94	10.24	10.50	3.64	ppb
Cadmium	111-1	3.59	3.87	3.63	3.70	4.07	ppb
Cadmium	106-1	2.34	2.61	3.12	2.69	14.83	ppb
Cadmium	108-1	4.19	3.65	3.98	3.94	6.99	ppb
Calcium	43-1	73555.98	72924.10	72061.77	72847.28	1.03	ppb
Calcium	44-1	72927.19	73060.06	71632.51	72539.92	1.09	ppb
Chromium	52-2	35.44	36.19	38.66	36.76	4.58	ppb
Cobalt	59-2	15.71	15.52	17.05	16.09	5.18	ppb
Copper	63-2	79.69	81.18	86.47	82.44	4.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	43639.92	43446.85	47360.16	44815.65	4.92	ppb
Iron	57-2	42755.44	42536.86	45863.86	43718.72	4.26	ppb
Lead	206-1	524.28	521.05	522.82	522.72	0.31	ppb
Lead	207-1	481.35	479.62	472.94	477.97	0.93	ppb
Lead	208-1	499.89	496.56	496.56	497.67	0.39	ppb
Lithium	6-1				107		%
Magnesium	24-2	25645.50	25641.49	27885.09	26390.69	4.90	ppb
Manganese	55-2	1168.33	1157.29	1268.47	1198.03	5.11	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:31:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.61	3.66	3.66	3.64	0.80	ppb
Molybdenum	95-1	4.51	4.24	4.31	4.36	3.19	ppb
Molybdenum	96-1	4.35	4.35	4.22	4.31	1.73	ppb
Molybdenum	97-1	4.21	4.33	4.55	4.36	4.01	ppb
Molybdenum	98-1	4.24	4.37	4.45	4.35	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.39	44.40	46.86	44.88	3.97	ppb
Phosphorus	31-2	2306.46	2164.66	2389.86	2286.99	4.98	ppb
Potassium	39-2	2158.48	2091.27	2320.62	2190.12	5.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	122.35	90.81	113.37	108.84	14.93	ppb
Selenium	78-2	13.03	14.02	12.67	13.24	5.25	ppb
Selenium	82-1	1.01	1.17	0.41	0.86	46.50	ppb
Silicon	28-1	1632.15	1917.14	1628.07	1725.79	9.60	ppb
Silver	109-1	0.38	0.38	0.39	0.38	1.92	ppb
Silver	107-1	0.40	0.39	0.44	0.41	6.87	ppb
Sodium	23-2	158.02	159.45	167.49	161.65	3.16	ppb
Strontium	86-1	53.76	53.12	54.59	53.82	1.37	ppb
Strontium	88-1	55.71	55.17	55.01	55.30	0.67	ppb
Sulfur	34-1	-236.95	52.92	-316.70	-166.91		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	0.43	0.48	0.46	0.46	5.00	ppb
Thallium	205-1	0.44	0.44	0.44	0.44	0.08	ppb
Tin	118-1	14.13	14.08	13.81	14.01	1.20	ppb
Titanium	47-1	116.05	127.44	128.31	123.93	5.52	ppb
Uranium	238-1	1.53	1.52	1.55	1.53	1.14	ppb
Vanadium	51-2	51.75	52.48	55.73	53.32	3.98	ppb
Yttrium	89-1				114		%
Yttrium	89-2				102		%
Zinc	66-2	426.41	421.65	451.10	433.05	3.65	ppb
Zirconium	90-1	3.36	3.56	3.24	3.38	4.80	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:31:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.25	3.11	3.18	3.18	2.18	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:35:06	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16958.29	17309.87	17501.44	17256.53	1.60	ppb
Antimony	121-1	4.77	4.76	4.81	4.78	0.49	ppb
Arsenic	75-2	29.01	29.39	29.25	29.22	0.67	ppb
Barium	135-1	418.11	423.05	410.38	417.18	1.53	ppb
Barium	137-1	426.14	423.82	412.10	420.69	1.79	ppb
Beryllium	9-1	1.74	1.55	1.53	1.61	7.13	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	8.98	10.12	9.93	9.68	6.30	ppb
Boron	11-1	8.54	9.90	9.38	9.27	7.37	ppb
Cadmium	111-1	2.06	2.40	2.38	2.28	8.40	ppb
Cadmium	106-1	0.09	2.30	2.01	1.47	81.98	ppb
Cadmium	108-1	2.92	3.20	2.02	2.71	22.62	ppb
Calcium	43-1	33831.41	33573.33	34020.46	33808.40	0.66	ppb
Calcium	44-1	34235.52	33853.17	33630.98	33906.56	0.90	ppb
Chromium	52-2	43.42	44.59	45.19	44.40	2.04	ppb
Cobalt	59-2	26.39	27.30	27.48	27.06	2.17	ppb
Copper	63-2	94.85	96.72	97.96	96.51	1.63	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				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	50061.73	51386.79	51672.58	51040.37	1.68	ppb
Iron	57-2	49609.33	50433.88	50996.51	50346.57	1.39	ppb
Lead	206-1	686.77	688.35	688.25	687.79	0.13	ppb
Lead	207-1	636.63	624.94	627.75	629.77	0.97	ppb
Lead	208-1	656.42	652.59	650.44	653.15	0.46	ppb
Lithium	6-1				106		%
Magnesium	24-2	12646.30	13145.03	13018.11	12936.48	2.00	ppb
Manganese	55-2	1820.84	1881.95	1892.32	1865.04	2.07	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:35:06	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.31	3.45	3.58	3.45	3.87	ppb
Molybdenum	95-1	5.50	5.20	5.33	5.34	2.79	ppb
Molybdenum	96-1	4.99	5.16	5.08	5.07	1.74	ppb
Molybdenum	97-1	5.51	5.12	5.21	5.28	3.89	ppb
Molybdenum	98-1	5.52	5.39	5.22	5.38	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.45	72.02	70.33	70.27	2.54	ppb
Phosphorus	31-2	1612.89	1126.10	1441.26	1393.42	17.72	ppb
Potassium	39-2	1792.57	1834.82	1836.17	1821.19	1.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	60.69	108.12	108.48	92.43	29.74	ppb
Selenium	78-2	9.94	5.49	8.53	7.99	28.48	ppb
Selenium	82-1	0.76	1.13	0.95	0.95	19.54	ppb
Silicon	28-1	2499.06	1783.85	2230.64	2171.18	16.64	ppb
Silver	109-1	0.72	0.73	0.67	0.71	4.63	ppb
Silver	107-1	0.66	0.72	0.70	0.69	4.42	ppb
Sodium	23-2	129.02	141.60	136.30	135.64	4.66	ppb
Strontium	86-1	57.59	57.50	57.64	57.58	0.12	ppb
Strontium	88-1	58.67	58.34	59.60	58.87	1.11	ppb
Sulfur	34-1	-393.06	-645.30	-600.59	-546.32		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.59	0.66	0.63	0.63	5.45	ppb
Thallium	205-1	0.67	0.68	0.68	0.68	0.92	ppb
Tin	118-1	43.97	44.51	43.42	43.97	1.25	ppb
Titanium	47-1	234.25	249.38	249.70	244.44	3.61	ppb
Uranium	238-1	1.97	1.94	1.95	1.95	0.69	ppb
Vanadium	51-2	61.43	62.43	64.27	62.71	2.30	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	583.68	602.13	605.29	597.03	1.95	ppb
Zirconium	90-1	2.67	2.86	2.86	2.79	3.93	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:35:06	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.85	2.60	2.65	2.70	4.93	ppb

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : I5061-17 Instrumnet Name : P8
 Client Sample ID : MET1Y9 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 13:38:11 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17580.52	17101.95	17039.55	17240.68	1.72	ppb
Antimony	121-1	7.28	7.29	7.28	7.29	0.11	ppb
Arsenic	75-2	27.66	28.34	28.96	28.32	2.30	ppb
Barium	135-1	1136.07	1133.92	1159.83	1143.27	1.26	ppb
Barium	137-1	1148.93	1143.89	1143.68	1145.50	0.26	ppb
Beryllium	9-1	2.11	2.12	2.21	2.14	2.47	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	12.96	12.82	14.00	13.26	4.88	ppb
Boron	11-1	12.26	13.38	13.77	13.13	5.97	ppb
Cadmium	111-1	5.53	5.41	5.18	5.37	3.33	ppb
Cadmium	106-1	4.40	3.73	4.17	4.10	8.25	ppb
Cadmium	108-1	5.30	6.05	5.20	5.51	8.39	ppb
Calcium	43-1	25011.35	24879.91	25002.51	24964.59	0.29	ppb
Calcium	44-1	25161.10	24730.21	24923.45	24938.25	0.87	ppb
Chromium	52-2	49.53	47.62	47.48	48.21	2.37	ppb
Cobalt	59-2	26.19	25.59	25.35	25.71	1.69	ppb
Copper	63-2	161.77	158.72	158.03	159.51	1.25	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				105		%
Indium	115-2				98		%
Iron	56-2	47302.64	46620.54	46230.09	46717.76	1.16	ppb
Iron	57-2	46506.75	45152.13	45364.56	45674.48	1.60	ppb
Lead	206-1	2025.28	2038.02	2032.58	2031.96	0.31	ppb
Lead	207-1	1872.51	1910.69	1892.71	1891.97	1.01	ppb
Lead	208-1	1959.98	1980.02	1979.24	1973.08	0.58	ppb
Lithium	6-1				107		%
Magnesium	24-2	7304.34	7189.46	7137.51	7210.44	1.18	ppb
Manganese	55-2	2166.40	2103.85	2125.02	2131.76	1.49	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:38:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.60	2.50	2.47	2.52	2.55	ppb
Molybdenum	95-1	4.80	4.76	4.98	4.85	2.37	ppb
Molybdenum	96-1	4.40	4.39	4.44	4.41	0.57	ppb
Molybdenum	97-1	5.10	4.73	4.98	4.94	3.82	ppb
Molybdenum	98-1	5.06	4.79	4.87	4.91	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.93	58.21	58.15	59.09	2.68	ppb
Phosphorus	31-2	4072.08	4285.82	4456.76	4271.55	4.51	ppb
Potassium	39-2	2316.04	2245.17	2265.55	2275.59	1.60	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	60.86	70.12	55.42	62.13	11.96	ppb
Selenium	78-2	9.97	8.45	11.30	9.91	14.40	ppb
Selenium	82-1	1.63	1.14	1.08	1.28	23.53	ppb
Silicon	28-1	1686.80	1864.35	2143.85	1898.33	12.14	ppb
Silver	109-1	1.29	1.34	1.35	1.33	2.56	ppb
Silver	107-1	1.35	1.31	1.31	1.33	1.62	ppb
Sodium	23-2	158.68	169.96	155.76	161.47	4.65	ppb
Strontium	86-1	141.62	140.36	143.58	141.85	1.14	ppb
Strontium	88-1	147.39	142.04	145.43	144.96	1.87	ppb
Sulfur	34-1	-989.09	-1170.46	-1150.80	-1103.45		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.76	0.80	0.74	0.77	3.98	ppb
Thallium	205-1	0.80	0.79	0.77	0.79	1.95	ppb
Tin	118-1	30.56	29.94	30.48	30.33	1.10	ppb
Titanium	47-1	230.23	228.91	240.76	233.30	2.78	ppb
Uranium	238-1	2.29	2.25	2.25	2.26	1.16	ppb
Vanadium	51-2	62.40	62.23	61.65	62.09	0.63	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	1813.32	1791.88	1786.72	1797.30	0.78	ppb
Zirconium	90-1	1.80	1.57	1.64	1.67	7.22	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:38:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.44	1.53	1.35	1.44	6.36	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:41:16	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17068.90	17573.80	17191.28	17277.99	1.52	ppb
Antimony	121-1	7.26	7.25	7.37	7.29	0.87	ppb
Arsenic	75-2	28.80	30.77	29.16	29.58	3.55	ppb
Barium	135-1	1196.93	1172.15	1177.05	1182.04	1.11	ppb
Barium	137-1	1200.52	1178.93	1195.49	1191.65	0.95	ppb
Beryllium	9-1	2.42	2.26	2.26	2.31	4.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	15.29	11.96	15.59	14.28	14.12	ppb
Boron	11-1	13.98	13.64	13.00	13.54	3.66	ppb
Cadmium	111-1	5.37	5.31	5.24	5.31	1.26	ppb
Cadmium	106-1	5.17	3.89	4.53	4.53	14.19	ppb
Cadmium	108-1	5.97	5.14	6.26	5.79	10.03	ppb
Calcium	43-1	27682.32	28209.35	28162.64	28018.10	1.04	ppb
Calcium	44-1	27751.96	28127.87	27774.35	27884.73	0.76	ppb
Chromium	52-2	47.81	49.38	47.06	48.08	2.46	ppb
Cobalt	59-2	28.70	29.83	28.68	29.07	2.25	ppb
Copper	63-2	194.75	200.59	195.03	196.79	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	46654.20	47824.00	46492.72	46990.31	1.55	ppb
Iron	57-2	45741.46	47337.01	45544.02	46207.50	2.13	ppb
Lead	206-1	2042.22	2071.12	2044.29	2052.54	0.79	ppb
Lead	207-1	1880.01	1892.55	1909.37	1893.98	0.78	ppb
Lead	208-1	1966.53	1998.22	1979.78	1981.51	0.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	8487.12	8778.14	8354.44	8539.90	2.54	ppb
Manganese	55-2	2401.18	2451.99	2363.83	2405.67	1.84	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:41:16	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.68	2.45	2.46	2.53	5.05	ppb
Molybdenum	95-1	5.09	5.22	4.82	5.05	4.08	ppb
Molybdenum	96-1	4.65	4.70	4.60	4.65	1.13	ppb
Molybdenum	97-1	5.00	5.09	5.12	5.07	1.16	ppb
Molybdenum	98-1	5.12	5.02	5.17	5.11	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.19	58.50	57.42	57.70	1.22	ppb
Phosphorus	31-2	3973.23	4889.70	4227.01	4363.31	10.84	ppb
Potassium	39-2	2199.58	2683.61	2142.74	2341.98	12.69	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	78.71	42.63	60.50	60.62	29.76	ppb
Selenium	78-2	10.59	10.85	9.16	10.20	8.94	ppb
Selenium	82-1	1.61	2.45	1.74	1.93	23.52	ppb
Silicon	28-1	2015.53	1609.12	2313.90	1979.52	17.87	ppb
Silver	109-1	1.48	1.44	1.40	1.44	2.66	ppb
Silver	107-1	1.41	1.40	1.42	1.41	0.90	ppb
Sodium	23-2	166.35	163.74	165.50	165.20	0.81	ppb
Strontium	86-1	147.74	149.60	148.47	148.60	0.63	ppb
Strontium	88-1	149.70	151.53	151.17	150.80	0.64	ppb
Sulfur	34-1	-1227.08	-1144.60	-1290.18	-1220.62		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.73	0.80	0.75	0.76	4.99	ppb
Thallium	205-1	0.79	0.77	0.76	0.77	1.79	ppb
Tin	118-1	28.50	29.24	28.58	28.77	1.41	ppb
Titanium	47-1	229.66	225.61	228.16	227.81	0.90	ppb
Uranium	238-1	2.33	2.39	2.32	2.35	1.70	ppb
Vanadium	51-2	63.30	64.13	63.06	63.49	0.88	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	1771.97	1830.04	1768.53	1790.18	1.93	ppb
Zirconium	90-1	1.89	1.60	1.39	1.63	15.59	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:41:16	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.47	6.63	1.41	3.17	94.50	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:46:19	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49857.68	50891.57	49380.08	50043.11	1.54	ppb
Antimony	121-1	516.27	510.56	505.30	510.71	1.07	ppb
Arsenic	75-2	493.96	499.82	496.37	496.72	0.59	ppb
Barium	135-1	2556.45	2582.33	2526.88	2555.22	1.09	ppb
Barium	137-1	2557.47	2570.23	2528.31	2552.00	0.84	ppb
Beryllium	9-1	512.68	511.16	511.65	511.83	0.15	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	503.67	496.70	503.34	501.24	0.78	ppb
Boron	11-1	497.04	505.67	503.86	502.19	0.91	ppb
Cadmium	111-1	496.30	496.28	493.06	495.21	0.38	ppb
Cadmium	106-1	504.23	503.15	500.17	502.52	0.42	ppb
Cadmium	108-1	503.33	504.72	504.94	504.33	0.17	ppb
Calcium	43-1	240827.84	245327.28	243375.20	243176.77	0.93	ppb
Calcium	44-1	242108.49	244602.57	243613.99	243441.68	0.52	ppb
Chromium	52-2	508.08	509.44	505.75	507.76	0.37	ppb
Cobalt	59-2	493.51	498.67	492.27	494.82	0.69	ppb
Copper	63-2	982.57	1010.17	1006.20	999.65	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	123664.70	123679.55	123507.70	123617.32	0.08	ppb
Iron	57-2	123348.76	125370.09	123971.50	124230.12	0.83	ppb
Lead	206-1	530.79	516.37	522.73	523.30	1.38	ppb
Lead	207-1	518.62	513.30	520.47	517.46	0.72	ppb
Lead	208-1	523.72	516.82	521.64	520.73	0.68	ppb
Lithium	6-1				98		%
Magnesium	24-2	249671.21	250327.28	243603.62	247867.37	1.50	ppb
Manganese	55-2	1011.14	1016.04	1007.46	1011.55	0.43	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:46:19	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.60	513.60	507.57	507.92	1.08	ppb
Molybdenum	95-1	509.05	515.52	510.30	511.63	0.67	ppb
Molybdenum	96-1	506.20	517.95	512.39	512.18	1.15	ppb
Molybdenum	97-1	495.74	505.81	500.68	500.74	1.01	ppb
Molybdenum	98-1	508.19	512.12	508.83	509.71	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.51	499.84	495.00	496.11	0.67	ppb
Phosphorus	31-2	10474.12	10898.56	9607.44	10326.71	6.37	ppb
Potassium	39-2	127413.22	128367.44	127886.15	127888.94	0.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	567.63	488.73	622.55	559.64	12.02	ppb
Selenium	78-2	503.68	492.76	495.56	497.33	1.14	ppb
Selenium	82-1	495.27	501.28	497.23	497.93	0.62	ppb
Silicon	28-1	537.04	560.57	558.24	551.95	2.35	ppb
Silver	109-1	469.04	471.94	469.94	470.31	0.32	ppb
Silver	107-1	473.60	471.00	466.33	470.31	0.78	ppb
Sodium	23-2	244630.43	248991.62	244695.86	246105.97	1.02	ppb
Strontium	86-1	506.99	516.30	510.80	511.37	0.92	ppb
Strontium	88-1	515.44	520.28	514.61	516.77	0.59	ppb
Sulfur	34-1	9810.91	10031.54	9806.51	9882.99	1.30	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	525.18	520.51	527.51	524.40	0.68	ppb
Thallium	205-1	523.24	518.80	518.95	520.33	0.49	ppb
Tin	118-1	514.94	512.85	506.31	511.37	0.88	ppb
Titanium	47-1	507.35	506.70	507.92	507.32	0.12	ppb
Uranium	238-1	525.81	514.11	521.70	520.54	1.14	ppb
Vanadium	51-2	513.27	515.87	509.15	512.77	0.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	952.48	952.78	939.75	948.34	0.78	ppb
Zirconium	90-1	505.64	512.65	505.56	507.95	0.80	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:46:19	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.41	516.25	509.42	510.36	1.07	ppb

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : CCB074 Instrumnet Name : P8
 Client Sample ID : CCB074 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 13:49:17 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.88	-4.38	-1.30	-2.86		ppb
Antimony	121-1	0.58	0.51	0.47	0.52	10.63	ppb
Arsenic	75-2	0.00	-0.04	0.05	0.00	2328.72	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.02	0.02	0.00	0.00	1313.52	ppb
Beryllium	9-1	0.10	0.08	0.07	0.08	17.59	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	10.87	9.41	10.60	10.29	7.53	ppb
Boron	11-1	10.73	11.28	8.93	10.31	11.87	ppb
Cadmium	111-1	-0.19	-0.08	-0.14	-0.14		ppb
Cadmium	106-1	-2.93	-1.83	-2.26	-2.34		ppb
Cadmium	108-1	-0.09	-0.09	-0.06	-0.08		ppb
Calcium	43-1	-9.20	-14.26	-21.90	-15.12		ppb
Calcium	44-1	-2.02	-4.54	-4.37	-3.64		ppb
Chromium	52-2	-0.13	-0.09	-0.07	-0.10		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.09	0.04	0.00	0.04	103.64	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				102		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	2.38	1.93	2.04	2.12	10.93	ppb
Iron	57-2	1.90	-0.93	-0.48	0.16	926.12	ppb
Lead	206-1	0.15	0.18	0.13	0.16	15.86	ppb
Lead	207-1	0.16	0.15	0.15	0.15	3.37	ppb
Lead	208-1	0.15	0.17	0.16	0.16	4.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	4.14	5.16	2.23	3.85	38.67	ppb
Manganese	55-2	-0.08	-0.10	-0.18	-0.12		ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:49:17	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.02	0.03	35.71	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	3.80	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	27.87	ppb
Molybdenum	97-1	0.07	0.06	0.03	0.05	34.47	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.05	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.11	-0.15	-0.10		ppb
Phosphorus	31-2	10.60	-10.20	-10.20	-3.27		ppb
Potassium	39-2	-5.21	12.80	21.41	9.67	140.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.00	5.18	0.00	1.73	173.21	ppb
Selenium	78-2	0.30	-0.53	1.14	0.30	276.05	ppb
Selenium	82-1	-0.79	0.06	-0.19	-0.31		ppb
Silicon	28-1	-19.84	-18.14	-18.65	-18.88		ppb
Silver	109-1	0.03	0.05	0.04	0.04	15.84	ppb
Silver	107-1	0.04	0.04	0.04	0.04	8.30	ppb
Sodium	23-2	57.96	55.61	50.42	54.66	7.06	ppb
Strontium	86-1	-0.12	-0.11	-0.12	-0.11		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1054.84	-963.35	-880.59	-966.26		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.05	0.04	0.05	12.52	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	18.03	ppb
Tin	118-1	0.16	0.14	0.16	0.15	8.41	ppb
Titanium	47-1	0.07	0.02	0.00	0.03	105.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.02		ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	0.14	0.36	0.34	0.28	42.32	ppb
Zirconium	90-1	0.03	0.03	0.04	0.04	23.44	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:49:17	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.02	48.31	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:52:25	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	914.61	877.03	847.75	879.80	3.81	ppb
Antimony	121-1	0.49	0.45	0.49	0.48	5.53	ppb
Arsenic	75-2	1.46	1.81	1.45	1.57	13.12	ppb
Barium	135-1	19.94	19.90	20.10	19.98	0.51	ppb
Barium	137-1	20.38	20.68	20.50	20.52	0.73	ppb
Beryllium	9-1	0.15	0.11	0.14	0.13	14.43	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	5.32	4.40	4.02	4.58	14.60	ppb
Boron	11-1	5.47	4.94	4.83	5.08	6.70	ppb
Cadmium	111-1	-0.02	-0.06	-0.11	-0.06		ppb
Cadmium	106-1	-1.57	-2.12	-2.82	-2.17		ppb
Cadmium	108-1	0.03	0.00	0.06	0.03	99.17	ppb
Calcium	43-1	808.41	806.82	850.22	821.81	2.99	ppb
Calcium	44-1	801.96	803.77	808.69	804.81	0.43	ppb
Chromium	52-2	1.82	1.85	1.61	1.76	7.35	ppb
Cobalt	59-2	1.23	1.17	1.20	1.20	2.60	ppb
Copper	63-2	3.65	3.83	3.82	3.77	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	2274.61	2317.72	2314.15	2302.16	1.04	ppb
Iron	57-2	2271.90	2315.08	2296.64	2294.54	0.94	ppb
Lead	206-1	22.13	21.75	21.45	21.77	1.57	ppb
Lead	207-1	19.51	19.81	19.59	19.64	0.81	ppb
Lead	208-1	20.77	20.63	20.50	20.63	0.65	ppb
Lithium	6-1				100		%
Magnesium	24-2	395.34	418.42	438.12	417.30	5.13	ppb
Manganese	55-2	90.62	94.91	96.53	94.02	3.25	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:52:25	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.34	0.25	0.31	16.52	ppb
Molybdenum	95-1	0.34	0.36	0.32	0.34	7.06	ppb
Molybdenum	96-1	0.38	0.32	0.34	0.34	9.21	ppb
Molybdenum	97-1	0.42	0.32	0.32	0.35	15.18	ppb
Molybdenum	98-1	0.38	0.34	0.43	0.38	11.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.50	2.88	2.38	2.59	9.99	ppb
Phosphorus	31-2	92.96	116.09	53.36	87.47	36.27	ppb
Potassium	39-2	117.58	101.96	124.23	114.59	9.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	5.12	10.31	31.20	15.54	88.80	ppb
Selenium	78-2	1.93	1.12	1.13	1.39	33.48	ppb
Selenium	82-1	-0.83	0.02	-0.54	-0.45		ppb
Silicon	28-1	68.68	83.95	78.55	77.06	10.05	ppb
Silver	109-1	0.05	0.05	0.05	0.05	1.00	ppb
Silver	107-1	0.05	0.05	0.04	0.05	14.26	ppb
Sodium	23-2	34.67	33.85	34.79	34.43	1.49	ppb
Strontium	86-1	1.46	1.30	1.49	1.42	7.15	ppb
Strontium	88-1	1.53	1.43	1.52	1.49	3.42	ppb
Sulfur	34-1	-909.06	-1021.84	-967.11	-966.00		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.03	0.01	0.03	52.07	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	16.69	ppb
Tin	118-1	1.03	0.98	1.00	1.00	2.45	ppb
Titanium	47-1	4.76	4.37	4.54	4.56	4.25	ppb
Uranium	238-1	0.11	0.11	0.10	0.11	8.85	ppb
Vanadium	51-2	3.07	3.06	2.86	2.99	4.02	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	11.85	14.33	15.02	13.73	12.13	ppb
Zirconium	90-1	0.26	0.25	0.27	0.26	3.95	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:52:25	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.21	0.30	0.27	17.85	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:55:33	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	719.27	690.35	778.66	729.43	6.17	ppb
Antimony	121-1	0.28	0.28	0.27	0.28	0.93	ppb
Arsenic	75-2	1.47	1.17	1.21	1.28	12.70	ppb
Barium	135-1	17.67	17.52	17.16	17.45	1.51	ppb
Barium	137-1	17.67	17.66	17.20	17.51	1.53	ppb
Beryllium	9-1	0.09	0.09	0.10	0.09	9.58	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	4.63	3.82	4.12	4.19	9.77	ppb
Boron	11-1	3.80	3.78	4.00	3.86	3.19	ppb
Cadmium	111-1	0.01	0.01	0.01	0.01	23.40	ppb
Cadmium	106-1	-1.71	-1.59	-1.66	-1.66		ppb
Cadmium	108-1	0.09	-0.09	0.00	0.00	9062.17	ppb
Calcium	43-1	2941.97	2969.50	2969.44	2960.30	0.54	ppb
Calcium	44-1	2919.36	2928.24	2956.44	2934.68	0.66	ppb
Chromium	52-2	3.55	3.76	3.44	3.59	4.54	ppb
Cobalt	59-2	0.83	0.92	0.89	0.88	5.05	ppb
Copper	63-2	4.74	4.55	4.52	4.60	2.56	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				108		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	2178.90	2239.20	2235.35	2217.81	1.52	ppb
Iron	57-2	2136.00	2222.04	2190.29	2182.78	1.99	ppb
Lead	206-1	36.95	36.25	37.31	36.84	1.46	ppb
Lead	207-1	34.05	33.89	34.02	33.99	0.25	ppb
Lead	208-1	35.53	35.17	35.72	35.47	0.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	1027.93	1028.44	996.43	1017.60	1.80	ppb
Manganese	55-2	65.36	65.76	64.62	65.25	0.89	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:55:33	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.36	0.34	0.31	0.34	6.43	ppb
Molybdenum	95-1	0.59	0.48	0.45	0.51	14.53	ppb
Molybdenum	96-1	0.44	0.48	0.48	0.47	5.66	ppb
Molybdenum	97-1	0.52	0.53	0.63	0.56	10.58	ppb
Molybdenum	98-1	0.55	0.52	0.55	0.54	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.03	3.76	4.14	3.98	4.89	ppb
Phosphorus	31-2	135.03	95.73	137.20	122.65	19.03	ppb
Potassium	39-2	103.66	128.54	128.45	120.22	11.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.00	10.31	0.00	3.44	173.21	ppb
Selenium	78-2	-0.53	-0.53	0.28	-0.26		ppb
Selenium	82-1	-0.16	-0.57	0.15	-0.19		ppb
Silicon	28-1	55.56	84.07	71.16	70.27	20.32	ppb
Silver	109-1	0.05	0.04	0.05	0.05	8.64	ppb
Silver	107-1	0.04	0.05	0.04	0.04	6.60	ppb
Sodium	23-2	29.09	27.26	21.29	25.88	15.77	ppb
Strontium	86-1	2.99	2.86	2.87	2.91	2.38	ppb
Strontium	88-1	3.15	3.08	3.04	3.09	1.74	ppb
Sulfur	34-1	-1120.22	-1016.30	-928.43	-1021.65		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.03	0.02	30.03	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	19.77	ppb
Tin	118-1	0.61	0.64	0.62	0.62	2.62	ppb
Titanium	47-1	6.88	6.84	6.84	6.85	0.41	ppb
Uranium	238-1	0.09	0.09	0.10	0.09	9.45	ppb
Vanadium	51-2	2.71	2.79	2.53	2.68	4.84	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	27.65	28.53	27.23	27.80	2.38	ppb
Zirconium	90-1	0.21	0.22	0.22	0.22	1.80	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:55:33	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.21	0.20	0.21	5.60	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:58:41	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1007.78	1035.75	1132.70	1058.75	6.19	ppb
Antimony	121-1	0.50	0.52	0.53	0.51	2.46	ppb
Arsenic	75-2	2.36	1.73	1.80	1.96	17.69	ppb
Barium	135-1	19.06	18.90	19.68	19.21	2.13	ppb
Barium	137-1	19.71	19.37	19.56	19.55	0.87	ppb
Beryllium	9-1	0.09	0.13	0.19	0.14	34.24	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	3.15	3.67	3.95	3.59	11.22	ppb
Boron	11-1	3.07	3.24	3.25	3.19	3.26	ppb
Cadmium	111-1	0.00	0.04	0.07	0.04	106.48	ppb
Cadmium	106-1	-2.45	-1.98	-1.37	-1.93		ppb
Cadmium	108-1	0.24	0.18	0.18	0.20	17.68	ppb
Calcium	43-1	1838.34	1800.14	1834.03	1824.17	1.15	ppb
Calcium	44-1	1850.64	1843.66	1865.40	1853.23	0.60	ppb
Chromium	52-2	2.86	2.68	2.58	2.70	5.29	ppb
Cobalt	59-2	1.03	1.05	1.05	1.04	1.35	ppb
Copper	63-2	431.71	431.19	420.54	427.82	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	2984.64	2978.63	2906.19	2956.49	1.48	ppb
Iron	57-2	2771.52	2903.53	2845.87	2840.30	2.33	ppb
Lead	206-1	64.08	62.67	63.64	63.46	1.14	ppb
Lead	207-1	56.02	55.00	55.85	55.63	0.98	ppb
Lead	208-1	59.67	58.47	59.25	59.13	1.03	ppb
Lithium	6-1				100		%
Magnesium	24-2	767.00	780.84	753.52	767.12	1.78	ppb
Manganese	55-2	49.31	46.70	48.65	48.22	2.81	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:58:41	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.39	0.39	0.39	0.97	ppb
Molybdenum	95-1	0.34	0.41	0.36	0.37	9.92	ppb
Molybdenum	96-1	0.38	0.44	0.34	0.39	13.53	ppb
Molybdenum	97-1	0.40	0.39	0.40	0.40	2.36	ppb
Molybdenum	98-1	0.38	0.34	0.37	0.36	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.34	3.06	2.99	3.13	5.87	ppb
Phosphorus	31-2	54.31	117.69	74.04	82.01	39.55	ppb
Potassium	39-2	95.84	90.41	74.10	86.78	13.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	0.00	5.02	15.34	6.79	115.21	ppb
Selenium	78-2	0.30	1.89	1.93	1.37	67.71	ppb
Selenium	82-1	0.42	-0.32	-0.41	-0.10		ppb
Silicon	28-1	105.57	115.55	136.08	119.07	13.07	ppb
Silver	109-1	0.06	0.07	0.07	0.07	5.67	ppb
Silver	107-1	0.07	0.08	0.05	0.07	24.45	ppb
Sodium	23-2	25.30	27.89	31.76	28.32	11.48	ppb
Strontium	86-1	2.21	2.17	2.35	2.24	4.12	ppb
Strontium	88-1	2.32	2.29	2.31	2.31	0.56	ppb
Sulfur	34-1	-949.73	-963.73	-859.17	-924.21		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.48	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.08	ppb
Tin	118-1	19.88	19.67	20.20	19.92	1.36	ppb
Titanium	47-1	7.29	6.07	6.28	6.55	10.01	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	2.45	ppb
Vanadium	51-2	3.02	3.11	3.21	3.11	2.97	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	65.16	65.18	64.35	64.90	0.73	ppb
Zirconium	90-1	0.37	0.40	0.40	0.39	4.03	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:58:41	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.43	0.36	0.33	0.37	13.67	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:01:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	752.83	788.74	771.71	771.09	2.33	ppb
Antimony	121-1	0.20	0.21	0.18	0.19	8.49	ppb
Arsenic	75-2	2.18	2.66	2.72	2.52	11.58	ppb
Barium	135-1	19.42	19.64	20.01	19.69	1.51	ppb
Barium	137-1	19.69	19.97	19.68	19.78	0.86	ppb
Beryllium	9-1	0.12	0.15	0.10	0.13	22.15	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	1.96	2.66	2.56	2.39	15.88	ppb
Boron	11-1	2.38	2.61	2.34	2.44	5.93	ppb
Cadmium	111-1	0.01	0.00	-0.05	-0.01		ppb
Cadmium	106-1	-2.00	-2.23	-2.82	-2.35		ppb
Cadmium	108-1	0.11	0.12	0.11	0.11	0.80	ppb
Calcium	43-1	2335.34	2285.38	2342.15	2320.96	1.34	ppb
Calcium	44-1	2330.72	2336.80	2333.98	2333.83	0.13	ppb
Chromium	52-2	2.31	2.45	2.57	2.44	5.23	ppb
Cobalt	59-2	0.89	0.83	0.85	0.86	3.50	ppb
Copper	63-2	8.72	8.65	8.75	8.71	0.56	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				109		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	3585.07	3583.45	3561.44	3576.65	0.37	ppb
Iron	57-2	3481.15	3435.25	3499.81	3472.07	0.96	ppb
Lead	206-1	22.59	23.35	22.82	22.92	1.70	ppb
Lead	207-1	20.68	21.21	20.77	20.89	1.35	ppb
Lead	208-1	21.64	22.15	21.68	21.82	1.31	ppb
Lithium	6-1				103		%
Magnesium	24-2	894.56	916.31	908.17	906.35	1.21	ppb
Manganese	55-2	55.54	55.25	52.77	54.52	2.80	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:01:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.37	0.35	0.35	4.95	ppb
Molybdenum	95-1	0.66	0.68	0.64	0.66	3.12	ppb
Molybdenum	96-1	0.57	0.62	0.59	0.59	4.14	ppb
Molybdenum	97-1	0.61	0.72	0.59	0.64	10.66	ppb
Molybdenum	98-1	0.66	0.62	0.61	0.63	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.27	3.78	3.36	3.47	7.85	ppb
Phosphorus	31-2	130.97	255.22	152.65	179.61	36.95	ppb
Potassium	39-2	109.02	113.26	106.22	109.50	3.24	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	15.34	5.11	173.21	ppb
Selenium	78-2	-0.53	0.27	0.29	0.01	5304.86	ppb
Selenium	82-1	-1.34	-0.83	-0.66	-0.95		ppb
Silicon	28-1	76.11	90.09	67.81	78.01	14.44	ppb
Silver	109-1	0.05	0.05	0.05	0.05	9.12	ppb
Silver	107-1	0.05	0.04	0.05	0.05	20.74	ppb
Sodium	23-2	16.24	12.63	14.44	14.44	12.49	ppb
Strontium	86-1	2.71	3.03	2.86	2.87	5.50	ppb
Strontium	88-1	2.81	2.94	2.91	2.89	2.29	ppb
Sulfur	34-1	-1067.77	-1086.14	-875.44	-1009.78		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	14.31	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	29.45	ppb
Tin	118-1	0.54	0.60	0.62	0.59	7.10	ppb
Titanium	47-1	4.26	4.35	4.12	4.24	2.70	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	1.67	ppb
Vanadium	51-2	2.48	2.60	2.50	2.53	2.40	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	40.60	38.48	38.95	39.35	2.83	ppb
Zirconium	90-1	0.22	0.21	0.22	0.22	3.39	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:01:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.21	0.25	0.22	10.59	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:04:58	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	819.55	821.39	811.85	817.59	0.62	ppb
Antimony	121-1	0.22	0.19	0.19	0.20	10.33	ppb
Arsenic	75-2	2.43	2.34	2.05	2.27	8.79	ppb
Barium	135-1	20.02	19.96	20.39	20.13	1.15	ppb
Barium	137-1	21.07	20.29	19.94	20.43	2.81	ppb
Beryllium	9-1	0.09	0.11	0.08	0.09	12.65	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	2.21	2.02	1.84	2.02	9.17	ppb
Boron	11-1	1.77	1.95	1.62	1.78	9.30	ppb
Cadmium	111-1	-0.02	-0.02	0.11	0.02	339.47	ppb
Cadmium	106-1	-2.78	-1.65	-1.52	-1.98		ppb
Cadmium	108-1	0.15	0.20	0.00	0.12	89.63	ppb
Calcium	43-1	2497.43	2398.09	2394.41	2429.98	2.41	ppb
Calcium	44-1	2475.42	2395.82	2452.25	2441.16	1.68	ppb
Chromium	52-2	1.90	2.12	1.99	2.00	5.64	ppb
Cobalt	59-2	0.86	0.94	0.92	0.91	4.97	ppb
Copper	63-2	7.95	8.13	8.17	8.08	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	3304.93	3370.70	3365.54	3347.06	1.09	ppb
Iron	57-2	3210.11	3178.65	3209.47	3199.41	0.56	ppb
Lead	206-1	24.91	24.53	24.51	24.65	0.91	ppb
Lead	207-1	22.66	22.25	22.03	22.32	1.43	ppb
Lead	208-1	23.77	23.18	23.36	23.44	1.31	ppb
Lithium	6-1				103		%
Magnesium	24-2	985.74	975.70	1019.18	993.54	2.29	ppb
Manganese	55-2	53.45	53.41	53.70	53.52	0.30	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:04:58	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.28	0.30	0.28	3.96	ppb
Molybdenum	95-1	0.36	0.36	0.41	0.38	8.10	ppb
Molybdenum	96-1	0.34	0.35	0.36	0.35	2.89	ppb
Molybdenum	97-1	0.44	0.37	0.40	0.40	9.38	ppb
Molybdenum	98-1	0.41	0.41	0.36	0.39	7.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.43	3.61	3.44	3.50	2.84	ppb
Phosphorus	31-2	113.61	241.60	114.47	156.56	47.04	ppb
Potassium	39-2	123.45	133.42	124.83	127.23	4.25	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.53	1.08	1.07	0.54	172.41	ppb
Selenium	82-1	-0.44	-0.98	-0.56	-0.66		ppb
Silicon	28-1	136.82	90.92	1010.74	412.83	125.55	ppb
Silver	109-1	0.05	0.06	0.04	0.05	15.04	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.88	ppb
Sodium	23-2	16.76	15.06	11.86	14.56	17.08	ppb
Strontium	86-1	2.75	2.75	2.76	2.75	0.30	ppb
Strontium	88-1	3.00	2.79	2.95	2.92	3.81	ppb
Sulfur	34-1	-1200.64	-1432.65	-1082.56	-1238.62		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.04	0.03	32.89	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	19.37	ppb
Tin	118-1	0.76	0.72	0.72	0.73	2.98	ppb
Titanium	47-1	4.28	4.42	3.78	4.16	8.11	ppb
Uranium	238-1	0.14	0.10	0.11	0.12	17.06	ppb
Vanadium	51-2	2.82	2.93	2.84	2.87	1.93	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	43.28	43.51	41.90	42.90	2.02	ppb
Zirconium	90-1	0.21	0.19	0.24	0.21	9.50	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:04:58	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.21	0.19	0.20	4.09	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:08:06	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	819.39	849.61	769.08	812.69	5.01	ppb
Antimony	121-1	0.17	0.18	0.15	0.17	9.73	ppb
Arsenic	75-2	1.32	1.22	1.05	1.20	11.40	ppb
Barium	135-1	13.54	13.10	13.09	13.24	1.96	ppb
Barium	137-1	13.21	13.13	13.38	13.24	0.98	ppb
Beryllium	9-1	0.01	0.08	0.07	0.06	70.56	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	1.46	0.50	0.63	0.86	60.27	ppb
Boron	11-1	1.11	1.41	1.42	1.31	13.22	ppb
Cadmium	111-1	-0.06	-0.13	-0.05	-0.08		ppb
Cadmium	106-1	-2.00	-2.65	-1.95	-2.20		ppb
Cadmium	108-1	0.06	0.09	0.06	0.07	24.45	ppb
Calcium	43-1	1525.88	1411.08	1489.96	1475.64	3.98	ppb
Calcium	44-1	1494.57	1501.29	1496.85	1497.57	0.23	ppb
Chromium	52-2	1.70	1.78	1.86	1.78	4.59	ppb
Cobalt	59-2	1.02	1.09	1.12	1.08	5.00	ppb
Copper	63-2	3.13	3.34	3.32	3.26	3.65	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				106		%
Indium	115-2				99		%
Iron	56-2	2037.50	2086.49	2156.02	2093.34	2.84	ppb
Iron	57-2	1977.50	2012.22	2174.16	2054.63	5.11	ppb
Lead	206-1	17.23	17.19	17.51	17.31	1.02	ppb
Lead	207-1	15.39	15.28	15.75	15.47	1.58	ppb
Lead	208-1	16.24	16.24	16.53	16.34	1.03	ppb
Lithium	6-1				102		%
Magnesium	24-2	542.27	535.33	576.69	551.43	4.02	ppb
Manganese	55-2	99.57	100.19	105.64	101.80	3.28	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:08:06	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.14	0.13	0.15	7.85	ppb
Molybdenum	95-1	0.22	0.20	0.19	0.21	7.18	ppb
Molybdenum	96-1	0.20	0.19	0.18	0.19	5.72	ppb
Molybdenum	97-1	0.22	0.24	0.24	0.24	6.95	ppb
Molybdenum	98-1	0.22	0.24	0.22	0.22	4.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	2.39	2.35	2.33	2.93	ppb
Phosphorus	31-2	30.26	174.93	97.12	100.77	71.85	ppb
Potassium	39-2	76.68	64.69	69.55	70.31	8.58	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	4.96	0.00	5.06	3.34	86.61	ppb
Selenium	78-2	1.06	2.66	1.09	1.60	57.38	ppb
Selenium	82-1	0.38	-0.54	-0.11	-0.09		ppb
Silicon	28-1	66.55	58.29	63.33	62.72	6.64	ppb
Silver	109-1	0.02	0.03	0.03	0.03	19.39	ppb
Silver	107-1	0.03	0.03	0.03	0.03	5.06	ppb
Sodium	23-2	19.03	16.60	13.81	16.48	15.84	ppb
Strontium	86-1	1.66	1.93	1.50	1.70	13.06	ppb
Strontium	88-1	1.79	1.79	1.75	1.78	1.22	ppb
Sulfur	34-1	-1164.97	-1229.68	-1409.25	-1267.97		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.02	0.03	32.48	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	22.96	ppb
Tin	118-1	1.45	1.50	1.45	1.47	1.90	ppb
Titanium	47-1	9.84	9.93	11.64	10.47	9.68	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	1.80	ppb
Vanadium	51-2	2.60	2.52	2.86	2.66	6.78	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	17.20	15.78	17.13	16.71	4.78	ppb
Zirconium	90-1	0.13	0.15	0.14	0.14	6.85	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:08:06	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.12	0.26	0.17	47.09	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:11:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	745.05	776.10	737.35	752.83	2.72	ppb
Antimony	121-1	0.14	0.16	0.17	0.16	9.29	ppb
Arsenic	75-2	1.56	1.58	1.57	1.57	0.77	ppb
Barium	135-1	21.28	21.63	21.44	21.45	0.82	ppb
Barium	137-1	21.91	21.60	21.44	21.65	1.10	ppb
Beryllium	9-1	0.08	0.06	0.05	0.06	28.30	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	0.75	1.13	0.93	0.94	20.38	ppb
Boron	11-1	0.89	0.91	0.84	0.88	4.26	ppb
Cadmium	111-1	-0.09	-0.01	0.01	-0.03		ppb
Cadmium	106-1	-2.79	-1.73	-1.16	-1.90		ppb
Cadmium	108-1	0.09	0.03	0.03	0.05	66.16	ppb
Calcium	43-1	1013.47	1082.82	1050.64	1048.97	3.31	ppb
Calcium	44-1	1039.24	1046.58	1034.99	1040.27	0.56	ppb
Chromium	52-2	2.07	2.03	1.94	2.01	3.20	ppb
Cobalt	59-2	1.09	1.08	1.12	1.10	1.87	ppb
Copper	63-2	3.40	3.60	3.43	3.48	3.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	2605.92	2581.87	2503.02	2563.60	2.10	ppb
Iron	57-2	2493.26	2590.26	2482.66	2522.06	2.35	ppb
Lead	206-1	42.40	42.15	41.65	42.06	0.91	ppb
Lead	207-1	36.75	36.49	36.24	36.50	0.70	ppb
Lead	208-1	39.37	39.16	39.06	39.20	0.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	404.26	408.33	421.32	411.30	2.17	ppb
Manganese	55-2	98.75	96.00	96.89	97.21	1.45	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:11:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.21	0.19	0.20	5.92	ppb
Molybdenum	95-1	0.28	0.30	0.30	0.29	4.87	ppb
Molybdenum	96-1	0.28	0.27	0.27	0.27	2.44	ppb
Molybdenum	97-1	0.27	0.28	0.27	0.27	2.09	ppb
Molybdenum	98-1	0.31	0.27	0.31	0.30	7.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.34	2.30	2.27	4.34	ppb
Phosphorus	31-2	174.02	281.91	172.84	209.59	29.88	ppb
Potassium	39-2	97.69	92.30	159.97	116.65	32.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	4.95	4.97	0.00	3.30	86.60	ppb
Selenium	78-2	3.44	1.06	2.68	2.39	50.81	ppb
Selenium	82-1	-0.16	0.16	-0.10	-0.03		ppb
Silicon	28-1	69.42	120.49	75.71	88.54	31.45	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.16	ppb
Silver	107-1	0.02	0.03	0.03	0.03	17.15	ppb
Sodium	23-2	14.15	10.65	17.49	14.10	24.27	ppb
Strontium	86-1	2.05	1.94	1.96	1.98	2.99	ppb
Strontium	88-1	2.10	2.13	2.07	2.10	1.27	ppb
Sulfur	34-1	-1301.64	-1308.42	-1372.65	-1327.57		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.04	0.03	0.03	29.56	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	9.55	ppb
Tin	118-1	0.84	0.80	0.89	0.84	5.56	ppb
Titanium	47-1	11.68	9.37	9.27	10.11	13.49	ppb
Uranium	238-1	0.09	0.08	0.08	0.08	7.20	ppb
Vanadium	51-2	2.81	2.64	2.64	2.70	3.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	26.34	25.70	26.05	26.03	1.23	ppb
Zirconium	90-1	0.17	0.19	0.19	0.18	4.83	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:11:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.18	0.16	0.17	8.53	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:14:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	802.99	768.94	742.56	771.50	3.93	ppb
Antimony	121-1	0.19	0.17	0.16	0.17	9.78	ppb
Arsenic	75-2	1.54	1.38	1.32	1.41	7.95	ppb
Barium	135-1	22.07	21.29	21.60	21.65	1.82	ppb
Barium	137-1	22.47	22.30	21.95	22.24	1.20	ppb
Beryllium	9-1	0.02	0.07	0.03	0.04	61.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	0.62	0.70	1.04	0.78	28.25	ppb
Boron	11-1	0.60	0.89	0.70	0.73	20.18	ppb
Cadmium	111-1	-0.02	-0.12	-0.05	-0.06		ppb
Cadmium	106-1	-1.60	-2.91	-2.08	-2.19		ppb
Cadmium	108-1	-0.05	0.12	0.04	0.04	244.66	ppb
Calcium	43-1	1086.26	1017.71	1037.05	1047.01	3.38	ppb
Calcium	44-1	1073.88	1025.60	1039.99	1046.49	2.37	ppb
Chromium	52-2	2.12	1.68	1.76	1.85	12.58	ppb
Cobalt	59-2	1.14	1.07	1.03	1.08	5.02	ppb
Copper	63-2	3.56	3.45	3.41	3.47	2.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2583.45	2529.66	2560.66	2557.92	1.06	ppb
Iron	57-2	2500.30	2509.18	2477.23	2495.57	0.66	ppb
Lead	206-1	43.10	42.25	41.68	42.34	1.68	ppb
Lead	207-1	36.66	36.62	36.00	36.43	1.01	ppb
Lead	208-1	39.68	39.32	38.86	39.29	1.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	414.19	399.52	395.57	403.09	2.43	ppb
Manganese	55-2	96.06	93.41	94.65	94.71	1.40	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:14:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.18	0.20	0.20	9.02	ppb
Molybdenum	95-1	0.27	0.26	0.29	0.27	5.33	ppb
Molybdenum	96-1	0.29	0.27	0.23	0.27	10.82	ppb
Molybdenum	97-1	0.22	0.24	0.22	0.23	4.99	ppb
Molybdenum	98-1	0.33	0.31	0.26	0.30	12.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.29	2.13	2.17	4.98	ppb
Phosphorus	31-2	72.61	152.68	272.63	165.97	60.65	ppb
Potassium	39-2	108.50	83.87	104.82	99.06	13.41	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	10.01	4.97	4.93	6.64	43.94	ppb
Selenium	78-2	0.27	1.86	-0.53	0.53	229.03	ppb
Selenium	82-1	-0.79	-0.13	-0.17	-0.36		ppb
Silicon	28-1	102.50	108.89	102.96	104.78	3.40	ppb
Silver	109-1	0.03	0.03	0.03	0.03	9.13	ppb
Silver	107-1	0.04	0.02	0.03	0.03	27.13	ppb
Sodium	23-2	14.73	15.02	12.69	14.15	8.98	ppb
Strontium	86-1	2.20	2.08	2.04	2.11	3.98	ppb
Strontium	88-1	2.16	2.07	2.09	2.11	2.28	ppb
Sulfur	34-1	-1282.57	-1539.73	-1170.33	-1330.88		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.03	0.05	0.04	27.12	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.66	ppb
Tin	118-1	0.86	0.90	0.79	0.85	6.54	ppb
Titanium	47-1	10.35	9.35	9.76	9.82	5.11	ppb
Uranium	238-1	0.08	0.07	0.07	0.07	9.01	ppb
Vanadium	51-2	2.71	2.55	2.45	2.57	5.00	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	25.58	26.47	25.80	25.95	1.79	ppb
Zirconium	90-1	0.18	0.14	0.16	0.16	12.78	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:14:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.13	0.14	0.14	5.31	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LDLX100	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	100
Date & Time Acquired ::	2017-09-01 14:17:33	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	144.46	135.78	144.94	141.73	3.64	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	17.26	ppb
Arsenic	75-2	0.38	0.14	0.20	0.24	52.29	ppb
Barium	135-1	4.29	4.10	4.21	4.20	2.28	ppb
Barium	137-1	4.13	4.16	4.25	4.18	1.48	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	107.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	0.94	0.93	0.18	0.69	63.50	ppb
Boron	11-1	0.47	0.40	0.87	0.58	43.71	ppb
Cadmium	111-1	-0.16	-0.10	-0.13	-0.13		ppb
Cadmium	106-1	-2.33	-1.76	-2.18	-2.09		ppb
Cadmium	108-1	-0.06	-0.12	-0.09	-0.09		ppb
Calcium	43-1	200.95	215.17	217.74	211.28	4.28	ppb
Calcium	44-1	206.37	206.57	210.71	207.89	1.18	ppb
Chromium	52-2	0.39	0.42	0.38	0.40	5.04	ppb
Cobalt	59-2	0.23	0.19	0.25	0.22	12.34	ppb
Copper	63-2	0.72	0.72	0.67	0.70	4.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	481.98	485.44	491.93	486.45	1.04	ppb
Iron	57-2	480.51	470.27	489.32	480.03	1.99	ppb
Lead	206-1	8.25	8.20	8.05	8.17	1.24	ppb
Lead	207-1	7.22	7.06	7.07	7.12	1.29	ppb
Lead	208-1	7.74	7.59	7.53	7.62	1.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	79.33	73.42	83.84	78.87	6.63	ppb
Manganese	55-2	19.06	17.53	18.21	18.26	4.19	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LDLX100	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	100
Date & Time Acquired ::	2017-09-01 14:17:33	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.03	0.03	22.97	ppb
Molybdenum	95-1	0.04	0.06	0.03	0.04	32.12	ppb
Molybdenum	96-1	0.04	0.02	0.04	0.03	24.70	ppb
Molybdenum	97-1	0.02	0.07	0.04	0.04	49.48	ppb
Molybdenum	98-1	0.05	0.04	0.06	0.05	23.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.38	0.26	0.28	29.09	ppb
Phosphorus	31-2	-10.20	30.32	72.70	30.94	133.98	ppb
Potassium	39-2	2.81	22.08	30.19	18.36	76.62	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	10.02	3.34	173.21	ppb
Selenium	78-2	2.65	-0.53	0.27	0.79	208.17	ppb
Selenium	82-1	-0.74	-0.38	-0.70	-0.61		ppb
Silicon	28-1	-6.93	-3.73	-6.14	-5.60		ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.70	ppb
Silver	107-1	0.01	0.02	0.01	0.01	20.45	ppb
Sodium	23-2	4.47	8.60	9.86	7.65	36.87	ppb
Strontium	86-1	0.37	0.37	0.28	0.34	14.80	ppb
Strontium	88-1	0.41	0.41	0.41	0.41	0.55	ppb
Sulfur	34-1	-1412.96	-1366.81	-1475.20	-1418.32		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.02	0.01	14.73	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.62	ppb
Tin	118-1	0.15	0.19	0.18	0.17	12.88	ppb
Titanium	47-1	1.81	1.71	1.77	1.76	2.99	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.57	ppb
Vanadium	51-2	0.42	0.48	0.55	0.49	13.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	5.06	4.77	4.31	4.71	7.99	ppb
Zirconium	90-1	0.04	0.09	0.03	0.05	60.29	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LDLX100	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	100
Date & Time Acquired ::	2017-09-01 14:17:33	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.02	0.03	66.59	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:20:41	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	747.39	759.50	833.29	780.06	5.96	ppb
Antimony	121-1	1.11	1.14	1.12	1.12	1.47	ppb
Arsenic	75-2	2.36	2.16	1.90	2.14	10.76	ppb
Barium	135-1	40.95	39.85	39.65	40.15	1.74	ppb
Barium	137-1	40.27	40.26	39.92	40.15	0.50	ppb
Beryllium	9-1	0.61	0.53	0.50	0.55	9.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	0.52	0.91	0.33	0.59	49.97	ppb
Boron	11-1	0.84	1.12	0.78	0.91	20.12	ppb
Cadmium	111-1	0.38	0.37	0.43	0.39	7.48	ppb
Cadmium	106-1	-1.78	-1.84	-1.50	-1.71		ppb
Cadmium	108-1	0.28	0.72	0.61	0.54	43.18	ppb
Calcium	43-1	1074.23	1046.53	1005.81	1042.19	3.30	ppb
Calcium	44-1	1035.14	1023.63	1026.63	1028.47	0.58	ppb
Chromium	52-2	3.54	3.82	3.88	3.75	4.84	ppb
Cobalt	59-2	5.63	5.91	5.87	5.80	2.58	ppb
Copper	63-2	5.59	5.87	6.02	5.83	3.76	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				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	2522.19	2588.58	2569.51	2560.09	1.34	ppb
Iron	57-2	2546.69	2465.53	2462.76	2491.66	1.91	ppb
Lead	206-1	40.79	41.81	41.52	41.37	1.27	ppb
Lead	207-1	35.42	35.94	35.91	35.76	0.82	ppb
Lead	208-1	38.09	38.99	38.67	38.58	1.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	377.18	427.93	394.71	399.94	6.44	ppb
Manganese	55-2	99.03	98.33	97.89	98.41	0.58	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:20:41	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.17	0.21	0.20	11.32	ppb
Molybdenum	95-1	0.30	0.27	0.27	0.28	7.56	ppb
Molybdenum	96-1	0.25	0.27	0.29	0.27	7.13	ppb
Molybdenum	97-1	0.29	0.31	0.35	0.32	9.35	ppb
Molybdenum	98-1	0.28	0.31	0.30	0.30	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.81	6.98	7.01	6.93	1.54	ppb
Phosphorus	31-2	192.74	218.40	212.50	207.88	6.47	ppb
Potassium	39-2	102.85	110.49	94.48	102.61	7.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	9.94	15.00	5.00	9.98	50.11	ppb
Selenium	78-2	2.65	1.07	1.87	1.86	42.49	ppb
Selenium	82-1	0.91	0.74	-0.02	0.54	91.81	ppb
Silicon	28-1	67.18	72.74	61.44	67.12	8.42	ppb
Silver	109-1	0.43	0.40	0.43	0.42	4.40	ppb
Silver	107-1	0.46	0.42	0.40	0.43	7.50	ppb
Sodium	23-2	14.06	12.10	47.23	24.46	80.70	ppb
Strontium	86-1	2.08	1.84	2.10	2.00	7.30	ppb
Strontium	88-1	2.09	2.07	2.07	2.07	0.58	ppb
Sulfur	34-1	-1001.72	-1501.33	-1337.26	-1280.10		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.45	0.51	0.51	0.49	7.31	ppb
Thallium	205-1	0.46	0.53	0.45	0.48	9.30	ppb
Tin	118-1	0.79	0.84	0.78	0.80	4.07	ppb
Titanium	47-1	9.62	11.99	11.24	10.95	11.05	ppb
Uranium	238-1	0.08	0.07	0.08	0.08	7.30	ppb
Vanadium	51-2	7.07	7.11	7.02	7.06	0.69	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	29.68	30.86	29.64	30.06	2.30	ppb
Zirconium	90-1	0.16	0.14	0.16	0.15	5.57	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:20:41	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.11	0.13	0.13	10.88	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:23:49	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	676.40	639.06	548.42	621.29	10.59	ppb
Antimony	121-1	0.19	0.16	0.17	0.18	7.30	ppb
Arsenic	75-2	0.98	0.83	1.07	0.96	12.71	ppb
Barium	135-1	9.37	9.45	9.88	9.56	2.87	ppb
Barium	137-1	9.86	9.84	9.79	9.83	0.35	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	10.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	1.55	1.10	1.25	1.30	17.82	ppb
Boron	11-1	0.63	0.77	0.99	0.80	22.74	ppb
Cadmium	111-1	-0.10	-0.02	-0.03	-0.05		ppb
Cadmium	106-1	-2.52	-1.36	-1.62	-1.83		ppb
Cadmium	108-1	-0.09	-0.12	0.18	-0.01		ppb
Calcium	43-1	2522.57	2651.40	2554.03	2576.00	2.61	ppb
Calcium	44-1	2586.75	2573.82	2559.05	2573.21	0.54	ppb
Chromium	52-2	1.72	1.38	1.78	1.62	13.39	ppb
Cobalt	59-2	0.95	0.86	0.91	0.91	4.97	ppb
Copper	63-2	3.15	3.04	3.03	3.08	2.17	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				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	1762.11	1729.81	1761.88	1751.27	1.06	ppb
Iron	57-2	1712.52	1733.09	1758.89	1734.83	1.34	ppb
Lead	206-1	12.81	12.42	12.67	12.63	1.55	ppb
Lead	207-1	11.80	11.35	11.52	11.56	1.99	ppb
Lead	208-1	12.14	11.95	12.07	12.05	0.80	ppb
Lithium	6-1				99		%
Magnesium	24-2	1079.90	1089.22	1094.46	1087.86	0.68	ppb
Manganese	55-2	72.31	74.06	72.65	73.01	1.27	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:23:49	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.15	0.16	0.16	3.12	ppb
Molybdenum	95-1	0.23	0.23	0.20	0.22	7.21	ppb
Molybdenum	96-1	0.22	0.21	0.22	0.21	3.38	ppb
Molybdenum	97-1	0.20	0.18	0.19	0.19	6.40	ppb
Molybdenum	98-1	0.22	0.21	0.22	0.22	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.81	2.07	1.87	1.92	7.07	ppb
Phosphorus	31-2	-10.20	50.81	94.02	44.87	116.69	ppb
Potassium	39-2	84.74	89.85	77.65	84.08	7.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	5.05	0.00	5.05	3.37	86.60	ppb
Selenium	78-2	-0.53	0.28	0.28	0.01	6969.16	ppb
Selenium	82-1	-0.31	0.11	-1.20	-0.47		ppb
Silicon	28-1	72.09	95.14	66.56	77.93	19.45	ppb
Silver	109-1	0.03	0.04	0.03	0.03	11.85	ppb
Silver	107-1	0.03	0.02	0.03	0.03	22.62	ppb
Sodium	23-2	12.88	9.81	13.66	12.12	16.81	ppb
Strontium	86-1	2.34	2.22	2.15	2.23	4.21	ppb
Strontium	88-1	2.33	2.41	2.38	2.37	1.55	ppb
Sulfur	34-1	-1130.06	-1285.12	-1331.03	-1248.74		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.03	0.02	0.02	27.69	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	29.23	ppb
Tin	118-1	0.26	0.26	0.26	0.26	1.52	ppb
Titanium	47-1	9.47	9.08	9.08	9.21	2.45	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	3.09	ppb
Vanadium	51-2	2.18	2.32	2.32	2.27	3.64	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	11.78	10.23	11.98	11.33	8.44	ppb
Zirconium	90-1	0.14	0.14	0.11	0.13	11.82	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:23:49	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.11	0.12	0.12	3.57	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:26:59	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	707.59	688.61	714.12	703.44	1.88	ppb
Antimony	121-1	0.17	0.13	0.13	0.14	18.46	ppb
Arsenic	75-2	1.15	1.19	1.02	1.12	7.61	ppb
Barium	135-1	12.59	12.43	12.49	12.50	0.65	ppb
Barium	137-1	12.57	12.58	12.57	12.57	0.05	ppb
Beryllium	9-1	0.08	0.02	-0.01	0.03	161.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	0.92	0.50	0.79	0.74	29.06	ppb
Boron	11-1	0.30	0.34	0.30	0.31	8.18	ppb
Cadmium	111-1	-0.10	-0.09	-0.07	-0.09		ppb
Cadmium	106-1	-2.43	-2.45	-2.29	-2.39		ppb
Cadmium	108-1	0.09	0.13	-0.03	0.06	122.81	ppb
Calcium	43-1	738.88	738.64	751.86	743.13	1.02	ppb
Calcium	44-1	756.19	758.31	736.23	750.24	1.62	ppb
Chromium	52-2	2.01	1.63	1.75	1.80	10.88	ppb
Cobalt	59-2	1.01	1.06	1.01	1.03	2.75	ppb
Copper	63-2	3.30	3.24	3.69	3.41	7.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	1882.78	1901.81	1909.35	1897.98	0.72	ppb
Iron	57-2	1840.52	1828.58	1898.34	1855.81	2.01	ppb
Lead	206-1	14.05	13.91	13.94	13.97	0.53	ppb
Lead	207-1	12.52	12.75	12.64	12.64	0.91	ppb
Lead	208-1	13.24	13.29	13.22	13.25	0.26	ppb
Lithium	6-1				99		%
Magnesium	24-2	399.12	397.12	394.23	396.82	0.62	ppb
Manganese	55-2	98.85	100.13	99.07	99.35	0.69	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:26:59	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.17	0.17	0.17	0.57	ppb
Molybdenum	95-1	0.23	0.26	0.23	0.24	7.40	ppb
Molybdenum	96-1	0.22	0.21	0.22	0.22	3.50	ppb
Molybdenum	97-1	0.23	0.23	0.25	0.24	4.72	ppb
Molybdenum	98-1	0.23	0.25	0.27	0.25	8.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.20	2.13	2.14	2.28	ppb
Phosphorus	31-2	132.39	134.56	31.34	99.43	59.31	ppb
Potassium	39-2	74.58	59.98	76.32	70.29	12.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	4.98	0.00	0.00	1.66	173.21	ppb
Selenium	78-2	-0.53	1.07	0.28	0.27	293.47	ppb
Selenium	82-1	-0.19	0.28	-0.08	0.00	7315.21	ppb
Silicon	28-1	67.64	139.70	97.95	101.76	35.55	ppb
Silver	109-1	0.02	0.02	0.02	0.02	19.88	ppb
Silver	107-1	0.03	0.02	0.02	0.02	14.32	ppb
Sodium	23-2	14.24	15.83	4.23	11.43	55.00	ppb
Strontium	86-1	1.12	0.97	1.11	1.07	8.04	ppb
Strontium	88-1	1.18	1.25	1.19	1.20	3.12	ppb
Sulfur	34-1	-1394.77	-1216.37	-1407.55	-1339.56		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.01	0.02	0.02	43.59	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.63	ppb
Tin	118-1	0.33	0.41	0.40	0.38	10.92	ppb
Titanium	47-1	9.48	9.33	9.35	9.39	0.84	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	8.45	ppb
Vanadium	51-2	2.30	2.37	2.34	2.34	1.60	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	16.24	17.04	15.54	16.27	4.61	ppb
Zirconium	90-1	0.13	0.12	0.13	0.13	5.19	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:26:59	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.13	0.13	0.13	7.04	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:30:08	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	703.93	799.76	721.55	741.75	6.88	ppb
Antimony	121-1	0.24	0.24	0.27	0.25	6.35	ppb
Arsenic	75-2	1.10	1.04	1.38	1.17	15.64	ppb
Barium	135-1	11.24	11.37	11.20	11.27	0.77	ppb
Barium	137-1	11.40	11.23	11.08	11.24	1.42	ppb
Beryllium	9-1	0.06	0.04	0.10	0.06	47.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	0.14	0.06	0.78	0.33	120.65	ppb
Boron	11-1	0.46	0.59	0.42	0.49	17.34	ppb
Cadmium	111-1	-0.10	0.03	-0.14	-0.07		ppb
Cadmium	106-1	-2.07	-0.16	-2.26	-1.50		ppb
Cadmium	108-1	-0.09	0.10	0.06	0.02	404.91	ppb
Calcium	43-1	3276.33	3191.10	3268.77	3245.40	1.45	ppb
Calcium	44-1	3224.58	3249.35	3274.29	3249.40	0.76	ppb
Chromium	52-2	1.52	1.94	1.88	1.78	12.64	ppb
Cobalt	59-2	0.81	0.90	0.88	0.86	5.50	ppb
Copper	63-2	3.04	3.14	2.94	3.04	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	1906.01	1995.31	1931.37	1944.23	2.37	ppb
Iron	57-2	1867.77	1965.15	1927.34	1920.09	2.56	ppb
Lead	206-1	12.02	12.08	12.17	12.09	0.63	ppb
Lead	207-1	10.88	11.28	10.84	11.00	2.20	ppb
Lead	208-1	11.47	11.64	11.48	11.53	0.84	ppb
Lithium	6-1				101		%
Magnesium	24-2	1280.58	1368.77	1351.38	1333.58	3.50	ppb
Manganese	55-2	68.06	71.74	69.16	69.65	2.71	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:30:08	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.19	0.22	0.21	8.22	ppb
Molybdenum	95-1	0.20	0.20	0.19	0.19	3.20	ppb
Molybdenum	96-1	0.23	0.23	0.18	0.21	13.85	ppb
Molybdenum	97-1	0.19	0.25	0.20	0.21	14.67	ppb
Molybdenum	98-1	0.23	0.22	0.20	0.22	8.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.03	2.24	2.15	5.09	ppb
Phosphorus	31-2	188.75	94.27	71.34	118.12	52.68	ppb
Potassium	39-2	95.87	145.63	94.12	111.87	26.15	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	9.71	0.00	0.00	3.24	173.21	ppb
Selenium	78-2	1.02	0.25	0.25	0.51	86.77	ppb
Selenium	82-1	0.34	-0.73	-0.24	-0.21		ppb
Silicon	28-1	84.36	114.23	109.43	102.67	15.63	ppb
Silver	109-1	0.02	0.02	0.01	0.02	28.63	ppb
Silver	107-1	0.01	0.02	0.02	0.02	32.05	ppb
Sodium	23-2	6.45	17.55	14.87	12.95	44.71	ppb
Strontium	86-1	2.56	2.63	2.58	2.59	1.39	ppb
Strontium	88-1	2.77	2.85	2.71	2.78	2.58	ppb
Sulfur	34-1	-1458.30	-1352.34	-1534.27	-1448.30		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	16.09	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	38.91	ppb
Tin	118-1	0.75	0.25	0.24	0.41	71.49	ppb
Titanium	47-1	8.34	7.97	8.90	8.40	5.60	ppb
Uranium	238-1	0.07	0.06	0.08	0.07	12.61	ppb
Vanadium	51-2	2.64	2.58	2.59	2.60	1.32	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	10.07	9.36	8.07	9.17	11.06	ppb
Zirconium	90-1	0.20	0.19	0.20	0.20	2.64	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:30:08	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.18	0.18	0.19	7.52	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:33:16	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	612.06	633.19	712.88	652.71	8.15	ppb
Antimony	121-1	0.17	0.17	0.15	0.16	6.57	ppb
Arsenic	75-2	1.01	1.07	1.17	1.08	7.34	ppb
Barium	135-1	11.07	11.78	11.58	11.48	3.18	ppb
Barium	137-1	11.20	11.66	11.57	11.48	2.14	ppb
Beryllium	9-1	0.08	0.11	0.05	0.08	42.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	1.01	0.52	0.90	0.81	31.48	ppb
Boron	11-1	0.32	0.74	0.46	0.51	42.45	ppb
Cadmium	111-1	-0.06	-0.08	0.01	-0.04		ppb
Cadmium	106-1	-1.58	-1.97	-0.71	-1.42		ppb
Cadmium	108-1	0.08	0.00	-0.12	-0.01		ppb
Calcium	43-1	4407.42	4384.28	4283.44	4358.38	1.51	ppb
Calcium	44-1	4350.42	4533.95	4439.12	4441.17	2.07	ppb
Chromium	52-2	1.48	1.37	1.60	1.48	8.04	ppb
Cobalt	59-2	0.84	0.75	0.75	0.78	6.49	ppb
Copper	63-2	2.83	2.72	2.89	2.81	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	1852.39	1789.51	1855.26	1832.39	2.03	ppb
Iron	57-2	1851.88	1798.64	1836.78	1829.10	1.50	ppb
Lead	206-1	21.54	21.82	22.16	21.84	1.41	ppb
Lead	207-1	18.20	18.84	18.88	18.64	2.03	ppb
Lead	208-1	19.80	20.33	20.37	20.17	1.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	1747.33	1662.30	1705.64	1705.09	2.49	ppb
Manganese	55-2	75.56	71.55	74.52	73.88	2.82	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:33:16	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.19	0.18	0.18	0.47	ppb
Molybdenum	95-1	0.21	0.21	0.20	0.20	2.71	ppb
Molybdenum	96-1	0.24	0.22	0.21	0.22	6.20	ppb
Molybdenum	97-1	0.19	0.20	0.23	0.21	8.68	ppb
Molybdenum	98-1	0.20	0.20	0.22	0.21	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.47	2.55	2.48	2.50	1.81	ppb
Phosphorus	31-2	9.82	105.69	109.21	74.90	75.29	ppb
Potassium	39-2	71.40	67.99	102.08	80.49	23.32	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	0.00	4.81	9.86	4.89	100.81	ppb
Selenium	78-2	1.81	1.01	1.84	1.55	30.29	ppb
Selenium	82-1	-0.21	-0.02	-1.21	-0.48		ppb
Silicon	28-1	98.74	54.98	102.21	85.31	30.86	ppb
Silver	109-1	0.03	0.02	0.02	0.02	23.78	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.75	ppb
Sodium	23-2	11.15	12.07	12.19	11.80	4.83	ppb
Strontium	86-1	3.02	3.18	3.06	3.09	2.63	ppb
Strontium	88-1	3.18	3.30	3.53	3.34	5.43	ppb
Sulfur	34-1	-1471.05	-983.51	-1431.02	-1295.19		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.03	0.02	0.02	27.36	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.92	ppb
Tin	118-1	0.25	0.23	0.27	0.25	8.04	ppb
Titanium	47-1	6.92	7.38	6.32	6.88	7.74	ppb
Uranium	238-1	0.06	0.07	0.06	0.07	8.94	ppb
Vanadium	51-2	2.21	1.92	2.31	2.15	9.28	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	9.15	9.39	10.00	9.52	4.61	ppb
Zirconium	90-1	0.17	0.17	0.18	0.17	4.07	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:33:16	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.20	0.51	0.32	52.03	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:36:24	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	670.75	648.09	715.11	677.98	5.03	ppb
Antimony	121-1	0.19	0.18	0.17	0.18	6.62	ppb
Arsenic	75-2	1.35	1.15	1.31	1.27	8.11	ppb
Barium	135-1	11.35	11.37	11.46	11.40	0.51	ppb
Barium	137-1	11.84	11.87	11.36	11.69	2.46	ppb
Beryllium	9-1	0.04	0.09	0.08	0.07	43.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	1.55	0.02	0.74	0.77	98.94	ppb
Boron	11-1	0.62	0.62	0.71	0.65	7.61	ppb
Cadmium	111-1	-0.11	0.06	-0.09	-0.05		ppb
Cadmium	106-1	-3.13	-0.57	-2.48	-2.06		ppb
Cadmium	108-1	0.16	-0.03	0.31	0.15	114.87	ppb
Calcium	43-1	4115.09	4032.75	3953.74	4033.86	2.00	ppb
Calcium	44-1	4308.17	4069.13	4091.84	4156.38	3.17	ppb
Chromium	52-2	2.35	2.19	2.23	2.26	3.72	ppb
Cobalt	59-2	0.68	0.79	0.75	0.74	7.37	ppb
Copper	63-2	5.64	5.86	5.43	5.64	3.74	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				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	2091.20	2072.63	2052.38	2072.07	0.94	ppb
Iron	57-2	2042.83	2025.44	2049.69	2039.32	0.61	ppb
Lead	206-1	32.34	30.50	30.48	31.11	3.44	ppb
Lead	207-1	29.07	27.82	28.00	28.30	2.39	ppb
Lead	208-1	30.52	29.07	29.20	29.60	2.71	ppb
Lithium	6-1				98		%
Magnesium	24-2	1692.60	1698.87	1651.08	1680.85	1.55	ppb
Manganese	55-2	50.24	50.93	48.89	50.02	2.08	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:36:24	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.20	0.18	0.18	17.55	ppb
Molybdenum	95-1	0.20	0.20	0.19	0.20	4.03	ppb
Molybdenum	96-1	0.18	0.20	0.20	0.19	6.93	ppb
Molybdenum	97-1	0.21	0.21	0.22	0.21	2.47	ppb
Molybdenum	98-1	0.20	0.18	0.19	0.19	5.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.81	2.39	2.40	2.53	9.56	ppb
Phosphorus	31-2	35.28	77.05	110.53	74.28	50.75	ppb
Potassium	39-2	69.68	68.65	64.68	67.67	3.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	0.00	26.73	0.00	8.91	173.21	ppb
Selenium	78-2	3.04	3.75	3.46	3.41	10.44	ppb
Selenium	82-1	0.17	-0.47	-0.68	-0.32		ppb
Silicon	28-1	137.35	98.63	112.77	116.25	16.85	ppb
Silver	109-1	0.03	0.02	0.02	0.03	16.73	ppb
Silver	107-1	0.02	0.02	0.03	0.02	17.75	ppb
Sodium	23-2	19.48	19.06	13.52	17.35	19.17	ppb
Strontium	86-1	3.22	3.35	3.22	3.26	2.35	ppb
Strontium	88-1	3.46	3.39	3.36	3.40	1.49	ppb
Sulfur	34-1	-653.75	-1182.98	-299.31	-712.01		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.02	0.02	19.97	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	19.88	ppb
Tin	118-1	0.39	0.42	0.38	0.40	4.83	ppb
Titanium	47-1	4.31	4.35	4.19	4.29	2.00	ppb
Uranium	238-1	0.07	0.07	0.05	0.06	13.58	ppb
Vanadium	51-2	2.23	2.35	2.03	2.20	7.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	22.34	23.47	22.95	22.92	2.46	ppb
Zirconium	90-1	0.19	0.17	0.19	0.18	6.55	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:36:24	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.18	0.18	0.19	11.18	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:39:32	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	731.31	703.13	725.88	720.11	2.08	ppb
Antimony	121-1	0.33	0.30	0.30	0.31	4.85	ppb
Arsenic	75-2	1.61	1.54	1.34	1.50	9.36	ppb
Barium	135-1	12.00	13.29	13.02	12.77	5.34	ppb
Barium	137-1	12.31	12.84	13.00	12.72	2.84	ppb
Beryllium	9-1	0.08	0.09	0.02	0.07	56.91	ppb
Bismuth	209-1				105		%
Bismuth	209-2				92		%
Boron	10-1	0.00	0.62	0.30	0.31	100.80	ppb
Boron	11-1	0.58	0.62	0.57	0.59	4.50	ppb
Cadmium	111-1	-0.01	0.11	0.10	0.06	101.37	ppb
Cadmium	106-1	-2.09	-1.04	-0.98	-1.37		ppb
Cadmium	108-1	0.00	0.06	0.01	0.02	152.22	ppb
Calcium	43-1	3410.59	3606.36	3711.51	3576.16	4.27	ppb
Calcium	44-1	3524.40	3640.89	3724.23	3629.84	2.77	ppb
Chromium	52-2	1.49	1.88	1.54	1.64	12.64	ppb
Cobalt	59-2	0.61	0.75	0.72	0.69	11.16	ppb
Copper	63-2	3.79	3.93	3.90	3.87	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				92		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	56-2	2074.94	2067.81	2126.41	2089.72	1.53	ppb
Iron	57-2	2080.09	2062.06	2104.37	2082.18	1.02	ppb
Lead	206-1	24.01	25.25	25.66	24.97	3.43	ppb
Lead	207-1	22.19	22.80	23.45	22.81	2.77	ppb
Lead	208-1	23.05	23.80	24.35	23.73	2.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	1228.28	1223.45	1219.58	1223.77	0.36	ppb
Manganese	55-2	57.31	54.58	57.94	56.61	3.15	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:39:32	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.18	0.21	0.19	10.76	ppb
Molybdenum	95-1	0.20	0.24	0.22	0.22	9.48	ppb
Molybdenum	96-1	0.17	0.22	0.22	0.20	12.45	ppb
Molybdenum	97-1	0.21	0.26	0.24	0.24	12.25	ppb
Molybdenum	98-1	0.21	0.21	0.22	0.21	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	1.90	2.14	2.10	8.84	ppb
Phosphorus	31-2	12.07	152.27	34.25	66.20	113.84	ppb
Potassium	39-2	138.38	124.09	124.44	128.97	6.32	ppb
Rhodium	103-1				105		%
Rhodium	103-2				91		%
Scandium	45-1				103		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	10.76	3.59	173.21	ppb
Selenium	78-2	-0.53	0.39	1.19	0.35	247.97	ppb
Selenium	82-1	-0.32	-1.46	-0.40	-0.73		ppb
Silicon	28-1	67.33	83.80	88.37	79.84	13.86	ppb
Silver	109-1	0.02	0.02	0.03	0.02	40.21	ppb
Silver	107-1	0.02	0.02	0.03	0.03	31.39	ppb
Sodium	23-2	13.22	15.27	13.32	13.94	8.27	ppb
Strontium	86-1	2.62	2.78	2.71	2.70	2.95	ppb
Strontium	88-1	2.86	3.01	2.99	2.95	2.79	ppb
Sulfur	34-1	-1506.38	-1034.95	-733.15	-1091.49		ppb
Terbium	159-1				105		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.02	0.02	0.02	55.86	ppb
Thallium	205-1	0.02	0.02	0.03	0.03	8.67	ppb
Tin	118-1	0.64	0.74	0.70	0.69	6.66	ppb
Titanium	47-1	5.31	6.38	5.40	5.70	10.44	ppb
Uranium	238-1	0.06	0.07	0.06	0.07	4.68	ppb
Vanadium	51-2	2.57	2.61	2.70	2.63	2.64	ppb
Yttrium	89-1				104		%
Yttrium	89-2				90		%
Zinc	66-2	40.70	37.72	40.95	39.79	4.51	ppb
Zirconium	90-1	0.17	0.17	0.17	0.17	0.65	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:39:32	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.13	0.14	0.15	17.66	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:42:40	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	834.25	965.37	837.41	879.01	8.51	ppb
Antimony	121-1	0.24	0.24	0.24	0.24	1.67	ppb
Arsenic	75-2	1.42	1.68	1.58	1.56	8.33	ppb
Barium	135-1	20.50	20.20	20.67	20.46	1.18	ppb
Barium	137-1	20.88	20.72	20.92	20.84	0.50	ppb
Beryllium	9-1	0.12	0.10	0.03	0.09	51.85	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	0.45	0.49	0.66	0.53	20.54	ppb
Boron	11-1	0.34	0.50	0.42	0.42	19.63	ppb
Cadmium	111-1	-0.02	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-1.68	-1.60	-1.98	-1.75		ppb
Cadmium	108-1	-0.03	0.12	-0.03	0.02	382.01	ppb
Calcium	43-1	1657.67	1716.40	1732.99	1702.36	2.32	ppb
Calcium	44-1	1675.99	1687.00	1678.48	1680.49	0.34	ppb
Chromium	52-2	1.94	1.98	2.31	2.07	9.77	ppb
Cobalt	59-2	1.36	1.38	1.48	1.41	4.52	ppb
Copper	63-2	4.80	4.60	4.94	4.78	3.56	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				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	2577.68	2573.94	2586.76	2579.46	0.26	ppb
Iron	57-2	2509.71	2514.86	2472.70	2499.09	0.92	ppb
Lead	206-1	32.89	33.35	33.58	33.27	1.07	ppb
Lead	207-1	29.88	30.62	30.07	30.19	1.27	ppb
Lead	208-1	31.24	31.65	31.51	31.47	0.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	654.64	661.60	657.49	657.91	0.53	ppb
Manganese	55-2	91.39	92.59	96.63	93.54	2.94	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:42:40	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.16	0.19	0.17	8.66	ppb
Molybdenum	95-1	0.28	0.29	0.30	0.29	4.58	ppb
Molybdenum	96-1	0.26	0.24	0.24	0.25	5.58	ppb
Molybdenum	97-1	0.26	0.30	0.31	0.29	8.35	ppb
Molybdenum	98-1	0.29	0.29	0.32	0.30	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.21	3.33	3.32	3.29	2.01	ppb
Phosphorus	31-2	89.77	89.46	92.07	90.44	1.58	ppb
Potassium	39-2	86.33	93.78	71.33	83.82	13.64	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	4.96	1.65	173.21	ppb
Selenium	78-2	1.02	2.63	1.06	1.57	58.43	ppb
Selenium	82-1	-0.15	-0.29	-0.16	-0.20		ppb
Silicon	28-1	73.67	76.03	61.45	70.38	11.12	ppb
Silver	109-1	0.04	0.03	0.04	0.04	6.78	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.20	ppb
Sodium	23-2	11.17	4.84	9.27	8.43	38.50	ppb
Strontium	86-1	2.95	2.83	3.03	2.93	3.35	ppb
Strontium	88-1	3.05	3.04	3.14	3.07	1.89	ppb
Sulfur	34-1	-1354.85	-1264.88	-1156.99	-1258.91		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.05	0.04	28.95	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	20.47	ppb
Tin	118-1	2.16	2.14	2.08	2.13	1.80	ppb
Titanium	47-1	11.85	11.40	11.90	11.71	2.36	ppb
Uranium	238-1	0.09	0.09	0.08	0.09	4.84	ppb
Vanadium	51-2	3.35	3.06	3.03	3.15	5.70	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	30.49	29.36	30.81	30.22	2.51	ppb
Zirconium	90-1	0.25	0.13	0.11	0.16	47.18	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:42:40	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.09	0.18	0.13	33.37	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:45:49	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	900.10	930.65	932.94	921.23	1.99	ppb
Antimony	121-1	0.39	0.39	0.36	0.38	3.66	ppb
Arsenic	75-2	2.00	1.37	1.68	1.68	18.70	ppb
Barium	135-1	54.34	55.21	55.19	54.92	0.90	ppb
Barium	137-1	55.43	55.66	55.83	55.64	0.36	ppb
Beryllium	9-1	0.17	0.08	0.13	0.13	36.99	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	10-1	0.70	0.39	0.62	0.57	28.90	ppb
Boron	11-1	0.41	0.63	0.86	0.63	36.16	ppb
Cadmium	111-1	0.10	0.10	0.16	0.12	27.47	ppb
Cadmium	106-1	-1.80	-1.34	-1.33	-1.49		ppb
Cadmium	108-1	0.09	0.41	0.19	0.23	72.05	ppb
Calcium	43-1	1192.01	1220.34	1211.71	1208.02	1.20	ppb
Calcium	44-1	1210.24	1228.12	1252.15	1230.17	1.71	ppb
Chromium	52-2	2.63	2.60	2.28	2.50	7.79	ppb
Cobalt	59-2	1.30	1.38	1.20	1.29	6.79	ppb
Copper	63-2	7.88	7.84	7.60	7.78	1.97	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				103		%
Holmium	165-2				92		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	2323.41	2340.82	2304.67	2322.97	0.78	ppb
Iron	57-2	2302.28	2292.31	2237.95	2277.51	1.52	ppb
Lead	206-1	100.61	100.94	101.71	101.08	0.56	ppb
Lead	207-1	92.05	92.02	92.11	92.06	0.05	ppb
Lead	208-1	96.12	96.24	96.86	96.40	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	369.68	379.14	355.03	367.95	3.30	ppb
Manganese	55-2	108.23	107.74	105.61	107.19	1.30	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:45:49	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.16	0.13	0.14	14.19	ppb
Molybdenum	95-1	0.25	0.29	0.19	0.24	18.87	ppb
Molybdenum	96-1	0.27	0.20	0.21	0.23	17.14	ppb
Molybdenum	97-1	0.26	0.22	0.28	0.26	11.99	ppb
Molybdenum	98-1	0.26	0.25	0.27	0.26	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.61	2.84	2.68	2.71	4.49	ppb
Phosphorus	31-2	353.56	339.82	229.42	307.60	22.12	ppb
Potassium	39-2	137.74	134.52	101.25	124.50	16.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				90		%
Selenium	77-2	5.50	0.00	10.66	5.39	98.97	ppb
Selenium	78-2	0.35	0.37	1.17	0.63	74.34	ppb
Selenium	82-1	0.16	-0.74	-0.32	-0.30		ppb
Silicon	28-1	65.10	78.34	110.62	84.69	27.65	ppb
Silver	109-1	0.06	0.07	0.07	0.07	3.39	ppb
Silver	107-1	0.08	0.07	0.08	0.07	7.11	ppb
Sodium	23-2	15.50	16.60	14.68	15.59	6.16	ppb
Strontium	86-1	7.82	7.70	7.67	7.73	1.03	ppb
Strontium	88-1	7.64	7.73	7.77	7.71	0.86	ppb
Sulfur	34-1	-1587.44	-1482.00	-230.18	-1099.88		ppb
Terbium	159-1				103		%
Terbium	159-2				91		%
Thallium	203-1	0.04	0.04	0.04	0.04	10.79	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	5.10	ppb
Tin	118-1	1.43	1.39	1.48	1.43	3.08	ppb
Titanium	47-1	11.62	11.14	11.51	11.42	2.21	ppb
Uranium	238-1	0.11	0.10	0.12	0.11	7.48	ppb
Vanadium	51-2	2.99	3.16	2.97	3.04	3.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%
Zinc	66-2	90.25	94.52	92.21	92.32	2.32	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	2.14	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:45:49	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.31	0.07	0.09	0.49	144.85	ppb

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : I5061-18DLX20 Instrumnet Name : P8
 Client Sample ID : MET1Z0 Dilution Factor : 20
 Date & Time Acquired :: 2017-09-01 14:48:57 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	955.46	871.85	861.16	896.16	5.76	ppb
Antimony	121-1	0.40	0.39	0.36	0.38	5.06	ppb
Arsenic	75-2	1.67	1.38	1.54	1.53	9.60	ppb
Barium	135-1	65.21	58.97	57.17	60.45	6.98	ppb
Barium	137-1	64.66	60.35	58.46	61.16	5.20	ppb
Beryllium	9-1	0.21	0.09	0.13	0.15	40.80	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	1.26	0.73	0.12	0.70	81.34	ppb
Boron	11-1	0.72	0.70	0.66	0.69	3.87	ppb
Cadmium	111-1	0.22	0.15	0.15	0.17	23.78	ppb
Cadmium	106-1	-1.48	-1.49	-1.79	-1.59		ppb
Cadmium	108-1	0.15	0.19	0.32	0.22	41.98	ppb
Calcium	43-1	1525.63	1463.35	1422.09	1470.35	3.54	ppb
Calcium	44-1	1551.17	1437.54	1392.69	1460.47	5.59	ppb
Chromium	52-2	2.70	2.12	2.42	2.41	12.14	ppb
Cobalt	59-2	1.41	1.51	1.57	1.50	5.36	ppb
Copper	63-2	10.07	9.77	9.66	9.84	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	2373.09	2342.88	2331.00	2348.99	0.92	ppb
Iron	57-2	2395.69	2267.87	2302.53	2322.03	2.85	ppb
Lead	206-1	111.46	102.50	100.46	104.81	5.58	ppb
Lead	207-1	102.30	93.78	91.56	95.88	5.91	ppb
Lead	208-1	107.49	97.94	96.10	100.51	6.08	ppb
Lithium	6-1				99		%
Magnesium	24-2	448.64	425.94	424.30	432.96	3.14	ppb
Manganese	55-2	121.17	122.34	121.38	121.63	0.52	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:48:57	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.16	0.18	0.16	9.43	ppb
Molybdenum	95-1	0.31	0.28	0.32	0.30	6.37	ppb
Molybdenum	96-1	0.24	0.24	2.53	1.00	131.71	ppb
Molybdenum	97-1	0.32	0.21	0.35	0.29	24.40	ppb
Molybdenum	98-1	0.28	0.30	0.24	0.27	11.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.78	2.95	2.45	2.73	9.35	ppb
Phosphorus	31-2	251.72	190.42	286.09	242.74	19.96	ppb
Potassium	39-2	113.41	93.81	114.34	107.18	10.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	4.80	0.00	14.52	6.44	114.87	ppb
Selenium	78-2	1.78	0.25	1.79	1.27	69.62	ppb
Selenium	82-1	-0.55	-1.03	-0.56	-0.71		ppb
Silicon	28-1	102.18	81.32	80.20	87.90	14.08	ppb
Silver	109-1	0.08	0.07	0.07	0.07	8.19	ppb
Silver	107-1	0.08	0.08	0.06	0.07	12.94	ppb
Sodium	23-2	7.90	13.25	11.60	10.92	25.11	ppb
Strontium	86-1	9.30	8.08	7.86	8.41	9.20	ppb
Strontium	88-1	9.03	8.22	7.92	8.39	6.82	ppb
Sulfur	34-1	-223.33	-1014.01	-1391.31	-876.22		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.02	0.03	36.53	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	6.06	ppb
Tin	118-1	1.56	1.41	1.37	1.45	6.97	ppb
Titanium	47-1	11.68	12.05	11.42	11.72	2.72	ppb
Uranium	238-1	0.12	0.11	0.12	0.12	6.75	ppb
Vanadium	51-2	3.37	3.08	3.00	3.15	6.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	90.67	93.74	88.76	91.06	2.76	ppb
Zirconium	90-1	0.09	0.09	0.10	0.09	4.34	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:48:57	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.09	0.07	24.97	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:52:06	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50929.71	51416.42	51172.63	51172.92	0.48	ppb
Antimony	121-1	532.92	545.19	547.70	541.94	1.46	ppb
Arsenic	75-2	505.89	503.63	503.98	504.50	0.24	ppb
Barium	135-1	2592.26	2649.35	2647.39	2629.67	1.23	ppb
Barium	137-1	2591.91	2621.46	2624.23	2612.53	0.69	ppb
Beryllium	9-1	527.23	533.40	522.96	527.86	0.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	509.85	513.17	510.38	511.14	0.35	ppb
Boron	11-1	506.50	523.63	517.04	515.73	1.68	ppb
Cadmium	111-1	503.89	517.31	513.23	511.48	1.34	ppb
Cadmium	106-1	512.00	527.22	515.61	518.28	1.53	ppb
Cadmium	108-1	511.98	520.94	516.81	516.58	0.87	ppb
Calcium	43-1	248170.21	249590.68	245523.83	247761.58	0.83	ppb
Calcium	44-1	247679.25	248521.45	246568.36	247589.69	0.40	ppb
Chromium	52-2	515.28	523.70	519.72	519.57	0.81	ppb
Cobalt	59-2	501.78	503.29	506.20	503.76	0.45	ppb
Copper	63-2	1013.63	1012.29	1007.87	1011.26	0.30	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				102		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	127332.73	125746.08	127077.75	126718.85	0.67	ppb
Iron	57-2	126344.94	126064.53	128714.47	127041.31	1.15	ppb
Lead	206-1	522.11	539.57	534.06	531.91	1.68	ppb
Lead	207-1	525.69	532.86	538.69	532.41	1.22	ppb
Lead	208-1	526.83	536.42	530.97	531.41	0.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	251758.52	255319.79	254194.36	253757.56	0.72	ppb
Manganese	55-2	1035.86	1042.67	1047.74	1042.09	0.57	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:52:06	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	517.39	521.73	528.87	522.66	1.11	ppb
Molybdenum	95-1	514.57	519.30	525.56	519.81	1.06	ppb
Molybdenum	96-1	512.83	522.06	530.84	521.91	1.73	ppb
Molybdenum	97-1	502.71	517.22	514.20	511.38	1.50	ppb
Molybdenum	98-1	514.15	519.75	525.35	519.75	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.90	506.47	511.34	508.57	0.49	ppb
Phosphorus	31-2	11318.47	10657.58	10895.95	10957.34	3.05	ppb
Potassium	39-2	131184.47	131069.61	132378.84	131544.31	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	592.44	545.33	537.18	558.32	5.34	ppb
Selenium	78-2	527.95	536.64	489.53	518.04	4.84	ppb
Selenium	82-1	508.77	509.59	516.08	511.48	0.78	ppb
Silicon	28-1	504.86	499.12	503.20	502.39	0.59	ppb
Silver	109-1	480.02	484.94	485.29	483.42	0.61	ppb
Silver	107-1	480.69	490.54	487.52	486.25	1.04	ppb
Sodium	23-2	254879.88	253436.55	254947.78	254421.40	0.34	ppb
Strontium	86-1	524.80	531.04	535.26	530.37	0.99	ppb
Strontium	88-1	526.68	526.17	532.11	528.32	0.62	ppb
Sulfur	34-1	10902.35	10593.16	10378.53	10624.68	2.48	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	530.21	531.47	531.40	531.02	0.13	ppb
Thallium	205-1	525.16	529.70	530.48	528.45	0.54	ppb
Tin	118-1	519.84	529.83	522.87	524.18	0.98	ppb
Titanium	47-1	515.94	513.17	518.96	516.02	0.56	ppb
Uranium	238-1	522.33	529.78	531.77	527.96	0.94	ppb
Vanadium	51-2	520.29	520.53	522.47	521.09	0.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	970.26	966.56	976.28	971.03	0.51	ppb
Zirconium	90-1	517.59	517.02	524.75	519.79	0.83	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:52:06	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.12	520.95	526.28	520.11	1.27	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:55:04	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.40	-2.91	-1.37	-1.89		ppb
Antimony	121-1	0.57	0.48	0.50	0.52	8.57	ppb
Arsenic	75-2	0.03	-0.01	0.07	0.03	117.08	ppb
Barium	135-1	0.00	-0.03	0.00	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.11	0.06	0.05	0.07	44.21	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	8.50	8.94	9.52	8.99	5.74	ppb
Boron	11-1	10.05	9.14	8.00	9.06	11.35	ppb
Cadmium	111-1	-0.05	-0.05	-0.09	-0.06		ppb
Cadmium	106-1	-0.96	-0.95	-1.53	-1.15		ppb
Cadmium	108-1	-0.06	-0.09	-0.06	-0.07		ppb
Calcium	43-1	-23.65	-8.56	-20.31	-17.51		ppb
Calcium	44-1	-0.38	3.42	-1.54	0.50	516.75	ppb
Chromium	52-2	-0.01	-0.07	-0.18	-0.09		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.02		ppb
Copper	63-2	-0.02	-0.02	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	1.51	1.20	1.84	1.52	20.90	ppb
Iron	57-2	1.46	2.60	-0.15	1.30	106.20	ppb
Lead	206-1	0.10	0.10	0.09	0.10	5.81	ppb
Lead	207-1	0.08	0.08	0.06	0.07	14.17	ppb
Lead	208-1	0.08	0.08	0.07	0.08	8.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.95	5.46	3.88	4.10	30.91	ppb
Manganese	55-2	-0.13	-0.02	-0.12	-0.09		ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:55:04	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.04	0.04	5.68	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	18.05	ppb
Molybdenum	96-1	0.04	0.03	0.02	0.03	42.29	ppb
Molybdenum	97-1	0.06	0.06	0.01	0.04	62.62	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	20.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.18	-0.06	-0.14		ppb
Phosphorus	31-2	-10.20	71.56	10.69	24.02	176.88	ppb
Potassium	39-2	-0.63	-7.30	9.30	0.46	1818.03	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.53	1.92	2.74	1.37	123.82	ppb
Selenium	82-1	-0.25	-0.21	-0.43	-0.30		ppb
Silicon	28-1	-22.54	-18.58	-23.80	-21.64		ppb
Silver	109-1	0.04	0.02	0.03	0.03	35.00	ppb
Silver	107-1	0.02	0.02	0.04	0.03	27.04	ppb
Sodium	23-2	52.70	49.67	46.33	49.57	6.42	ppb
Strontium	86-1	-0.15	-0.11	-0.15	-0.14		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1001.90	-904.24	-915.36	-940.50		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.07	0.07	0.07	0.52	ppb
Thallium	205-1	0.10	0.08	0.08	0.09	13.30	ppb
Tin	118-1	0.17	0.20	0.19	0.19	9.48	ppb
Titanium	47-1	0.02	-0.04	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	246.92	ppb
Vanadium	51-2	0.00	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	0.02	0.09	0.05	0.05	69.30	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	14.67	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:55:04	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.03	0.03	15.05	ppb

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:40:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	25	25	0.00	cps
Antimony	121-1	75	25	83	61	51.63	cps
Arsenic	75-2	4	2	7	4	65.54	cps
Barium	135-1	17	117	42	58	89.21	cps
Barium	137-1	67	50	108	75	40.06	cps
Beryllium	9-1	111	111	128	117	8.25	cps
Bismuth	209-1	4835631	4832116	4588932	4752226	2.98	cps
Bismuth	209-2	1511818	1487258	1495286	1498121	0.84	cps
Boron	10-1	175	225	200	200	12.50	cps
Boron	11-1	817	967	883	889	8.45	cps
Cadmium	111-1	1336	1293	1278	1302	2.33	cps
Cadmium	106-1	1892	1842	1817	1850	2.06	cps
Cadmium	108-1	13	25	21	19	32.73	cps
Calcium	43-1	2275	2067	1909	2084	8.83	cps
Calcium	44-1	35345	36565	35763	35891	1.73	cps
Chromium	52-2	867	777	777	807	6.44	cps
Cobalt	59-2	53	73	60	62	16.37	cps
Copper	63-2	257	280	227	254	10.51	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	33	33	31	15.75	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	42	83	75	67	33.07	cps
Gadolinium	160-2	0	10	17	9	94.38	cps
Holmium	165-1	8166255	8144633	7770660	8027183	2.77	cps
Holmium	165-2	1876416	1890759	1871783	1879653	0.53	cps
Indium	115-1	7494843	7497571	7208998	7400471	2.24	cps
Indium	115-2	310302	310420	305596	308772	0.89	cps
Iron	56-2	2006	2134	1878	2006	6.37	cps
Iron	57-2	50	78	50	59	27.07	cps
Lead	206-1	456	606	439	500	18.36	cps
Lead	207-1	417	472	406	432	8.28	cps
Lead	208-1	1961	2128	2006	2032	4.25	cps
Lithium	6-1	1097027	1131016	1076240	1101428	2.51	cps
Magnesium	24-2	100	33	67	67	50.01	cps
Manganese	55-2	97	83	117	99	16.96	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:40:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	250	208	261	22.64	cps
Molybdenum	95-1	67	67	67	67	0.00	cps
Molybdenum	96-1	167	225	108	167	35.00	cps
Molybdenum	97-1	92	83	83	86	5.58	cps
Molybdenum	98-1	125	58	67	83	43.59	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	207	167	171	19.61	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2692	2134	2334	2386	11.86	cps
Rhodium	103-1	7076978	7018244	6792278	6962500	2.16	cps
Rhodium	103-2	1811394	1800239	1791724	1801119	0.55	cps
Scandium	45-1	4428058	4437471	4225427	4363652	2.75	cps
Scandium	45-2	32885	32327	32852	32688	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	5	-37	87	18	346.96	cps
Silicon	28-1	500287	501304	498614	500068	0.27	cps
Silver	109-1	25	100	17	47	97.19	cps
Silver	107-1	58	92	67	72	24.02	cps
Sodium	23-2	2659	2667	2609	2645	1.19	cps
Strontium	86-1	1133	1117	1258	1170	6.62	cps
Strontium	88-1	208	208	317	244	25.59	cps
Sulfur	34-1	390499	394249	393539	392762	0.51	cps
Terbium	159-1	8544098	8729890	8332784	8535590	2.33	cps
Terbium	159-2	1829759	1825531	1815320	1823537	0.41	cps
Thallium	203-1	133	100	75	103	28.48	cps
Thallium	205-1	150	283	158	197	37.87	cps
Tin	118-1	625	800	783	736	13.12	cps
Titanium	47-1	158	233	125	172	32.22	cps
Uranium	238-1	183	167	150	167	10.00	cps
Vanadium	51-2	13	20	13	16	24.76	cps
Yttrium	89-1	8064656	8131183	7792185	7996008	2.25	cps
Yttrium	89-2	228008	226442	225276	226575	0.60	cps
Zinc	66-2	50	57	60	56	9.17	cps
Zirconium	90-1	642	467	492	533	17.75	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:40:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	192	92	144	34.78	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:47:31	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	117	108	125	17.64	cps
Antimony	121-1	16578	16369	16887	16611	1.57	cps
Arsenic	75-2	96	96	100	98	2.19	cps
Barium	135-1	16828	16336	16628	16597	1.49	cps
Barium	137-1	29284	29000	30436	29573	2.57	cps
Beryllium	9-1	1300	1211	1383	1298	6.63	cps
Bismuth	209-1	4335263	4694807	4761387	4597152	4.99	cps
Bismuth	209-2	1473306	1479641	1478072	1477007	0.22	cps
Boron	10-1	3651	3501	3526	3559	2.26	cps
Boron	11-1	16018	16435	16735	16396	2.20	cps
Cadmium	111-1	3247	3243	2927	3139	5.84	cps
Cadmium	106-1	1867	2009	1675	1850	9.04	cps
Cadmium	108-1	104	108	125	113	9.80	cps
Calcium	43-1	10955	10813	11288	11019	2.21	cps
Calcium	44-1	180834	182608	180117	181186	0.71	cps
Chromium	52-2	2484	2240	2400	2375	5.21	cps
Cobalt	59-2	1740	1773	1637	1717	4.15	cps
Copper	63-2	3420	3457	3561	3479	2.09	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	33	67	53	32.88	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	67	117	108	97	27.55	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	7469868	8008129	8121999	7866665	4.43	cps
Holmium	165-2	1856758	1874247	1853729	1861578	0.59	cps
Indium	115-1	6811737	7300902	7552303	7221648	5.21	cps
Indium	115-2	304680	306914	306572	306055	0.39	cps
Iron	56-2	26737	26259	26286	26427	1.02	cps
Iron	57-2	683	839	600	707	17.14	cps
Lead	206-1	5657	5618	5507	5594	1.39	cps
Lead	207-1	4946	4979	5046	4990	1.02	cps
Lead	208-1	22064	22353	22486	22301	0.97	cps
Lithium	6-1	1017208	1087333	1108498	1071013	4.46	cps
Magnesium	24-2	12715	13140	13173	13009	1.97	cps
Manganese	55-2	297	270	280	282	4.77	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:47:31	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15276	15401	15026	15234	1.25	cps
Molybdenum	95-1	17762	18221	18146	18043	1.36	cps
Molybdenum	96-1	20942	19990	21168	20700	3.02	cps
Molybdenum	97-1	11739	11455	11605	11600	1.22	cps
Molybdenum	98-1	29241	29115	29383	29246	0.46	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	697	737	600	678	10.37	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	9670	9637	9353	9554	1.82	cps
Rhodium	103-1	6498241	7075839	7116422	6896834	5.01	cps
Rhodium	103-2	1780947	1781240	1780685	1780958	0.02	cps
Scandium	45-1	4034309	4242470	4361870	4212883	3.93	cps
Scandium	45-2	32254	32949	32969	32724	1.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	22	4	14	66.95	cps
Selenium	82-1	580	510	633	574	10.76	cps
Silicon	28-1	536578	537228	536007	536604	0.11	cps
Silver	109-1	11289	11872	10988	11383	3.95	cps
Silver	107-1	11681	11705	12673	12020	4.71	cps
Sodium	23-2	34861	34785	34827	34824	0.11	cps
Strontium	86-1	3309	3442	3509	3420	2.98	cps
Strontium	88-1	20450	21259	21284	20998	2.26	cps
Sulfur	34-1	393635	394167	387554	391786	0.94	cps
Terbium	159-1	7877024	8429790	8368573	8225129	3.68	cps
Terbium	159-2	1807163	1792675	1785647	1795162	0.61	cps
Thallium	203-1	5551	5276	5310	5379	2.79	cps
Thallium	205-1	13341	12999	12565	12968	3.00	cps
Tin	118-1	29734	29459	28289	29161	2.63	cps
Titanium	47-1	4976	5360	5143	5159	3.73	cps
Uranium	238-1	16403	15218	15861	15827	3.75	cps
Vanadium	51-2	2874	2734	2764	2790	2.64	cps
Yttrium	89-1	7461355	7956261	8081028	7832881	4.18	cps
Yttrium	89-2	223492	224577	227899	225322	1.02	cps
Zinc	66-2	360	327	340	342	4.90	cps
Zirconium	90-1	13432	13007	13699	13379	2.61	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:47:31	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3217	2976	3034	3076	4.10	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:50:59	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5718	5451	5685	5618	2.59	cps
Antimony	121-1	470994	472647	473569	472403	0.28	cps
Arsenic	75-2	5003	4960	5088	5017	1.30	cps
Barium	135-1	475095	483289	472326	476903	1.20	cps
Barium	137-1	830903	837925	822392	830407	0.94	cps
Beryllium	9-1	67832	68262	67971	68022	0.32	cps
Bismuth	209-1	4804106	4789301	4776903	4790103	0.28	cps
Bismuth	209-2	1492929	1510284	1504350	1502521	0.59	cps
Boron	10-1	7619	8086	7594	7766	3.57	cps
Boron	11-1	35837	35938	36289	36021	0.66	cps
Cadmium	111-1	105007	105804	105884	105565	0.46	cps
Cadmium	106-1	12031	12715	12423	12390	2.77	cps
Cadmium	108-1	7206	7106	7406	7240	2.11	cps
Calcium	43-1	103203	103624	103656	103494	0.24	cps
Calcium	44-1	1732179	1701313	1719802	1717765	0.90	cps
Chromium	52-2	43508	43608	43421	43512	0.22	cps
Cobalt	59-2	92531	92591	93612	92911	0.65	cps
Copper	63-2	163721	161927	164362	163337	0.77	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	33	8	36	81.06	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	67	42	67	58	24.74	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	8246552	8316071	8216375	8259666	0.62	cps
Holmium	165-2	1837486	1903341	1880072	1873633	1.78	cps
Indium	115-1	7506028	7555448	7494086	7518521	0.43	cps
Indium	115-2	306307	310630	308377	308438	0.70	cps
Iron	56-2	1450186	1422926	1437258	1436790	0.95	cps
Iron	57-2	35685	35741	36665	36030	1.53	cps
Lead	206-1	239871	241394	241880	241048	0.43	cps
Lead	207-1	214767	216496	218184	216482	0.79	cps
Lead	208-1	974297	977448	977408	976385	0.19	cps
Lithium	6-1	1095629	1103548	1110053	1103077	0.65	cps
Magnesium	24-2	148400	148611	146481	147831	0.79	cps
Manganese	55-2	23206	23069	22972	23083	0.51	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:50:59	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	386850	385133	386635	386206	0.24	cps
Molybdenum	95-1	203023	205890	205510	204808	0.76	cps
Molybdenum	96-1	262650	264622	260644	262639	0.76	cps
Molybdenum	97-1	128655	128032	126560	127749	0.84	cps
Molybdenum	98-1	327506	330043	329675	329075	0.42	cps
Neodymium	150-1	53	47	33	44	22.92	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	27013	27471	27965	27483	1.73	cps
Phosphorus	31-2	417	383	475	425	10.92	cps
Potassium	39-2	44931	44480	44521	44644	0.56	cps
Rhodium	103-1	7045207	7058322	7063830	7055786	0.14	cps
Rhodium	103-2	1772618	1806469	1789095	1789394	0.95	cps
Scandium	45-1	4276541	4272288	4342352	4297060	0.91	cps
Scandium	45-2	32431	33493	32932	32952	1.61	cps
Selenium	77-2	33	37	47	39	17.85	cps
Selenium	78-2	106	128	130	121	11.07	cps
Selenium	82-1	6492	6647	6607	6582	1.22	cps
Silicon	28-1	735618	747281	742954	741951	0.79	cps
Silver	109-1	484687	491548	492442	489559	0.87	cps
Silver	107-1	518021	516661	517742	517474	0.14	cps
Sodium	23-2	364670	366737	366431	365946	0.30	cps
Strontium	86-1	137779	139456	138026	138420	0.65	cps
Strontium	88-1	1182426	1181130	1172223	1178593	0.47	cps
Sulfur	34-1	418774	423387	423554	421905	0.64	cps
Terbium	159-1	8632329	8637989	8734528	8668282	0.66	cps
Terbium	159-2	1807326	1832103	1828975	1822801	0.74	cps
Thallium	203-1	302123	299950	299183	300419	0.51	cps
Thallium	205-1	712197	712840	703501	709513	0.74	cps
Tin	118-1	332776	331638	329476	331297	0.51	cps
Titanium	47-1	56314	55110	55319	55581	1.16	cps
Uranium	238-1	891801	896158	880086	889348	0.93	cps
Vanadium	51-2	31011	31512	31686	31403	1.12	cps
Yttrium	89-1	8090100	8153266	8120458	8121275	0.39	cps
Yttrium	89-2	225771	229483	228696	227984	0.86	cps
Zinc	66-2	14328	13914	13934	14058	1.66	cps
Zirconium	90-1	743374	742982	745444	743933	0.18	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:50:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	165259	162772	165707	164579	0.96	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:54:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13999	13532	13741	13757	1.70	cps
Antimony	121-1	1187789	1178232	1189921	1185314	0.53	cps
Arsenic	75-2	12511	12511	12556	12526	0.20	cps
Barium	135-1	1213134	1205119	1215879	1211377	0.46	cps
Barium	137-1	2104065	2120133	2083210	2102470	0.88	cps
Beryllium	9-1	167473	168480	167912	167955	0.30	cps
Bismuth	209-1	4860326	4888074	4896478	4881626	0.39	cps
Bismuth	209-2	1511989	1521002	1510163	1514385	0.38	cps
Boron	10-1	18947	19873	19289	19369	2.42	cps
Boron	11-1	89655	89974	90997	90209	0.78	cps
Cadmium	111-1	264479	261142	262488	262703	0.64	cps
Cadmium	106-1	28999	28865	28682	28849	0.55	cps
Cadmium	108-1	18538	18784	18154	18492	1.72	cps
Calcium	43-1	253548	256422	255413	255128	0.57	cps
Calcium	44-1	4185767	4184054	4207110	4192311	0.31	cps
Chromium	52-2	107277	106931	104879	106363	1.22	cps
Cobalt	59-2	227028	230166	228258	228484	0.69	cps
Copper	63-2	406193	405994	407054	406413	0.14	cps
Dysprosium	156-1	0	42	33	25	88.19	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	83	92	92	89	5.41	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Holmium	165-1	8330840	8354321	8364872	8350011	0.21	cps
Holmium	165-2	1892172	1891761	1887831	1890588	0.13	cps
Indium	115-1	7591700	7617657	7489342	7566233	0.90	cps
Indium	115-2	309564	306978	304596	307046	0.81	cps
Iron	56-2	3559864	3563804	3533002	3552223	0.47	cps
Iron	57-2	87781	89290	88278	88450	0.87	cps
Lead	206-1	613372	617747	609622	613580	0.66	cps
Lead	207-1	553357	560732	554109	556066	0.73	cps
Lead	208-1	2481078	2503750	2493237	2492688	0.46	cps
Lithium	6-1	1108146	1091949	1112874	1104323	0.99	cps
Magnesium	24-2	366066	369948	373087	369701	0.95	cps
Manganese	55-2	56624	56942	56112	56560	0.74	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:54:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	973531	968946	968558	970345	0.29	cps
Molybdenum	95-1	518591	518802	517516	518303	0.13	cps
Molybdenum	96-1	659446	660635	663464	661182	0.31	cps
Molybdenum	97-1	323079	321354	321177	321870	0.33	cps
Molybdenum	98-1	824370	825336	833404	827703	0.60	cps
Neodymium	150-1	60	67	67	64	5.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	67278	68973	68018	68090	1.25	cps
Phosphorus	31-2	1200	1133	1092	1142	4.79	cps
Potassium	39-2	107568	108516	108238	108107	0.45	cps
Rhodium	103-1	7129506	7095578	7055903	7093662	0.52	cps
Rhodium	103-2	1791930	1769801	1776056	1779263	0.64	cps
Scandium	45-1	4366450	4409933	4388628	4388337	0.50	cps
Scandium	45-2	32491	33072	32665	32743	0.91	cps
Selenium	77-2	60	67	77	68	12.38	cps
Selenium	78-2	265	296	331	298	11.21	cps
Selenium	82-1	16655	16760	16330	16582	1.35	cps
Silicon	28-1	977467	961712	973098	970759	0.84	cps
Silver	109-1	1225720	1231464	1222906	1226697	0.36	cps
Silver	107-1	1301036	1287513	1303851	1297467	0.67	cps
Sodium	23-2	913228	917326	914963	915172	0.22	cps
Strontium	86-1	344356	343317	343457	343710	0.16	cps
Strontium	88-1	2952878	2947806	2940142	2946942	0.22	cps
Sulfur	34-1	467435	465590	470053	467692	0.48	cps
Terbium	159-1	8761839	8719322	8910028	8797063	1.14	cps
Terbium	159-2	1853037	1836462	1819698	1836399	0.91	cps
Thallium	203-1	766796	766914	762885	765532	0.30	cps
Thallium	205-1	1865303	1838885	1832171	1845453	0.95	cps
Tin	118-1	835429	829985	825446	830287	0.60	cps
Titanium	47-1	139061	140583	139464	139702	0.56	cps
Uranium	238-1	2298835	2297889	2269556	2288760	0.73	cps
Vanadium	51-2	79420	78937	78824	79060	0.40	cps
Yttrium	89-1	8096839	8250981	8115479	8154433	1.03	cps
Yttrium	89-2	228550	227171	225709	227143	0.63	cps
Zinc	66-2	34460	34640	34844	34648	0.55	cps
Zirconium	90-1	1898382	1900696	1894108	1897729	0.18	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:54:27	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	410141	410953	414800	411965	0.60	cps

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 11:57:51 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28839	27979	27903	28240	1.84	cps
Antimony	121-1	2463226	2469684	2438715	2457208	0.66	cps
Arsenic	75-2	25084	24592	25136	24937	1.20	cps
Barium	135-1	2497902	2486472	2483442	2489272	0.31	cps
Barium	137-1	4321990	4309662	4303228	4311627	0.22	cps
Beryllium	9-1	339733	338800	338500	339011	0.19	cps
Bismuth	209-1	5074407	5101978	5041965	5072783	0.59	cps
Bismuth	209-2	1514727	1514143	1508818	1512563	0.22	cps
Boron	10-1	38812	39405	38761	38993	0.92	cps
Boron	11-1	179231	180497	185316	181681	1.77	cps
Cadmium	111-1	526998	529018	529910	528642	0.28	cps
Cadmium	106-1	57080	55289	55599	55989	1.71	cps
Cadmium	108-1	37816	37155	37423	37465	0.89	cps
Calcium	43-1	514120	509926	511042	511696	0.42	cps
Calcium	44-1	8445026	8332047	8290948	8356007	0.95	cps
Chromium	52-2	211297	210935	209357	210530	0.49	cps
Cobalt	59-2	457041	455275	451717	454677	0.60	cps
Copper	63-2	802358	799518	793494	798457	0.57	cps
Dysprosium	156-1	67	50	100	72	35.26	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	67	58	58	61	7.87	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	75	92	67	78	16.37	cps
Gadolinium	160-2	23	13	13	17	34.65	cps
Holmium	165-1	8606821	8617934	8655336	8626697	0.29	cps
Holmium	165-2	1925183	1880732	1895753	1900556	1.19	cps
Indium	115-1	7665020	7688265	7595344	7649543	0.63	cps
Indium	115-2	301277	299940	298221	299813	0.51	cps
Iron	56-2	6946421	6886010	6930100	6920843	0.45	cps
Iron	57-2	177049	176632	176526	176736	0.16	cps
Lead	206-1	1267011	1273991	1283676	1274893	0.66	cps
Lead	207-1	1142962	1153305	1155412	1150560	0.58	cps
Lead	208-1	5224002	5237663	5253046	5238237	0.28	cps
Lithium	6-1	1095297	1107906	1101372	1101525	0.57	cps
Magnesium	24-2	741008	738242	735187	738146	0.39	cps
Manganese	55-2	110610	111930	111874	111471	0.67	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:57:51	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1965170	1976136	1997272	1979526	0.82	cps
Molybdenum	95-1	1029818	1047316	1051358	1042831	1.10	cps
Molybdenum	96-1	1336591	1353581	1345939	1345370	0.63	cps
Molybdenum	97-1	656303	659448	654740	656830	0.37	cps
Molybdenum	98-1	1712120	1722516	1702989	1712542	0.57	cps
Neodymium	150-1	80	140	127	116	27.26	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	137053	135596	135737	136129	0.59	cps
Phosphorus	31-2	2342	2159	2250	2250	4.07	cps
Potassium	39-2	209824	210340	207095	209087	0.83	cps
Rhodium	103-1	7142466	7161450	7096374	7133430	0.47	cps
Rhodium	103-2	1760407	1755329	1732081	1749272	0.86	cps
Scandium	45-1	4415519	4395950	4390372	4400614	0.30	cps
Scandium	45-2	32628	32314	32291	32411	0.58	cps
Selenium	77-2	160	217	210	196	15.84	cps
Selenium	78-2	572	569	602	581	3.15	cps
Selenium	82-1	33544	33500	33633	33559	0.20	cps
Silicon	28-1	1431410	1468851	1469584	1456615	1.50	cps
Silver	109-1	2512272	2554002	2533820	2533365	0.82	cps
Silver	107-1	2666528	2713550	2680780	2686953	0.90	cps
Sodium	23-2	1848515	1870448	1840232	1853065	0.84	cps
Strontium	86-1	686806	693624	688899	689776	0.51	cps
Strontium	88-1	5943357	5872386	5936214	5917319	0.66	cps
Sulfur	34-1	544182	539086	537289	540186	0.66	cps
Terbium	159-1	9028208	9081120	9127175	9078834	0.55	cps
Terbium	159-2	1810175	1805601	1805585	1807120	0.15	cps
Thallium	203-1	1580063	1597843	1590056	1589321	0.56	cps
Thallium	205-1	3763450	3752728	3840210	3785463	1.26	cps
Tin	118-1	1729699	1730236	1718668	1726201	0.38	cps
Titanium	47-1	280307	275893	278213	278138	0.79	cps
Uranium	238-1	4758188	4698230	4779192	4745203	0.89	cps
Vanadium	51-2	156665	155815	153736	155405	0.97	cps
Yttrium	89-1	8295332	8285404	8291773	8290836	0.06	cps
Yttrium	89-2	221670	220412	221469	221184	0.31	cps
Zinc	66-2	69818	69114	67524	68819	1.71	cps
Zirconium	90-1	3791236	3839716	3793024	3807992	0.72	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 11:57:51	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	831493	839390	839314	836733	0.54	cps

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 12:01:08 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55451	55643	55501	55532	0.18	cps
Antimony	121-1	4888909	4900736	4962928	4917524	0.81	cps
Arsenic	75-2	47920	47578	47786	47761	0.36	cps
Barium	135-1	4997562	5049026	5066007	5037532	0.71	cps
Barium	137-1	8671934	8632543	8669294	8657924	0.25	cps
Beryllium	9-1	678014	671540	680330	676628	0.67	cps
Bismuth	209-1	5328517	5326810	5298350	5317892	0.32	cps
Bismuth	209-2	1489203	1482980	1491695	1487960	0.30	cps
Boron	10-1	78766	78263	81465	79498	2.17	cps
Boron	11-1	360994	363057	369714	364589	1.25	cps
Cadmium	111-1	1055636	1067925	1064475	1062679	0.60	cps
Cadmium	106-1	111449	111744	112214	111802	0.34	cps
Cadmium	108-1	74375	73851	75615	74614	1.21	cps
Calcium	43-1	1007008	1001715	1011811	1006845	0.50	cps
Calcium	44-1	16365282	16268213	16410159	16347885	0.44	cps
Chromium	52-2	406649	406454	409278	407460	0.39	cps
Cobalt	59-2	892137	883628	887606	887790	0.48	cps
Copper	63-2	1571745	1554487	1591104	1572445	1.16	cps
Dysprosium	156-1	108	108	158	125	23.10	cps
Dysprosium	156-2	13	20	17	17	20.01	cps
Erbium	164-1	58	42	25	42	40.00	cps
Erbium	164-2	27	17	7	17	59.99	cps
Gadolinium	160-1	108	158	167	144	21.84	cps
Gadolinium	160-2	30	47	23	33	36.07	cps
Holmium	165-1	8996165	8892725	9057830	8982240	0.93	cps
Holmium	165-2	1883096	1860439	1840915	1861483	1.13	cps
Indium	115-1	7756932	7671791	7744058	7724260	0.59	cps
Indium	115-2	287594	284024	283731	285116	0.75	cps
Iron	56-2	13522858	13385980	13624468	13511102	0.89	cps
Iron	57-2	342536	336573	343930	341013	1.15	cps
Lead	206-1	2726184	2691779	2725892	2714619	0.73	cps
Lead	207-1	2475875	2466868	2465543	2469429	0.23	cps
Lead	208-1	11076470	10997030	10960642	11011381	0.54	cps
Lithium	6-1	1115080	1099757	1138236	1117691	1.73	cps
Magnesium	24-2	1475840	1480659	1499280	1485260	0.83	cps
Manganese	55-2	215435	211740	214641	213939	0.91	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:01:08	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3883051	3914202	3904852	3900702	0.41	cps
Molybdenum	95-1	2126254	2109398	2101397	2112350	0.60	cps
Molybdenum	96-1	2706613	2717194	2733006	2718938	0.49	cps
Molybdenum	97-1	1296819	1299605	1318077	1304834	0.89	cps
Molybdenum	98-1	3392484	3424282	3401116	3405961	0.48	cps
Neodymium	150-1	300	227	207	244	20.10	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	262101	258480	262197	260926	0.81	cps
Phosphorus	31-2	3942	4084	3867	3965	2.78	cps
Potassium	39-2	399844	400714	403369	401309	0.46	cps
Rhodium	103-1	7173407	7083672	7121828	7126302	0.63	cps
Rhodium	103-2	1723111	1697643	1703080	1707945	0.79	cps
Scandium	45-1	4405412	4339089	4366568	4370356	0.76	cps
Scandium	45-2	32107	31803	31703	31871	0.66	cps
Selenium	77-2	327	290	363	327	11.22	cps
Selenium	78-2	1139	1174	1117	1143	2.53	cps
Selenium	82-1	65513	66368	66025	65968	0.65	cps
Silicon	28-1	2408007	2420997	2415361	2414788	0.27	cps
Silver	109-1	5007039	4970576	5000527	4992714	0.39	cps
Silver	107-1	5239869	5278188	5264468	5260842	0.37	cps
Sodium	23-2	3670141	3606094	3669419	3648551	1.01	cps
Strontium	86-1	1347309	1361596	1373437	1360781	0.96	cps
Strontium	88-1	11615143	11685467	11667972	11656194	0.31	cps
Sulfur	34-1	690104	691284	688594	689994	0.20	cps
Terbium	159-1	9380067	9413876	9488298	9427414	0.59	cps
Terbium	159-2	1801776	1776986	1796328	1791697	0.73	cps
Thallium	203-1	3435124	3366368	3409754	3403749	1.02	cps
Thallium	205-1	7923197	7786683	7893822	7867901	0.91	cps
Tin	118-1	3472308	3480547	3472894	3475250	0.13	cps
Titanium	47-1	549049	539702	555325	548025	1.43	cps
Uranium	238-1	9914001	10031466	10041576	9995681	0.71	cps
Vanadium	51-2	302474	302405	303839	302906	0.27	cps
Yttrium	89-1	8224795	8274630	8248920	8249448	0.30	cps
Yttrium	89-2	215588	213236	213884	214236	0.57	cps
Zinc	66-2	132089	130352	131796	131412	0.71	cps
Zirconium	90-1	7509629	7526520	7466322	7500824	0.41	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:01:08	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1675042	1664257	1688664	1675987	0.73	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:04:21	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107741	107449	106700	107297	0.50	cps
Antimony	121-1	9752186	9609443	9621619	9661083	0.82	cps
Arsenic	75-2	92574	93335	92190	92700	0.63	cps
Barium	135-1	10144642	9999987	9840555	9995062	1.52	cps
Barium	137-1	17496939	17182243	17131986	17270390	1.15	cps
Beryllium	9-1	1341315	1349605	1337260	1342727	0.47	cps
Bismuth	209-1	5435137	5349462	5381726	5388775	0.80	cps
Bismuth	209-2	1452152	1457418	1460462	1456678	0.29	cps
Boron	10-1	156519	158186	161002	158569	1.43	cps
Boron	11-1	728579	730293	740895	733256	0.91	cps
Cadmium	111-1	2120532	2093502	2119178	2111071	0.72	cps
Cadmium	106-1	216186	215513	214743	215481	0.33	cps
Cadmium	108-1	147968	146360	145954	146761	0.73	cps
Calcium	43-1	2067049	2007200	2002944	2025731	1.77	cps
Calcium	44-1	32930887	32421280	32219284	32523817	1.13	cps
Chromium	52-2	791188	791155	790613	790985	0.04	cps
Cobalt	59-2	1744370	1729903	1750013	1741429	0.60	cps
Copper	63-2	3021619	3038673	3001246	3020512	0.62	cps
Dysprosium	156-1	175	183	267	208	24.33	cps
Dysprosium	156-2	43	47	30	40	22.05	cps
Erbium	164-1	142	150	108	133	16.54	cps
Erbium	164-2	30	33	13	26	41.94	cps
Gadolinium	160-1	283	308	250	281	10.43	cps
Gadolinium	160-2	57	60	40	52	20.52	cps
Holmium	165-1	9194213	9089462	9038667	9107447	0.87	cps
Holmium	165-2	1824651	1825220	1830810	1826893	0.19	cps
Indium	115-1	7637248	7569741	7507361	7571450	0.86	cps
Indium	115-2	271939	271908	272501	272116	0.12	cps
Iron	56-2	26380989	26657300	26286913	26441734	0.73	cps
Iron	57-2	661098	668872	663585	664518	0.60	cps
Lead	206-1	5494265	5389624	5453479	5445789	0.97	cps
Lead	207-1	4974341	4968595	4962779	4968572	0.12	cps
Lead	208-1	22286331	22057005	22143131	22162155	0.52	cps
Lithium	6-1	1133884	1104307	1128892	1122361	1.41	cps
Magnesium	24-2	2896712	2892568	2875288	2888189	0.39	cps
Manganese	55-2	412426	420728	418685	417280	1.04	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:04:21	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7740483	7689254	7610931	7680223	0.85	cps
Molybdenum	95-1	4195752	4172864	4155399	4174672	0.48	cps
Molybdenum	96-1	5386920	5330316	5295910	5337716	0.86	cps
Molybdenum	97-1	2607077	2607539	2572434	2595683	0.78	cps
Molybdenum	98-1	6647308	6659302	6563029	6623213	0.79	cps
Neodymium	150-1	520	547	567	544	4.30	cps
Neodymium	150-2	40	20	33	31	32.73	cps
Nickel	60-2	503863	505360	504275	504499	0.15	cps
Phosphorus	31-2	7669	8119	7986	7925	2.92	cps
Potassium	39-2	768706	776024	774688	773139	0.50	cps
Rhodium	103-1	6986672	6962097	6938864	6962545	0.34	cps
Rhodium	103-2	1667645	1660348	1654910	1660968	0.38	cps
Scandium	45-1	4384199	4360931	4325669	4356933	0.68	cps
Scandium	45-2	31385	32177	31432	31665	1.40	cps
Selenium	77-2	587	577	640	601	5.66	cps
Selenium	78-2	2145	2111	2041	2099	2.52	cps
Selenium	82-1	129961	129691	128873	129508	0.44	cps
Silicon	28-1	3959749	3937349	3959946	3952348	0.33	cps
Silver	109-1	10690020	10734995	10626589	10683868	0.51	cps
Silver	107-1	11288839	11239608	11193271	11240573	0.43	cps
Sodium	23-2	7025153	7126037	7120402	7090531	0.80	cps
Strontium	86-1	2713374	2671668	2690274	2691772	0.78	cps
Strontium	88-1	23230885	23042188	22840126	23037733	0.85	cps
Sulfur	34-1	1000778	999502	998662	999647	0.11	cps
Terbium	159-1	9574257	9457449	9432773	9488160	0.80	cps
Terbium	159-2	1763760	1773712	1748025	1761832	0.74	cps
Thallium	203-1	6824699	6683795	6763834	6757443	1.05	cps
Thallium	205-1	15871704	15769400	15747477	15796194	0.42	cps
Tin	118-1	6820706	6805048	6687225	6770993	1.08	cps
Titanium	47-1	1093589	1079654	1071449	1081564	1.03	cps
Uranium	238-1	20896626	20467172	20702568	20688789	1.04	cps
Vanadium	51-2	591230	597093	593055	593793	0.51	cps
Yttrium	89-1	8247743	8105075	8088077	8146965	1.08	cps
Yttrium	89-2	207718	207668	205841	207076	0.52	cps
Zinc	66-2	263073	265450	265582	264702	0.53	cps
Zirconium	90-1	15005545	14720101	14738090	14821245	1.08	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:04:21	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3358795	3293473	3267597	3306622	1.42	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:07:29	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	546608	552705	545043	548119	0.74	cps
Antimony	121-1	21435	21259	20517	21070	2.31	cps
Arsenic	75-2	37	19	30	28	32.83	cps
Barium	135-1	3226	3317	3167	3237	2.34	cps
Barium	137-1	5943	5918	5535	5799	3.95	cps
Beryllium	9-1	489	561	594	548	9.84	cps
Bismuth	209-1	4968570	4970419	5064806	5001265	1.10	cps
Bismuth	209-2	1400209	1398689	1399758	1399552	0.06	cps
Boron	10-1	6110	6010	5843	5988	2.25	cps
Boron	11-1	28880	26075	25206	26720	7.19	cps
Cadmium	111-1	1552	1605	1531	1563	2.43	cps
Cadmium	106-1	1700	1867	1667	1745	6.14	cps
Cadmium	108-1	54	50	21	42	43.60	cps
Calcium	43-1	9896341	9911879	9934187	9914136	0.19	cps
Calcium	44-1	163714520	162212641	162868791	162931984	0.46	cps
Chromium	52-2	3637	3480	3360	3493	3.97	cps
Cobalt	59-2	2004	2117	2217	2112	5.05	cps
Copper	63-2	4701	4604	4904	4736	3.23	cps
Dysprosium	156-1	92	58	42	64	39.85	cps
Dysprosium	156-2	13	17	7	12	41.65	cps
Erbium	164-1	83	58	50	64	27.15	cps
Erbium	164-2	13	23	0	12	95.78	cps
Gadolinium	160-1	108	158	167	144	21.84	cps
Gadolinium	160-2	17	30	13	20	44.10	cps
Holmium	165-1	8927946	8766651	8890026	8861541	0.95	cps
Holmium	165-2	1873618	1876225	1871697	1873847	0.12	cps
Indium	115-1	7430728	7284751	7383916	7366465	1.01	cps
Indium	115-2	280899	282797	282357	282018	0.35	cps
Iron	56-2	129183045	129495864	128666531	129115146	0.32	cps
Iron	57-2	3314844	3290203	3307470	3304172	0.38	cps
Lead	206-1	10193	10544	9771	10169	3.81	cps
Lead	207-1	9070	9048	8759	8959	1.94	cps
Lead	208-1	40721	41878	40260	40953	2.04	cps
Lithium	6-1	1074985	1043211	1073843	1064013	1.69	cps
Magnesium	24-2	14111198	14036988	14107576	14085254	0.30	cps
Manganese	55-2	1030	1097	1050	1059	3.23	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:07:29	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4051	3617	3742	3803	5.87	cps
Molybdenum	95-1	4518	4026	4192	4245	5.89	cps
Molybdenum	96-1	7794	7169	7194	7386	4.79	cps
Molybdenum	97-1	3092	2542	2609	2748	10.93	cps
Molybdenum	98-1	6677	6960	6218	6619	5.66	cps
Neodymium	150-1	100	67	120	96	28.20	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	1323	1287	1253	1288	2.72	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	3849519	3867418	3854550	3857163	0.24	cps
Rhodium	103-1	6679209	6560878	6644413	6628167	0.92	cps
Rhodium	103-2	1641375	1629354	1633873	1634867	0.37	cps
Scandium	45-1	4264194	4158658	4236237	4219697	1.30	cps
Scandium	45-2	31258	31205	31679	31381	0.83	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-10	87	39	39	125.81	cps
Silicon	28-1	490518	485384	488675	488192	0.53	cps
Silver	109-1	1117	908	967	997	10.78	cps
Silver	107-1	1167	1075	1250	1164	7.52	cps
Sodium	23-2	35156771	35006133	34786636	34983180	0.53	cps
Strontium	86-1	91539	93427	90667	91877	1.54	cps
Strontium	88-1	783554	795024	789846	789475	0.73	cps
Sulfur	34-1	386466	385507	388148	386707	0.35	cps
Terbium	159-1	9254160	9235046	9300062	9263089	0.36	cps
Terbium	159-2	1806451	1789955	1778002	1791469	0.80	cps
Thallium	203-1	2142	1892	1750	1928	10.29	cps
Thallium	205-1	4676	4643	4434	4584	2.86	cps
Tin	118-1	5143	5618	4918	5226	6.84	cps
Titanium	47-1	825	975	800	867	10.92	cps
Uranium	238-1	1442	1659	1425	1509	8.63	cps
Vanadium	51-2	167	167	187	173	6.66	cps
Yttrium	89-1	8032175	7890333	8117405	8013304	1.43	cps
Yttrium	89-2	213813	214811	214457	214360	0.24	cps
Zinc	66-2	1053	967	1023	1014	4.34	cps
Zirconium	90-1	3026	3059	3092	3059	1.09	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:07:29	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	642	642	656	3.67	cps

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 12:17:25 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2825	2709	2484	2673	6.50	cps
Antimony	121-1	1891771	1886431	1895575	1891259	0.24	cps
Arsenic	75-2	19416	19056	18922	19131	1.33	cps
Barium	135-1	191627	194203	194394	193408	0.80	cps
Barium	137-1	334347	337439	340437	337408	0.90	cps
Beryllium	9-1	130715	132527	133553	132265	1.09	cps
Bismuth	209-1	5094356	5128221	5168012	5130196	0.72	cps
Bismuth	209-2	1515315	1504834	1501896	1507348	0.47	cps
Boron	10-1	87391	89226	90115	88911	1.56	cps
Boron	11-1	410251	412481	416991	413241	0.83	cps
Cadmium	111-1	214734	215506	217833	216024	0.75	cps
Cadmium	106-1	35857	35732	35515	35701	0.49	cps
Cadmium	108-1	19327	19214	19402	19314	0.49	cps
Calcium	43-1	45324	45333	46027	45561	0.89	cps
Calcium	44-1	732363	729447	736783	732864	0.50	cps
Chromium	52-2	80962	80862	80557	80794	0.26	cps
Cobalt	59-2	180924	178615	180297	179945	0.66	cps
Copper	63-2	157258	158229	156092	157193	0.68	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	92	75	75	81	11.95	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	67	75	17	53	59.77	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	8643232	8483005	8597272	8574503	0.96	cps
Holmium	165-2	1883362	1861909	1851249	1865507	0.88	cps
Indium	115-1	7580072	7566555	7593775	7580134	0.18	cps
Indium	115-2	295891	293901	293476	294423	0.44	cps
Iron	56-2	547483	544194	540384	544020	0.65	cps
Iron	57-2	13562	13462	13596	13540	0.51	cps
Lead	206-1	1022272	1017948	1034023	1024748	0.81	cps
Lead	207-1	878948	898006	904022	893659	1.46	cps
Lead	208-1	4132619	4193112	4194615	4173449	0.85	cps
Lithium	6-1	1118759	1137331	1144389	1133493	1.17	cps
Magnesium	24-2	34042	35287	34075	34468	2.06	cps
Manganese	55-2	21974	21697	21504	21725	1.09	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:17:25	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3957076	3953038	3950750	3953622	0.08	cps
Molybdenum	95-1	2155067	2158599	2168719	2160795	0.33	cps
Molybdenum	96-1	2749090	2789068	2737057	2758405	0.99	cps
Molybdenum	97-1	1304076	1309388	1312705	1308723	0.33	cps
Molybdenum	98-1	3451242	3464575	3456422	3457413	0.19	cps
Neodymium	150-1	20	33	13	22	45.83	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	54376	54172	53803	54117	0.54	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	34067	34978	35128	34725	1.65	cps
Rhodium	103-1	7141804	7181840	7151498	7158381	0.29	cps
Rhodium	103-2	1765913	1778429	1728034	1757458	1.49	cps
Scandium	45-1	4382245	4320695	4335038	4345992	0.74	cps
Scandium	45-2	32267	32301	32581	32383	0.53	cps
Selenium	77-2	120	110	150	127	16.43	cps
Selenium	78-2	450	433	441	441	1.89	cps
Selenium	82-1	26179	26276	26718	26391	1.09	cps
Silicon	28-1	2233369	2267983	2250134	2250495	0.77	cps
Silver	109-1	948358	960190	962337	956962	0.79	cps
Silver	107-1	1004284	1013651	1020708	1012881	0.81	cps
Sodium	23-2	149857	148652	147129	148546	0.92	cps
Strontium	86-1	1373422	1374812	1374313	1374183	0.05	cps
Strontium	88-1	11756419	11774473	11740690	11757194	0.14	cps
Sulfur	34-1	390236	392249	387113	389866	0.66	cps
Terbium	159-1	9009104	9026292	8965695	9000364	0.35	cps
Terbium	159-2	1804696	1826492	1804195	1811794	0.70	cps
Thallium	203-1	1291544	1294903	1299070	1295172	0.29	cps
Thallium	205-1	3134795	3141663	3137458	3137972	0.11	cps
Tin	118-1	3445064	3479204	3495725	3473331	0.74	cps
Titanium	47-1	559002	557614	558406	558340	0.12	cps
Uranium	238-1	10460284	10748376	10558301	10588987	1.38	cps
Vanadium	51-2	60986	59489	60222	60232	1.24	cps
Yttrium	89-1	8152517	8300311	8151778	8201535	1.04	cps
Yttrium	89-2	219238	219706	218660	219201	0.24	cps
Zinc	66-2	26646	26148	26552	26449	1.00	cps
Zirconium	90-1	7533160	7505080	7472394	7503545	0.41	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:17:25	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1688545	1691982	1683888	1688138	0.24	cps

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 12:20:29 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	0	14	91.65	cps
Antimony	121-1	1475	1142	1809	1475	22.60	cps
Arsenic	75-2	4	7	4	5	43.39	cps
Barium	135-1	33	33	25	31	15.74	cps
Barium	137-1	33	83	83	67	43.30	cps
Beryllium	9-1	317	222	211	250	23.20	cps
Bismuth	209-1	5125708	5133733	5152058	5137166	0.26	cps
Bismuth	209-2	1498428	1511728	1536041	1515399	1.26	cps
Boron	10-1	2142	2217	1959	2106	6.31	cps
Boron	11-1	10788	10504	10504	10599	1.54	cps
Cadmium	111-1	1269	1153	1096	1173	7.54	cps
Cadmium	106-1	1792	1609	1542	1647	7.86	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	1767	1792	1825	1795	1.63	cps
Calcium	44-1	36741	38538	38529	37936	2.73	cps
Chromium	52-2	737	730	747	738	1.14	cps
Cobalt	59-2	57	110	60	76	39.55	cps
Copper	63-2	270	337	243	283	16.97	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	75	47	53.92	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	67	75	33	58	37.80	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	8578824	8519504	8394037	8497455	1.11	cps
Holmium	165-2	1859722	1866467	1887482	1871223	0.77	cps
Indium	115-1	7632345	7668873	7530424	7610547	0.94	cps
Indium	115-2	297772	299891	305652	301105	1.35	cps
Iron	56-2	2139	4260	2334	2911	40.28	cps
Iron	57-2	61	106	117	94	31.13	cps
Lead	206-1	767	683	689	713	6.53	cps
Lead	207-1	689	706	733	709	3.17	cps
Lead	208-1	3011	3011	2989	3004	0.43	cps
Lithium	6-1	1113859	1141177	1123113	1126050	1.23	cps
Magnesium	24-2	133	200	108	147	32.19	cps
Manganese	55-2	67	50	77	64	20.91	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:20:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	658	583	628	6.27	cps
Molybdenum	95-1	308	367	242	306	20.47	cps
Molybdenum	96-1	517	467	608	531	13.54	cps
Molybdenum	97-1	200	183	175	186	6.84	cps
Molybdenum	98-1	483	517	558	519	7.23	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	137	150	143	143	4.65	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2684	2775	2517	2659	4.93	cps
Rhodium	103-1	7152562	7203615	7049237	7135138	1.10	cps
Rhodium	103-2	1758961	1770277	1840132	1789790	2.46	cps
Scandium	45-1	4275862	4376281	4306570	4319571	1.19	cps
Scandium	45-2	31235	31806	32130	31724	1.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-89	-106	-9	-68	-76.54	cps
Silicon	28-1	455226	460667	464333	460075	1.00	cps
Silver	109-1	183	208	192	194	6.55	cps
Silver	107-1	233	367	225	275	28.91	cps
Sodium	23-2	5493	5360	5968	5607	5.71	cps
Strontium	86-1	758	1075	958	931	17.21	cps
Strontium	88-1	275	283	450	336	29.37	cps
Sulfur	34-1	379999	380325	379865	380063	0.06	cps
Terbium	159-1	8961460	9030102	8850422	8947328	1.01	cps
Terbium	159-2	1809943	1793220	1849314	1817492	1.58	cps
Thallium	203-1	433	550	300	428	29.24	cps
Thallium	205-1	1117	967	867	983	12.80	cps
Tin	118-1	3417	3109	3451	3326	5.67	cps
Titanium	47-1	125	175	192	164	21.17	cps
Uranium	238-1	425	333	550	436	24.94	cps
Vanadium	51-2	3	27	17	16	75.27	cps
Yttrium	89-1	8233206	8173978	8067463	8158216	1.03	cps
Yttrium	89-2	217239	217603	224707	219850	1.92	cps
Zinc	66-2	87	50	57	64	30.31	cps
Zirconium	90-1	1117	1167	1392	1225	11.96	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:20:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	242	450	292	48.07	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:23:39	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	508707	502109	505213	505343	0.65	cps
Antimony	121-1	11339	11072	11522	11311	2.00	cps
Arsenic	75-2	44	22	30	32	35.25	cps
Barium	135-1	3050	3034	3075	3053	0.69	cps
Barium	137-1	5076	4851	5176	5035	3.31	cps
Beryllium	9-1	678	578	578	611	9.45	cps
Bismuth	209-1	5073554	5101361	4908841	5027919	2.07	cps
Bismuth	209-2	1445414	1419608	1455777	1440266	1.29	cps
Boron	10-1	1792	1625	1742	1720	4.98	cps
Boron	11-1	8561	8428	7902	8297	4.20	cps
Cadmium	111-1	1951	1823	1743	1839	5.73	cps
Cadmium	106-1	1875	1759	1659	1764	6.15	cps
Cadmium	108-1	1046	1042	1050	1046	0.40	cps
Calcium	43-1	2007125	1994175	1985090	1995463	0.55	cps
Calcium	44-1	32601447	32410827	32598180	32536818	0.34	cps
Chromium	52-2	16570	15712	16944	16409	3.85	cps
Cobalt	59-2	2090	2014	2000	2035	2.39	cps
Copper	63-2	12232	12276	12229	12246	0.21	cps
Dysprosium	156-1	33	42	42	39	12.38	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	142	108	67	106	35.60	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	8845465	8886149	8590509	8774041	1.83	cps
Holmium	165-2	1888774	1856503	1891969	1879082	1.04	cps
Indium	115-1	7678961	7589192	7423889	7564014	1.71	cps
Indium	115-2	287244	282608	290387	286746	1.36	cps
Iron	56-2	51917019	52153237	52756464	52275573	0.83	cps
Iron	57-2	1316942	1319321	1329787	1322016	0.52	cps
Lead	206-1	24507	23428	24986	24307	3.28	cps
Lead	207-1	19193	19204	19977	19458	2.31	cps
Lead	208-1	92204	90405	92804	91804	1.36	cps
Lithium	6-1	1112084	1104254	1061307	1092548	2.50	cps
Magnesium	24-2	2830743	2841494	2883882	2852040	0.99	cps
Manganese	55-2	1687	1577	1723	1662	4.59	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:23:39	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4514616	4519420	4515812	4516616	0.06	cps
Molybdenum	95-1	8015193	7971668	7920458	7969106	0.60	cps
Molybdenum	96-1	8465897	8469259	8493889	8476348	0.18	cps
Molybdenum	97-1	4992402	4900648	4929310	4940787	0.95	cps
Molybdenum	98-1	12839974	12773446	12793670	12802363	0.27	cps
Neodymium	150-1	67	80	60	69	14.78	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	2984	2877	2817	2893	2.92	cps
Phosphorus	31-2	39464	38679	39790	39311	1.45	cps
Potassium	39-2	1579160	1573180	1595313	1582551	0.72	cps
Rhodium	103-1	6955503	7028734	6708993	6897743	2.43	cps
Rhodium	103-2	1714178	1677899	1694165	1695414	1.07	cps
Scandium	45-1	4359757	4405999	4287361	4351039	1.37	cps
Scandium	45-2	32033	31228	32371	31877	1.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	22	26	-44	1	2823.32	cps
Silicon	28-1	576484	578368	583177	579343	0.60	cps
Silver	109-1	2117	2059	2017	2064	2.43	cps
Silver	107-1	1892	2434	2142	2156	12.58	cps
Sodium	23-2	6979800	6966626	7116564	7020997	1.18	cps
Strontium	86-1	89879	90223	90583	90229	0.39	cps
Strontium	88-1	765002	772590	767576	768389	0.50	cps
Sulfur	34-1	2746891	2740753	2726147	2737930	0.39	cps
Terbium	159-1	9302555	9178585	8981837	9154326	1.77	cps
Terbium	159-2	1805825	1792336	1814559	1804240	0.62	cps
Thallium	203-1	783	808	792	795	1.60	cps
Thallium	205-1	1942	1834	1900	1892	2.89	cps
Tin	118-1	2409	2400	2800	2536	9.01	cps
Titanium	47-1	2124981	2140791	2157990	2141254	0.77	cps
Uranium	238-1	608	458	500	522	14.83	cps
Vanadium	51-2	100	87	100	96	8.05	cps
Yttrium	89-1	8206796	8279764	7967249	8151270	2.01	cps
Yttrium	89-2	215690	212258	217196	215048	1.18	cps
Zinc	66-2	1593	1603	1763	1653	5.77	cps
Zirconium	90-1	2934	2692	2825	2817	4.30	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:23:39	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	683	783	669	18.14	cps

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 12:26:42 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	503823	504595	506936	505118	0.32	cps
Antimony	121-1	196940	198909	200753	198867	0.96	cps
Arsenic	75-2	1928	1908	1845	1893	2.29	cps
Barium	135-1	42310	42778	43171	42753	1.01	cps
Barium	137-1	73489	73622	73881	73664	0.27	cps
Beryllium	9-1	26842	27866	26597	27102	2.48	cps
Bismuth	209-1	5079255	4979202	5100425	5052961	1.28	cps
Bismuth	209-2	1454909	1452539	1446388	1451278	0.30	cps
Boron	10-1	9820	10262	9837	9973	2.51	cps
Boron	11-1	45005	45557	46752	45771	1.95	cps
Cadmium	111-1	43541	43107	43765	43471	0.77	cps
Cadmium	106-1	6885	6694	7010	6863	2.33	cps
Cadmium	108-1	3846	4072	4117	4012	3.61	cps
Calcium	43-1	2007001	1986974	2021602	2005192	0.87	cps
Calcium	44-1	32557753	32689010	32536729	32594497	0.25	cps
Chromium	52-2	32685	33206	32254	32715	1.46	cps
Cobalt	59-2	37170	36468	36959	36866	0.98	cps
Copper	63-2	43167	43391	43541	43366	0.43	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	75	75	75	75	0.00	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	117	158	100	125	24.04	cps
Gadolinium	160-2	27	10	10	16	61.87	cps
Holmium	165-1	8782654	8847183	8962882	8864240	1.03	cps
Holmium	165-2	1923133	1891967	1859551	1891550	1.68	cps
Indium	115-1	7567656	7675080	7693137	7645291	0.89	cps
Indium	115-2	295119	291984	291119	292741	0.72	cps
Iron	56-2	52235426	52363555	52110387	52236456	0.24	cps
Iron	57-2	1323728	1316576	1319277	1319860	0.27	cps
Lead	206-1	128690	127876	128325	128297	0.32	cps
Lead	207-1	106168	106863	106700	106577	0.34	cps
Lead	208-1	495208	493212	493907	494109	0.21	cps
Lithium	6-1	1090397	1084299	1094074	1089590	0.45	cps
Magnesium	24-2	2825848	2822878	2835654	2828127	0.24	cps
Manganese	55-2	5938	6108	6108	6051	1.62	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:26:42	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4860740	4950346	4953734	4921606	1.07	cps
Molybdenum	95-1	8148301	8278858	8173615	8200258	0.84	cps
Molybdenum	96-1	8791762	8751765	8867405	8803644	0.67	cps
Molybdenum	97-1	5051699	5076971	5134227	5087632	0.83	cps
Molybdenum	98-1	13132157	13213739	13153290	13166395	0.32	cps
Neodymium	150-1	53	27	27	36	43.30	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	13006	13527	12816	13116	2.80	cps
Phosphorus	31-2	38963	40008	39439	39470	1.32	cps
Potassium	39-2	1601353	1612641	1602145	1605379	0.39	cps
Rhodium	103-1	7013645	6972886	7133247	7039926	1.18	cps
Rhodium	103-2	1716744	1672318	1703236	1697432	1.34	cps
Scandium	45-1	4357341	4414899	4381414	4384551	0.66	cps
Scandium	45-2	32428	32274	32294	32332	0.26	cps
Selenium	77-2	7	30	13	17	72.11	cps
Selenium	78-2	46	44	30	40	22.77	cps
Selenium	82-1	2589	2642	2605	2612	1.04	cps
Silicon	28-1	810050	825353	837487	824297	1.67	cps
Silver	109-1	183832	185138	187481	185484	1.00	cps
Silver	107-1	194120	196775	196234	195710	0.72	cps
Sodium	23-2	6933503	6929996	6964317	6942605	0.27	cps
Strontium	86-1	230023	231889	231275	231062	0.41	cps
Strontium	88-1	2012933	2012001	2016112	2013682	0.11	cps
Sulfur	34-1	2706355	2683317	2708637	2699436	0.52	cps
Terbium	159-1	9062332	9355173	9423782	9280429	2.07	cps
Terbium	159-2	1833447	1806933	1807752	1816044	0.83	cps
Thallium	203-1	128134	127552	129563	128416	0.81	cps
Thallium	205-1	304861	307624	307404	306630	0.50	cps
Tin	118-1	348409	352773	350447	350543	0.62	cps
Titanium	47-1	2174806	2194211	2165071	2178029	0.68	cps
Uranium	238-1	993095	1000777	1011430	1001768	0.92	cps
Vanadium	51-2	11905	12069	12122	12032	0.94	cps
Yttrium	89-1	8275097	8323803	8347666	8315522	0.44	cps
Yttrium	89-2	219501	218676	217643	218607	0.43	cps
Zinc	66-2	4254	4187	4027	4156	2.80	cps
Zirconium	90-1	776006	779648	776089	777248	0.27	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:26:42	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	170775	170497	173449	171574	0.95	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:29:46	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	271607	273414	288605	277876	3.36	cps
Antimony	121-1	4909593	4958563	4689449	4852535	2.95	cps
Arsenic	75-2	46571	45783	48449	46934	2.92	cps
Barium	135-1	5054089	5057077	4876458	4995875	2.07	cps
Barium	137-1	8691026	8810292	8345334	8615550	2.80	cps
Beryllium	9-1	671044	675705	646609	664453	2.35	cps
Bismuth	209-1	5107964	5109327	4914614	5043968	2.22	cps
Bismuth	209-2	1362057	1360397	1431056	1384503	2.91	cps
Boron	10-1	77736	80333	77124	78398	2.17	cps
Boron	11-1	359546	367485	356425	361152	1.58	cps
Cadmium	111-1	1031936	1040456	1004992	1025795	1.80	cps
Cadmium	106-1	108190	108401	105687	107426	1.41	cps
Cadmium	108-1	72795	72364	71015	72058	1.29	cps
Calcium	43-1	5006899	5045717	4879387	4977334	1.75	cps
Calcium	44-1	81696854	82635644	79209471	81180656	2.18	cps
Chromium	52-2	393611	392108	414855	400191	3.18	cps
Cobalt	59-2	833395	830085	880443	847974	3.32	cps
Copper	63-2	1432171	1424177	1517345	1457898	3.54	cps
Dysprosium	156-1	42	75	108	75	44.44	cps
Dysprosium	156-2	23	23	7	18	54.11	cps
Erbium	164-1	50	92	33	58	51.51	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	175	100	125	133	28.64	cps
Gadolinium	160-2	40	23	13	26	52.73	cps
Holmium	165-1	8970360	8897758	8550915	8806344	2.55	cps
Holmium	165-2	1790871	1781975	1878962	1817269	2.95	cps
Indium	115-1	7534811	7592676	7288961	7472149	2.16	cps
Indium	115-2	273630	270609	285061	276434	2.76	cps
Iron	56-2	62692338	62311449	65727567	63577118	2.94	cps
Iron	57-2	1628610	1590289	1702892	1640597	3.49	cps
Lead	206-1	2685305	2694888	2596605	2658933	2.04	cps
Lead	207-1	2428771	2452447	2317500	2399573	3.00	cps
Lead	208-1	10823955	10912429	10462320	10732902	2.22	cps
Lithium	6-1	1082692	1093972	1045705	1074123	2.35	cps
Magnesium	24-2	6829451	6739504	7232053	6933669	3.78	cps
Manganese	55-2	208398	208849	217973	211740	2.55	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:29:46	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3991271	4015828	3810681	3939260	2.84	cps
Molybdenum	95-1	2160083	2156840	2085704	2134209	1.97	cps
Molybdenum	96-1	2749904	2811227	2630767	2730633	3.36	cps
Molybdenum	97-1	1307703	1317853	1251442	1292332	2.77	cps
Molybdenum	98-1	3376913	3424400	3272438	3357917	2.32	cps
Neodymium	150-1	173	180	247	200	20.28	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	245549	244647	256195	248797	2.58	cps
Phosphorus	31-2	3609	3751	3784	3715	2.50	cps
Potassium	39-2	1951476	1955808	2054266	1987183	2.93	cps
Rhodium	103-1	6864105	6866058	6597080	6775748	2.28	cps
Rhodium	103-2	1600066	1575087	1690102	1621751	3.73	cps
Scandium	45-1	4373614	4440288	4230324	4348075	2.47	cps
Scandium	45-2	30283	31225	31980	31163	2.73	cps
Selenium	77-2	320	300	387	336	13.52	cps
Selenium	78-2	1004	1032	1156	1064	7.60	cps
Selenium	82-1	65781	65898	63949	65209	1.68	cps
Silicon	28-1	2516930	2566036	2524075	2535681	1.05	cps
Silver	109-1	4889618	4806508	4687546	4794557	2.12	cps
Silver	107-1	5174884	5156247	4943252	5091461	2.53	cps
Sodium	23-2	17076140	17055376	17954393	17361970	2.96	cps
Strontium	86-1	1392993	1421942	1350861	1388599	2.57	cps
Strontium	88-1	12049998	11999721	11527403	11859041	2.43	cps
Sulfur	34-1	669216	674238	657401	666951	1.30	cps
Terbium	159-1	9308705	9397832	8940104	9215547	2.63	cps
Terbium	159-2	1721702	1703328	1813951	1746327	3.39	cps
Thallium	203-1	3340483	3315534	3198691	3284902	2.30	cps
Thallium	205-1	7712166	7690990	7424842	7609333	2.10	cps
Tin	118-1	3431324	3454305	3289284	3391638	2.64	cps
Titanium	47-1	550984	552699	535889	546524	1.69	cps
Uranium	238-1	10041633	10118555	9676302	9945497	2.38	cps
Vanadium	51-2	295401	295837	311665	300968	3.08	cps
Yttrium	89-1	8356145	8325855	8000631	8227544	2.40	cps
Yttrium	89-2	205862	206070	216328	209420	2.86	cps
Zinc	66-2	120747	121262	127876	123295	3.22	cps
Zirconium	90-1	7526190	7624323	7318101	7489538	2.09	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:29:46	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1714476	1702240	1660563	1692426	1.67	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:32:46	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	8	33	66.15	cps
Antimony	121-1	3217	3201	3609	3342	6.92	cps
Arsenic	75-2	4	6	7	6	33.38	cps
Barium	135-1	33	92	50	58	51.51	cps
Barium	137-1	50	67	67	61	15.75	cps
Beryllium	9-1	261	294	239	265	10.56	cps
Bismuth	209-1	5207709	5202102	5070792	5160201	1.50	cps
Bismuth	209-2	1543767	1529779	1525562	1533036	0.62	cps
Boron	10-1	2109	2175	2000	2095	4.22	cps
Boron	11-1	10254	9645	9387	9762	4.56	cps
Cadmium	111-1	1303	1134	1238	1225	6.97	cps
Cadmium	106-1	1784	1567	1684	1678	6.46	cps
Cadmium	108-1	29	13	17	19	44.61	cps
Calcium	43-1	1775	1775	1750	1767	0.82	cps
Calcium	44-1	38370	39599	39883	39284	2.05	cps
Chromium	52-2	713	727	727	722	1.07	cps
Cobalt	59-2	40	47	50	46	11.18	cps
Copper	63-2	450	353	410	404	12.01	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	8617383	8676879	8606358	8633540	0.44	cps
Holmium	165-2	1927500	1922544	1925311	1925118	0.13	cps
Indium	115-1	7787274	7861799	7652644	7767239	1.36	cps
Indium	115-2	309376	308588	306685	308217	0.45	cps
Iron	56-2	3106	3106	3200	3137	1.74	cps
Iron	57-2	61	56	83	67	22.05	cps
Lead	206-1	633	828	750	737	13.28	cps
Lead	207-1	700	678	661	680	2.87	cps
Lead	208-1	2884	3134	3095	3037	4.43	cps
Lithium	6-1	1114290	1122991	1095203	1110828	1.28	cps
Magnesium	24-2	192	175	225	197	12.91	cps
Manganese	55-2	67	90	77	78	15.05	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:32:46	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	758	658	758	725	7.96	cps
Molybdenum	95-1	675	583	517	592	13.44	cps
Molybdenum	96-1	650	750	658	686	8.09	cps
Molybdenum	97-1	383	375	308	356	11.56	cps
Molybdenum	98-1	1192	683	808	895	29.61	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	153	73	123	35.35	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2934	2992	2759	2895	4.20	cps
Rhodium	103-1	7342842	7403320	7163631	7303264	1.71	cps
Rhodium	103-2	1840570	1822379	1785309	1816086	1.55	cps
Scandium	45-1	4383931	4421131	4362013	4389025	0.68	cps
Scandium	45-2	32621	32721	32618	32654	0.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-107	31	-12	-29	-242.78	cps
Silicon	28-1	472693	461609	465544	466615	1.20	cps
Silver	109-1	583	408	617	536	20.87	cps
Silver	107-1	775	642	692	703	9.58	cps
Sodium	23-2	10321	10629	9420	10123	6.21	cps
Strontium	86-1	950	892	883	908	4.00	cps
Strontium	88-1	283	292	233	269	11.71	cps
Sulfur	34-1	361630	360997	356446	359691	0.79	cps
Terbium	159-1	9163193	9167907	9010530	9113877	0.98	cps
Terbium	159-2	1852329	1837966	1827865	1839387	0.67	cps
Thallium	203-1	883	625	592	700	22.81	cps
Thallium	205-1	1492	1525	1367	1461	5.71	cps
Tin	118-1	2250	1992	1909	2050	8.69	cps
Titanium	47-1	158	167	225	183	19.81	cps
Uranium	238-1	308	225	175	236	28.53	cps
Vanadium	51-2	13	0	7	7	99.98	cps
Yttrium	89-1	8250476	8373045	8087990	8237170	1.74	cps
Yttrium	89-2	228307	225159	223896	225787	1.01	cps
Zinc	66-2	100	130	117	116	13.01	cps
Zirconium	90-1	1367	1058	1017	1147	16.67	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:32:46	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	292	208	225	26.71	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:35:54	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	167	117	139	18.33	cps
Antimony	121-1	18822	18814	19081	18906	0.80	cps
Arsenic	75-2	102	106	119	109	8.06	cps
Barium	135-1	17496	17404	17562	17487	0.45	cps
Barium	137-1	31505	31347	30428	31093	1.87	cps
Beryllium	9-1	1611	1322	1300	1411	12.30	cps
Bismuth	209-1	4986930	4806453	5097604	4963662	2.96	cps
Bismuth	209-2	1534053	1520930	1532893	1529292	0.48	cps
Boron	10-1	4959	4734	4676	4790	3.12	cps
Boron	11-1	22168	21659	22218	22015	1.41	cps
Cadmium	111-1	3112	2901	3330	3114	6.88	cps
Cadmium	106-1	1950	1584	2050	1861	13.20	cps
Cadmium	108-1	113	183	175	157	24.67	cps
Calcium	43-1	11030	11255	10638	10974	2.85	cps
Calcium	44-1	188754	190923	188984	189554	0.63	cps
Chromium	52-2	2487	2167	2387	2347	6.98	cps
Cobalt	59-2	1710	1703	1670	1695	1.26	cps
Copper	63-2	3454	3387	3527	3456	2.03	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	117	50	42	69	59.19	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	50	75	83	69	24.98	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	8441164	8134687	8574132	8383328	2.69	cps
Holmium	165-2	1952687	1935196	1902745	1930209	1.31	cps
Indium	115-1	7676372	7373748	7712708	7587609	2.45	cps
Indium	115-2	312474	312030	311811	312105	0.11	cps
Iron	56-2	27405	28123	27617	27715	1.33	cps
Iron	57-2	750	633	672	685	8.67	cps
Lead	206-1	6018	5557	6091	5889	4.92	cps
Lead	207-1	4851	5257	5168	5092	4.19	cps
Lead	208-1	22842	22931	23960	23244	2.67	cps
Lithium	6-1	1118936	1057159	1114023	1096706	3.13	cps
Magnesium	24-2	14099	13499	13365	13654	2.86	cps
Manganese	55-2	273	220	277	257	12.39	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:35:54	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16578	16085	15293	15985	4.06	cps
Molybdenum	95-1	18897	18922	19223	19014	0.95	cps
Molybdenum	96-1	20466	21802	21318	21195	3.19	cps
Molybdenum	97-1	11772	12023	11155	11650	3.83	cps
Molybdenum	98-1	29366	30368	30510	30082	2.07	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	620	623	577	607	4.29	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	10104	10346	10413	10288	1.58	cps
Rhodium	103-1	7108227	6804670	7245780	7052893	3.20	cps
Rhodium	103-2	1826252	1840043	1816125	1827473	0.66	cps
Scandium	45-1	4314026	4173345	4443468	4310280	3.13	cps
Scandium	45-2	32859	32722	32932	32837	0.33	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	17	6	13	12	48.22	cps
Selenium	82-1	652	517	529	566	13.20	cps
Silicon	28-1	482045	501075	495783	492968	1.99	cps
Silver	109-1	12106	12031	12281	12139	1.06	cps
Silver	107-1	12640	13157	12798	12865	2.06	cps
Sodium	23-2	42138	40041	39547	40576	3.39	cps
Strontium	86-1	3434	3717	3501	3551	4.17	cps
Strontium	88-1	22544	22302	22286	22377	0.65	cps
Sulfur	34-1	362196	359291	363733	361740	0.62	cps
Terbium	159-1	8939940	8530368	9014057	8828122	2.95	cps
Terbium	159-2	1875616	1890167	1845221	1870335	1.23	cps
Thallium	203-1	6102	6177	6293	6191	1.56	cps
Thallium	205-1	14693	14843	14609	14715	0.80	cps
Tin	118-1	31814	31839	32357	32003	0.96	cps
Titanium	47-1	5185	5110	4734	5009	4.81	cps
Uranium	238-1	16846	17363	17313	17174	1.66	cps
Vanadium	51-2	2964	2777	2747	2829	4.15	cps
Yttrium	89-1	8326108	7819232	8313389	8152910	3.55	cps
Yttrium	89-2	227836	228008	227107	227650	0.21	cps
Zinc	66-2	367	323	340	343	6.37	cps
Zirconium	90-1	13983	14258	14450	14230	1.65	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:35:54	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3276	3559	3509	3448	4.39	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:39:03	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	25	28	17.31	cps
Antimony	121-1	567	600	717	628	12.55	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	17	17	25	19	24.73	cps
Barium	137-1	25	58	67	50	44.10	cps
Beryllium	9-1	211	272	167	217	24.46	cps
Bismuth	209-1	5133804	5126443	5167870	5142706	0.43	cps
Bismuth	209-2	1542904	1531301	1526595	1533600	0.55	cps
Boron	10-1	1283	1300	1317	1300	1.28	cps
Boron	11-1	5826	6027	5743	5865	2.48	cps
Cadmium	111-1	1251	1125	1234	1203	5.67	cps
Cadmium	106-1	1775	1592	1734	1700	5.65	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	1834	1867	1809	1836	1.59	cps
Calcium	44-1	37099	38094	37183	37459	1.47	cps
Chromium	52-2	747	740	780	756	2.84	cps
Cobalt	59-2	47	37	53	46	18.41	cps
Copper	63-2	327	293	270	297	9.60	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	58	17	47	56.72	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	75	92	69	36.66	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	8760197	8624222	8586544	8656988	1.06	cps
Holmium	165-2	1937467	1919068	1914587	1923707	0.63	cps
Indium	115-1	7799890	7815697	7835233	7816940	0.23	cps
Indium	115-2	312995	308496	309234	310242	0.78	cps
Iron	56-2	2384	2478	2272	2378	4.33	cps
Iron	57-2	78	111	67	85	27.15	cps
Lead	206-1	733	772	611	706	11.92	cps
Lead	207-1	722	617	528	622	15.65	cps
Lead	208-1	2956	3022	2845	2941	3.05	cps
Lithium	6-1	1122944	1121750	1120627	1121774	0.10	cps
Magnesium	24-2	150	192	192	178	13.53	cps
Manganese	55-2	67	47	77	63	24.12	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:39:03	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450	350	325	375	17.64	cps
Molybdenum	95-1	183	142	175	167	13.23	cps
Molybdenum	96-1	175	233	283	231	23.52	cps
Molybdenum	97-1	150	150	150	150	0.00	cps
Molybdenum	98-1	192	258	292	247	20.59	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	93	113	113	107	10.82	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	2800	2675	3125	2867	8.10	cps
Rhodium	103-1	7206674	7363697	7287397	7285923	1.08	cps
Rhodium	103-2	1849223	1818748	1830536	1832836	0.84	cps
Scandium	45-1	4451268	4393627	4444617	4429837	0.71	cps
Scandium	45-2	32702	32504	33760	32989	2.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	7	2	4	65.54	cps
Selenium	82-1	91	-121	-71	-34	-327.56	cps
Silicon	28-1	456168	452945	452417	453843	0.45	cps
Silver	109-1	258	192	300	250	21.86	cps
Silver	107-1	267	342	283	297	13.25	cps
Sodium	23-2	6669	6318	5660	6216	8.24	cps
Strontium	86-1	842	1008	1058	970	11.70	cps
Strontium	88-1	192	267	300	253	21.95	cps
Sulfur	34-1	368393	368266	374138	370266	0.91	cps
Terbium	159-1	9058577	9104501	9149260	9104113	0.50	cps
Terbium	159-2	1891147	1885949	1838657	1871918	1.55	cps
Thallium	203-1	250	275	300	275	9.09	cps
Thallium	205-1	600	658	625	628	4.66	cps
Tin	118-1	1308	1233	1500	1347	10.21	cps
Titanium	47-1	200	150	200	183	15.75	cps
Uranium	238-1	108	67	58	78	34.44	cps
Vanadium	51-2	10	13	13	12	15.73	cps
Yttrium	89-1	8356135	8257273	8316676	8310028	0.60	cps
Yttrium	89-2	228808	224295	227649	226917	1.03	cps
Zinc	66-2	27	67	50	48	42.05	cps
Zirconium	90-1	600	775	625	667	14.20	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:39:03	DataFile Name :	019CCBE.d

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

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:42:12	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	250	167	214	19.99	cps
Antimony	121-1	36927	37688	37144	37253	1.05	cps
Arsenic	75-2	213	215	222	217	2.26	cps
Barium	135-1	36978	37379	35975	36777	1.97	cps
Barium	137-1	63796	65296	64642	64578	1.16	cps
Beryllium	9-1	2817	2911	2906	2878	1.84	cps
Bismuth	209-1	5115419	5091630	5061689	5089579	0.53	cps
Bismuth	209-2	1510104	1510122	1496566	1505597	0.52	cps
Boron	10-1	7219	7986	8461	7889	7.95	cps
Boron	11-1	35888	35119	36840	35949	2.40	cps
Cadmium	111-1	5211	5115	5355	5227	2.31	cps
Cadmium	106-1	2242	1842	2167	2084	10.21	cps
Cadmium	108-1	346	279	292	306	11.60	cps
Calcium	43-1	20140	21100	20791	20677	2.37	cps
Calcium	44-1	350910	351219	355789	352639	0.77	cps
Chromium	52-2	4111	3801	3947	3953	3.92	cps
Cobalt	59-2	3661	3614	3791	3688	2.48	cps
Copper	63-2	6892	6925	7205	7007	2.46	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	67	67	100	78	24.75	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	50	67	67	61	15.75	cps
Gadolinium	160-2	10	17	0	9	94.38	cps
Holmium	165-1	8533723	8633055	8504140	8556973	0.79	cps
Holmium	165-2	1914865	1909764	1906776	1910468	0.21	cps
Indium	115-1	7749399	7745434	7796577	7763804	0.37	cps
Indium	115-2	307713	305613	306814	306714	0.34	cps
Iron	56-2	210759	212551	209739	211016	0.67	cps
Iron	57-2	5268	5396	5585	5416	2.94	cps
Lead	206-1	11600	12017	12062	11893	2.14	cps
Lead	207-1	11339	10771	10922	11011	2.67	cps
Lead	208-1	48487	48832	48042	48454	0.82	cps
Lithium	6-1	1111262	1120801	1115838	1115967	0.43	cps
Magnesium	24-2	27369	28145	28204	27906	1.67	cps
Manganese	55-2	497	550	543	530	5.48	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:42:12	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	32573	33259	31930	32587	2.04	cps
Molybdenum	95-1	38029	39609	37528	38389	2.83	cps
Molybdenum	96-1	42760	43187	42468	42805	0.84	cps
Molybdenum	97-1	24222	24097	24632	24317	1.15	cps
Molybdenum	98-1	61072	61767	62428	61756	1.10	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1220	1133	1350	1235	8.83	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	18772	18037	19039	18616	2.79	cps
Rhodium	103-1	7271710	7356484	7195895	7274696	1.10	cps
Rhodium	103-2	1810496	1833823	1799754	1814691	0.96	cps
Scandium	45-1	4406234	4432513	4408113	4415620	0.33	cps
Scandium	45-2	32020	32441	32605	32355	0.93	cps
Selenium	77-2	7	17	7	10	57.72	cps
Selenium	78-2	22	33	19	25	31.22	cps
Selenium	82-1	1260	1269	1310	1279	2.07	cps
Silicon	28-1	529302	537140	531794	532746	0.75	cps
Silver	109-1	19690	19698	20216	19868	1.52	cps
Silver	107-1	20909	20717	20642	20756	0.66	cps
Sodium	23-2	74286	74042	74219	74182	0.17	cps
Strontium	86-1	6310	6160	6552	6341	3.12	cps
Strontium	88-1	47960	47233	47040	47411	1.02	cps
Sulfur	34-1	379434	375024	374289	376249	0.74	cps
Terbium	159-1	9033694	9030613	8972117	9012141	0.38	cps
Terbium	159-2	1840586	1835991	1806049	1827542	1.03	cps
Thallium	203-1	12415	12707	12749	12624	1.44	cps
Thallium	205-1	29126	28993	29243	29120	0.43	cps
Tin	118-1	64130	65662	64716	64836	1.19	cps
Titanium	47-1	10346	10454	10446	10415	0.58	cps
Uranium	238-1	35009	35711	36438	35719	2.00	cps
Vanadium	51-2	5855	5778	5978	5870	1.72	cps
Yttrium	89-1	8286464	8249114	8221878	8252485	0.39	cps
Yttrium	89-2	223991	223854	225196	224347	0.33	cps
Zinc	66-2	617	643	637	632	2.20	cps
Zirconium	90-1	29040	28673	28406	28706	1.11	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	PB102003BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:42:12	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6452	6585	6652	6563	1.55	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:45:20	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101270	102153	99432	100951	1.38	cps
Antimony	121-1	59927	60571	58228	59575	2.03	cps
Arsenic	75-2	2902	2993	2961	2952	1.56	cps
Barium	135-1	797698	795888	783816	792467	0.95	cps
Barium	137-1	1396442	1379844	1388576	1388287	0.60	cps
Beryllium	9-1	2584	2800	2628	2671	4.29	cps
Bismuth	209-1	5021269	5075545	5162465	5086426	1.40	cps
Bismuth	209-2	1509105	1483338	1331002	1441148	6.68	cps
Boron	10-1	2209	2275	2442	2309	5.21	cps
Boron	11-1	10346	10137	10671	10385	2.59	cps
Cadmium	111-1	5069	5214	5313	5199	2.36	cps
Cadmium	106-1	2242	2384	2592	2406	7.32	cps
Cadmium	108-1	317	358	300	325	9.25	cps
Calcium	43-1	345220	344720	342008	343982	0.50	cps
Calcium	44-1	5686488	5672760	5654708	5671318	0.28	cps
Chromium	52-2	32869	31786	32538	32398	1.71	cps
Cobalt	59-2	44110	43886	43718	43905	0.45	cps
Copper	63-2	116553	117454	117505	117171	0.46	cps
Dysprosium	156-1	54950	54740	56331	55340	1.56	cps
Dysprosium	156-2	12099	12449	12486	12345	1.73	cps
Erbium	164-1	47898	47304	48358	47853	1.10	cps
Erbium	164-2	9737	9530	9407	9558	1.75	cps
Gadolinium	160-1	52516	52934	53009	52820	0.50	cps
Gadolinium	160-2	15556	14688	15059	15101	2.88	cps
Holmium	165-1	8438884	8618484	8534439	8530602	1.05	cps
Holmium	165-2	1914335	1878539	1693855	1828910	6.47	cps
Indium	115-1	7595110	7791780	7778586	7721825	1.42	cps
Indium	115-2	303994	299799	268688	290827	6.63	cps
Iron	56-2	24940092	24776238	25085649	24933993	0.62	cps
Iron	57-2	631803	621913	633144	628953	0.98	cps
Lead	206-1	2264184	2291144	2310721	2288683	1.02	cps
Lead	207-1	1912878	1900312	1906592	1906594	0.33	cps
Lead	208-1	8878836	8894212	8934729	8902592	0.32	cps
Lithium	6-1	1125727	1164719	1167600	1152682	2.03	cps
Magnesium	24-2	244730	244377	245394	244834	0.21	cps
Manganese	55-2	414803	411856	414090	413583	0.37	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:45:20	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	44216	43640	42602	43486	1.88	cps
Molybdenum	95-1	30343	30510	30719	30524	0.62	cps
Molybdenum	96-1	37453	36483	36475	36804	1.53	cps
Molybdenum	97-1	19382	18814	19223	19139	1.53	cps
Molybdenum	98-1	48162	48823	49533	48839	1.40	cps
Neodymium	150-1	82284	81614	83150	82349	0.94	cps
Neodymium	150-2	10958	10888	11038	10961	0.69	cps
Nickel	60-2	28292	28072	28292	28219	0.45	cps
Phosphorus	31-2	675	825	717	739	10.48	cps
Potassium	39-2	38353	39039	37117	38170	2.55	cps
Rhodium	103-1	7121703	7274510	7307736	7234650	1.37	cps
Rhodium	103-2	1817578	1792462	1604581	1738207	6.70	cps
Scandium	45-1	4394097	4574502	4474402	4481000	2.02	cps
Scandium	45-2	32999	32404	28319	31241	8.15	cps
Selenium	77-2	47	33	37	39	17.85	cps
Selenium	78-2	30	41	31	34	17.53	cps
Selenium	82-1	272	214	99	195	45.41	cps
Silicon	28-1	5790734	7278472	23410046	12159751	80.36	cps
Silver	109-1	5818	6660	6443	6307	6.93	cps
Silver	107-1	6644	6902	7386	6977	5.40	cps
Sodium	23-2	12539	13340	13465	13115	3.83	cps
Strontium	86-1	87143	81820	83008	83990	3.33	cps
Strontium	88-1	700107	697690	704577	700792	0.50	cps
Sulfur	34-1	374932	375626	376841	375800	0.26	cps
Terbium	159-1	8937981	9114385	9108975	9053780	1.11	cps
Terbium	159-2	1821805	1793161	1631824	1748930	5.86	cps
Thallium	203-1	3417	3334	3742	3498	6.17	cps
Thallium	205-1	7861	8045	7995	7967	1.19	cps
Tin	118-1	132958	133957	130625	132513	1.29	cps
Titanium	47-1	111851	112220	104369	109480	4.05	cps
Uranium	238-1	44590	43653	42784	43676	2.07	cps
Vanadium	51-2	38617	36912	37778	37769	2.26	cps
Yttrium	89-1	8954104	9173689	9138848	9088880	1.30	cps
Yttrium	89-2	246951	241777	220180	236303	6.01	cps
Zinc	66-2	39259	37464	38129	38284	2.37	cps
Zirconium	90-1	73616	71363	71213	72064	1.87	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:45:20	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	15993	15452	16002	15816	1.99	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:48:27	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86322	85190	86857	86123	0.99	cps
Antimony	121-1	36000	35582	35431	35671	0.83	cps
Arsenic	75-2	2391	2337	2447	2392	2.28	cps
Barium	135-1	670235	676472	674698	673801	0.48	cps
Barium	137-1	1169521	1170898	1173768	1171396	0.18	cps
Beryllium	9-1	2200	2078	2117	2132	2.93	cps
Bismuth	209-1	5023201	5165855	5088927	5092661	1.40	cps
Bismuth	209-2	1490485	1484041	1490862	1488462	0.26	cps
Boron	10-1	3017	3059	2750	2942	5.69	cps
Boron	11-1	12364	12731	13065	12720	2.76	cps
Cadmium	111-1	6425	6254	6556	6412	2.36	cps
Cadmium	106-1	2459	2525	2625	2536	3.31	cps
Cadmium	108-1	425	479	350	418	15.52	cps
Calcium	43-1	1247885	1245306	1229322	1240837	0.81	cps
Calcium	44-1	20217719	20168123	19986144	20123995	0.61	cps
Chromium	52-2	34623	35087	34493	34734	0.90	cps
Cobalt	59-2	31058	30731	30707	30832	0.64	cps
Copper	63-2	141704	143263	142957	142641	0.58	cps
Dysprosium	156-1	44410	44526	44359	44432	0.19	cps
Dysprosium	156-2	10261	10344	10374	10326	0.57	cps
Erbium	164-1	39319	39720	40247	39762	1.17	cps
Erbium	164-2	7806	7896	7752	7818	0.93	cps
Gadolinium	160-1	43013	43967	44737	43906	1.97	cps
Gadolinium	160-2	12042	11919	12396	12119	2.04	cps
Holmium	165-1	8592062	8707860	8652109	8650677	0.67	cps
Holmium	165-2	1875718	1882271	1882083	1880024	0.20	cps
Indium	115-1	7696534	7708390	7653866	7686263	0.37	cps
Indium	115-2	298518	297158	294523	296733	0.68	cps
Iron	56-2	23351310	23303300	23201030	23285213	0.33	cps
Iron	57-2	591667	585808	582274	586583	0.81	cps
Lead	206-1	3873095	3919338	3965651	3919361	1.18	cps
Lead	207-1	3319901	3308185	3355321	3327802	0.74	cps
Lead	208-1	15208910	15259709	15393655	15287425	0.62	cps
Lithium	6-1	1146632	1146824	1139561	1144339	0.36	cps
Magnesium	24-2	587733	589462	591886	589694	0.35	cps
Manganese	55-2	272118	273966	273084	273056	0.34	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:48:27	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	37579	38946	37949	38158	1.85	cps
Molybdenum	95-1	26736	26819	26552	26702	0.51	cps
Molybdenum	96-1	33451	32966	33025	33147	0.80	cps
Molybdenum	97-1	16402	16544	16385	16444	0.53	cps
Molybdenum	98-1	42894	43730	43345	43323	0.97	cps
Neodymium	150-1	66669	66803	65304	66259	1.25	cps
Neodymium	150-2	8550	8563	8550	8554	0.09	cps
Nickel	60-2	26766	27230	27133	27043	0.91	cps
Phosphorus	31-2	933	808	858	867	7.26	cps
Potassium	39-2	41824	39398	40953	40725	3.02	cps
Rhodium	103-1	7144781	7225359	7125176	7165105	0.74	cps
Rhodium	103-2	1760779	1753479	1764762	1759673	0.33	cps
Scandium	45-1	4468203	4498156	4373505	4446621	1.46	cps
Scandium	45-2	32849	31766	32775	32463	1.86	cps
Selenium	77-2	50	40	33	41	20.41	cps
Selenium	78-2	22	26	28	25	11.19	cps
Selenium	82-1	294	59	175	176	66.77	cps
Silicon	28-1	6131285	9533532	8942405	8202407	22.16	cps
Silver	109-1	5968	6127	6293	6129	2.65	cps
Silver	107-1	6702	7319	6227	6749	8.11	cps
Sodium	23-2	15534	15000	15509	15348	1.96	cps
Strontium	86-1	173296	168265	170039	170533	1.50	cps
Strontium	88-1	1483885	1491886	1516139	1497304	1.12	cps
Sulfur	34-1	393687	399358	394449	395831	0.78	cps
Terbium	159-1	9093594	9078039	9145298	9105644	0.39	cps
Terbium	159-2	1823974	1810484	1810530	1814996	0.43	cps
Thallium	203-1	2867	2984	2909	2920	2.02	cps
Thallium	205-1	7344	6835	7227	7136	3.73	cps
Tin	118-1	80417	83377	81070	81621	1.91	cps
Titanium	47-1	145003	144266	155410	148227	4.20	cps
Uranium	238-1	37976	39154	39456	38862	2.01	cps
Vanadium	51-2	30994	31135	31228	31119	0.38	cps
Yttrium	89-1	9018243	8912768	8895985	8942332	0.74	cps
Yttrium	89-2	238154	234637	236987	236593	0.76	cps
Zinc	66-2	73467	72900	72920	73096	0.44	cps
Zirconium	90-1	58203	60916	60241	59787	2.36	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:48:27	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	13968	13416	13324	13569	2.57	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:51:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108664	108383	106574	107874	1.05	cps
Antimony	121-1	89499	87394	88024	88306	1.22	cps
Arsenic	75-2	3712	3667	3721	3700	0.78	cps
Barium	135-1	731535	739618	729363	733506	0.74	cps
Barium	137-1	1279012	1269199	1281766	1276659	0.52	cps
Beryllium	9-1	2956	3078	2700	2911	6.62	cps
Bismuth	209-1	5052775	5041206	5047975	5047319	0.12	cps
Bismuth	209-2	1479272	1471372	1457363	1469336	0.76	cps
Boron	10-1	3034	3284	3092	3137	4.17	cps
Boron	11-1	13657	14091	13891	13879	1.56	cps
Cadmium	111-1	9419	9476	8870	9255	3.61	cps
Cadmium	106-1	2950	2784	2684	2806	4.80	cps
Cadmium	108-1	783	708	729	740	5.23	cps
Calcium	43-1	759280	769795	754619	761231	1.02	cps
Calcium	44-1	12455959	12604539	12573288	12544595	0.62	cps
Chromium	52-2	40218	40476	40094	40263	0.48	cps
Cobalt	59-2	33704	34449	34219	34124	1.12	cps
Copper	63-2	12569995	12404688	12420937	12465206	0.73	cps
Dysprosium	156-1	56582	55837	55201	55873	1.24	cps
Dysprosium	156-2	12246	12329	12840	12472	2.58	cps
Erbium	164-1	48458	48483	49110	48684	0.76	cps
Erbium	164-2	9654	9564	9677	9631	0.62	cps
Gadolinium	160-1	52590	52724	53837	53050	1.29	cps
Gadolinium	160-2	15329	15126	14942	15132	1.28	cps
Holmium	165-1	8553195	8544792	8602558	8566848	0.36	cps
Holmium	165-2	1856777	1856252	1826653	1846561	0.93	cps
Indium	115-1	7566510	7531650	7514299	7537486	0.35	cps
Indium	115-2	294096	288857	289347	290767	1.00	cps
Iron	56-2	29032040	28774454	28888218	28898237	0.45	cps
Iron	57-2	738688	727873	730099	732220	0.78	cps
Lead	206-1	6547975	6347132	6521283	6472130	1.69	cps
Lead	207-1	5274140	5260063	5320332	5284845	0.60	cps
Lead	208-1	24875952	24555023	24811534	24747503	0.69	cps
Lithium	6-1	1171348	1168223	1195181	1178251	1.25	cps
Magnesium	24-2	425456	421345	421927	422909	0.53	cps
Manganese	55-2	195883	194754	193655	194764	0.57	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:51:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	58260	57205	58352	57939	1.10	cps
Molybdenum	95-1	26794	26944	27378	27039	1.12	cps
Molybdenum	96-1	36542	37174	36534	36750	1.00	cps
Molybdenum	97-1	16911	17036	16402	16783	2.00	cps
Molybdenum	98-1	42476	42852	43998	43109	1.84	cps
Neodymium	150-1	85155	84652	88081	85963	2.15	cps
Neodymium	150-2	11282	11275	11185	11247	0.48	cps
Nickel	60-2	28727	29151	29545	29141	1.40	cps
Phosphorus	31-2	825	908	900	878	5.23	cps
Potassium	39-2	28279	28040	27261	27860	1.91	cps
Rhodium	103-1	7142383	7098988	7082081	7107817	0.44	cps
Rhodium	103-2	1763158	1746020	1750379	1753185	0.51	cps
Scandium	45-1	4346428	4477413	4472154	4431998	1.67	cps
Scandium	45-2	31893	31776	31529	31733	0.59	cps
Selenium	77-2	63	93	27	61	54.64	cps
Selenium	78-2	35	39	28	34	16.66	cps
Selenium	82-1	172	187	160	173	7.91	cps
Silicon	28-1	11346965	11552257	11364135	11421119	1.00	cps
Silver	109-1	10238	10521	10413	10391	1.38	cps
Silver	107-1	10847	11297	10379	10841	4.23	cps
Sodium	23-2	18897	19331	19005	19078	1.18	cps
Strontium	86-1	126542	127070	124753	126121	0.96	cps
Strontium	88-1	1071724	1094847	1070894	1079155	1.26	cps
Sulfur	34-1	391332	385576	383593	386834	1.04	cps
Terbium	159-1	9034695	8930547	9022787	8996010	0.63	cps
Terbium	159-2	1805956	1783948	1798132	1796012	0.62	cps
Thallium	203-1	3234	3292	3109	3212	2.92	cps
Thallium	205-1	7753	7903	7644	7767	1.67	cps
Tin	118-1	2684700	2618786	2632802	2645429	1.31	cps
Titanium	47-1	151930	160132	158771	156944	2.80	cps
Uranium	238-1	50755	50587	52235	51192	1.77	cps
Vanadium	51-2	37043	37835	36758	37212	1.50	cps
Yttrium	89-1	9021325	9077675	8896549	8998516	1.03	cps
Yttrium	89-2	239959	235276	234299	236511	1.28	cps
Zinc	66-2	163385	162374	162479	162746	0.34	cps
Zirconium	90-1	118268	114342	120572	117727	2.68	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:51:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25751	26010	25308	25690	1.38	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:54:38	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87705	87033	88033	87590	0.58	cps
Antimony	121-1	32833	32975	32407	32738	0.90	cps
Arsenic	75-2	4280	4316	4471	4356	2.33	cps
Barium	135-1	766698	763158	766566	765474	0.26	cps
Barium	137-1	1315882	1326207	1328529	1323539	0.51	cps
Beryllium	9-1	2617	2767	2650	2678	2.94	cps
Bismuth	209-1	5098197	5100781	5102902	5100627	0.05	cps
Bismuth	209-2	1470408	1466271	1468739	1468473	0.14	cps
Boron	10-1	2817	2842	2950	2870	2.47	cps
Boron	11-1	13132	13232	13090	13151	0.55	cps
Cadmium	111-1	8627	8554	8052	8411	3.72	cps
Cadmium	106-1	2809	2750	2600	2720	3.95	cps
Cadmium	108-1	642	604	588	611	4.54	cps
Calcium	43-1	974068	974408	983297	977258	0.54	cps
Calcium	44-1	16211572	16064714	15936009	16070765	0.86	cps
Chromium	52-2	39733	40423	39312	39823	1.41	cps
Cobalt	59-2	30270	30788	30968	30675	1.18	cps
Copper	63-2	272924	270848	273674	272482	0.54	cps
Dysprosium	156-1	50198	51059	50424	50560	0.88	cps
Dysprosium	156-2	11328	11335	10918	11194	2.13	cps
Erbium	164-1	43374	45079	44017	44157	1.95	cps
Erbium	164-2	8446	8746	8596	8596	1.75	cps
Gadolinium	160-1	48500	48249	47353	48034	1.25	cps
Gadolinium	160-2	13881	13457	13350	13563	2.07	cps
Holmium	165-1	8644377	8677363	8573835	8631858	0.61	cps
Holmium	165-2	1850849	1848736	1866639	1855408	0.53	cps
Indium	115-1	7686859	7706661	7758255	7717258	0.48	cps
Indium	115-2	292264	289698	293938	291967	0.73	cps
Iron	56-2	37592093	37617591	37579148	37596277	0.05	cps
Iron	57-2	942001	945306	945912	944407	0.22	cps
Lead	206-1	2432387	2497889	2433342	2454539	1.53	cps
Lead	207-1	2042949	2028817	2024081	2031949	0.48	cps
Lead	208-1	9477776	9562022	9425649	9488482	0.73	cps
Lithium	6-1	1156338	1147563	1156591	1153497	0.45	cps
Magnesium	24-2	530940	518372	528017	525776	1.25	cps
Manganese	55-2	231338	231768	230897	231334	0.19	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:54:38	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	52277	53173	52310	52587	0.97	cps
Molybdenum	95-1	52101	51783	51825	51903	0.33	cps
Molybdenum	96-1	61910	62084	60653	61549	1.27	cps
Molybdenum	97-1	33442	33910	33083	33478	1.24	cps
Molybdenum	98-1	83398	84253	84529	84060	0.70	cps
Neodymium	150-1	75175	77542	75524	76080	1.68	cps
Neodymium	150-2	9714	9917	9697	9776	1.25	cps
Nickel	60-2	35930	35609	35549	35696	0.57	cps
Phosphorus	31-2	1183	1175	792	1050	21.31	cps
Potassium	39-2	35822	34293	34832	34982	2.22	cps
Rhodium	103-1	7135138	7244199	7136771	7172036	0.87	cps
Rhodium	103-2	1754383	1723869	1728647	1735633	0.95	cps
Scandium	45-1	4431204	4451277	4461082	4447854	0.34	cps
Scandium	45-2	31025	30894	31706	31208	1.40	cps
Selenium	77-2	50	23	53	42	38.95	cps
Selenium	78-2	28	28	22	26	12.38	cps
Selenium	82-1	207	175	112	165	29.54	cps
Silicon	28-1	6847628	7014019	6437473	6766374	4.39	cps
Silver	109-1	6819	6860	7352	7010	4.23	cps
Silver	107-1	7035	7169	7561	7255	3.76	cps
Sodium	23-2	13916	13190	13757	13621	2.80	cps
Strontium	86-1	164328	164581	160525	163144	1.39	cps
Strontium	88-1	1412356	1421500	1424085	1419314	0.43	cps
Sulfur	34-1	380445	381044	381095	380861	0.09	cps
Terbium	159-1	9095075	9078638	9103119	9092277	0.14	cps
Terbium	159-2	1808664	1781530	1787228	1792474	0.80	cps
Thallium	203-1	2617	2784	3117	2839	8.97	cps
Thallium	205-1	6769	6677	6619	6688	1.13	cps
Tin	118-1	75982	76991	76461	76478	0.66	cps
Titanium	47-1	106411	96826	94451	99229	6.38	cps
Uranium	238-1	45710	44523	44372	44868	1.63	cps
Vanadium	51-2	32525	32682	32792	32666	0.41	cps
Yttrium	89-1	8944546	9209550	8912904	9022333	1.81	cps
Yttrium	89-2	235262	235098	235022	235127	0.05	cps
Zinc	66-2	105840	104410	105749	105333	0.76	cps
Zirconium	90-1	63199	63324	67904	64809	4.14	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:54:38	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	13833	15243	14776	14617	4.92	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:57:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94013	92191	92620	92942	1.03	cps
Antimony	121-1	31964	31814	32015	31931	0.33	cps
Arsenic	75-2	4664	4393	4445	4501	3.19	cps
Barium	135-1	779562	781263	782093	780973	0.17	cps
Barium	137-1	1361034	1349352	1355542	1355309	0.43	cps
Beryllium	9-1	2556	2628	2800	2661	4.72	cps
Bismuth	209-1	4977768	5154096	5074277	5068714	1.74	cps
Bismuth	209-2	1526092	1487032	1501071	1504732	1.31	cps
Boron	10-1	2434	2442	2484	2453	1.09	cps
Boron	11-1	10363	10930	9971	10421	4.63	cps
Cadmium	111-1	8176	8383	7761	8107	3.91	cps
Cadmium	106-1	2575	2492	2625	2564	2.63	cps
Cadmium	108-1	571	538	558	556	3.03	cps
Calcium	43-1	1029461	1032184	1021758	1027801	0.53	cps
Calcium	44-1	16948187	16922663	16657344	16842731	0.96	cps
Chromium	52-2	33223	33270	32281	32925	1.69	cps
Cobalt	59-2	31589	31172	30717	31159	1.40	cps
Copper	63-2	246213	243842	242340	244132	0.80	cps
Dysprosium	156-1	53126	52482	51620	52409	1.44	cps
Dysprosium	156-2	12256	11979	12056	12097	1.18	cps
Erbium	164-1	45514	46677	45632	45941	1.39	cps
Erbium	164-2	9303	9053	8953	9103	1.98	cps
Gadolinium	160-1	52339	50950	51235	51508	1.42	cps
Gadolinium	160-2	14802	14288	14138	14409	2.42	cps
Holmium	165-1	8462090	8701781	8721814	8628562	1.67	cps
Holmium	165-2	1923803	1886846	1915997	1908882	1.02	cps
Indium	115-1	7518971	7775265	7775263	7689833	1.92	cps
Indium	115-2	306148	299910	300891	302317	1.11	cps
Iron	56-2	34218519	34017433	33909269	34048407	0.46	cps
Iron	57-2	861188	857184	856709	858360	0.29	cps
Lead	206-1	2583346	2632365	2559756	2591822	1.43	cps
Lead	207-1	2213529	2174276	2159381	2182395	1.28	cps
Lead	208-1	10132455	10159003	9949442	10080300	1.13	cps
Lithium	6-1	1131528	1162022	1172435	1155328	1.84	cps
Magnesium	24-2	557303	557698	551949	555650	0.58	cps
Manganese	55-2	224480	224673	222091	223748	0.64	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:57:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	44762	45507	44859	45043	0.90	cps
Molybdenum	95-1	34295	36417	35598	35436	3.02	cps
Molybdenum	96-1	42551	42643	42041	42412	0.76	cps
Molybdenum	97-1	22203	22152	21117	21824	2.81	cps
Molybdenum	98-1	56644	56787	57138	56856	0.45	cps
Neodymium	150-1	79756	80486	78796	79679	1.06	cps
Neodymium	150-2	10895	10628	10638	10720	1.41	cps
Nickel	60-2	36709	36511	36371	36530	0.46	cps
Phosphorus	31-2	1000	1058	1058	1039	3.24	cps
Potassium	39-2	37945	35730	36968	36881	3.01	cps
Rhodium	103-1	7054694	7243941	7173841	7157492	1.34	cps
Rhodium	103-2	1816180	1792047	1793800	1800676	0.75	cps
Scandium	45-1	4359639	4464076	4528369	4450695	1.91	cps
Scandium	45-2	32986	32210	32702	32632	1.20	cps
Selenium	77-2	47	47	30	41	23.41	cps
Selenium	78-2	30	28	26	28	6.66	cps
Selenium	82-1	101	145	211	153	36.31	cps
Silicon	28-1	10161795	8172859	7489406	8608020	16.13	cps
Silver	109-1	7252	7010	6885	7049	2.65	cps
Silver	107-1	7644	7753	7853	7750	1.35	cps
Sodium	23-2	13348	13799	13674	13607	1.71	cps
Strontium	86-1	159881	161791	160128	160600	0.65	cps
Strontium	88-1	1381173	1408772	1367170	1385705	1.53	cps
Sulfur	34-1	379861	383145	383117	382041	0.49	cps
Terbium	159-1	8919259	9123877	9130473	9057870	1.33	cps
Terbium	159-2	1869886	1801929	1862004	1844606	2.02	cps
Thallium	203-1	2825	3026	2892	2914	3.50	cps
Thallium	205-1	6986	7269	7177	7144	2.03	cps
Tin	118-1	67203	67722	68099	67675	0.66	cps
Titanium	47-1	157073	102385	99867	119775	26.99	cps
Uranium	238-1	47517	47233	45886	46879	1.86	cps
Vanadium	51-2	33691	34686	33784	34054	1.61	cps
Yttrium	89-1	8954960	9245567	9180262	9126930	1.67	cps
Yttrium	89-2	246244	240392	243562	243399	1.20	cps
Zinc	66-2	112068	110099	110503	110890	0.94	cps
Zirconium	90-1	68716	68324	73170	70070	3.84	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 12:57:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	15118	14642	14576	14779	2.00	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:00:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85416	85382	85592	85463	0.13	cps
Antimony	121-1	27446	26878	27112	27146	1.05	cps
Arsenic	75-2	2782	2743	2700	2742	1.49	cps
Barium	135-1	532838	510543	510237	517872	2.50	cps
Barium	137-1	900878	895394	896647	897640	0.32	cps
Beryllium	9-1	2072	2050	2150	2091	2.51	cps
Bismuth	209-1	5033407	5095885	5052016	5060436	0.63	cps
Bismuth	209-2	1503293	1499919	1512504	1505239	0.43	cps
Boron	10-1	1617	1559	1450	1542	5.49	cps
Boron	11-1	7185	6752	7711	7216	6.66	cps
Cadmium	111-1	4673	4654	5123	4817	5.51	cps
Cadmium	106-1	2292	2100	2434	2275	7.35	cps
Cadmium	108-1	283	363	396	347	16.64	cps
Calcium	43-1	634470	632018	629830	632106	0.37	cps
Calcium	44-1	10513657	10385876	10343542	10414358	0.85	cps
Chromium	52-2	30640	30079	30159	30293	1.00	cps
Cobalt	59-2	38797	38112	38674	38528	0.95	cps
Copper	63-2	100164	100255	100376	100265	0.11	cps
Dysprosium	156-1	42044	43582	42637	42754	1.81	cps
Dysprosium	156-2	9834	9984	9667	9828	1.61	cps
Erbium	164-1	37488	38383	36920	37597	1.96	cps
Erbium	164-2	7946	7692	7746	7795	1.71	cps
Gadolinium	160-1	41091	41250	42245	41528	1.51	cps
Gadolinium	160-2	11599	11982	11909	11830	1.72	cps
Holmium	165-1	8719447	8610621	8565365	8631811	0.92	cps
Holmium	165-2	1942720	1898404	1939627	1926917	1.28	cps
Indium	115-1	7790591	7722369	7673198	7728719	0.76	cps
Indium	115-2	302578	298485	301816	300960	0.72	cps
Iron	56-2	22299391	22222496	22206823	22242903	0.22	cps
Iron	57-2	559064	557210	559371	558548	0.21	cps
Lead	206-1	1844265	1825102	1812471	1827279	0.88	cps
Lead	207-1	1479224	1479440	1477045	1478570	0.09	cps
Lead	208-1	7067773	7076901	7040461	7061712	0.27	cps
Lithium	6-1	1160970	1156098	1169656	1162241	0.59	cps
Magnesium	24-2	316303	315907	317424	316545	0.25	cps
Manganese	55-2	437518	432539	434159	434739	0.58	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:00:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28273	28490	29126	28630	1.55	cps
Molybdenum	95-1	20349	20199	20174	20241	0.47	cps
Molybdenum	96-1	24723	24131	25542	24799	2.86	cps
Molybdenum	97-1	12415	12698	13099	12737	2.70	cps
Molybdenum	98-1	32624	32306	32657	32529	0.60	cps
Neodymium	150-1	65819	67004	67045	66623	1.04	cps
Neodymium	150-2	9040	8950	8793	8928	1.40	cps
Nickel	60-2	25069	25317	24519	24968	1.64	cps
Phosphorus	31-2	517	508	525	517	1.61	cps
Potassium	39-2	27141	25800	27162	26701	2.92	cps
Rhodium	103-1	7259339	7292048	7174379	7241922	0.84	cps
Rhodium	103-2	1809839	1802854	1795224	1802639	0.41	cps
Scandium	45-1	4506863	4479091	4390742	4458898	1.36	cps
Scandium	45-2	32882	32394	32578	32618	0.76	cps
Selenium	77-2	27	43	20	30	40.05	cps
Selenium	78-2	35	20	19	25	37.00	cps
Selenium	82-1	177	153	119	150	19.36	cps
Silicon	28-1	9067877	7362192	9157394	8529154	11.86	cps
Silver	109-1	5343	5451	5351	5382	1.12	cps
Silver	107-1	5585	5451	5576	5537	1.35	cps
Sodium	23-2	11989	11322	12256	11856	4.06	cps
Strontium	86-1	101014	100410	101065	100829	0.36	cps
Strontium	88-1	857373	855499	853246	855373	0.24	cps
Sulfur	34-1	364655	360615	362606	362625	0.56	cps
Terbium	159-1	9119424	9221962	8993016	9111467	1.26	cps
Terbium	159-2	1827906	1821520	1822967	1824131	0.18	cps
Thallium	203-1	3651	3617	3584	3617	0.92	cps
Thallium	205-1	8545	8995	8628	8723	2.75	cps
Tin	118-1	196583	196219	197649	196817	0.38	cps
Titanium	47-1	258898	228995	236040	241311	6.48	cps
Uranium	238-1	30856	31316	30104	30759	1.99	cps
Vanadium	51-2	33246	32528	32331	32702	1.47	cps
Yttrium	89-1	9015997	8979406	9022035	9005813	0.26	cps
Yttrium	89-2	238357	238700	240701	239253	0.53	cps
Zinc	66-2	44518	43338	44518	44125	1.54	cps
Zirconium	90-1	51557	53682	43621	49620	10.69	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:00:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10530	10581	9921	10344	3.55	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:03:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85528	82877	84693	84366	1.61	cps
Antimony	121-1	26586	26536	26728	26616	0.37	cps
Arsenic	75-2	3239	3425	3230	3298	3.33	cps
Barium	135-1	836643	840860	842900	840134	0.38	cps
Barium	137-1	1454816	1460457	1471893	1462389	0.59	cps
Beryllium	9-1	2117	2017	2111	2082	2.70	cps
Bismuth	209-1	5073601	5059828	5029732	5054387	0.44	cps
Bismuth	209-2	1518956	1505026	1491667	1505216	0.91	cps
Boron	10-1	1308	1675	1525	1503	12.27	cps
Boron	11-1	7444	7177	7269	7297	1.86	cps
Cadmium	111-1	5508	5194	5423	5375	3.02	cps
Cadmium	106-1	2425	2109	2267	2267	6.99	cps
Cadmium	108-1	308	404	383	365	13.80	cps
Calcium	43-1	440458	440773	442090	441107	0.20	cps
Calcium	44-1	7252967	7162406	7142448	7185940	0.82	cps
Chromium	52-2	33661	33163	32675	33166	1.49	cps
Cobalt	59-2	40004	39279	39272	39518	1.06	cps
Copper	63-2	110290	108963	108173	109142	0.98	cps
Dysprosium	156-1	44895	44193	43114	44067	2.04	cps
Dysprosium	156-2	10301	10508	10147	10319	1.75	cps
Erbium	164-1	39269	38817	37881	38656	1.83	cps
Erbium	164-2	8216	8520	7789	8175	4.49	cps
Gadolinium	160-1	41961	43064	44201	43075	2.60	cps
Gadolinium	160-2	12796	12616	12062	12492	3.06	cps
Holmium	165-1	8586335	8496222	8570079	8550879	0.56	cps
Holmium	165-2	1900529	1880835	1883246	1888203	0.57	cps
Indium	115-1	7743824	7746555	7637738	7709372	0.80	cps
Indium	115-2	303379	302274	301718	302457	0.28	cps
Iron	56-2	27152467	27128190	26803707	27028121	0.72	cps
Iron	57-2	689259	677076	677234	681190	1.03	cps
Lead	206-1	4415335	4399617	4412600	4409184	0.19	cps
Lead	207-1	3531656	3513297	3514264	3519739	0.29	cps
Lead	208-1	16752663	16558025	16800422	16703703	0.77	cps
Lithium	6-1	1177803	1138729	1137399	1151310	1.99	cps
Magnesium	24-2	237301	231777	230437	233172	1.56	cps
Manganese	55-2	412463	409936	405442	409280	0.87	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:03:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	36281	31839	30318	32813	9.44	cps
Molybdenum	95-1	25692	24290	25316	25099	2.89	cps
Molybdenum	96-1	30260	30602	29567	30143	1.75	cps
Molybdenum	97-1	15635	15643	15843	15707	0.75	cps
Molybdenum	98-1	40495	39149	41189	40278	2.57	cps
Neodymium	150-1	68974	66529	68907	68137	2.04	cps
Neodymium	150-2	9170	8860	9003	9011	1.72	cps
Nickel	60-2	23644	23150	22976	23256	1.49	cps
Phosphorus	31-2	1558	1425	1600	1528	5.98	cps
Potassium	39-2	35304	37700	33817	35607	5.50	cps
Rhodium	103-1	7268847	7175360	7179939	7208049	0.73	cps
Rhodium	103-2	1805618	1784989	1769531	1786712	1.01	cps
Scandium	45-1	4485558	4521105	4491823	4499495	0.42	cps
Scandium	45-2	32448	32374	32478	32433	0.16	cps
Selenium	77-2	37	33	67	46	40.30	cps
Selenium	78-2	26	24	26	25	4.24	cps
Selenium	82-1	224	56	125	135	62.74	cps
Silicon	28-1	8423022	10719358	11507892	10216757	15.69	cps
Silver	109-1	4501	4334	4259	4365	2.83	cps
Silver	107-1	4359	4493	5051	4634	7.92	cps
Sodium	23-2	13977	14242	12956	13725	4.94	cps
Strontium	86-1	115771	116653	116596	116340	0.42	cps
Strontium	88-1	995379	1020374	1000570	1005441	1.31	cps
Sulfur	34-1	369864	374377	369785	371342	0.71	cps
Terbium	159-1	9099538	8912858	9025388	9012595	1.04	cps
Terbium	159-2	1861702	1823889	1829158	1838250	1.11	cps
Thallium	203-1	4568	4726	4459	4584	2.93	cps
Thallium	205-1	10388	10138	10388	10305	1.40	cps
Tin	118-1	109831	112180	109958	110656	1.19	cps
Titanium	47-1	218527	222435	247209	229390	6.78	cps
Uranium	238-1	32778	33279	33697	33251	1.38	cps
Vanadium	51-2	32033	32344	31138	31839	1.97	cps
Yttrium	89-1	8925963	8960464	8967912	8951446	0.25	cps
Yttrium	89-2	240938	239565	238002	239502	0.61	cps
Zinc	66-2	71587	70867	69925	70793	1.18	cps
Zirconium	90-1	47077	57420	50439	51645	10.22	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:03:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10780	10296	10939	10672	3.14	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:07:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84720	82725	82751	83399	1.37	cps
Antimony	121-1	26368	27012	27062	26814	1.44	cps
Arsenic	75-2	3391	3282	3284	3319	1.89	cps
Barium	135-1	839323	824437	829898	831219	0.91	cps
Barium	137-1	1447290	1431993	1434831	1438038	0.57	cps
Beryllium	9-1	1934	1834	1756	1841	4.84	cps
Bismuth	209-1	5047488	4982319	5043174	5024327	0.73	cps
Bismuth	209-2	1513397	1496203	1500823	1503474	0.59	cps
Boron	10-1	1525	1617	1867	1670	10.59	cps
Boron	11-1	6719	6894	6777	6796	1.31	cps
Cadmium	111-1	5256	5319	5207	5260	1.07	cps
Cadmium	106-1	2200	2109	1992	2100	4.97	cps
Cadmium	108-1	425	321	317	354	17.33	cps
Calcium	43-1	435154	433528	432476	433720	0.31	cps
Calcium	44-1	7177275	7047646	7101457	7108793	0.92	cps
Chromium	52-2	32839	32698	32802	32780	0.22	cps
Cobalt	59-2	39235	40088	37521	38948	3.36	cps
Copper	63-2	108634	108993	106568	108065	1.21	cps
Dysprosium	156-1	43984	42779	43181	43315	1.42	cps
Dysprosium	156-2	10247	10097	10324	10223	1.13	cps
Erbium	164-1	36795	37848	39628	38090	3.76	cps
Erbium	164-2	8096	8133	7799	8009	2.28	cps
Gadolinium	160-1	42496	42688	42596	42593	0.23	cps
Gadolinium	160-2	12369	12423	12082	12292	1.49	cps
Holmium	165-1	8610224	8512643	8657891	8593586	0.86	cps
Holmium	165-2	1917695	1874878	1876448	1889674	1.28	cps
Indium	115-1	7746604	7679405	7684832	7703614	0.48	cps
Indium	115-2	305040	302020	302324	303128	0.55	cps
Iron	56-2	27752927	27344165	27201698	27432930	1.04	cps
Iron	57-2	691859	687645	681802	687102	0.73	cps
Lead	206-1	4355640	4305763	4371441	4344281	0.79	cps
Lead	207-1	3467718	3437123	3455506	3453449	0.45	cps
Lead	208-1	16406606	16272423	16372756	16350595	0.43	cps
Lithium	6-1	1168119	1128353	1167394	1154622	1.97	cps
Magnesium	24-2	235870	233430	231945	233748	0.85	cps
Manganese	55-2	410063	408037	401602	406568	1.09	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:07:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31853	30770	31096	31240	1.78	cps
Molybdenum	95-1	25366	25066	24999	25144	0.78	cps
Molybdenum	96-1	30159	30335	29642	30045	1.20	cps
Molybdenum	97-1	16202	15409	15777	15796	2.51	cps
Molybdenum	98-1	40946	40913	40294	40718	0.90	cps
Neodymium	150-1	66870	67784	67903	67519	0.84	cps
Neodymium	150-2	8836	8873	8920	8876	0.47	cps
Nickel	60-2	23473	23443	23250	23389	0.52	cps
Phosphorus	31-2	1492	1375	1383	1417	4.59	cps
Potassium	39-2	34603	34028	33257	33963	1.99	cps
Rhodium	103-1	7289640	7255898	7131759	7225766	1.15	cps
Rhodium	103-2	1809771	1787910	1781736	1793139	0.82	cps
Scandium	45-1	4497141	4424486	4422800	4448142	0.95	cps
Scandium	45-2	32240	32147	32097	32161	0.23	cps
Selenium	77-2	30	33	37	33	10.01	cps
Selenium	78-2	26	22	28	25	11.19	cps
Selenium	82-1	167	171	221	186	16.19	cps
Silicon	28-1	10278131	10437257	8130486	9615291	13.40	cps
Silver	109-1	4359	4593	4418	4456	2.73	cps
Silver	107-1	4359	4443	4684	4495	3.76	cps
Sodium	23-2	12147	15372	11781	13100	15.09	cps
Strontium	86-1	115166	114351	117236	115584	1.29	cps
Strontium	88-1	986309	984569	990606	987161	0.31	cps
Sulfur	34-1	363865	365726	362709	364100	0.42	cps
Terbium	159-1	8946907	9004837	8915166	8955637	0.51	cps
Terbium	159-2	1853185	1840897	1849822	1847968	0.34	cps
Thallium	203-1	4301	4284	4184	4256	1.48	cps
Thallium	205-1	10455	10146	10063	10221	2.02	cps
Tin	118-1	112335	111748	111427	111837	0.41	cps
Titanium	47-1	256077	226268	234227	238858	6.46	cps
Uranium	238-1	32611	32260	33045	32638	1.20	cps
Vanadium	51-2	32100	31406	31008	31505	1.75	cps
Yttrium	89-1	8909413	8832770	8930514	8890899	0.58	cps
Yttrium	89-2	241381	241566	239460	240803	0.48	cps
Zinc	66-2	72227	69898	69758	70628	1.96	cps
Zirconium	90-1	43991	53254	56248	51165	12.49	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:07:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10833	10138	9687	10219	5.65	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LX5	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-01 13:10:10	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15868	16394	16127	16129	1.63	cps
Antimony	121-1	5251	5285	5610	5382	3.68	cps
Arsenic	75-2	663	633	630	642	2.85	cps
Barium	135-1	161019	160732	160934	160895	0.09	cps
Barium	137-1	280024	277655	281439	279706	0.68	cps
Beryllium	9-1	506	467	411	461	10.29	cps
Bismuth	209-1	4955448	4952461	5058524	4988811	1.21	cps
Bismuth	209-2	1527506	1511210	1517780	1518832	0.54	cps
Boron	10-1	700	583	592	625	10.41	cps
Boron	11-1	2584	2625	2817	2675	4.65	cps
Cadmium	111-1	1949	1931	1975	1952	1.13	cps
Cadmium	106-1	1742	1609	1684	1678	3.98	cps
Cadmium	108-1	71	88	58	72	20.26	cps
Calcium	43-1	84186	85292	87407	85628	1.91	cps
Calcium	44-1	1449821	1447418	1420838	1439359	1.12	cps
Chromium	52-2	7225	7199	7149	7191	0.54	cps
Cobalt	59-2	7692	7652	7479	7608	1.49	cps
Copper	63-2	21363	21390	21437	21397	0.17	cps
Dysprosium	156-1	8578	8687	8946	8737	2.16	cps
Dysprosium	156-2	1924	2080	2037	2014	4.02	cps
Erbium	164-1	7211	7277	7678	7389	3.42	cps
Erbium	164-2	1583	1507	1477	1522	3.61	cps
Gadolinium	160-1	8328	8478	8578	8461	1.49	cps
Gadolinium	160-2	2307	2317	2100	2241	5.46	cps
Holmium	165-1	8568052	8343087	8424853	8445331	1.35	cps
Holmium	165-2	1898331	1863110	1907871	1889771	1.25	cps
Indium	115-1	7543323	7681091	7611871	7612095	0.90	cps
Indium	115-2	305205	304556	305568	305109	0.17	cps
Iron	56-2	5236731	5217967	5245258	5233319	0.27	cps
Iron	57-2	133478	133684	130225	132462	1.46	cps
Lead	206-1	828818	837064	821958	829280	0.91	cps
Lead	207-1	651824	664327	656520	657557	0.96	cps
Lead	208-1	3136501	3162656	3143275	3147477	0.43	cps
Lithium	6-1	1105585	1106276	1088440	1100100	0.92	cps
Magnesium	24-2	44404	46160	44989	45184	1.98	cps
Manganese	55-2	78807	79457	79294	79186	0.43	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LX5	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-01 13:10:10	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6269	6594	6569	6477	2.79	cps
Molybdenum	95-1	5118	4984	4651	4918	4.89	cps
Molybdenum	96-1	5927	5760	6027	5904	2.28	cps
Molybdenum	97-1	3000	2809	3134	2981	5.48	cps
Molybdenum	98-1	7861	8161	7636	7886	3.34	cps
Neodymium	150-1	13187	13534	13087	13269	1.77	cps
Neodymium	150-2	1797	1707	1780	1761	2.72	cps
Nickel	60-2	4604	4401	4421	4475	2.50	cps
Phosphorus	31-2	292	325	458	358	24.61	cps
Potassium	39-2	8661	8136	8345	8381	3.16	cps
Rhodium	103-1	7171113	7221794	7245263	7212723	0.53	cps
Rhodium	103-2	1814895	1801069	1809835	1808599	0.39	cps
Scandium	45-1	4425299	4449431	4395858	4423530	0.61	cps
Scandium	45-2	32127	32194	32164	32161	0.10	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	2	6	9	6	66.68	cps
Selenium	82-1	13	-97	43	-14	-532.35	cps
Silicon	28-1	1678007	1712794	2064844	1818548	11.77	cps
Silver	109-1	1075	1050	1133	1086	3.94	cps
Silver	107-1	1192	1167	1133	1164	2.51	cps
Sodium	23-2	5093	5251	5151	5165	1.55	cps
Strontium	86-1	23646	22995	23321	23321	1.40	cps
Strontium	88-1	190910	191441	191061	191137	0.14	cps
Sulfur	34-1	323945	322930	323544	323473	0.16	cps
Terbium	159-1	8930601	8827542	8975687	8911277	0.85	cps
Terbium	159-2	1866551	1823851	1845653	1845352	1.16	cps
Thallium	203-1	742	867	892	833	9.64	cps
Thallium	205-1	2050	2009	2259	2106	6.37	cps
Tin	118-1	21201	21785	22136	21707	2.18	cps
Titanium	47-1	44533	45052	41684	43756	4.14	cps
Uranium	238-1	6477	6469	5777	6241	6.44	cps
Vanadium	51-2	5955	5965	6178	6033	2.09	cps
Yttrium	89-1	8261406	8438166	8315684	8338418	1.09	cps
Yttrium	89-2	229462	226881	227435	227926	0.60	cps
Zinc	66-2	17151	16987	16997	17045	0.54	cps
Zirconium	90-1	9771	10030	10532	10111	3.83	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LX5	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-01 13:10:10	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2050	1984	2009	2014	1.67	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:13:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86032	84830	83555	84806	1.46	cps
Antimony	121-1	202505	200671	198449	200542	1.01	cps
Arsenic	75-2	3925	3975	3952	3951	0.63	cps
Barium	135-1	1594619	1590894	1538490	1574668	1.99	cps
Barium	137-1	2767029	2720589	2713921	2733846	1.06	cps
Beryllium	9-1	13896	13829	14063	13929	0.86	cps
Bismuth	209-1	4923836	4882160	4882041	4896012	0.49	cps
Bismuth	209-2	1508813	1525903	1502348	1512355	0.80	cps
Boron	10-1	2044	1517	1642	1734	15.88	cps
Boron	11-1	6435	6402	6502	6446	0.79	cps
Cadmium	111-1	24238	23550	24596	24128	2.20	cps
Cadmium	106-1	3884	3842	3976	3901	1.75	cps
Cadmium	108-1	1763	1642	1575	1660	5.73	cps
Calcium	43-1	436535	432369	434874	434593	0.48	cps
Calcium	44-1	7137360	7022499	7082994	7080951	0.81	cps
Chromium	52-2	64330	63898	63523	63917	0.63	cps
Cobalt	59-2	209058	210796	209396	209750	0.44	cps
Copper	63-2	184003	182731	181140	182625	0.79	cps
Dysprosium	156-1	43624	42788	41985	42799	1.91	cps
Dysprosium	156-2	10157	10888	9901	10315	4.97	cps
Erbium	164-1	37087	38207	38065	37787	1.61	cps
Erbium	164-2	7776	8093	7679	7849	2.76	cps
Gadolinium	160-1	41601	41475	40481	41186	1.49	cps
Gadolinium	160-2	12206	11926	12510	12214	2.39	cps
Holmium	165-1	8400028	8403299	8372857	8392061	0.20	cps
Holmium	165-2	1902800	1909082	1894994	1902292	0.37	cps
Indium	115-1	7563267	7627194	7529152	7573205	0.66	cps
Indium	115-2	304643	306092	301549	304095	0.76	cps
Iron	56-2	27001377	27129726	26957219	27029441	0.33	cps
Iron	57-2	683126	680423	680124	681224	0.24	cps
Lead	206-1	4294193	4224156	4193257	4237202	1.22	cps
Lead	207-1	3433041	3351192	3390506	3391579	1.21	cps
Lead	208-1	16303335	16016024	16048331	16122564	0.98	cps
Lithium	6-1	1122420	1134807	1125481	1127569	0.57	cps
Magnesium	24-2	231859	233113	229957	231643	0.69	cps
Manganese	55-2	423602	427385	421466	424151	0.71	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:13:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31708	35021	30511	32413	7.21	cps
Molybdenum	95-1	25366	24832	24965	25055	1.11	cps
Molybdenum	96-1	30060	30444	29316	29940	1.92	cps
Molybdenum	97-1	15318	14959	15526	15268	1.88	cps
Molybdenum	98-1	40637	38932	39458	39676	2.20	cps
Neodymium	150-1	67809	67588	66743	67380	0.84	cps
Neodymium	150-2	9440	9474	8870	9261	3.66	cps
Nickel	60-2	74149	74210	73345	73901	0.65	cps
Phosphorus	31-2	1525	1542	1592	1553	2.23	cps
Potassium	39-2	32714	37443	33593	34583	7.27	cps
Rhodium	103-1	7151591	7126974	7126354	7134973	0.20	cps
Rhodium	103-2	1801034	1829611	1786674	1805773	1.21	cps
Scandium	45-1	4494482	4452736	4403734	4450318	1.02	cps
Scandium	45-2	32421	32718	32922	32687	0.77	cps
Selenium	77-2	33	63	37	44	36.99	cps
Selenium	78-2	56	74	69	66	14.39	cps
Selenium	82-1	2647	2790	2713	2716	2.63	cps
Silicon	28-1	10010290	6153435	7166024	7776583	25.71	cps
Silver	109-1	88415	85010	86151	86525	2.00	cps
Silver	107-1	91149	93667	91897	92238	1.40	cps
Sodium	23-2	11655	12214	11782	11884	2.47	cps
Strontium	86-1	116326	115537	113166	115010	1.43	cps
Strontium	88-1	996784	983934	973895	984871	1.16	cps
Sulfur	34-1	362648	359271	357721	359880	0.70	cps
Terbium	159-1	8837904	8955800	8761458	8851721	1.11	cps
Terbium	159-2	1825844	1867838	1833880	1842521	1.21	cps
Thallium	203-1	61768	61608	61307	61561	0.38	cps
Thallium	205-1	144743	141068	142324	142712	1.31	cps
Tin	118-1	111824	110707	108916	110482	1.33	cps
Titanium	47-1	233288	223789	227297	228125	2.11	cps
Uranium	238-1	31174	31207	31374	31252	0.34	cps
Vanadium	51-2	88152	89956	88877	88995	1.02	cps
Yttrium	89-1	8902879	8964480	8841453	8902937	0.69	cps
Yttrium	89-2	242384	244967	243721	243691	0.53	cps
Zinc	66-2	81313	81692	81572	81526	0.24	cps
Zirconium	90-1	50267	45791	44086	46715	6.83	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:13:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10422	11720	9871	10671	8.90	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:16:24	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71825	70276	70426	70842	1.21	cps
Antimony	121-1	34404	34747	35841	34997	2.14	cps
Arsenic	75-2	2045	2146	2247	2146	4.70	cps
Barium	135-1	380574	378383	379937	379632	0.30	cps
Barium	137-1	658146	663405	659910	660487	0.41	cps
Beryllium	9-1	1917	1767	1767	1817	4.77	cps
Bismuth	209-1	5127605	4954998	4997800	5026801	1.79	cps
Bismuth	209-2	1477037	1490717	1409015	1458923	3.00	cps
Boron	10-1	2025	2009	2092	2042	2.16	cps
Boron	11-1	8795	8728	9220	8914	2.99	cps
Cadmium	111-1	4080	4140	4128	4116	0.77	cps
Cadmium	106-1	1892	2092	2125	2036	6.20	cps
Cadmium	108-1	254	292	271	272	6.90	cps
Calcium	43-1	1072274	1069562	1069361	1070399	0.15	cps
Calcium	44-1	17549457	17239595	17316084	17368379	0.93	cps
Chromium	52-2	28773	27968	28079	28273	1.54	cps
Cobalt	59-2	32167	31559	31051	31593	1.77	cps
Copper	63-2	98362	97925	98530	98272	0.32	cps
Dysprosium	156-1	37881	39244	38508	38544	1.77	cps
Dysprosium	156-2	9250	8816	8710	8925	3.21	cps
Erbium	164-1	34597	33645	33728	33990	1.55	cps
Erbium	164-2	7005	7039	6648	6898	3.14	cps
Gadolinium	160-1	37722	38082	38383	38062	0.87	cps
Gadolinium	160-2	10901	10965	10848	10905	0.54	cps
Holmium	165-1	8786178	8427210	8468379	8560589	2.29	cps
Holmium	165-2	1878483	1903854	1789915	1857417	3.22	cps
Indium	115-1	7803985	7561285	7613541	7659604	1.67	cps
Indium	115-2	297400	299503	283307	293403	3.00	cps
Iron	56-2	18592453	18478307	18477325	18516028	0.36	cps
Iron	57-2	465566	463967	468125	465886	0.45	cps
Lead	206-1	1289646	1292802	1290488	1290979	0.13	cps
Lead	207-1	1074339	1059323	1060742	1064801	0.78	cps
Lead	208-1	5109632	5039144	5049704	5066160	0.75	cps
Lithium	6-1	1152472	1127456	1132164	1137364	1.17	cps
Magnesium	24-2	624442	615406	619009	619619	0.73	cps
Manganese	55-2	314243	309937	314624	312935	0.83	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:16:24	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26068	34059	25568	28565	16.68	cps
Molybdenum	95-1	17804	18330	18021	18052	1.46	cps
Molybdenum	96-1	22578	22019	22353	22316	1.26	cps
Molybdenum	97-1	11897	11113	11213	11408	3.74	cps
Molybdenum	98-1	28974	28656	29216	28949	0.97	cps
Neodymium	150-1	60534	59963	58671	59723	1.60	cps
Neodymium	150-2	7913	7789	7602	7768	2.01	cps
Nickel	60-2	21457	21160	21450	21356	0.79	cps
Phosphorus	31-2	625	525	667	606	12.02	cps
Potassium	39-2	24849	24039	23813	24234	2.25	cps
Rhodium	103-1	7256631	7089191	7092705	7146176	1.34	cps
Rhodium	103-2	1761142	1749764	1672300	1727735	2.80	cps
Scandium	45-1	4553877	4446655	4430651	4477061	1.50	cps
Scandium	45-2	31075	32184	30393	31217	2.89	cps
Selenium	77-2	53	53	57	54	3.54	cps
Selenium	78-2	24	28	17	23	24.76	cps
Selenium	82-1	63	141	142	115	38.90	cps
Silicon	28-1	10222853	9223598	6425832	8624094	22.82	cps
Silver	109-1	4168	4443	4334	4315	3.21	cps
Silver	107-1	4418	4659	4568	4548	2.68	cps
Sodium	23-2	15393	11757	11288	12813	17.54	cps
Strontium	86-1	131924	131108	130165	131066	0.67	cps
Strontium	88-1	1154190	1126655	1125863	1135569	1.42	cps
Sulfur	34-1	375381	375937	379981	377100	0.67	cps
Terbium	159-1	9341828	8975263	9091428	9136173	2.05	cps
Terbium	159-2	1814888	1825994	1712547	1784476	3.50	cps
Thallium	203-1	3117	2825	2700	2881	7.42	cps
Thallium	205-1	6702	6986	7428	7038	5.19	cps
Tin	118-1	32198	32791	32791	32594	1.05	cps
Titanium	47-1	226999	195426	207801	210075	7.57	cps
Uranium	238-1	35235	34610	34048	34631	1.71	cps
Vanadium	51-2	27634	27440	27197	27424	0.80	cps
Yttrium	89-1	8998776	8733188	8795304	8842422	1.57	cps
Yttrium	89-2	235701	234011	226343	232019	2.15	cps
Zinc	66-2	30424	30413	29819	30219	1.15	cps
Zirconium	90-1	40872	41207	41251	41110	0.50	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:16:24	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10105	10101	9696	9967	2.36	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:19:31	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76511	76607	76741	76620	0.15	cps
Antimony	121-1	26636	26694	26068	26466	1.31	cps
Arsenic	75-2	2339	2456	2372	2389	2.52	cps
Barium	135-1	479476	477727	475712	477639	0.39	cps
Barium	137-1	841401	838214	828491	836035	0.80	cps
Beryllium	9-1	2039	1967	1839	1948	5.20	cps
Bismuth	209-1	5029981	5046268	5020949	5032399	0.25	cps
Bismuth	209-2	1494541	1487331	1483079	1488317	0.39	cps
Boron	10-1	1283	1333	1175	1264	6.40	cps
Boron	11-1	6118	6235	6393	6249	2.21	cps
Cadmium	111-1	5207	5102	5094	5134	1.22	cps
Cadmium	106-1	2259	2434	1859	2184	13.50	cps
Cadmium	108-1	292	342	308	314	8.11	cps
Calcium	43-1	319900	319251	319495	319549	0.10	cps
Calcium	44-1	5205444	5171171	5253050	5209888	0.79	cps
Chromium	52-2	32071	31883	31894	31949	0.33	cps
Cobalt	59-2	38169	37731	37661	37854	0.73	cps
Copper	63-2	102397	102786	103048	102744	0.32	cps
Dysprosium	156-1	39829	39820	38918	39522	1.32	cps
Dysprosium	156-2	9020	9003	9273	9099	1.66	cps
Erbium	164-1	35182	35374	33753	34770	2.55	cps
Erbium	164-2	7092	6965	7025	7028	0.90	cps
Gadolinium	160-1	36043	37923	38040	37335	3.00	cps
Gadolinium	160-2	11185	10558	10684	10809	3.07	cps
Holmium	165-1	8653353	8572458	8441109	8555640	1.25	cps
Holmium	165-2	1876916	1859080	1880550	1872182	0.61	cps
Indium	115-1	7638589	7656231	7614038	7636286	0.28	cps
Indium	115-2	298799	298456	296286	297847	0.46	cps
Iron	56-2	20377416	20034360	20146683	20186153	0.87	cps
Iron	57-2	506361	506571	508574	507168	0.24	cps
Lead	206-1	1435722	1446990	1440361	1441024	0.39	cps
Lead	207-1	1190383	1196300	1189553	1192079	0.31	cps
Lead	208-1	5663009	5671223	5661556	5665263	0.09	cps
Lithium	6-1	1131440	1152600	1143448	1142496	0.93	cps
Magnesium	24-2	227620	223567	223534	224907	1.04	cps
Manganese	55-2	422481	422212	422661	422452	0.05	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:19:31	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26477	28212	27590	27426	3.21	cps
Molybdenum	95-1	21885	22311	22620	22272	1.66	cps
Molybdenum	96-1	26602	27078	26778	26819	0.90	cps
Molybdenum	97-1	14467	14066	14834	14456	2.66	cps
Molybdenum	98-1	35381	36843	36134	36119	2.02	cps
Neodymium	150-1	60828	61137	61840	61268	0.85	cps
Neodymium	150-2	8106	7929	7993	8009	1.12	cps
Nickel	60-2	23346	23209	23410	23322	0.44	cps
Phosphorus	31-2	733	933	858	842	12.00	cps
Potassium	39-2	29475	28088	28079	28548	2.81	cps
Rhodium	103-1	7118934	7121455	7125723	7122037	0.05	cps
Rhodium	103-2	1798663	1774644	1776953	1783420	0.74	cps
Scandium	45-1	4469679	4394474	4481976	4448710	1.06	cps
Scandium	45-2	31566	31916	31342	31608	0.92	cps
Selenium	77-2	53	50	40	48	14.52	cps
Selenium	78-2	19	28	33	27	28.19	cps
Selenium	82-1	97	58	-73	27	327.17	cps
Silicon	28-1	7575237	8539668	11177903	9097603	20.50	cps
Silver	109-1	2825	2917	2967	2903	2.48	cps
Silver	107-1	3417	3359	3117	3298	4.83	cps
Sodium	23-2	9796	9379	9153	9443	3.45	cps
Strontium	86-1	70975	65919	65767	67554	4.39	cps
Strontium	88-1	564977	565204	580892	570358	1.60	cps
Sulfur	34-1	364117	362049	358870	361679	0.73	cps
Terbium	159-1	9102074	9032497	9037046	9057205	0.43	cps
Terbium	159-2	1829561	1811812	1807382	1816252	0.65	cps
Thallium	203-1	2792	2867	2484	2714	7.49	cps
Thallium	205-1	6218	6569	6702	6496	3.84	cps
Tin	118-1	37562	36601	36960	37041	1.31	cps
Titanium	47-1	209302	211526	205194	208674	1.54	cps
Uranium	238-1	35920	35452	36221	35864	1.08	cps
Vanadium	51-2	29451	29545	29191	29396	0.62	cps
Yttrium	89-1	8856467	8734014	8727344	8772608	0.83	cps
Yttrium	89-2	234230	233211	237455	234965	0.94	cps
Zinc	66-2	44973	45274	45016	45088	0.36	cps
Zirconium	90-1	39260	38734	40703	39565	2.58	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:19:31	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9045	9012	8053	8703	6.48	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:22:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79757	81057	81166	80660	0.97	cps
Antimony	121-1	42644	39852	41524	41340	3.40	cps
Arsenic	75-2	2180	2161	2232	2191	1.67	cps
Barium	135-1	430839	432647	427846	430444	0.56	cps
Barium	137-1	749574	745563	745007	746715	0.33	cps
Beryllium	9-1	1922	1995	1661	1859	9.43	cps
Bismuth	209-1	5019041	4927060	5019112	4988404	1.06	cps
Bismuth	209-2	1469852	1473575	1446886	1463438	0.99	cps
Boron	10-1	1400	1600	1642	1547	8.35	cps
Boron	11-1	7777	7377	7677	7611	2.74	cps
Cadmium	111-1	3250	3328	3386	3321	2.05	cps
Cadmium	106-1	1775	2084	2084	1981	8.99	cps
Cadmium	108-1	204	246	188	213	14.14	cps
Calcium	43-1	1372203	1390852	1378469	1380508	0.69	cps
Calcium	44-1	22470773	22403394	22345384	22406517	0.28	cps
Chromium	52-2	31332	31329	31265	31309	0.12	cps
Cobalt	59-2	29772	29962	29568	29768	0.66	cps
Copper	63-2	96633	96764	96123	96506	0.35	cps
Dysprosium	156-1	43047	43340	42729	43039	0.71	cps
Dysprosium	156-2	9770	9760	9740	9757	0.16	cps
Erbium	164-1	38450	37639	37422	37837	1.43	cps
Erbium	164-2	7479	7576	7666	7573	1.23	cps
Gadolinium	160-1	41108	41726	42344	41726	1.48	cps
Gadolinium	160-2	12076	11575	11712	11788	2.19	cps
Holmium	165-1	8633562	8411163	8537104	8527276	1.31	cps
Holmium	165-2	1857447	1881037	1827442	1855308	1.45	cps
Indium	115-1	7593504	7485147	7674410	7584354	1.25	cps
Indium	115-2	292738	292855	286895	290830	1.17	cps
Iron	56-2	20254676	20076866	20248991	20193511	0.50	cps
Iron	57-2	512307	512277	506947	510510	0.60	cps
Lead	206-1	1254720	1234077	1238721	1242506	0.87	cps
Lead	207-1	1022751	1018222	1020394	1020455	0.22	cps
Lead	208-1	4896985	4862036	4860389	4873136	0.42	cps
Lithium	6-1	1149350	1137301	1156885	1147845	0.86	cps
Magnesium	24-2	743926	737991	732439	738119	0.78	cps
Manganese	55-2	286845	286492	285275	286204	0.29	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:22:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	34730	33893	34032	34219	1.31	cps
Molybdenum	95-1	19365	19682	19657	19568	0.90	cps
Molybdenum	96-1	24523	24548	24940	24670	0.95	cps
Molybdenum	97-1	12231	11739	12023	11998	2.06	cps
Molybdenum	98-1	30844	29349	30811	30335	2.81	cps
Neodymium	150-1	66227	67561	65906	66565	1.32	cps
Neodymium	150-2	8616	8453	8954	8674	2.95	cps
Nickel	60-2	23023	22742	23226	22997	1.06	cps
Phosphorus	31-2	533	608	550	564	6.98	cps
Potassium	39-2	31696	31269	34352	32439	5.15	cps
Rhodium	103-1	7166018	6998567	7175670	7113419	1.40	cps
Rhodium	103-2	1753477	1746698	1710730	1736968	1.32	cps
Scandium	45-1	4444751	4391287	4449414	4428484	0.73	cps
Scandium	45-2	31779	31365	31756	31634	0.74	cps
Selenium	77-2	53	47	57	52	9.75	cps
Selenium	78-2	15	39	20	25	51.06	cps
Selenium	82-1	108	89	130	109	18.78	cps
Silicon	28-1	10361731	11036776	8475289	9957932	13.33	cps
Silver	109-1	2067	2350	2309	2242	6.82	cps
Silver	107-1	2584	2159	2392	2378	8.95	cps
Sodium	23-2	14233	15367	15609	15070	4.88	cps
Strontium	86-1	152469	153722	151989	152727	0.59	cps
Strontium	88-1	1313441	1321824	1304998	1313421	0.64	cps
Sulfur	34-1	382437	389706	391235	387793	1.21	cps
Terbium	159-1	9068341	8933453	9099679	9033824	0.98	cps
Terbium	159-2	1797857	1812352	1784998	1798402	0.76	cps
Thallium	203-1	2900	2875	2850	2875	0.87	cps
Thallium	205-1	6369	6744	6894	6669	4.06	cps
Tin	118-1	34863	33117	33552	33844	2.69	cps
Titanium	47-1	208474	178300	181740	189505	8.72	cps
Uranium	238-1	32669	33513	33613	33265	1.56	cps
Vanadium	51-2	30714	30146	29615	30158	1.82	cps
Yttrium	89-1	8895946	8761416	8846150	8834504	0.77	cps
Yttrium	89-2	232762	232311	230608	231894	0.49	cps
Zinc	66-2	24829	24635	24662	24709	0.42	cps
Zirconium	90-1	62970	63764	65785	64173	2.26	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:22:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	14443	14351	13833	14209	2.31	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:25:46	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71817	71147	71506	71490	0.47	cps
Antimony	121-1	29542	31338	30595	30492	2.96	cps
Arsenic	75-2	2406	2263	2204	2291	4.53	cps
Barium	135-1	443735	443717	441235	442896	0.32	cps
Barium	137-1	774832	777848	771018	774566	0.44	cps
Beryllium	9-1	1689	1850	1828	1789	4.88	cps
Bismuth	209-1	5002754	5261309	5091571	5118545	2.57	cps
Bismuth	209-2	1505141	1483349	1486369	1491620	0.79	cps
Boron	10-1	1692	1750	1550	1664	6.18	cps
Boron	11-1	7502	6927	7627	7352	5.08	cps
Cadmium	111-1	3563	3232	3043	3280	8.03	cps
Cadmium	106-1	2209	1942	2200	2117	7.16	cps
Cadmium	108-1	196	188	217	200	7.51	cps
Calcium	43-1	1864281	1870951	1874303	1869845	0.27	cps
Calcium	44-1	30362901	30137413	30190644	30230319	0.39	cps
Chromium	52-2	26188	25781	25166	25712	2.00	cps
Cobalt	59-2	28780	29334	28850	28988	1.04	cps
Copper	63-2	90700	88272	89308	89426	1.36	cps
Dysprosium	156-1	44092	42629	41717	42813	2.80	cps
Dysprosium	156-2	9654	9847	9504	9668	1.78	cps
Erbium	164-1	37472	37330	37204	37335	0.36	cps
Erbium	164-2	7526	7579	7719	7608	1.31	cps
Gadolinium	160-1	41718	43181	41333	42077	2.32	cps
Gadolinium	160-2	11836	11902	12099	11946	1.15	cps
Holmium	165-1	8548559	9034327	8709821	8764236	2.82	cps
Holmium	165-2	1918714	1899446	1895320	1904493	0.66	cps
Indium	115-1	7714050	7991766	7626604	7777473	2.45	cps
Indium	115-2	300880	294235	301689	298935	1.37	cps
Iron	56-2	19890796	19747480	19716087	19784788	0.47	cps
Iron	57-2	502108	498953	497434	499498	0.48	cps
Lead	206-1	2387058	2382182	2351550	2373597	0.81	cps
Lead	207-1	1875942	1872797	1848757	1865832	0.80	cps
Lead	208-1	8977833	8932859	8840905	8917199	0.78	cps
Lithium	6-1	1145938	1229002	1151922	1175621	3.94	cps
Magnesium	24-2	1001667	996671	1005514	1001284	0.44	cps
Manganese	55-2	322547	321722	320167	321478	0.38	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:25:46	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31022	30987	32288	31433	2.36	cps
Molybdenum	95-1	18947	19072	19465	19161	1.41	cps
Molybdenum	96-1	23371	24949	23738	24019	3.44	cps
Molybdenum	97-1	12948	12623	12156	12576	3.17	cps
Molybdenum	98-1	31062	31630	31212	31301	0.94	cps
Neodymium	150-1	63876	64003	61947	63275	1.82	cps
Neodymium	150-2	8473	7933	8326	8244	3.39	cps
Nickel	60-2	27798	27561	26883	27414	1.73	cps
Phosphorus	31-2	592	392	558	514	20.85	cps
Potassium	39-2	29458	28413	28271	28714	2.26	cps
Rhodium	103-1	7135975	7445650	7289071	7290232	2.12	cps
Rhodium	103-2	1774803	1763306	1786518	1774875	0.65	cps
Scandium	45-1	4461812	4699104	4521533	4560816	2.71	cps
Scandium	45-2	32117	31706	31896	31906	0.64	cps
Selenium	77-2	37	40	67	48	34.42	cps
Selenium	78-2	24	35	24	28	23.11	cps
Selenium	82-1	23	85	89	66	56.53	cps
Silicon	28-1	11090205	8044332	9299547	9478028	16.15	cps
Silver	109-1	3576	3334	3509	3473	3.60	cps
Silver	107-1	4001	3317	3509	3609	9.77	cps
Sodium	23-2	13340	13182	13457	13326	1.04	cps
Strontium	86-1	183383	181998	183088	182823	0.40	cps
Strontium	88-1	1621345	1575213	1616518	1604359	1.58	cps
Sulfur	34-1	387148	389979	392280	389803	0.66	cps
Terbium	159-1	8918508	9401761	9027522	9115930	2.78	cps
Terbium	159-2	1883259	1831698	1827756	1847571	1.68	cps
Thallium	203-1	3042	2800	2976	2939	4.25	cps
Thallium	205-1	7828	7386	8020	7744	4.20	cps
Tin	118-1	32632	32332	32365	32443	0.51	cps
Titanium	47-1	183145	166073	173638	174285	4.91	cps
Uranium	238-1	29670	28686	29219	29191	1.69	cps
Vanadium	51-2	26889	27217	27043	27050	0.61	cps
Yttrium	89-1	8804094	9307013	8974145	9028417	2.83	cps
Yttrium	89-2	236956	236968	238736	237554	0.43	cps
Zinc	66-2	25514	24902	25196	25204	1.21	cps
Zirconium	90-1	52086	55302	53161	53516	3.06	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:25:46	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11873	11497	11856	11742	1.81	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:28:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73290	73468	71918	72892	1.16	cps
Antimony	121-1	38477	36041	35256	36591	4.59	cps
Arsenic	75-2	2326	2400	2550	2426	4.71	cps
Barium	135-1	451972	447902	448430	449434	0.49	cps
Barium	137-1	778737	812999	780966	790901	2.42	cps
Beryllium	9-1	2000	2106	2011	2039	2.85	cps
Bismuth	209-1	5150292	5113309	5159016	5140872	0.47	cps
Bismuth	209-2	1507153	1510525	1493489	1503722	0.60	cps
Boron	10-1	2009	1992	2159	2053	4.47	cps
Boron	11-1	8695	8845	8945	8828	1.43	cps
Cadmium	111-1	6118	6060	6019	6066	0.82	cps
Cadmium	106-1	2709	2309	2709	2575	8.97	cps
Cadmium	108-1	488	600	575	554	10.66	cps
Calcium	43-1	1751087	1762993	1742318	1752132	0.59	cps
Calcium	44-1	28411388	28562721	28345041	28439717	0.39	cps
Chromium	52-2	38396	38239	38162	38266	0.31	cps
Cobalt	59-2	27000	26846	27190	27012	0.64	cps
Copper	63-2	181838	179783	180305	180642	0.59	cps
Dysprosium	156-1	44184	45304	46182	45224	2.22	cps
Dysprosium	156-2	10274	10318	10201	10264	0.57	cps
Erbium	164-1	38959	40380	38266	39202	2.75	cps
Erbium	164-2	7826	8143	7722	7897	2.77	cps
Gadolinium	160-1	43984	44034	43240	43752	1.02	cps
Gadolinium	160-2	12680	12249	12613	12514	1.85	cps
Holmium	165-1	8844859	8657781	8608032	8703557	1.43	cps
Holmium	165-2	1908018	1915534	1861294	1894949	1.55	cps
Indium	115-1	7862683	7590006	7770084	7740924	1.79	cps
Indium	115-2	298594	300080	294415	297696	0.99	cps
Iron	56-2	22285054	21962440	22235707	22161067	0.78	cps
Iron	57-2	558430	555897	558828	557718	0.29	cps
Lead	206-1	3338988	3332665	3313430	3328361	0.40	cps
Lead	207-1	2829386	2799369	2794697	2807817	0.67	cps
Lead	208-1	12936277	12959253	12982833	12959454	0.18	cps
Lithium	6-1	1188988	1164084	1184225	1179099	1.12	cps
Magnesium	24-2	988746	978341	973456	980181	0.80	cps
Manganese	55-2	216581	214868	217367	216272	0.59	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:28:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30431	29291	30687	30137	2.47	cps
Molybdenum	95-1	18480	18614	18864	18652	1.04	cps
Molybdenum	96-1	22837	24072	24406	23772	3.48	cps
Molybdenum	97-1	11714	11155	11122	11330	2.94	cps
Molybdenum	98-1	29233	29583	28982	29266	1.03	cps
Neodymium	150-1	67614	67621	68573	67936	0.81	cps
Neodymium	150-2	8973	8756	8990	8906	1.46	cps
Nickel	60-2	25677	24886	25293	25285	1.57	cps
Phosphorus	31-2	900	717	658	758	16.63	cps
Potassium	39-2	24581	25307	25053	24980	1.47	cps
Rhodium	103-1	7421984	7213206	7317264	7317485	1.43	cps
Rhodium	103-2	1805796	1795173	1794105	1798358	0.36	cps
Scandium	45-1	4543727	4456846	4455831	4485468	1.12	cps
Scandium	45-2	32678	32855	31890	32474	1.58	cps
Selenium	77-2	30	50	40	40	25.00	cps
Selenium	78-2	26	22	15	21	26.98	cps
Selenium	82-1	146	54	234	145	62.02	cps
Silicon	28-1	7378127	7743094	6887300	7336174	5.85	cps
Silver	109-1	4376	4676	4193	4415	5.53	cps
Silver	107-1	4468	4576	5160	4734	7.86	cps
Sodium	23-2	19626	18062	18680	18789	4.19	cps
Strontium	86-1	192893	191037	192244	192058	0.49	cps
Strontium	88-1	1677820	1677245	1680623	1678563	0.11	cps
Sulfur	34-1	411149	406499	406760	408136	0.64	cps
Terbium	159-1	9388776	9265132	9268539	9307482	0.76	cps
Terbium	159-2	1837854	1845042	1828761	1837219	0.44	cps
Thallium	203-1	2334	2350	2484	2389	3.44	cps
Thallium	205-1	5735	5802	5943	5827	1.83	cps
Tin	118-1	54847	55408	53182	54479	2.12	cps
Titanium	47-1	105119	104716	107276	105704	1.30	cps
Uranium	238-1	31475	31867	31408	31583	0.78	cps
Vanadium	51-2	26889	27157	26752	26933	0.76	cps
Yttrium	89-1	9130631	8962272	9103181	9065362	1.00	cps
Yttrium	89-2	237487	239304	238289	238360	0.38	cps
Zinc	66-2	53496	52686	53503	53228	0.88	cps
Zirconium	90-1	53469	53852	64785	57369	11.20	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:28:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11931	11822	12432	12062	2.69	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:31:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78744	77060	79658	78487	1.68	cps
Antimony	121-1	58270	58605	57089	57988	1.37	cps
Arsenic	75-2	2700	2691	2667	2686	0.64	cps
Barium	135-1	504469	501839	499378	501895	0.51	cps
Barium	137-1	883332	870510	868788	874210	0.91	cps
Beryllium	9-1	2167	2439	2167	2258	6.96	cps
Bismuth	209-1	5154049	5190450	5179249	5174583	0.36	cps
Bismuth	209-2	1506147	1489233	1357355	1450912	5.61	cps
Boron	10-1	1925	1809	1967	1900	4.32	cps
Boron	11-1	8861	9420	8895	9059	3.46	cps
Cadmium	111-1	8880	9456	8927	9088	3.52	cps
Cadmium	106-1	2509	2567	2667	2581	3.10	cps
Cadmium	108-1	629	550	596	592	6.72	cps
Calcium	43-1	1557960	1534684	1539469	1544038	0.80	cps
Calcium	44-1	25360713	25243829	25125157	25243233	0.47	cps
Chromium	52-2	29064	29314	29154	29177	0.43	cps
Cobalt	59-2	27611	26950	27607	27389	1.39	cps
Copper	63-2	121996	122837	122004	122279	0.40	cps
Dysprosium	156-1	51168	50314	49310	50264	1.85	cps
Dysprosium	156-2	11869	11145	11158	11391	3.64	cps
Erbium	164-1	43491	42872	44753	43705	2.19	cps
Erbium	164-2	8813	8850	8536	8733	1.96	cps
Gadolinium	160-1	49888	47655	47705	48416	2.63	cps
Gadolinium	160-2	13864	13701	13687	13751	0.72	cps
Holmium	165-1	8833130	8868120	8798679	8833309	0.39	cps
Holmium	165-2	1915481	1876794	1720787	1837687	5.61	cps
Indium	115-1	7729915	7778799	7777236	7761983	0.36	cps
Indium	115-2	298347	294766	268574	287229	5.66	cps
Iron	56-2	22837771	22473709	22845630	22719037	0.94	cps
Iron	57-2	572101	562592	565682	566792	0.86	cps
Lead	206-1	2735300	2737661	2741026	2737996	0.11	cps
Lead	207-1	2288660	2296532	2259667	2281620	0.85	cps
Lead	208-1	10611890	10615592	10592770	10606751	0.12	cps
Lithium	6-1	1175787	1186082	1187877	1183248	0.55	cps
Magnesium	24-2	732067	723485	733722	729758	0.75	cps
Manganese	55-2	246076	240932	246260	244423	1.24	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:31:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31439	31856	31655	31650	0.66	cps
Molybdenum	95-1	21184	19915	20116	20405	3.34	cps
Molybdenum	96-1	26285	26227	25333	25948	2.06	cps
Molybdenum	97-1	12331	12673	13249	12751	3.64	cps
Molybdenum	98-1	31713	32665	33075	32484	2.15	cps
Neodymium	150-1	75765	78394	75416	76525	2.13	cps
Neodymium	150-2	10151	9874	9954	9993	1.43	cps
Nickel	60-2	22298	22552	22185	22345	0.84	cps
Phosphorus	31-2	925	858	883	889	3.79	cps
Potassium	39-2	36006	34552	35521	35360	2.09	cps
Rhodium	103-1	7235735	7295179	7327847	7286254	0.64	cps
Rhodium	103-2	1805545	1759150	1598992	1721229	6.30	cps
Scandium	45-1	4504749	4475845	4543450	4508015	0.75	cps
Scandium	45-2	31763	31395	29278	30812	4.35	cps
Selenium	77-2	87	63	73	74	15.73	cps
Selenium	78-2	33	35	30	33	8.65	cps
Selenium	82-1	169	192	81	148	39.84	cps
Silicon	28-1	6494225	7489615	6534922	6839587	8.24	cps
Silver	109-1	3992	3959	4092	4015	1.73	cps
Silver	107-1	4443	4326	4893	4554	6.57	cps
Sodium	23-2	13766	13707	13307	13593	1.83	cps
Strontium	86-1	163661	161553	165105	163440	1.09	cps
Strontium	88-1	1441279	1425747	1413908	1426978	0.96	cps
Sulfur	34-1	405301	411525	406318	407715	0.82	cps
Terbium	159-1	9293575	9295447	9267070	9285364	0.17	cps
Terbium	159-2	1852786	1838874	1683280	1791646	5.25	cps
Thallium	203-1	2925	3242	3126	3098	5.17	cps
Thallium	205-1	6836	6886	6861	6861	0.36	cps
Tin	118-1	95423	95105	93056	94528	1.36	cps
Titanium	47-1	130328	142192	145320	139280	5.68	cps
Uranium	238-1	30205	30238	30839	30427	1.17	cps
Vanadium	51-2	30965	31035	30737	30912	0.50	cps
Yttrium	89-1	9140841	9131137	9082518	9118165	0.34	cps
Yttrium	89-2	239681	235948	218878	231502	4.79	cps
Zinc	66-2	56562	55283	55153	55666	1.40	cps
Zirconium	90-1	56512	59743	54101	56785	4.99	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:31:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	12215	11689	11881	11928	2.23	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:35:06	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97902	96924	97639	97489	0.52	cps
Antimony	121-1	44442	43815	45035	44431	1.37	cps
Arsenic	75-2	3139	3160	3134	3144	0.43	cps
Barium	135-1	802697	801741	792182	798874	0.73	cps
Barium	137-1	1412425	1386707	1373402	1390845	1.43	cps
Beryllium	9-1	2528	2306	2278	2371	5.78	cps
Bismuth	209-1	5120611	5076221	5059436	5085423	0.62	cps
Bismuth	209-2	1527128	1494734	1493138	1505000	1.27	cps
Boron	10-1	1667	1884	1850	1800	6.48	cps
Boron	11-1	7336	8494	8094	7975	7.38	cps
Cadmium	111-1	5561	6173	6247	5994	6.28	cps
Cadmium	106-1	1984	2409	2392	2261	10.65	cps
Cadmium	108-1	433	467	308	403	20.72	cps
Calcium	43-1	712307	711748	714126	712727	0.17	cps
Calcium	44-1	11835094	11783759	11591855	11736903	1.09	cps
Chromium	52-2	36895	36728	37083	36902	0.48	cps
Cobalt	59-2	48247	48417	48554	48406	0.32	cps
Copper	63-2	151192	149537	150902	150544	0.59	cps
Dysprosium	156-1	48758	46593	48090	47814	2.32	cps
Dysprosium	156-2	10688	10978	10835	10834	1.34	cps
Erbium	164-1	42390	41668	42019	42025	0.86	cps
Erbium	164-2	8383	8329	8259	8324	0.74	cps
Gadolinium	160-1	45053	46484	46994	46177	2.18	cps
Gadolinium	160-2	13043	12723	13010	12925	1.36	cps
Holmium	165-1	8547027	8514846	8706913	8589595	1.20	cps
Holmium	165-2	1922827	1915516	1879520	1905954	1.22	cps
Indium	115-1	7693270	7646295	7690746	7676770	0.34	cps
Indium	115-2	303292	298744	295288	299108	1.34	cps
Iron	56-2	27286768	27166060	27217619	27223483	0.22	cps
Iron	57-2	691385	681724	686817	686642	0.70	cps
Lead	206-1	3559640	3536886	3524674	3540400	0.50	cps
Lead	207-1	3007183	2926361	2929818	2954454	1.55	cps
Lead	208-1	13843585	13643480	13553508	13680191	1.09	cps
Lithium	6-1	1149902	1169506	1168729	1162712	0.95	cps
Magnesium	24-2	376031	379096	374068	376398	0.67	cps
Manganese	55-2	399390	400369	401107	400288	0.22	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:35:06	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28373	29141	30282	29265	3.28	cps
Molybdenum	95-1	25358	23688	24306	24451	3.45	cps
Molybdenum	96-1	29542	30195	29725	29821	1.13	cps
Molybdenum	97-1	15851	14550	14800	15067	4.58	cps
Molybdenum	98-1	40562	39099	37946	39202	3.34	cps
Neodymium	150-1	75115	74344	74071	74510	0.73	cps
Neodymium	150-2	10134	10154	9784	10024	2.08	cps
Nickel	60-2	36541	37280	36277	36700	1.42	cps
Phosphorus	31-2	675	458	583	572	19.01	cps
Potassium	39-2	31554	31270	31177	31334	0.63	cps
Rhodium	103-1	7191565	7109302	7209103	7169990	0.74	cps
Rhodium	103-2	1825332	1756644	1784653	1788876	1.93	cps
Scandium	45-1	4470711	4501436	4457291	4476479	0.51	cps
Scandium	45-2	33082	32087	31970	32380	1.89	cps
Selenium	77-2	43	77	77	66	29.36	cps
Selenium	78-2	26	15	22	21	26.98	cps
Selenium	82-1	131	181	156	156	16.28	cps
Silicon	28-1	9596211	7044631	8594643	8411828	15.28	cps
Silver	109-1	7336	7361	6869	7188	3.85	cps
Silver	107-1	7085	7628	7544	7419	3.93	cps
Sodium	23-2	12198	12731	12307	12412	2.27	cps
Strontium	86-1	172199	169725	170341	170755	0.75	cps
Strontium	88-1	1491489	1464178	1497557	1484408	1.20	cps
Sulfur	34-1	397491	392500	390006	393333	0.97	cps
Terbium	159-1	9063965	8947647	9113753	9041789	0.94	cps
Terbium	159-2	1857927	1869345	1843616	1856962	0.69	cps
Thallium	203-1	3926	4326	4143	4131	4.85	cps
Thallium	205-1	10305	10380	10338	10341	0.36	cps
Tin	118-1	288031	287835	285967	287278	0.40	cps
Titanium	47-1	260915	279667	277273	272618	3.74	cps
Uranium	238-1	38603	37761	37792	38052	1.25	cps
Vanadium	51-2	38279	37731	38700	38237	1.27	cps
Yttrium	89-1	8982323	8868427	8879153	8909968	0.71	cps
Yttrium	89-2	241560	239928	239128	240205	0.52	cps
Zinc	66-2	80619	80663	80790	80691	0.11	cps
Zirconium	90-1	44211	46742	46747	45900	3.19	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:35:06	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10551	9512	9704	9922	5.57	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:38:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98644	97634	97526	97935	0.63	cps
Antimony	121-1	68359	68560	67622	68180	0.72	cps
Arsenic	75-2	2986	3063	3169	3073	3.00	cps
Barium	135-1	2196846	2196437	2220861	2204714	0.63	cps
Barium	137-1	3835758	3825454	3780879	3814030	0.76	cps
Beryllium	9-1	3128	3162	3223	3171	1.51	cps
Bismuth	209-1	5116771	5116095	5122922	5118596	0.07	cps
Bismuth	209-2	1507863	1504901	1535616	1516127	1.12	cps
Boron	10-1	2384	2375	2525	2428	3.47	cps
Boron	11-1	10429	11372	11447	11083	5.12	cps
Cadmium	111-1	12683	12463	11848	12331	3.51	cps
Cadmium	106-1	2892	2759	2817	2823	2.37	cps
Cadmium	108-1	775	883	754	804	8.62	cps
Calcium	43-1	530282	534683	528552	531172	0.60	cps
Calcium	44-1	8759413	8727172	8651766	8712784	0.63	cps
Chromium	52-2	40796	39940	39930	40222	1.24	cps
Cobalt	59-2	46551	46280	45959	46263	0.64	cps
Copper	63-2	250458	250020	249581	250020	0.18	cps
Dysprosium	156-1	46191	47128	45923	46414	1.36	cps
Dysprosium	156-2	10498	10775	10681	10651	1.32	cps
Erbium	164-1	39779	40489	39829	40032	0.99	cps
Erbium	164-2	8466	8223	7953	8214	3.13	cps
Gadolinium	160-1	44795	45004	44218	44672	0.91	cps
Gadolinium	160-2	12980	13033	12593	12869	1.87	cps
Holmium	165-1	8623859	8878858	8512896	8671871	2.16	cps
Holmium	165-2	1881926	1883405	1934974	1900102	1.59	cps
Indium	115-1	7815318	7828816	7618439	7754191	1.52	cps
Indium	115-2	300670	299623	303494	301262	0.66	cps
Iron	56-2	25059150	25128929	24982036	25056705	0.29	cps
Iron	57-2	629953	622281	626803	626346	0.62	cps
Lead	206-1	10488396	10552963	10538835	10526731	0.32	cps
Lead	207-1	8837428	9016429	8943536	8932464	1.01	cps
Lead	208-1	41299700	41716439	41755728	41590622	0.61	cps
Lithium	6-1	1184945	1192634	1169637	1182405	0.99	cps
Magnesium	24-2	211121	211429	210436	210995	0.24	cps
Manganese	55-2	461827	456324	462089	460080	0.71	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:38:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22445	22078	21359	21960	2.51	cps
Molybdenum	95-1	22286	22536	23087	22636	1.81	cps
Molybdenum	96-1	26276	26719	26477	26491	0.84	cps
Molybdenum	97-1	14759	13958	14417	14378	2.80	cps
Molybdenum	98-1	37403	36108	35999	36503	2.14	cps
Neodymium	150-1	71649	72728	71454	71944	0.95	cps
Neodymium	150-2	9427	9804	9387	9539	2.41	cps
Nickel	60-2	31629	30754	30801	31062	1.59	cps
Phosphorus	31-2	1650	1767	1842	1753	5.51	cps
Potassium	39-2	38938	38479	38905	38774	0.66	cps
Rhodium	103-1	7268867	7408374	7283956	7320399	1.05	cps
Rhodium	103-2	1767455	1781938	1808819	1786070	1.18	cps
Scandium	45-1	4497183	4558364	4484090	4513212	0.88	cps
Scandium	45-2	32154	32715	32798	32556	1.08	cps
Selenium	77-2	43	50	40	44	11.46	cps
Selenium	78-2	26	22	30	26	14.29	cps
Selenium	82-1	257	190	177	208	20.62	cps
Silicon	28-1	6683135	7432040	8329922	7481699	11.02	cps
Silver	109-1	13124	13733	13599	13485	2.37	cps
Silver	107-1	14525	14158	13983	14222	1.95	cps
Sodium	23-2	13983	15050	14049	14361	4.17	cps
Strontium	86-1	424312	428420	429695	427476	0.66	cps
Strontium	88-1	3771261	3702605	3717274	3730380	0.97	cps
Sulfur	34-1	381613	381181	375570	379455	0.89	cps
Terbium	159-1	9130146	9145734	9040834	9105571	0.62	cps
Terbium	159-2	1820199	1838554	1867217	1841990	1.29	cps
Thallium	203-1	5026	5268	4885	5060	3.83	cps
Thallium	205-1	12265	12098	11823	12062	1.85	cps
Tin	118-1	201870	198174	199401	199815	0.94	cps
Titanium	47-1	257962	259970	268965	262299	2.23	cps
Uranium	238-1	45000	44104	44172	44425	1.12	cps
Vanadium	51-2	37791	38346	38085	38074	0.73	cps
Yttrium	89-1	9041959	9211602	9032362	9095308	1.11	cps
Yttrium	89-2	240891	241264	244199	242118	0.75	cps
Zinc	66-2	243313	244633	244551	244166	0.30	cps
Zirconium	90-1	30306	26938	27552	28265	6.35	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:38:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5435	5877	5093	5468	7.19	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:41:16	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97655	98750	99037	98480	0.74	cps
Antimony	121-1	67154	67354	68451	67653	1.03	cps
Arsenic	75-2	3143	3282	3165	3197	2.33	cps
Barium	135-1	2280958	2244262	2254358	2259859	0.84	cps
Barium	137-1	3949872	3897124	3953084	3933360	0.80	cps
Beryllium	9-1	3456	3256	3256	3323	3.48	cps
Bismuth	209-1	5051471	4980790	5072546	5034936	0.95	cps
Bismuth	209-2	1523544	1504689	1510891	1513041	0.64	cps
Boron	10-1	2684	2159	2750	2531	12.81	cps
Boron	11-1	11380	11205	10721	11102	3.07	cps
Cadmium	111-1	12181	12113	11971	12088	0.89	cps
Cadmium	106-1	3009	2759	2892	2887	4.34	cps
Cadmium	108-1	858	746	904	836	9.74	cps
Calcium	43-1	599757	599764	603865	601129	0.39	cps
Calcium	44-1	9872800	9819862	9779350	9824004	0.48	cps
Chromium	52-2	40181	40736	39840	40252	1.12	cps
Cobalt	59-2	52007	53078	52331	52472	1.05	cps
Copper	63-2	307380	310944	309960	309428	0.59	cps
Dysprosium	156-1	45748	46283	45539	45857	0.84	cps
Dysprosium	156-2	10705	10768	10938	10804	1.12	cps
Erbium	164-1	40857	41250	40999	41035	0.48	cps
Erbium	164-2	8143	8219	8403	8255	1.62	cps
Gadolinium	160-1	44460	45472	45054	44995	1.13	cps
Gadolinium	160-2	12957	13137	13194	13096	0.94	cps
Holmium	165-1	8652318	8544858	8651173	8616116	0.72	cps
Holmium	165-2	1945885	1887246	1872457	1901862	2.04	cps
Indium	115-1	7702904	7704387	7720151	7709147	0.12	cps
Indium	115-2	304585	300004	303259	302616	0.78	cps
Iron	56-2	25200978	25372225	25287889	25287031	0.34	cps
Iron	57-2	631754	642132	633389	635758	0.88	cps
Lead	206-1	10441112	10440727	10495314	10459051	0.30	cps
Lead	207-1	8759603	8694662	8933506	8795924	1.40	cps
Lead	208-1	40908825	40986377	41356357	41083853	0.58	cps
Lithium	6-1	1146532	1154339	1154191	1151688	0.39	cps
Magnesium	24-2	250113	254075	247911	250700	1.25	cps
Manganese	55-2	521916	523457	517362	520912	0.61	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:41:16	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23392	21276	21343	22004	5.47	cps
Molybdenum	95-1	23905	24297	22486	23563	4.04	cps
Molybdenum	96-1	28047	28097	27546	27896	1.09	cps
Molybdenum	97-1	14650	14759	14875	14761	0.76	cps
Molybdenum	98-1	38314	37219	38405	37979	1.74	cps
Neodymium	150-1	73633	73465	72708	73269	0.67	cps
Neodymium	150-2	9624	9740	9814	9726	0.99	cps
Nickel	60-2	30283	30424	30614	30440	0.55	cps
Phosphorus	31-2	1642	1984	1759	1795	9.68	cps
Potassium	39-2	37827	44811	37167	39935	10.61	cps
Rhodium	103-1	7361083	7218011	7276453	7285182	0.99	cps
Rhodium	103-2	1837941	1772139	1802912	1804331	1.82	cps
Scandium	45-1	4597409	4511879	4550236	4553175	0.94	cps
Scandium	45-2	32785	32200	33012	32666	1.28	cps
Selenium	77-2	57	30	43	43	30.77	cps
Selenium	78-2	28	28	24	27	8.07	cps
Selenium	82-1	256	375	273	301	21.42	cps
Silicon	28-1	8060793	6419988	9081904	7854228	17.10	cps
Silver	109-1	14850	14492	14158	14500	2.39	cps
Silver	107-1	14901	14892	15159	14984	1.01	cps
Sodium	23-2	14818	14366	14858	14681	1.86	cps
Strontium	86-1	447562	448864	446711	447712	0.24	cps
Strontium	88-1	3873405	3883463	3884856	3880575	0.16	cps
Sulfur	34-1	382676	378088	376797	379187	0.81	cps
Terbium	159-1	8997697	9040127	9042946	9026923	0.28	cps
Terbium	159-2	1861787	1821249	1834183	1839073	1.13	cps
Thallium	203-1	4743	5135	4885	4921	4.03	cps
Thallium	205-1	11914	11431	11581	11642	2.13	cps
Tin	118-1	185580	191263	187039	187961	1.57	cps
Titanium	47-1	263056	253613	258654	258441	1.83	cps
Uranium	238-1	45092	45652	45058	45267	0.74	cps
Vanadium	51-2	39088	38894	39212	39064	0.41	cps
Yttrium	89-1	9143613	9056769	9081351	9093911	0.49	cps
Yttrium	89-2	243588	238089	242308	241328	1.19	cps
Zinc	66-2	242434	245914	243641	243996	0.72	cps
Zirconium	90-1	32072	26985	23507	27521	15.65	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:41:16	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5635	24515	5343	11831	92.85	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:46:19	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281101	282242	276767	280037	1.03	cps
Antimony	121-1	4900884	4858775	4882725	4880795	0.43	cps
Arsenic	75-2	48302	47992	47877	48057	0.46	cps
Barium	135-1	5005720	5068963	5036451	5037044	0.63	cps
Barium	137-1	8645815	8710541	8700333	8685563	0.40	cps
Beryllium	9-1	659814	657759	666574	661382	0.70	cps
Bismuth	209-1	4970798	5051151	5080322	5034090	1.13	cps
Bismuth	209-2	1463053	1449801	1450973	1454609	0.50	cps
Boron	10-1	76395	75331	77283	76336	1.28	cps
Boron	11-1	348236	354220	357335	353264	1.31	cps
Cadmium	111-1	1027180	1029694	1038760	1031878	0.59	cps
Cadmium	106-1	107971	108013	109038	108341	0.56	cps
Cadmium	108-1	72611	72992	74148	73251	1.09	cps
Calcium	43-1	4934988	5008824	5020430	4988080	0.93	cps
Calcium	44-1	81450821	81989529	82503737	81981362	0.64	cps
Chromium	52-2	413207	407546	408897	409883	0.72	cps
Cobalt	59-2	880350	875036	872970	876119	0.43	cps
Copper	63-2	1527532	1544775	1555051	1542452	0.90	cps
Dysprosium	156-1	75	108	133	106	27.73	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	158	125	100	128	22.90	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	8802633	8936427	8910831	8883297	0.80	cps
Holmium	165-2	1929948	1891739	1889613	1903767	1.19	cps
Indium	115-1	7524259	7465224	7579581	7523021	0.76	cps
Indium	115-2	289118	286649	285450	287073	0.65	cps
Iron	56-2	65836618	64768732	65365367	65323572	0.82	cps
Iron	57-2	1679051	1678682	1677578	1678437	0.05	cps
Lead	206-1	2670791	2640242	2688168	2666400	0.91	cps
Lead	207-1	2378168	2391800	2439250	2403073	1.33	cps
Lead	208-1	10722335	10752197	10915125	10796552	0.96	cps
Lithium	6-1	1071392	1071238	1084539	1075723	0.71	cps
Magnesium	24-2	7250193	7150477	7032291	7144321	1.53	cps
Manganese	55-2	216681	214172	214618	215157	0.62	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:46:19	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3924404	3958655	3935084	3939381	0.44	cps
Molybdenum	95-1	2155368	2154642	2145326	2151778	0.26	cps
Molybdenum	96-1	2744885	2772402	2758702	2758663	0.50	cps
Molybdenum	97-1	1304285	1313628	1307928	1308614	0.36	cps
Molybdenum	98-1	3430089	3412074	3410021	3417394	0.32	cps
Neodymium	150-1	200	260	253	238	13.83	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	256279	255322	255537	255713	0.20	cps
Phosphorus	31-2	4259	4359	3884	4168	6.01	cps
Potassium	39-2	2025460	2007271	2020983	2017905	0.47	cps
Rhodium	103-1	6900771	6889775	6865882	6885476	0.26	cps
Rhodium	103-2	1687033	1680281	1685871	1684395	0.21	cps
Scandium	45-1	4362424	4346521	4391522	4366822	0.52	cps
Scandium	45-2	32314	31786	32124	32075	0.83	cps
Selenium	77-2	367	310	397	358	12.30	cps
Selenium	78-2	1130	1085	1096	1104	2.10	cps
Selenium	82-1	65281	65222	65075	65193	0.16	cps
Silicon	28-1	2404912	2479287	2496659	2460286	1.98	cps
Silver	109-1	4826034	4867993	4921984	4872004	0.99	cps
Silver	107-1	5130581	5115099	5142277	5129319	0.27	cps
Sodium	23-2	17635649	17656731	17536360	17609580	0.37	cps
Strontium	86-1	1386425	1393672	1386906	1389001	0.29	cps
Strontium	88-1	12063990	12020405	11959138	12014511	0.44	cps
Sulfur	34-1	690633	694638	695108	693459	0.35	cps
Terbium	159-1	9245245	9268223	9410861	9308110	0.96	cps
Terbium	159-2	1837351	1814998	1814279	1822209	0.72	cps
Thallium	203-1	3286329	3309758	3373640	3323242	1.36	cps
Thallium	205-1	7647495	7705076	7751807	7701459	0.68	cps
Tin	118-1	3432017	3426581	3435002	3431200	0.12	cps
Titanium	47-1	551208	548496	555511	551738	0.64	cps
Uranium	238-1	9980109	9915726	10120280	10005372	1.05	cps
Vanadium	51-2	312303	308757	307968	309676	0.75	cps
Yttrium	89-1	8271489	8164954	8212757	8216400	0.65	cps
Yttrium	89-2	218563	214613	215587	216254	0.95	cps
Zinc	66-2	128468	126409	126006	126961	1.04	cps
Zirconium	90-1	7614127	7620199	7558866	7597731	0.44	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:46:19	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1696613	1710663	1697928	1701735	0.46	cps

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : CCB074 Instrumnet Name : P8
 Client Sample ID : CCB074 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 13:49:17 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	5560	4876	4484	4973	10.94	cps
Arsenic	75-2	4	0	9	4	107.89	cps
Barium	135-1	50	42	42	44	10.82	cps
Barium	137-1	25	142	92	86	67.97	cps
Beryllium	9-1	244	217	211	224	7.97	cps
Bismuth	209-1	5349983	5279468	5265647	5298366	0.85	cps
Bismuth	209-2	1526747	1521952	1514752	1521150	0.40	cps
Boron	10-1	1892	1659	1875	1809	7.20	cps
Boron	11-1	8603	8961	7411	8325	9.75	cps
Cadmium	111-1	1027	1240	1103	1123	9.63	cps
Cadmium	106-1	1392	1625	1517	1511	7.73	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	1884	1775	1617	1759	7.63	cps
Calcium	44-1	35045	34101	34093	34413	1.59	cps
Chromium	52-2	683	697	707	696	1.68	cps
Cobalt	59-2	37	37	33	36	5.42	cps
Copper	63-2	380	297	243	307	22.46	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	58	39	53.93	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	117	50	83	83	40.00	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	8862613	8672506	8662263	8732461	1.29	cps
Holmium	165-2	1924444	1919844	1885460	1909916	1.12	cps
Indium	115-1	7821945	7825420	7748694	7798687	0.56	cps
Indium	115-2	298434	297608	297640	297894	0.16	cps
Iron	56-2	3201	2912	2939	3017	5.29	cps
Iron	57-2	83	44	50	59	35.49	cps
Lead	206-1	1372	1533	1272	1393	9.46	cps
Lead	207-1	1261	1200	1200	1220	2.89	cps
Lead	208-1	5640	5862	5656	5719	2.16	cps
Lithium	6-1	1102462	1097901	1116928	1105764	0.90	cps
Magnesium	24-2	183	208	125	172	24.83	cps
Manganese	55-2	80	73	57	70	17.17	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:49:17	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	558	400	483	16.45	cps
Molybdenum	95-1	275	275	258	269	3.57	cps
Molybdenum	96-1	467	392	333	397	16.83	cps
Molybdenum	97-1	275	242	175	231	22.08	cps
Molybdenum	98-1	383	392	392	389	1.24	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	110	90	112	20.86	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2242	2475	2584	2434	7.18	cps
Rhodium	103-1	7309337	7219551	7228997	7252628	0.68	cps
Rhodium	103-2	1789259	1782819	1763160	1778413	0.76	cps
Scandium	45-1	4340859	4328353	4319780	4329664	0.24	cps
Scandium	45-2	31843	31232	30948	31341	1.46	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-85	27	-5	-21	-278.94	cps
Silicon	28-1	427676	432414	429767	429952	0.55	cps
Silver	109-1	400	525	433	453	14.30	cps
Silver	107-1	558	492	550	533	6.81	cps
Sodium	23-2	6694	6402	5985	6360	5.60	cps
Strontium	86-1	892	908	867	889	2.36	cps
Strontium	88-1	192	200	250	214	14.75	cps
Sulfur	34-1	366407	368045	369748	368066	0.45	cps
Terbium	159-1	9267168	9271739	9169136	9236014	0.63	cps
Terbium	159-2	1843922	1837848	1812509	1831427	0.91	cps
Thallium	203-1	500	467	408	458	10.12	cps
Thallium	205-1	1200	892	1017	1036	14.97	cps
Tin	118-1	1867	1734	1875	1825	4.36	cps
Titanium	47-1	242	192	175	203	17.11	cps
Uranium	238-1	133	200	192	175	20.76	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	8245167	8177430	8101419	8174672	0.88	cps
Yttrium	89-2	216769	217470	215291	216510	0.51	cps
Zinc	66-2	73	100	97	90	16.14	cps
Zirconium	90-1	1058	967	1200	1075	10.94	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 13:49:17	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	217	225	206	13.03	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:52:25	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5151	4843	4651	4882	5.17	cps
Antimony	121-1	4634	4251	4685	4523	5.24	cps
Arsenic	75-2	148	181	144	158	12.91	cps
Barium	135-1	38549	38599	38825	38658	0.38	cps
Barium	137-1	67992	69223	68369	68528	0.92	cps
Beryllium	9-1	306	261	317	294	9.98	cps
Bismuth	209-1	5121796	5184453	5212687	5172979	0.90	cps
Bismuth	209-2	1526839	1506825	1511901	1515188	0.69	cps
Boron	10-1	1017	875	850	914	9.84	cps
Boron	11-1	4768	4393	4493	4551	4.27	cps
Cadmium	111-1	1354	1273	1158	1262	7.82	cps
Cadmium	106-1	1650	1542	1392	1528	8.49	cps
Cadmium	108-1	25	21	29	25	16.68	cps
Calcium	43-1	18488	18454	19481	18808	3.10	cps
Calcium	44-1	303081	303665	307592	304779	0.81	cps
Chromium	52-2	2260	2244	2040	2181	5.62	cps
Cobalt	59-2	2247	2094	2137	2159	3.66	cps
Copper	63-2	5891	6041	5998	5977	1.29	cps
Dysprosium	156-1	2742	2834	3017	2864	4.89	cps
Dysprosium	156-2	653	570	703	642	10.49	cps
Erbium	164-1	2334	2184	2317	2278	3.61	cps
Erbium	164-2	523	500	480	501	4.33	cps
Gadolinium	160-1	2500	2742	2617	2620	4.61	cps
Gadolinium	160-2	727	807	750	761	5.41	cps
Holmium	165-1	8655810	8627724	8636767	8640100	0.17	cps
Holmium	165-2	1896120	1879068	1865975	1880388	0.80	cps
Indium	115-1	7664473	7636376	7707862	7669570	0.47	cps
Indium	115-2	299916	298270	296787	298324	0.52	cps
Iron	56-2	1206000	1204418	1194653	1201690	0.51	cps
Iron	57-2	30807	30768	30322	30632	0.88	cps
Lead	206-1	115240	114664	113692	114532	0.68	cps
Lead	207-1	92614	95210	94639	94154	1.45	cps
Lead	208-1	440177	442703	442247	441709	0.30	cps
Lithium	6-1	1089986	1089566	1134974	1104842	2.36	cps
Magnesium	24-2	11480	11905	12381	11922	3.78	cps
Manganese	55-2	19397	19908	20111	19805	1.86	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:52:25	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2876	2875	2175	2642	15.30	cps
Molybdenum	95-1	1483	1600	1375	1486	7.57	cps
Molybdenum	96-1	2184	1884	1950	2006	7.85	cps
Molybdenum	97-1	1158	933	917	1003	13.46	cps
Molybdenum	98-1	2609	2359	2909	2625	10.49	cps
Neodymium	150-1	4288	4214	4234	4245	0.89	cps
Neodymium	150-2	567	540	583	563	3.88	cps
Nickel	60-2	1460	1620	1360	1480	8.86	cps
Phosphorus	31-2	42	50	25	39	32.73	cps
Potassium	39-2	4201	3876	4192	4090	4.53	cps
Rhodium	103-1	7132731	7070858	7197301	7133630	0.89	cps
Rhodium	103-2	1800162	1764087	1782248	1782165	1.01	cps
Scandium	45-1	4326784	4326541	4358910	4337412	0.43	cps
Scandium	45-2	32130	31492	31285	31636	1.39	cps
Selenium	77-2	3	7	20	10	88.20	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	-87	23	-51	-38	-145.48	cps
Silicon	28-1	737673	791335	778130	769046	3.64	cps
Silver	109-1	600	592	592	594	0.81	cps
Silver	107-1	617	583	483	561	12.37	cps
Sodium	23-2	5084	4926	4959	4990	1.67	cps
Strontium	86-1	5101	4743	5168	5004	4.57	cps
Strontium	88-1	35230	33601	34954	34595	2.52	cps
Sulfur	34-1	369509	366169	370532	368737	0.62	cps
Terbium	159-1	9111348	9142990	9107897	9120745	0.21	cps
Terbium	159-2	1868160	1813415	1806607	1829394	1.84	cps
Thallium	203-1	417	325	208	317	32.97	cps
Thallium	205-1	942	825	750	839	11.51	cps
Tin	118-1	7553	7261	7336	7383	2.05	cps
Titanium	47-1	5293	4876	5101	5090	4.10	cps
Uranium	238-1	2392	2359	2084	2278	7.43	cps
Vanadium	51-2	1870	1830	1697	1799	5.05	cps
Yttrium	89-1	8104404	8226263	8092132	8140933	0.91	cps
Yttrium	89-2	220050	218815	216908	218591	0.72	cps
Zinc	66-2	1643	1937	2014	1865	10.48	cps
Zirconium	90-1	4351	4326	4551	4409	2.80	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:52:25	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1108	858	1125	1031	14.50	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:55:33	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4034	3792	4301	4042	6.29	cps
Antimony	121-1	2642	2659	2634	2645	0.48	cps
Arsenic	75-2	148	119	124	130	12.09	cps
Barium	135-1	34061	33627	33209	33633	1.27	cps
Barium	137-1	58790	58473	57451	58238	1.20	cps
Beryllium	9-1	239	233	256	243	4.77	cps
Bismuth	209-1	5188495	5254493	5150730	5197906	1.01	cps
Bismuth	209-2	1514130	1516885	1514204	1515073	0.10	cps
Boron	10-1	933	792	842	856	8.40	cps
Boron	11-1	3676	3592	3767	3678	2.38	cps
Cadmium	111-1	1404	1408	1416	1410	0.43	cps
Cadmium	106-1	1617	1634	1634	1628	0.59	cps
Cadmium	108-1	33	8	21	21	60.01	cps
Calcium	43-1	62708	62967	62130	62602	0.68	cps
Calcium	44-1	1023575	1021580	1017392	1020849	0.31	cps
Chromium	52-2	3641	3731	3501	3624	3.20	cps
Cobalt	59-2	1533	1653	1610	1599	3.80	cps
Copper	63-2	7532	7099	7089	7240	3.50	cps
Dysprosium	156-1	2117	2292	2434	2281	6.96	cps
Dysprosium	156-2	503	553	443	500	11.02	cps
Erbium	164-1	2034	1900	1934	1956	3.55	cps
Erbium	164-2	347	363	323	344	5.83	cps
Gadolinium	160-1	2492	2067	2267	2275	9.35	cps
Gadolinium	160-2	697	583	657	646	8.90	cps
Holmium	165-1	8603417	8685183	8644234	8644278	0.47	cps
Holmium	165-2	1897429	1889264	1883245	1889979	0.38	cps
Indium	115-1	7703246	7721337	7670986	7698523	0.33	cps
Indium	115-2	298448	298139	300000	298863	0.33	cps
Iron	56-2	1148974	1156146	1161308	1155476	0.54	cps
Iron	57-2	28808	29342	29103	29085	0.92	cps
Lead	206-1	194586	193333	195013	194311	0.45	cps
Lead	207-1	163406	164717	162090	163404	0.80	cps
Lead	208-1	761241	763201	759904	761449	0.22	cps
Lithium	6-1	1118015	1098798	1102676	1106496	0.92	cps
Magnesium	24-2	29581	28980	28254	28939	2.30	cps
Manganese	55-2	13940	13734	13580	13751	1.31	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:55:33	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3009	2909	2742	2887	4.67	cps
Molybdenum	95-1	2517	2109	1975	2200	12.83	cps
Molybdenum	96-1	2492	2792	2784	2689	6.35	cps
Molybdenum	97-1	1442	1483	1759	1561	11.02	cps
Molybdenum	98-1	3742	3576	3809	3709	3.24	cps
Neodymium	150-1	3441	3561	3441	3481	1.99	cps
Neodymium	150-2	360	433	450	414	11.55	cps
Nickel	60-2	2237	2054	2257	2182	5.14	cps
Phosphorus	31-2	58	42	58	53	18.23	cps
Potassium	39-2	3959	4259	4284	4167	4.34	cps
Rhodium	103-1	7183607	7183039	7232345	7199664	0.39	cps
Rhodium	103-2	1771636	1791885	1779663	1781061	0.57	cps
Scandium	45-1	4388032	4366660	4308717	4354470	0.94	cps
Scandium	45-2	31953	31288	31482	31575	1.08	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-1	-55	39	-6	-848.45	cps
Silicon	28-1	701326	799123	743280	747910	6.56	cps
Silver	109-1	533	458	525	506	8.13	cps
Silver	107-1	508	567	542	539	5.43	cps
Sodium	23-2	4659	4434	4042	4379	7.13	cps
Strontium	86-1	9229	9028	9137	9131	1.10	cps
Strontium	88-1	72836	72409	72083	72443	0.52	cps
Sulfur	34-1	368437	369729	367398	368522	0.32	cps
Terbium	159-1	9087303	9045014	9122962	9085093	0.43	cps
Terbium	159-2	1815347	1848289	1818628	1827422	0.99	cps
Thallium	203-1	283	217	300	267	16.54	cps
Thallium	205-1	658	617	783	686	12.64	cps
Tin	118-1	4784	4968	4859	4871	1.89	cps
Titanium	47-1	7694	7603	7503	7600	1.26	cps
Uranium	238-1	2017	1909	2217	2047	7.64	cps
Vanadium	51-2	1643	1657	1517	1606	4.81	cps
Yttrium	89-1	8143649	8268961	8340081	8250897	1.21	cps
Yttrium	89-2	218971	218973	220865	219603	0.50	cps
Zinc	66-2	3741	3777	3631	3716	2.05	cps
Zirconium	90-1	3667	3810	3868	3782	2.72	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:55:33	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	883	867	825	858	3.50	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:58:41	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5443	5643	6243	5777	7.21	cps
Antimony	121-1	4701	4901	4918	4840	2.49	cps
Arsenic	75-2	233	178	181	198	15.73	cps
Barium	135-1	36426	36560	37471	36819	1.54	cps
Barium	137-1	64985	64668	64290	64648	0.54	cps
Beryllium	9-1	244	289	361	298	19.75	cps
Bismuth	209-1	5081021	5168534	5073423	5107659	1.03	cps
Bismuth	209-2	1479978	1532492	1537942	1516804	2.11	cps
Boron	10-1	700	775	808	761	7.29	cps
Boron	11-1	3134	3234	3200	3189	1.60	cps
Cadmium	111-1	1365	1477	1514	1452	5.35	cps
Cadmium	106-1	1450	1567	1667	1561	6.95	cps
Cadmium	108-1	54	46	46	49	9.91	cps
Calcium	43-1	39598	39105	39390	39364	0.63	cps
Calcium	44-1	655929	658423	658863	657738	0.24	cps
Chromium	52-2	2974	2857	2814	2881	2.87	cps
Cobalt	59-2	1807	1870	1877	1851	2.09	cps
Copper	63-2	640343	645255	636891	640830	0.66	cps
Dysprosium	156-1	2867	2500	2767	2712	6.99	cps
Dysprosium	156-2	653	650	567	623	7.88	cps
Erbium	164-1	2234	2542	2450	2409	6.58	cps
Erbium	164-2	510	2652	480	1214	102.59	cps
Gadolinium	160-1	2975	2867	2792	2878	3.20	cps
Gadolinium	160-2	813	780	763	786	3.24	cps
Holmium	165-1	8560255	8645203	8540056	8581838	0.65	cps
Holmium	165-2	1859862	1900760	1909275	1889966	1.40	cps
Indium	115-1	7666866	7712468	7703349	7694228	0.31	cps
Indium	115-2	293206	302975	301225	299135	1.74	cps
Iron	56-2	1517536	1527944	1508768	1518083	0.63	cps
Iron	57-2	36042	38091	37785	37306	2.96	cps
Lead	206-1	330027	328341	327301	328556	0.42	cps
Lead	207-1	262997	262675	261813	262495	0.23	cps
Lead	208-1	1250600	1246677	1240039	1245772	0.43	cps
Lithium	6-1	1116714	1106704	1094016	1105811	1.03	cps
Magnesium	24-2	21308	21884	21375	21523	1.46	cps
Manganese	55-2	10167	9720	10244	10044	2.82	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:58:41	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3292	3309	3226	3276	1.35	cps
Molybdenum	95-1	1500	1809	1559	1622	10.10	cps
Molybdenum	96-1	2192	2575	1992	2253	13.16	cps
Molybdenum	97-1	1125	1100	1133	1120	1.55	cps
Molybdenum	98-1	2592	2350	2517	2486	4.98	cps
Neodymium	150-1	4074	4421	4067	4187	4.83	cps
Neodymium	150-2	557	553	523	544	3.37	cps
Nickel	60-2	1813	1690	1677	1727	4.36	cps
Phosphorus	31-2	25	50	33	36	35.25	cps
Potassium	39-2	3701	3651	3442	3598	3.81	cps
Rhodium	103-1	7168364	7240365	7181788	7196839	0.53	cps
Rhodium	103-2	1732676	1806129	1805536	1781447	2.37	cps
Scandium	45-1	4347250	4379393	4334006	4353550	0.54	cps
Scandium	45-2	30824	31098	31472	31131	1.04	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	2	6	6	4	49.54	cps
Selenium	82-1	74	-22	-34	6	978.05	cps
Silicon	28-1	871552	913520	976415	920496	5.73	cps
Silver	109-1	667	750	708	708	5.88	cps
Silver	107-1	858	917	583	786	22.65	cps
Sodium	23-2	4234	4451	4777	4487	6.08	cps
Strontium	86-1	7169	7111	7502	7261	2.91	cps
Strontium	88-1	53773	53690	53506	53656	0.26	cps
Sulfur	34-1	370054	372373	371597	371341	0.32	cps
Terbium	159-1	9006253	9118630	8976667	9033850	0.83	cps
Terbium	159-2	1793656	1875283	1845646	1838195	2.25	cps
Thallium	203-1	300	333	292	308	7.15	cps
Thallium	205-1	725	717	617	686	8.79	cps
Tin	118-1	129842	130035	131490	130456	0.69	cps
Titanium	47-1	8065	6785	6952	7268	9.58	cps
Uranium	238-1	2609	2700	2725	2678	2.29	cps
Vanadium	51-2	1770	1833	1917	1840	4.00	cps
Yttrium	89-1	8169875	8242619	8142307	8184934	0.63	cps
Yttrium	89-2	216940	224238	220552	220577	1.65	cps
Zinc	66-2	8433	8509	8503	8482	0.50	cps
Zirconium	90-1	6093	6602	6410	6368	4.03	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 13:58:41	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1559	1350	1225	1378	12.24	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:01:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4343	4493	4409	4415	1.70	cps
Antimony	121-1	1950	2042	1742	1911	8.04	cps
Arsenic	75-2	226	270	272	256	10.23	cps
Barium	135-1	38098	38265	39138	38500	1.45	cps
Barium	137-1	66644	67146	66410	66733	0.56	cps
Beryllium	9-1	289	328	256	291	12.43	cps
Bismuth	209-1	5252763	5139825	5260977	5217855	1.30	cps
Bismuth	209-2	1540219	1552100	1536568	1542962	0.53	cps
Boron	10-1	517	625	617	586	10.29	cps
Boron	11-1	2667	2817	2650	2711	3.39	cps
Cadmium	111-1	1436	1404	1297	1379	5.28	cps
Cadmium	106-1	1583	1525	1408	1506	5.92	cps
Cadmium	108-1	38	38	38	38	0.00	cps
Calcium	43-1	51027	49873	50442	50447	1.14	cps
Calcium	44-1	837901	838170	827079	834383	0.76	cps
Chromium	52-2	2720	2800	2904	2808	3.27	cps
Cobalt	59-2	1683	1557	1597	1612	4.02	cps
Copper	63-2	14044	13764	13954	13921	1.03	cps
Dysprosium	156-1	2575	2442	2617	2545	3.59	cps
Dysprosium	156-2	547	513	533	531	3.16	cps
Erbium	164-1	2134	2184	2250	2189	2.67	cps
Erbium	164-2	413	470	453	446	6.54	cps
Gadolinium	160-1	2317	2450	2492	2420	3.78	cps
Gadolinium	160-2	663	707	703	691	3.49	cps
Holmium	165-1	8841698	8699633	8770693	8770675	0.81	cps
Holmium	165-2	1930863	1923852	1927710	1927475	0.18	cps
Indium	115-1	7830583	7799740	7891124	7840483	0.59	cps
Indium	115-2	306494	304081	300986	303854	0.91	cps
Iron	56-2	1943517	1918758	1912674	1924983	0.85	cps
Iron	57-2	48262	47041	48067	47790	1.37	cps
Lead	206-1	120657	122003	122059	121573	0.65	cps
Lead	207-1	100680	101004	101240	100975	0.28	cps
Lead	208-1	470310	471002	471825	471046	0.16	cps
Lithium	6-1	1128971	1122693	1136327	1129330	0.60	cps
Magnesium	24-2	26492	26801	26643	26645	0.58	cps
Manganese	55-2	12202	11989	11488	11893	3.08	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:01:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2950	3167	3034	3050	3.58	cps
Molybdenum	95-1	2909	2967	2842	2906	2.15	cps
Molybdenum	96-1	3317	3526	3417	3420	3.05	cps
Molybdenum	97-1	1734	1984	1675	1797	9.11	cps
Molybdenum	98-1	4601	4259	4301	4387	4.25	cps
Neodymium	150-1	3861	3961	3914	3912	1.28	cps
Neodymium	150-2	473	517	513	501	4.81	cps
Nickel	60-2	1900	2144	1930	1991	6.66	cps
Phosphorus	31-2	58	108	67	78	34.44	cps
Potassium	39-2	4159	4176	4076	4137	1.30	cps
Rhodium	103-1	7367004	7323548	7378083	7356212	0.39	cps
Rhodium	103-2	1835829	1830675	1784625	1817043	1.55	cps
Scandium	45-1	4459505	4449842	4396043	4435130	0.77	cps
Scandium	45-2	32872	32468	32565	32635	0.65	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-160	-90	-69	-106	-44.77	cps
Silicon	28-1	787255	836129	746378	789921	5.69	cps
Silver	109-1	608	542	517	556	8.53	cps
Silver	107-1	642	458	642	581	18.23	cps
Sodium	23-2	3851	3542	3684	3692	4.18	cps
Strontium	86-1	8770	9487	9195	9151	3.94	cps
Strontium	88-1	67216	69076	69579	68624	1.81	cps
Sulfur	34-1	376030	374659	376429	375706	0.25	cps
Terbium	159-1	9246693	9182242	9219393	9216109	0.35	cps
Terbium	159-2	1888215	1845639	1851093	1861649	1.24	cps
Thallium	203-1	250	267	233	250	6.67	cps
Thallium	205-1	667	633	467	589	18.20	cps
Tin	118-1	4401	4751	4926	4693	5.70	cps
Titanium	47-1	4909	4993	4684	4862	3.28	cps
Uranium	238-1	2392	2292	2325	2336	2.18	cps
Vanadium	51-2	1553	1603	1550	1569	1.90	cps
Yttrium	89-1	8417668	8279579	8423794	8373680	0.97	cps
Yttrium	89-2	226778	223766	220596	223714	1.38	cps
Zinc	66-2	5625	5268	5348	5413	3.46	cps
Zirconium	90-1	3984	3701	3909	3865	3.80	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:01:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	883	842	1008	911	9.52	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:04:58	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4618	4551	4543	4570	0.90	cps
Antimony	121-1	2142	1834	1867	1947	8.69	cps
Arsenic	75-2	248	239	211	233	8.28	cps
Barium	135-1	38465	39369	39744	39193	1.68	cps
Barium	137-1	69835	69048	67087	68657	2.06	cps
Beryllium	9-1	239	261	233	244	6.01	cps
Bismuth	209-1	5154156	5259922	5241230	5218436	1.08	cps
Bismuth	209-2	1533145	1534552	1546696	1538131	0.48	cps
Boron	10-1	558	525	500	528	5.55	cps
Boron	11-1	2217	2334	2109	2220	5.07	cps
Cadmium	111-1	1337	1378	1625	1446	10.77	cps
Cadmium	106-1	1392	1667	1675	1578	10.22	cps
Cadmium	108-1	42	50	21	38	40.07	cps
Calcium	43-1	54147	53503	52048	53233	2.02	cps
Calcium	44-1	883170	879375	876043	879529	0.41	cps
Chromium	52-2	2324	2464	2384	2390	2.94	cps
Cobalt	59-2	1580	1703	1687	1657	4.04	cps
Copper	63-2	12529	12599	12789	12639	1.07	cps
Dysprosium	156-1	2575	2734	2750	2687	3.60	cps
Dysprosium	156-2	620	527	537	561	9.13	cps
Erbium	164-1	2267	2375	2400	2348	3.02	cps
Erbium	164-2	443	487	427	452	6.85	cps
Gadolinium	160-1	2609	2625	2734	2656	2.56	cps
Gadolinium	160-2	643	657	707	669	4.99	cps
Holmium	165-1	8615125	8800121	8738787	8718011	1.08	cps
Holmium	165-2	1932029	1921899	1903732	1919220	0.75	cps
Indium	115-1	7753266	7975972	7777595	7835611	1.56	cps
Indium	115-2	303130	303049	307315	304498	0.80	cps
Iron	56-2	1751026	1756114	1770674	1759271	0.58	cps
Iron	57-2	43496	42353	43184	43011	1.37	cps
Lead	206-1	130475	131120	130570	130722	0.27	cps
Lead	207-1	108202	108437	106992	107877	0.72	cps
Lead	208-1	506797	504234	506372	505801	0.27	cps
Lithium	6-1	1131242	1124215	1133382	1129613	0.42	cps
Magnesium	24-2	28521	27762	29281	28521	2.66	cps
Manganese	55-2	11478	11278	11451	11403	0.95	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:04:58	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2475	2509	2617	2534	2.92	cps
Molybdenum	95-1	1608	1642	1834	1695	7.17	cps
Molybdenum	96-1	2059	2134	2167	2120	2.62	cps
Molybdenum	97-1	1267	1092	1150	1170	7.62	cps
Molybdenum	98-1	2867	2959	2525	2784	8.21	cps
Neodymium	150-1	3721	3907	4121	3916	5.11	cps
Neodymium	150-2	493	507	553	518	6.09	cps
Nickel	60-2	1940	1997	1930	1956	1.84	cps
Phosphorus	31-2	50	100	50	67	43.30	cps
Potassium	39-2	4293	4376	4284	4318	1.17	cps
Rhodium	103-1	7291975	7419659	7263245	7324960	1.14	cps
Rhodium	103-2	1832154	1818976	1803840	1818324	0.78	cps
Scandium	45-1	4437042	4558498	4441094	4478878	1.54	cps
Scandium	45-2	32124	31589	31900	31871	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-39	-114	-55	-69	-57.13	cps
Silicon	28-1	1002302	859611	4158702	2006871	92.93	cps
Silver	109-1	558	633	475	556	14.26	cps
Silver	107-1	508	533	542	528	3.29	cps
Sodium	23-2	3801	3617	3426	3615	5.19	cps
Strontium	86-1	8812	9012	8853	8892	1.19	cps
Strontium	88-1	71293	67827	70207	69776	2.54	cps
Sulfur	34-1	370126	373063	374030	372406	0.55	cps
Terbium	159-1	9055986	9296492	9188915	9180464	1.31	cps
Terbium	159-2	1869837	1863002	1857223	1863354	0.34	cps
Thallium	203-1	325	233	350	303	20.29	cps
Thallium	205-1	675	583	542	600	11.37	cps
Tin	118-1	5726	5635	5551	5638	1.55	cps
Titanium	47-1	4901	5194	4351	4815	8.89	cps
Uranium	238-1	2910	2217	2359	2495	14.67	cps
Vanadium	51-2	1723	1757	1723	1735	1.11	cps
Yttrium	89-1	8361357	8556233	8365791	8427794	1.32	cps
Yttrium	89-2	223987	224147	225476	224537	0.36	cps
Zinc	66-2	5855	5788	5631	5758	1.99	cps
Zirconium	90-1	3826	3601	4143	3856	7.06	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1X9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:04:58	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	858	875	808	847	4.09	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:08:06	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4709	4801	4167	4559	7.51	cps
Antimony	121-1	1717	1734	1458	1636	9.42	cps
Arsenic	75-2	139	128	109	125	11.95	cps
Barium	135-1	26411	25601	25517	25843	1.91	cps
Barium	137-1	44443	44275	45007	44575	0.86	cps
Beryllium	9-1	133	233	222	196	27.92	cps
Bismuth	209-1	5163935	5190830	5187155	5180640	0.28	cps
Bismuth	209-2	1550108	1535345	1517181	1534211	1.07	cps
Boron	10-1	433	283	308	342	23.52	cps
Boron	11-1	1717	1942	1975	1878	7.48	cps
Cadmium	111-1	1278	1128	1292	1233	7.40	cps
Cadmium	106-1	1575	1442	1583	1533	5.18	cps
Cadmium	108-1	29	33	29	31	7.86	cps
Calcium	43-1	33925	31720	33124	32923	3.39	cps
Calcium	44-1	547999	553584	547903	549829	0.59	cps
Chromium	52-2	2207	2237	2207	2217	0.78	cps
Cobalt	59-2	1903	2000	1974	1959	2.55	cps
Copper	63-2	5181	5428	5174	5261	2.75	cps
Dysprosium	156-1	2159	2142	1917	2072	6.51	cps
Dysprosium	156-2	510	460	473	481	5.38	cps
Erbium	164-1	1934	1825	1967	1909	3.88	cps
Erbium	164-2	400	403	433	412	4.45	cps
Gadolinium	160-1	2067	2109	1834	2003	7.40	cps
Gadolinium	160-2	593	647	710	650	8.99	cps
Holmium	165-1	8657186	8766893	8727255	8717112	0.64	cps
Holmium	165-2	1942150	1920041	1867742	1909978	2.00	cps
Indium	115-1	7790933	7926169	7883036	7866713	0.88	cps
Indium	115-2	309394	308978	302653	307008	1.23	cps
Iron	56-2	1101948	1109643	1098887	1103493	0.50	cps
Iron	57-2	27355	27372	28340	27689	2.04	cps
Lead	206-1	90565	90845	92473	91294	1.13	cps
Lead	207-1	73747	73647	75815	74403	1.64	cps
Lead	208-1	347546	349422	355388	350785	1.17	cps
Lithium	6-1	1120011	1126907	1138831	1128583	0.84	cps
Magnesium	24-2	16035	15567	16068	15890	1.76	cps
Manganese	55-2	21727	21497	21721	21648	0.61	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:08:06	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1517	1417	1350	1428	5.88	cps
Molybdenum	95-1	1017	942	900	953	6.21	cps
Molybdenum	96-1	1300	1225	1192	1239	4.48	cps
Molybdenum	97-1	667	742	750	720	6.38	cps
Molybdenum	98-1	1567	1700	1592	1620	4.38	cps
Neodymium	150-1	3447	3507	3387	3447	1.74	cps
Neodymium	150-2	470	503	470	481	4.00	cps
Nickel	60-2	1360	1407	1327	1365	2.95	cps
Phosphorus	31-2	17	75	42	44	65.84	cps
Potassium	39-2	3626	3376	3309	3437	4.86	cps
Rhodium	103-1	7339514	7376388	7315280	7343728	0.42	cps
Rhodium	103-2	1840254	1828168	1795415	1821279	1.27	cps
Scandium	45-1	4439525	4466014	4432429	4445989	0.40	cps
Scandium	45-2	32768	32224	30884	31959	3.03	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	7	4	5	43.39	cps
Selenium	82-1	71	-51	6	8	730.46	cps
Silicon	28-1	749211	723685	736414	736436	1.73	cps
Silver	109-1	275	383	325	328	16.54	cps
Silver	107-1	417	425	392	411	4.22	cps
Sodium	23-2	4042	3801	3451	3765	7.90	cps
Strontium	86-1	5818	6585	5426	5943	9.92	cps
Strontium	88-1	42768	42668	42249	42562	0.65	cps
Sulfur	34-1	371410	371660	363452	368840	1.27	cps
Terbium	159-1	9187032	9207974	9183233	9192746	0.14	cps
Terbium	159-2	1859594	1870080	1845413	1858362	0.67	cps
Thallium	203-1	367	342	242	317	20.89	cps
Thallium	205-1	767	592	600	653	15.12	cps
Tin	118-1	10388	10738	10396	10507	1.90	cps
Titanium	47-1	11055	11213	13019	11762	9.28	cps
Uranium	238-1	1584	1559	1542	1561	1.34	cps
Vanadium	51-2	1620	1543	1680	1615	4.24	cps
Yttrium	89-1	8383352	8383624	8467736	8411571	0.58	cps
Yttrium	89-2	227144	226135	222851	225377	1.00	cps
Zinc	66-2	2407	2177	2260	2281	5.11	cps
Zirconium	90-1	2617	2884	2667	2723	5.21	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:08:06	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	575	558	1043	725	37.90	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:11:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4234	4326	4217	4259	1.37	cps
Antimony	121-1	1375	1525	1634	1511	8.59	cps
Arsenic	75-2	163	165	163	164	0.65	cps
Barium	135-1	40957	41583	41015	41185	0.84	cps
Barium	137-1	72776	71678	70764	71739	1.40	cps
Beryllium	9-1	233	200	183	206	12.38	cps
Bismuth	209-1	5088121	5062352	5105510	5085328	0.43	cps
Bismuth	209-2	1539587	1536884	1541965	1539479	0.17	cps
Boron	10-1	325	383	350	353	8.30	cps
Boron	11-1	1567	1575	1517	1553	2.03	cps
Cadmium	111-1	1197	1367	1405	1323	8.38	cps
Cadmium	106-1	1392	1609	1717	1572	10.53	cps
Cadmium	108-1	33	25	25	28	17.31	cps
Calcium	43-1	23086	24631	24030	23916	3.25	cps
Calcium	44-1	389519	393750	390902	391390	0.55	cps
Chromium	52-2	2480	2404	2394	2426	1.95	cps
Cobalt	59-2	2017	1954	2077	2016	3.06	cps
Copper	63-2	5548	5751	5628	5642	1.82	cps
Dysprosium	156-1	2017	2117	2325	2153	7.31	cps
Dysprosium	156-2	530	523	463	506	7.26	cps
Erbium	164-1	1992	2184	1825	2000	8.97	cps
Erbium	164-2	383	437	370	397	8.89	cps
Gadolinium	160-1	2025	2175	2100	2100	3.57	cps
Gadolinium	160-2	663	713	593	657	9.18	cps
Holmium	165-1	8570167	8678057	8547887	8598704	0.81	cps
Holmium	165-2	1926168	1932815	1902362	1920448	0.83	cps
Indium	115-1	7786068	7802811	7704861	7764580	0.67	cps
Indium	115-2	310738	305954	304825	307173	1.02	cps
Iron	56-2	1392286	1353276	1345948	1363837	1.83	cps
Iron	57-2	34070	34721	34142	34311	1.04	cps
Lead	206-1	218852	216466	215732	217017	0.75	cps
Lead	207-1	172936	170835	171132	171634	0.66	cps
Lead	208-1	827108	818434	823474	823005	0.53	cps
Lithium	6-1	1130286	1122565	1119529	1124127	0.49	cps
Magnesium	24-2	11830	11722	12406	11986	3.07	cps
Manganese	55-2	21296	20312	21029	20879	2.44	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:11:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1784	1942	1784	1836	4.98	cps
Molybdenum	95-1	1250	1358	1367	1325	4.91	cps
Molybdenum	96-1	1692	1625	1659	1659	2.01	cps
Molybdenum	97-1	808	833	808	817	1.77	cps
Molybdenum	98-1	2184	1917	2192	2097	7.46	cps
Neodymium	150-1	3487	3701	3427	3538	4.06	cps
Neodymium	150-2	487	487	527	500	4.62	cps
Nickel	60-2	1290	1360	1377	1342	3.43	cps
Phosphorus	31-2	75	117	75	89	27.07	cps
Potassium	39-2	3917	3759	4940	4205	15.24	cps
Rhodium	103-1	7318236	7257634	7289681	7288517	0.42	cps
Rhodium	103-2	1823624	1840665	1832133	1832140	0.47	cps
Scandium	45-1	4409438	4428948	4441555	4426647	0.37	cps
Scandium	45-2	32384	31769	32591	32248	1.33	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	9	4	7	7	41.70	cps
Selenium	82-1	-1	41	7	15	146.37	cps
Silicon	28-1	754432	941668	782645	826248	12.22	cps
Silver	109-1	333	383	358	358	6.98	cps
Silver	107-1	325	375	425	375	13.33	cps
Sodium	23-2	3642	3326	3909	3626	8.06	cps
Strontium	86-1	6852	6569	6644	6688	2.20	cps
Strontium	88-1	49700	50495	49466	49887	1.08	cps
Sulfur	34-1	364794	366204	365305	365434	0.20	cps
Terbium	159-1	9075209	9064389	9018357	9052652	0.33	cps
Terbium	159-2	1873931	1872314	1867010	1871085	0.19	cps
Thallium	203-1	258	383	333	325	19.36	cps
Thallium	205-1	683	692	775	717	7.07	cps
Tin	118-1	6260	6010	6585	6285	4.59	cps
Titanium	47-1	12997	10505	10429	11310	12.92	cps
Uranium	238-1	1917	1675	1800	1797	6.73	cps
Vanadium	51-2	1727	1597	1637	1653	4.03	cps
Yttrium	89-1	8322004	8345391	8384373	8350589	0.38	cps
Yttrium	89-2	227638	226902	225229	226590	0.54	cps
Zinc	66-2	3614	3461	3597	3557	2.37	cps
Zirconium	90-1	3142	3377	3401	3307	4.32	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:11:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	692	775	692	720	6.69	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:14:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4509	4393	4276	4393	2.66	cps
Antimony	121-1	1759	1617	1442	1606	9.88	cps
Arsenic	75-2	159	144	139	148	7.14	cps
Barium	135-1	40848	40697	39384	40310	2.00	cps
Barium	137-1	71788	73572	69090	71483	3.16	cps
Beryllium	9-1	144	211	156	170	20.96	cps
Bismuth	209-1	5024576	5063253	4901611	4996480	1.69	cps
Bismuth	209-2	1515026	1532549	1539903	1529159	0.84	cps
Boron	10-1	292	308	350	317	9.49	cps
Boron	11-1	1300	1525	1350	1392	8.49	cps
Cadmium	111-1	1298	1125	1216	1213	7.15	cps
Cadmium	106-1	1575	1358	1458	1464	7.41	cps
Cadmium	108-1	13	38	25	25	50.00	cps
Calcium	43-1	24038	23454	22878	23456	2.47	cps
Calcium	44-1	392228	389526	378250	386668	1.92	cps
Chromium	52-2	2494	2180	2257	2310	7.07	cps
Cobalt	59-2	2070	1990	1927	1996	3.60	cps
Copper	63-2	5735	5658	5631	5675	0.95	cps
Dysprosium	156-1	2225	2000	2025	2084	5.92	cps
Dysprosium	156-2	503	527	523	518	2.44	cps
Erbium	164-1	2050	1734	1717	1834	10.25	cps
Erbium	164-2	333	433	380	382	13.09	cps
Gadolinium	160-1	2117	2317	2000	2145	7.47	cps
Gadolinium	160-2	607	557	633	599	6.50	cps
Holmium	165-1	8318494	8555332	8140425	8338083	2.50	cps
Holmium	165-2	1908825	1906951	1942211	1919329	1.03	cps
Indium	115-1	7441591	7748359	7421825	7537259	2.43	cps
Indium	115-2	306334	308336	312945	309205	1.10	cps
Iron	56-2	1364498	1358857	1386216	1369857	1.05	cps
Iron	57-2	33775	34471	34298	34181	1.06	cps
Lead	206-1	219678	217059	207283	214673	3.04	cps
Lead	207-1	170362	171495	163218	168358	2.67	cps
Lead	208-1	823237	821954	786460	810550	2.58	cps
Lithium	6-1	1085867	1099805	1067969	1084547	1.47	cps
Magnesium	24-2	11981	11755	11730	11822	1.17	cps
Manganese	55-2	20482	20258	20686	20475	1.04	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:14:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1942	1717	1792	1817	6.31	cps
Molybdenum	95-1	1175	1200	1267	1214	3.90	cps
Molybdenum	96-1	1717	1667	1408	1597	10.36	cps
Molybdenum	97-1	667	725	642	678	6.31	cps
Molybdenum	98-1	2267	2175	1784	2075	12.37	cps
Neodymium	150-1	3081	3407	3514	3334	6.77	cps
Neodymium	150-2	483	487	523	498	4.46	cps
Nickel	60-2	1237	1367	1297	1300	5.00	cps
Phosphorus	31-2	33	67	117	72	58.08	cps
Potassium	39-2	4043	3717	4084	3948	5.09	cps
Rhodium	103-1	7084520	7264041	7002856	7117139	1.88	cps
Rhodium	103-2	1826349	1798733	1815426	1813503	0.77	cps
Scandium	45-1	4309807	4462608	4279057	4350491	2.26	cps
Scandium	45-2	32013	32558	32812	32461	1.26	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-82	3	-2	-27	-176.53	cps
Silicon	28-1	853298	906740	848787	869608	3.71	cps
Silver	109-1	308	300	333	314	5.53	cps
Silver	107-1	450	300	358	369	20.47	cps
Sodium	23-2	3642	3726	3584	3651	1.95	cps
Strontium	86-1	7077	6969	6610	6885	3.55	cps
Strontium	88-1	49842	49231	47985	49020	1.93	cps
Sulfur	34-1	357110	361966	357829	358968	0.73	cps
Terbium	159-1	8726169	9012370	8597834	8778791	2.42	cps
Terbium	159-2	1847458	1844867	1876111	1856145	0.93	cps
Thallium	203-1	375	275	383	344	17.50	cps
Thallium	205-1	633	683	675	664	4.04	cps
Tin	118-1	6135	6644	5652	6143	8.08	cps
Titanium	47-1	11273	10563	10571	10802	3.78	cps
Uranium	238-1	1750	1559	1475	1595	8.84	cps
Vanadium	51-2	1647	1580	1530	1586	3.69	cps
Yttrium	89-1	8108964	8365004	8065858	8179942	1.98	cps
Yttrium	89-2	225532	226470	228344	226782	0.63	cps
Zinc	66-2	3471	3651	3587	3569	2.56	cps
Zirconium	90-1	3134	2625	2867	2876	8.85	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1D	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:14:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	592	617	606	2.10	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LDLX100	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	100
Date & Time Acquired ::	2017-09-01 14:17:33	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850	800	833	828	3.08	cps
Antimony	121-1	300	317	392	336	14.53	cps
Arsenic	75-2	43	19	24	28	44.39	cps
Barium	135-1	8145	7753	8061	7986	2.59	cps
Barium	137-1	13508	13566	14008	13694	2.00	cps
Beryllium	9-1	122	117	117	119	2.71	cps
Bismuth	209-1	4950648	5031380	5015212	4999080	0.85	cps
Bismuth	209-2	1545750	1533371	1517383	1532168	0.93	cps
Boron	10-1	342	342	225	303	22.25	cps
Boron	11-1	1208	1167	1492	1289	13.72	cps
Cadmium	111-1	1041	1152	1103	1099	5.05	cps
Cadmium	106-1	1458	1567	1500	1509	3.62	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	6260	6519	6652	6477	3.08	cps
Calcium	44-1	106359	105848	108560	106922	1.35	cps
Chromium	52-2	1130	1153	1097	1127	2.53	cps
Cobalt	59-2	470	410	497	459	9.67	cps
Copper	63-2	1393	1390	1280	1355	4.76	cps
Dysprosium	156-1	417	442	333	397	14.28	cps
Dysprosium	156-2	60	127	107	98	34.99	cps
Erbium	164-1	392	333	275	333	17.50	cps
Erbium	164-2	97	100	53	83	31.24	cps
Gadolinium	160-1	525	467	392	461	14.50	cps
Gadolinium	160-2	107	147	110	121	18.33	cps
Holmium	165-1	8423784	8400006	8502686	8442159	0.64	cps
Holmium	165-2	1947698	1925190	1901654	1924847	1.20	cps
Indium	115-1	7651419	7673160	7723396	7682658	0.48	cps
Indium	115-2	312823	313073	305851	310582	1.32	cps
Iron	56-2	261940	263672	261219	262277	0.48	cps
Iron	57-2	6685	6541	6652	6626	1.14	cps
Lead	206-1	41853	42265	41407	41842	1.03	cps
Lead	207-1	33439	33238	33150	33276	0.45	cps
Lead	208-1	159823	159424	157654	158967	0.73	cps
Lithium	6-1	1087100	1091655	1085695	1088150	0.29	cps
Magnesium	24-2	2400	2225	2475	2367	5.42	cps
Manganese	55-2	4234	3901	3957	4031	4.43	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LDLX100	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	100
Date & Time Acquired ::	2017-09-01 14:17:33	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	525	475	475	10.53	cps
Molybdenum	95-1	225	317	208	250	23.33	cps
Molybdenum	96-1	375	300	375	350	12.37	cps
Molybdenum	97-1	150	267	200	206	28.47	cps
Molybdenum	98-1	417	350	517	428	19.61	cps
Neodymium	150-1	567	560	527	551	3.89	cps
Neodymium	150-2	93	83	87	88	5.80	cps
Nickel	60-2	287	370	300	319	14.04	cps
Phosphorus	31-2	0	17	33	17	100.00	cps
Potassium	39-2	2434	2742	2809	2662	7.52	cps
Rhodium	103-1	7298569	7251309	7283088	7277655	0.33	cps
Rhodium	103-2	1850334	1840184	1834183	1841567	0.44	cps
Scandium	45-1	4406536	4382496	4436204	4408412	0.61	cps
Scandium	45-2	32735	32718	31990	32481	1.31	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	7	0	2	3	124.95	cps
Selenium	82-1	-77	-30	-74	-60	-43.37	cps
Silicon	28-1	480388	489170	486482	485347	0.93	cps
Silver	109-1	108	158	125	131	19.50	cps
Silver	107-1	200	233	183	206	12.39	cps
Sodium	23-2	2975	3276	3292	3181	5.60	cps
Strontium	86-1	2200	2217	2000	2139	5.64	cps
Strontium	88-1	9746	9979	10037	9921	1.56	cps
Sulfur	34-1	361217	360622	361771	361203	0.16	cps
Terbium	159-1	8902594	8864398	8972182	8913058	0.61	cps
Terbium	159-2	1888237	1883193	1834805	1868745	1.58	cps
Thallium	203-1	192	183	208	194	6.55	cps
Thallium	205-1	325	300	350	325	7.69	cps
Tin	118-1	1700	1950	1942	1864	7.62	cps
Titanium	47-1	2159	2034	2134	2109	3.14	cps
Uranium	238-1	425	367	367	386	8.72	cps
Vanadium	51-2	277	313	347	312	11.22	cps
Yttrium	89-1	8176020	8288360	8349932	8271437	1.07	cps
Yttrium	89-2	227184	228151	225240	226858	0.65	cps
Zinc	66-2	747	707	630	694	8.54	cps
Zirconium	90-1	1142	1880	992	1338	35.53	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-07LDLX100	Instrumnet Name :	P8
Client Sample ID :	MET1Y1L	Dilution Factor :	100
Date & Time Acquired ::	2017-09-01 14:17:33	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	300	225	236	25.04	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:20:41	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4284	4251	4785	4440	6.74	cps
Antimony	121-1	10138	10521	10255	10304	1.91	cps
Arsenic	75-2	244	222	196	221	10.90	cps
Barium	135-1	76689	75272	74384	75449	1.54	cps
Barium	137-1	130194	131280	129269	130248	0.77	cps
Beryllium	9-1	900	806	778	828	7.74	cps
Bismuth	209-1	5054506	4950126	5026449	5010360	1.08	cps
Bismuth	209-2	1526011	1518629	1524681	1523107	0.26	cps
Boron	10-1	275	333	250	286	14.95	cps
Boron	11-1	1458	1659	1442	1520	7.94	cps
Cadmium	111-1	2096	2106	2196	2133	2.59	cps
Cadmium	106-1	1559	1558	1617	1578	2.13	cps
Cadmium	108-1	58	121	104	94	34.27	cps
Calcium	43-1	23888	23938	23020	23615	2.19	cps
Calcium	44-1	380845	386912	386783	384847	0.90	cps
Chromium	52-2	3711	3844	4001	3852	3.77	cps
Cobalt	59-2	10214	10461	10668	10447	2.17	cps
Copper	63-2	9033	9257	9734	9341	3.83	cps
Dysprosium	156-1	2150	2267	2267	2228	3.02	cps
Dysprosium	156-2	510	540	470	507	6.93	cps
Erbium	164-1	1884	1592	1784	1753	8.46	cps
Erbium	164-2	357	400	323	360	10.68	cps
Gadolinium	160-1	2075	2217	2417	2236	7.68	cps
Gadolinium	160-2	650	617	573	613	6.27	cps
Holmium	165-1	8432309	8416053	8402242	8416868	0.18	cps
Holmium	165-2	1906983	1905453	1899268	1903901	0.21	cps
Indium	115-1	7572246	7664164	7574853	7603755	0.69	cps
Indium	115-2	308090	305463	308239	307264	0.51	cps
Iron	56-2	1359297	1362211	1388024	1369844	1.15	cps
Iron	57-2	35100	33184	34025	34103	2.82	cps
Lead	206-1	209180	209987	211721	210296	0.62	cps
Lead	207-1	165584	164531	166955	165690	0.73	cps
Lead	208-1	794901	796865	802486	798084	0.49	cps
Lithium	6-1	1078118	1076737	1095025	1083293	0.94	cps
Magnesium	24-2	11138	12331	11680	11716	5.10	cps
Manganese	55-2	21540	20886	21343	21256	1.58	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:20:41	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1809	1600	1909	1772	8.88	cps
Molybdenum	95-1	1333	1200	1175	1236	6.89	cps
Molybdenum	96-1	1525	1617	1725	1622	6.17	cps
Molybdenum	97-1	842	908	992	914	8.22	cps
Molybdenum	98-1	1975	2150	2059	2061	4.25	cps
Neodymium	150-1	3094	3174	3281	3183	2.94	cps
Neodymium	150-2	470	473	457	467	1.89	cps
Nickel	60-2	3744	3741	3857	3781	1.76	cps
Phosphorus	31-2	83	92	92	89	5.41	cps
Potassium	39-2	4034	4059	3909	4001	2.01	cps
Rhodium	103-1	7181365	7248736	7067106	7165736	1.28	cps
Rhodium	103-2	1834961	1804695	1819306	1819654	0.83	cps
Scandium	45-1	4326700	4440414	4427170	4398095	1.41	cps
Scandium	45-2	32665	31896	32742	32434	1.44	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	7	4	6	6	33.38	cps
Selenium	82-1	137	117	16	90	71.86	cps
Silicon	28-1	732395	771703	728731	744276	3.20	cps
Silver	109-1	4293	4001	4276	4190	3.91	cps
Silver	107-1	4859	4484	4209	4518	7.22	cps
Sodium	23-2	3667	3442	6099	4403	33.46	cps
Strontium	86-1	6794	6218	6835	6616	5.21	cps
Strontium	88-1	48420	48538	47860	48273	0.75	cps
Sulfur	34-1	366775	361325	365188	364429	0.77	cps
Terbium	159-1	8835422	8911324	8850476	8865741	0.45	cps
Terbium	159-2	1858993	1850648	1846315	1851986	0.35	cps
Thallium	203-1	2959	3276	3342	3192	6.42	cps
Thallium	205-1	7044	7969	6894	7302	7.98	cps
Tin	118-1	5777	6143	5710	5877	3.97	cps
Titanium	47-1	10538	13434	12564	12179	12.20	cps
Uranium	238-1	1742	1500	1667	1636	7.56	cps
Vanadium	51-2	4361	4287	4341	4330	0.88	cps
Yttrium	89-1	8153801	8257438	8137679	8182973	0.79	cps
Yttrium	89-2	227061	225619	225456	226045	0.39	cps
Zinc	66-2	4101	4161	4104	4122	0.82	cps
Zirconium	90-1	2876	2717	2917	2837	3.72	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y1S	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:20:41	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	583	517	592	564	7.29	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:23:49	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3801	3659	3067	3509	11.09	cps
Antimony	121-1	1817	1584	1659	1686	7.06	cps
Arsenic	75-2	102	87	111	100	12.14	cps
Barium	135-1	17996	18188	18748	18311	2.13	cps
Barium	137-1	32666	32691	32065	32474	1.09	cps
Beryllium	9-1	228	211	206	215	5.39	cps
Bismuth	209-1	4997124	5040495	4976274	5004631	0.65	cps
Bismuth	209-2	1511881	1515506	1493168	1506852	0.80	cps
Boron	10-1	442	375	383	400	9.08	cps
Boron	11-1	1342	1458	1558	1453	7.46	cps
Cadmium	111-1	1174	1338	1298	1270	6.72	cps
Cadmium	106-1	1442	1684	1609	1578	7.84	cps
Cadmium	108-1	8	4	46	19	118.01	cps
Calcium	43-1	54029	56247	55076	55117	2.01	cps
Calcium	44-1	910439	899118	907645	905734	0.65	cps
Chromium	52-2	2174	1930	2204	2102	7.13	cps
Cobalt	59-2	1743	1613	1653	1670	3.99	cps
Copper	63-2	5101	5021	4888	5003	2.15	cps
Dysprosium	156-1	2125	1809	1850	1928	8.93	cps
Dysprosium	156-2	540	423	457	473	12.70	cps
Erbium	164-1	1659	1750	1625	1678	3.86	cps
Erbium	164-2	380	423	350	384	9.59	cps
Gadolinium	160-1	1942	1675	2184	1934	13.15	cps
Gadolinium	160-2	570	520	610	567	7.96	cps
Holmium	165-1	8409323	8539208	8432298	8460276	0.82	cps
Holmium	165-2	1909914	1899914	1891455	1900428	0.49	cps
Indium	115-1	7629944	7681445	7701455	7670948	0.48	cps
Indium	115-2	305900	304943	300134	303659	1.02	cps
Iron	56-2	930926	930880	925072	928959	0.36	cps
Iron	57-2	23142	23854	23621	23539	1.54	cps
Lead	206-1	65290	63883	64341	64505	1.11	cps
Lead	207-1	54853	53212	53317	53794	1.71	cps
Lead	208-1	251875	250131	249486	250498	0.49	cps
Lithium	6-1	1101602	1113218	1072690	1095837	1.90	cps
Magnesium	24-2	31119	31970	31344	31478	1.40	cps
Manganese	55-2	15435	16100	15412	15649	2.49	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:23:49	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1534	1450	1525	1503	3.06	cps
Molybdenum	95-1	1025	1042	925	997	6.33	cps
Molybdenum	96-1	1350	1275	1358	1328	3.46	cps
Molybdenum	97-1	617	550	600	589	5.89	cps
Molybdenum	98-1	1592	1458	1550	1533	4.45	cps
Neodymium	150-1	2867	2874	3100	2947	4.51	cps
Neodymium	150-2	353	463	407	408	13.49	cps
Nickel	60-2	1097	1253	1123	1158	7.24	cps
Phosphorus	31-2	0	25	42	22	94.38	cps
Potassium	39-2	3667	3817	3534	3673	3.86	cps
Rhodium	103-1	7231043	7165966	7210839	7202616	0.46	cps
Rhodium	103-2	1823838	1810104	1801909	1811950	0.61	cps
Scandium	45-1	4384987	4351344	4416945	4384425	0.75	cps
Scandium	45-2	32000	32595	31803	32132	1.28	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-21	33	-138	-42	-210.07	cps
Silicon	28-1	759753	835472	745428	780218	6.20	cps
Silver	109-1	350	408	333	364	10.82	cps
Silver	107-1	358	283	400	347	17.03	cps
Sodium	23-2	3509	3351	3542	3467	2.95	cps
Strontium	86-1	7569	7186	7077	7277	3.55	cps
Strontium	88-1	54686	55941	55823	55483	1.25	cps
Sulfur	34-1	367888	360477	364532	364299	1.02	cps
Terbium	159-1	9042206	9059132	8933214	9011517	0.76	cps
Terbium	159-2	1849659	1842624	1824046	1838776	0.72	cps
Thallium	203-1	217	275	208	233	15.57	cps
Thallium	205-1	667	517	475	553	18.24	cps
Tin	118-1	2484	2459	2475	2473	0.51	cps
Titanium	47-1	10513	10012	10154	10226	2.52	cps
Uranium	238-1	1750	1734	1650	1711	3.13	cps
Vanadium	51-2	1327	1437	1407	1390	4.09	cps
Yttrium	89-1	8245089	8179637	8260579	8228435	0.52	cps
Yttrium	89-2	222969	223119	222983	223024	0.04	cps
Zinc	66-2	1627	1447	1643	1572	6.94	cps
Zirconium	90-1	2725	2575	2275	2525	9.07	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:23:49	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	525	558	542	3.08	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:26:59	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4042	3876	4001	3973	2.18	cps
Antimony	121-1	1667	1200	1275	1381	18.15	cps
Arsenic	75-2	120	124	106	117	8.40	cps
Barium	135-1	23872	23363	23463	23566	1.15	cps
Barium	137-1	41106	40789	40764	40886	0.47	cps
Beryllium	9-1	217	139	100	152	39.12	cps
Bismuth	209-1	5019527	5008408	5038587	5022174	0.30	cps
Bismuth	209-2	1523156	1504178	1510631	1512655	0.64	cps
Boron	10-1	342	275	317	311	10.83	cps
Boron	11-1	1100	1125	1083	1103	1.90	cps
Cadmium	111-1	1165	1163	1218	1182	2.62	cps
Cadmium	106-1	1442	1425	1458	1442	1.16	cps
Cadmium	108-1	33	38	17	29	37.79	cps
Calcium	43-1	17345	17203	17520	17356	0.92	cps
Calcium	44-1	292354	290761	284093	289070	1.52	cps
Chromium	52-2	2447	2104	2187	2246	7.98	cps
Cobalt	59-2	1883	1940	1843	1889	2.57	cps
Copper	63-2	5414	5241	5915	5523	6.33	cps
Dysprosium	156-1	1767	1950	2084	1934	8.22	cps
Dysprosium	156-2	397	413	477	429	9.84	cps
Erbium	164-1	1775	1692	1700	1722	2.66	cps
Erbium	164-2	350	380	493	408	18.54	cps
Gadolinium	160-1	2017	1950	1909	1959	2.79	cps
Gadolinium	160-2	540	510	583	544	6.77	cps
Holmium	165-1	8373793	8448532	8383232	8401852	0.48	cps
Holmium	165-2	1922670	1896269	1904091	1907676	0.71	cps
Indium	115-1	7643594	7621915	7554546	7606685	0.61	cps
Indium	115-2	305479	303712	303149	304113	0.40	cps
Iron	56-2	1011468	1006357	1005916	1007914	0.31	cps
Iron	57-2	25290	24750	25580	25207	1.67	cps
Lead	206-1	71903	71031	71607	71514	0.62	cps
Lead	207-1	58412	59339	59199	58984	0.85	cps
Lead	208-1	275869	276182	276438	276163	0.10	cps
Lithium	6-1	1099289	1091351	1080012	1090217	0.89	cps
Magnesium	24-2	11739	11505	11372	11539	1.61	cps
Manganese	55-2	21423	21373	21056	21284	0.94	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:26:59	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1567	1550	1559	1559	0.53	cps
Molybdenum	95-1	1033	1167	1042	1081	6.91	cps
Molybdenum	96-1	1367	1300	1375	1347	3.05	cps
Molybdenum	97-1	700	700	750	717	4.03	cps
Molybdenum	98-1	1600	1742	1867	1736	7.69	cps
Neodymium	150-1	2847	2867	2987	2900	2.61	cps
Neodymium	150-2	363	410	410	394	6.83	cps
Nickel	60-2	1270	1300	1260	1277	1.63	cps
Phosphorus	31-2	58	58	17	44	54.12	cps
Potassium	39-2	3567	3284	3526	3459	4.42	cps
Rhodium	103-1	7108227	7107824	7106109	7107387	0.02	cps
Rhodium	103-2	1808477	1782408	1776300	1789062	0.96	cps
Scandium	45-1	4395053	4360378	4371961	4375797	0.40	cps
Scandium	45-2	32544	32057	31916	32172	1.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-6	56	9	20	161.13	cps
Silicon	28-1	745590	995177	849430	863399	14.52	cps
Silver	109-1	267	208	200	225	16.14	cps
Silver	107-1	358	300	292	317	11.47	cps
Sodium	23-2	3667	3726	2884	3426	13.72	cps
Strontium	86-1	4251	3834	4226	4104	5.70	cps
Strontium	88-1	27712	29283	27855	28283	3.07	cps
Sulfur	34-1	360820	363264	358544	360876	0.65	cps
Terbium	159-1	8929240	8850552	8850019	8876604	0.51	cps
Terbium	159-2	1832457	1856753	1835092	1841434	0.72	cps
Thallium	203-1	292	183	225	233	23.42	cps
Thallium	205-1	500	525	525	517	2.79	cps
Tin	118-1	2917	3367	3334	3206	7.82	cps
Titanium	47-1	10546	10304	10354	10402	1.23	cps
Uranium	238-1	1542	1659	1800	1667	7.76	cps
Vanadium	51-2	1423	1447	1423	1431	0.94	cps
Yttrium	89-1	8234665	8223103	8213953	8223907	0.13	cps
Yttrium	89-2	226215	225487	221272	224325	1.19	cps
Zinc	66-2	2260	2334	2124	2239	4.76	cps
Zirconium	90-1	2550	2350	2468	2456	4.09	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y3	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:26:59	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	533	583	583	567	5.10	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:30:08	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4117	4451	4117	4229	4.55	cps
Antimony	121-1	2284	2209	2534	2342	7.27	cps
Arsenic	75-2	119	111	146	125	14.80	cps
Barium	135-1	21226	21335	21468	21343	0.57	cps
Barium	137-1	37153	36351	36644	36716	1.11	cps
Beryllium	9-1	194	167	250	204	20.83	cps
Bismuth	209-1	4987985	4973263	5053794	5005014	0.86	cps
Bismuth	209-2	1560221	1537972	1540255	1546149	0.79	cps
Boron	10-1	225	208	325	253	24.96	cps
Boron	11-1	1242	1300	1208	1250	3.71	cps
Cadmium	111-1	1163	1408	1091	1220	13.62	cps
Cadmium	106-1	1508	1884	1492	1628	13.61	cps
Cadmium	108-1	8	33	29	24	56.74	cps
Calcium	43-1	69934	68158	70704	69599	1.88	cps
Calcium	44-1	1132277	1140505	1164429	1145737	1.46	cps
Chromium	52-2	2097	2330	2334	2254	6.02	cps
Cobalt	59-2	1553	1637	1643	1611	3.11	cps
Copper	63-2	5134	5041	4848	5008	2.92	cps
Dysprosium	156-1	1850	2100	1909	1953	6.70	cps
Dysprosium	156-2	603	510	497	537	10.83	cps
Erbium	164-1	1867	1867	1867	1867	0.00	cps
Erbium	164-2	343	430	467	413	15.32	cps
Gadolinium	160-1	2117	1925	2150	2064	5.88	cps
Gadolinium	160-2	637	560	633	610	7.10	cps
Holmium	165-1	8391525	8337669	8547787	8425660	1.30	cps
Holmium	165-2	1969898	1955627	1908763	1944763	1.64	cps
Indium	115-1	7640250	7723016	7729199	7697488	0.65	cps
Indium	115-2	314129	311199	310389	311906	0.63	cps
Iron	56-2	1048311	1044845	1036453	1043203	0.58	cps
Iron	57-2	26275	26320	26453	26350	0.35	cps
Lead	206-1	61225	61326	62800	61784	1.43	cps
Lead	207-1	50529	52202	50997	51243	1.68	cps
Lead	208-1	237791	240584	241080	239818	0.74	cps
Lithium	6-1	1121825	1093744	1115819	1110463	1.33	cps
Magnesium	24-2	38411	39088	39547	39016	1.46	cps
Manganese	55-2	15132	15182	15002	15105	0.62	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:30:08	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1884	1734	2059	1892	8.60	cps
Molybdenum	95-1	908	900	883	897	1.42	cps
Molybdenum	96-1	1425	1392	1167	1328	10.58	cps
Molybdenum	97-1	592	733	617	647	11.68	cps
Molybdenum	98-1	1634	1567	1442	1547	6.29	cps
Neodymium	150-1	3241	3254	3347	3281	1.77	cps
Neodymium	150-2	427	450	480	452	5.91	cps
Nickel	60-2	1343	1200	1340	1295	6.32	cps
Phosphorus	31-2	83	42	33	53	50.76	cps
Potassium	39-2	4001	4585	3876	4154	9.12	cps
Rhodium	103-1	7179122	7218704	7338770	7245532	1.15	cps
Rhodium	103-2	1861158	1830972	1822764	1838298	1.10	cps
Scandium	45-1	4409295	4408557	4467834	4428562	0.77	cps
Scandium	45-2	33320	31726	32511	32519	2.45	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	64	-75	-12	-8	-891.90	cps
Silicon	28-1	807942	914886	909763	877530	6.87	cps
Silver	109-1	242	225	158	208	21.17	cps
Silver	107-1	200	317	300	272	23.18	cps
Sodium	23-2	3176	3809	3709	3565	9.55	cps
Strontium	86-1	8178	8328	8453	8320	1.66	cps
Strontium	88-1	64847	66460	65107	65471	1.32	cps
Sulfur	34-1	360084	363201	362556	361947	0.45	cps
Terbium	159-1	8891600	8836522	9021720	8916614	1.07	cps
Terbium	159-2	1888908	1870477	1864029	1874471	0.69	cps
Thallium	203-1	225	258	225	236	8.15	cps
Thallium	205-1	542	350	508	467	21.94	cps
Tin	118-1	5568	2325	2317	3403	55.08	cps
Titanium	47-1	9329	8920	10080	9443	6.23	cps
Uranium	238-1	1508	1392	1759	1553	12.07	cps
Vanadium	51-2	1673	1553	1603	1610	3.74	cps
Yttrium	89-1	8244136	8203111	8458255	8301834	1.65	cps
Yttrium	89-2	232299	229193	229303	230265	0.77	cps
Zinc	66-2	1457	1293	1150	1300	11.80	cps
Zirconium	90-1	3626	3451	3634	3570	2.90	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y4	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:30:08	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	842	758	775	792	5.57	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:33:16	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3559	3817	4168	3848	7.94	cps
Antimony	121-1	1675	1625	1467	1589	6.85	cps
Arsenic	75-2	109	117	124	117	6.35	cps
Barium	135-1	21777	22646	22378	22267	2.00	cps
Barium	137-1	38005	38699	38557	38421	0.95	cps
Beryllium	9-1	228	261	178	222	18.87	cps
Bismuth	209-1	5191636	5101018	5107252	5133302	0.99	cps
Bismuth	209-2	1565077	1573846	1534677	1557867	1.32	cps
Boron	10-1	367	275	342	328	14.46	cps
Boron	11-1	1150	1392	1225	1256	9.85	cps
Cadmium	111-1	1291	1226	1400	1306	6.71	cps
Cadmium	106-1	1675	1559	1825	1686	7.93	cps
Cadmium	108-1	33	21	4	19	75.24	cps
Calcium	43-1	97135	93612	93611	94786	2.15	cps
Calcium	44-1	1576333	1589879	1593192	1586468	0.56	cps
Chromium	52-2	2050	2024	2164	2079	3.58	cps
Cobalt	59-2	1593	1493	1437	1508	5.26	cps
Copper	63-2	4764	4758	4894	4805	1.60	cps
Dysprosium	156-1	2225	1950	2125	2100	6.63	cps
Dysprosium	156-2	520	510	443	491	8.49	cps
Erbium	164-1	1984	1934	1675	1864	8.88	cps
Erbium	164-2	480	393	440	438	9.91	cps
Gadolinium	160-1	2092	2017	2059	2056	1.83	cps
Gadolinium	160-2	627	733	650	670	8.37	cps
Holmium	165-1	8740868	8435029	8605940	8593946	1.78	cps
Holmium	165-2	1979197	1984725	1921108	1961677	1.80	cps
Indium	115-1	7947779	7714746	7777869	7813465	1.54	cps
Indium	115-2	318472	318939	311921	316444	1.24	cps
Iron	56-2	1011931	1013877	1020040	1015283	0.42	cps
Iron	57-2	25874	26064	25830	25923	0.48	cps
Lead	206-1	113737	113183	115067	113996	0.85	cps
Lead	207-1	87640	89105	89385	88710	1.06	cps
Lead	208-1	425473	429247	430580	428433	0.62	cps
Lithium	6-1	1131556	1077233	1108048	1105612	2.46	cps
Magnesium	24-2	52030	51335	51118	51494	0.92	cps
Manganese	55-2	16674	16380	16553	16536	0.89	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:33:16	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1784	1725	1734	1747	1.81	cps
Molybdenum	95-1	983	958	925	956	3.06	cps
Molybdenum	96-1	1525	1367	1342	1411	7.05	cps
Molybdenum	97-1	625	617	700	647	7.09	cps
Molybdenum	98-1	1500	1475	1600	1525	4.34	cps
Neodymium	150-1	2874	3054	2914	2947	3.21	cps
Neodymium	150-2	403	343	440	396	12.34	cps
Nickel	60-2	1487	1587	1500	1525	3.56	cps
Phosphorus	31-2	8	50	50	36	66.62	cps
Potassium	39-2	3576	3651	4101	3776	7.52	cps
Rhodium	103-1	7454156	7260589	7407010	7373918	1.37	cps
Rhodium	103-2	1866937	1888939	1830316	1862064	1.59	cps
Scandium	45-1	4587990	4444415	4546579	4526328	1.63	cps
Scandium	45-2	33092	34319	33306	33572	1.95	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	-9	17	-141	-44	-192.84	cps
Silicon	28-1	894350	708233	899105	833896	13.05	cps
Silver	109-1	308	225	217	250	20.28	cps
Silver	107-1	342	292	342	325	8.88	cps
Sodium	23-2	3501	3701	3601	3601	2.78	cps
Strontium	86-1	9854	9937	9746	9846	0.98	cps
Strontium	88-1	77613	77889	84340	79947	4.76	cps
Sulfur	34-1	374279	377304	372139	374574	0.69	cps
Terbium	159-1	9261474	9054560	9096218	9137417	1.20	cps
Terbium	159-2	1920365	1903247	1903962	1909192	0.51	cps
Thallium	203-1	258	283	208	250	15.27	cps
Thallium	205-1	542	508	525	525	3.17	cps
Tin	118-1	2467	2309	2584	2453	5.63	cps
Titanium	47-1	8086	8345	7336	7922	6.62	cps
Uranium	238-1	1383	1584	1433	1467	7.10	cps
Vanadium	51-2	1393	1260	1463	1372	7.53	cps
Yttrium	89-1	8607847	8304239	8409510	8440532	1.83	cps
Yttrium	89-2	231561	234024	228790	231458	1.13	cps
Zinc	66-2	1320	1403	1447	1390	4.63	cps
Zirconium	90-1	3176	3159	3317	3217	2.71	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y5	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:33:16	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1026	817	1881	1241	45.43	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:36:24	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3434	3459	4135	3676	10.82	cps
Antimony	121-1	1800	1750	1467	1672	10.75	cps
Arsenic	75-2	126	113	137	125	9.62	cps
Barium	135-1	21251	21618	19841	20904	4.49	cps
Barium	137-1	38240	38916	33920	37025	7.32	cps
Beryllium	9-1	161	244	211	206	20.40	cps
Bismuth	209-1	4895577	5064379	4502808	4820922	5.98	cps
Bismuth	209-2	1377705	1427210	1518409	1441108	4.95	cps
Boron	10-1	433	208	292	311	36.57	cps
Boron	11-1	1308	1367	1292	1322	2.98	cps
Cadmium	111-1	1128	1483	1075	1228	18.05	cps
Cadmium	106-1	1283	1825	1308	1472	20.77	cps
Cadmium	108-1	42	17	58	39	53.92	cps
Calcium	43-1	86031	87564	76979	83525	6.85	cps
Calcium	44-1	1478771	1451992	1308415	1413059	6.48	cps
Chromium	52-2	2444	2424	2660	2509	5.23	cps
Cobalt	59-2	1153	1383	1427	1321	11.12	cps
Copper	63-2	8139	8796	8866	8601	4.66	cps
Dysprosium	156-1	2250	1917	2067	2078	8.03	cps
Dysprosium	156-2	490	477	480	482	1.44	cps
Erbium	164-1	1950	1725	1775	1817	6.50	cps
Erbium	164-2	310	440	370	373	17.43	cps
Gadolinium	160-1	2200	2317	1659	2059	17.07	cps
Gadolinium	160-2	580	543	593	572	4.53	cps
Holmium	165-1	8285310	8494525	7811799	8197211	4.27	cps
Holmium	165-2	1729949	1783061	1908083	1807031	5.06	cps
Indium	115-1	7710638	7725399	6923844	7453293	6.15	cps
Indium	115-2	277647	287167	307911	290909	5.32	cps
Iron	56-2	1006193	1039437	1115864	1053831	5.34	cps
Iron	57-2	25140	25980	28502	26541	6.59	cps
Lead	206-1	160767	156880	139359	152335	7.49	cps
Lead	207-1	131709	130391	116701	126267	6.58	cps
Lead	208-1	617289	608317	543437	589681	6.83	cps
Lithium	6-1	1081812	1126825	1019636	1076091	5.00	cps
Magnesium	24-2	44403	46452	48944	46600	4.88	cps
Manganese	55-2	9797	10351	10774	10307	4.76	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:36:24	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1359	1884	1533	1592	16.80	cps
Molybdenum	95-1	908	942	792	881	8.94	cps
Molybdenum	96-1	1117	1292	1133	1181	8.18	cps
Molybdenum	97-1	625	642	600	622	3.37	cps
Molybdenum	98-1	1408	1325	1217	1317	7.30	cps
Neodymium	150-1	3361	3014	3034	3136	6.21	cps
Neodymium	150-2	430	410	447	429	4.28	cps
Nickel	60-2	1470	1327	1440	1412	5.35	cps
Phosphorus	31-2	17	33	50	33	50.00	cps
Potassium	39-2	3125	3242	3451	3273	5.03	cps
Rhodium	103-1	7102657	7241967	6587707	6977444	4.94	cps
Rhodium	103-2	1646616	1692174	1798971	1712587	4.57	cps
Scandium	45-1	4345221	4510763	4042738	4299574	5.52	cps
Scandium	45-2	29154	30386	32942	30827	6.27	cps
Selenium	77-2	0	17	0	6	173.21	cps
Selenium	78-2	7	9	9	9	12.36	cps
Selenium	82-1	41	-42	-63	-21	-259.49	cps
Silicon	28-1	983408	878869	834175	898817	8.52	cps
Silver	109-1	358	292	258	303	16.82	cps
Silver	107-1	275	317	333	308	9.74	cps
Sodium	23-2	3626	3751	3659	3678	1.76	cps
Strontium	86-1	9796	10471	9095	9787	7.03	cps
Strontium	88-1	79515	80311	71674	77167	6.19	cps
Sulfur	34-1	378629	376817	362018	372488	2.45	cps
Terbium	159-1	8812291	8950652	8150196	8637713	4.95	cps
Terbium	159-2	1672074	1731680	1848213	1750655	5.12	cps
Thallium	203-1	192	200	208	200	4.17	cps
Thallium	205-1	583	517	425	508	15.64	cps
Tin	118-1	3267	3459	2925	3217	8.40	cps
Titanium	47-1	4834	5068	4376	4759	7.40	cps
Uranium	238-1	1517	1459	1100	1358	16.61	cps
Vanadium	51-2	1237	1360	1277	1291	4.87	cps
Yttrium	89-1	8103247	8354900	7516363	7991503	5.38	cps
Yttrium	89-2	202391	211020	226392	213267	5.70	cps
Zinc	66-2	2767	3027	3210	3001	7.42	cps
Zirconium	90-1	3392	3151	3084	3209	5.06	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y6	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:36:24	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	858	758	683	767	11.45	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:39:32	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3817	3526	3801	3715	4.41	cps
Antimony	121-1	3159	2784	2750	2898	7.83	cps
Arsenic	75-2	152	139	130	140	7.97	cps
Barium	135-1	23580	25066	24031	24226	3.14	cps
Barium	137-1	41750	41784	41424	41653	0.48	cps
Beryllium	9-1	233	244	144	207	26.43	cps
Bismuth	209-1	5127510	5039677	4858536	5008574	2.74	cps
Bismuth	209-2	1382856	1322824	1413789	1373156	3.37	cps
Boron	10-1	208	300	242	250	18.56	cps
Boron	11-1	1358	1350	1267	1325	3.82	cps
Cadmium	111-1	1391	1565	1516	1490	6.03	cps
Cadmium	106-1	1567	1717	1692	1659	4.85	cps
Cadmium	108-1	21	29	21	24	20.39	cps
Calcium	43-1	76216	77490	78034	77247	1.21	cps
Calcium	44-1	1293631	1285772	1287093	1288832	0.33	cps
Chromium	52-2	1850	2050	1893	1931	5.45	cps
Cobalt	59-2	1050	1237	1250	1179	9.49	cps
Copper	63-2	5648	5625	5828	5700	1.95	cps
Dysprosium	156-1	2375	2659	2359	2464	6.84	cps
Dysprosium	156-2	520	460	517	499	6.76	cps
Erbium	164-1	1967	1967	2034	1989	1.93	cps
Erbium	164-2	417	323	357	366	12.94	cps
Gadolinium	160-1	2234	2317	2450	2334	4.68	cps
Gadolinium	160-2	647	633	610	630	2.95	cps
Holmium	165-1	8668321	8415006	8150568	8411299	3.08	cps
Holmium	165-2	1726157	1683702	1767109	1725656	2.42	cps
Indium	115-1	7969277	7740950	7508898	7739708	2.97	cps
Indium	115-2	282083	265950	284527	277520	3.64	cps
Iron	56-2	1018512	974782	1046898	1013397	3.58	cps
Iron	57-2	26114	24862	26498	25824	3.31	cps
Lead	206-1	125150	129324	126676	127050	1.66	cps
Lead	207-1	105395	106443	105519	105786	0.54	cps
Lead	208-1	488856	496109	489184	491383	0.83	cps
Lithium	6-1	1149107	1117714	1077799	1114873	3.21	cps
Magnesium	24-2	32889	31461	32755	32368	2.44	cps
Manganese	55-2	11388	10421	11548	11119	5.49	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:39:32	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1684	1700	1917	1767	7.37	cps
Molybdenum	95-1	950	1100	983	1011	7.79	cps
Molybdenum	96-1	1142	1350	1325	1272	8.94	cps
Molybdenum	97-1	650	783	717	717	9.30	cps
Molybdenum	98-1	1534	1508	1575	1539	2.19	cps
Neodymium	150-1	3721	3441	3814	3658	5.31	cps
Neodymium	150-2	457	463	440	453	2.65	cps
Nickel	60-2	1237	1020	1180	1146	9.81	cps
Phosphorus	31-2	8	58	17	28	96.44	cps
Potassium	39-2	4192	3826	4001	4006	4.58	cps
Rhodium	103-1	7491432	7315207	7121331	7309324	2.53	cps
Rhodium	103-2	1643935	1592321	1695245	1643834	3.13	cps
Scandium	45-1	4621684	4450824	4358473	4476994	2.98	cps
Scandium	45-2	29742	28563	29832	29379	2.41	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-23	-173	-33	-76	-110.17	cps
Silicon	28-1	782880	813543	812864	803096	2.18	cps
Silver	109-1	242	217	375	278	30.64	cps
Silver	107-1	325	275	425	342	22.36	cps
Sodium	23-2	3284	3284	3301	3289	0.29	cps
Strontium	86-1	8628	8820	8536	8661	1.67	cps
Strontium	88-1	69168	70734	69536	69813	1.17	cps
Sulfur	34-1	375917	376291	377430	376546	0.21	cps
Terbium	159-1	9256478	8882859	8696605	8945314	3.19	cps
Terbium	159-2	1688193	1610524	1720987	1673235	3.39	cps
Thallium	203-1	150	233	250	211	25.38	cps
Thallium	205-1	575	567	600	581	2.99	cps
Tin	118-1	5101	5485	5126	5237	4.10	cps
Titanium	47-1	6293	7250	6035	6526	9.81	cps
Uranium	238-1	1400	1492	1367	1420	4.56	cps
Vanadium	51-2	1453	1417	1533	1468	4.06	cps
Yttrium	89-1	8527411	8287718	8188544	8334558	2.09	cps
Yttrium	89-2	205641	196338	209790	203923	3.38	cps
Zinc	66-2	5101	4544	5148	4931	6.81	cps
Zirconium	90-1	3176	3117	3076	3123	1.61	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y7	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:39:32	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	783	592	617	664	15.70	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:42:40	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4851	5626	4759	5079	9.38	cps
Antimony	121-1	2325	2267	2250	2281	1.73	cps
Arsenic	75-2	152	176	165	164	7.34	cps
Barium	135-1	39142	38582	39349	39025	1.02	cps
Barium	137-1	68804	68318	68721	68614	0.38	cps
Beryllium	9-1	278	261	167	235	25.48	cps
Bismuth	209-1	5089615	5035280	5053652	5059516	0.55	cps
Bismuth	209-2	1541951	1546480	1538799	1542410	0.25	cps
Boron	10-1	275	283	308	289	6.01	cps
Boron	11-1	1150	1283	1217	1217	5.48	cps
Cadmium	111-1	1327	1361	1338	1342	1.31	cps
Cadmium	106-1	1608	1625	1542	1592	2.77	cps
Cadmium	108-1	17	38	17	24	50.93	cps
Calcium	43-1	37166	38178	38412	37919	1.75	cps
Calcium	44-1	618300	618409	613645	616785	0.44	cps
Chromium	52-2	2430	2474	2677	2527	5.21	cps
Cobalt	59-2	2550	2600	2707	2619	3.06	cps
Copper	63-2	7906	7612	7946	7821	2.33	cps
Dysprosium	156-1	2434	1984	2284	2234	10.26	cps
Dysprosium	156-2	533	550	543	542	1.55	cps
Erbium	164-1	1934	2050	2200	2061	6.49	cps
Erbium	164-2	433	397	417	416	4.42	cps
Gadolinium	160-1	2292	2459	2217	2323	5.33	cps
Gadolinium	160-2	687	667	700	684	2.45	cps
Holmium	165-1	8482322	8556400	8417529	8485417	0.82	cps
Holmium	165-2	1965240	1940162	1940814	1948739	0.73	cps
Indium	115-1	7795464	7819348	7803979	7806264	0.16	cps
Indium	115-2	313705	312808	312351	312954	0.22	cps
Iron	56-2	1410047	1412259	1383066	1401790	1.16	cps
Iron	57-2	35112	35290	33814	34738	2.32	cps
Lead	206-1	169928	170485	172287	170900	0.72	cps
Lead	207-1	140732	142666	140604	141334	0.82	cps
Lead	208-1	656998	658466	657924	657796	0.11	cps
Lithium	6-1	1121519	1133154	1125464	1126712	0.53	cps
Magnesium	24-2	19572	19840	19214	19542	1.61	cps
Manganese	55-2	20185	20512	20856	20518	1.64	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:42:40	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1675	1525	1750	1650	6.94	cps
Molybdenum	95-1	1258	1317	1358	1311	3.83	cps
Molybdenum	96-1	1625	1492	1475	1531	5.37	cps
Molybdenum	97-1	792	875	908	858	7.00	cps
Molybdenum	98-1	2059	2059	2242	2120	5.00	cps
Neodymium	150-1	3667	3974	3587	3743	5.46	cps
Neodymium	150-2	520	507	520	516	1.49	cps
Nickel	60-2	1884	1954	1897	1911	1.95	cps
Phosphorus	31-2	42	42	42	42	0.00	cps
Potassium	39-2	3826	3959	3501	3762	6.27	cps
Rhodium	103-1	7214663	7271565	7337819	7274682	0.85	cps
Rhodium	103-2	1868450	1852131	1831291	1850624	1.01	cps
Scandium	45-1	4499305	4472473	4459211	4476996	0.46	cps
Scandium	45-2	33156	33256	32407	32940	1.41	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	7	4	5	43.39	cps
Selenium	82-1	0	-18	-2	-7	-146.33	cps
Silicon	28-1	785333	789236	734050	769540	4.00	cps
Silver	109-1	425	383	425	411	5.85	cps
Silver	107-1	483	508	517	503	3.45	cps
Sodium	23-2	3509	3050	3292	3284	6.98	cps
Strontium	86-1	9395	9045	9520	9320	2.64	cps
Strontium	88-1	72596	72133	74110	72946	1.42	cps
Sulfur	34-1	370600	371127	373299	371675	0.38	cps
Terbium	159-1	9001539	9006024	8973662	8993742	0.19	cps
Terbium	159-2	1898024	1882622	1868484	1883044	0.78	cps
Thallium	203-1	275	392	400	356	19.66	cps
Thallium	205-1	600	633	775	669	13.88	cps
Tin	118-1	14784	14659	14258	14567	1.88	cps
Titanium	47-1	13449	12865	13383	13232	2.42	cps
Uranium	238-1	1900	1975	1817	1897	4.17	cps
Vanadium	51-2	2110	1934	1863	1969	6.46	cps
Yttrium	89-1	8393290	8364692	8307555	8355179	0.52	cps
Yttrium	89-2	232280	228898	227070	229416	1.15	cps
Zinc	66-2	4274	4131	4221	4208	1.72	cps
Zirconium	90-1	4367	2550	2159	3025	38.94	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y8	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:42:40	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	558	467	750	592	24.44	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:45:49	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4601	4634	4976	4737	4.38	cps
Antimony	121-1	3684	3684	3051	3473	10.53	cps
Arsenic	75-2	187	126	163	159	19.40	cps
Barium	135-1	104778	106788	93975	101847	6.77	cps
Barium	137-1	184495	185848	164123	178155	6.83	cps
Beryllium	9-1	356	228	261	281	23.55	cps
Bismuth	209-1	5163567	5117340	4561861	4947589	6.77	cps
Bismuth	209-2	1368554	1342875	1415737	1375722	2.69	cps
Boron	10-1	317	267	267	283	10.19	cps
Boron	11-1	1208	1375	1358	1314	6.99	cps
Cadmium	111-1	1597	1606	1517	1573	3.11	cps
Cadmium	106-1	1600	1700	1500	1600	6.25	cps
Cadmium	108-1	33	79	42	51	47.51	cps
Calcium	43-1	27762	28012	24923	26899	6.38	cps
Calcium	44-1	464000	464381	423370	450584	5.23	cps
Chromium	52-2	2644	2554	2490	2563	3.01	cps
Cobalt	59-2	2144	2214	2077	2145	3.19	cps
Copper	63-2	11285	10938	11361	11195	2.02	cps
Dysprosium	156-1	2442	2184	2059	2228	8.78	cps
Dysprosium	156-2	427	473	477	459	6.09	cps
Erbium	164-1	2184	1900	1909	1997	8.07	cps
Erbium	164-2	403	387	397	396	2.12	cps
Gadolinium	160-1	2292	2000	2242	2178	7.16	cps
Gadolinium	160-2	567	580	547	564	2.97	cps
Holmium	165-1	8550750	8555706	7658301	8254919	6.26	cps
Holmium	165-2	1723732	1692944	1775309	1730662	2.40	cps
Indium	115-1	7712360	7795554	6937034	7481649	6.33	cps
Indium	115-2	278732	272510	287845	279696	2.76	cps
Iron	56-2	1117850	1097316	1157248	1124138	2.71	cps
Iron	57-2	28329	27483	28741	28185	2.28	cps
Lead	206-1	526292	523296	470067	506552	6.24	cps
Lead	207-1	438878	434767	387950	420532	6.73	cps
Lead	208-1	2045996	2030217	1821414	1965876	6.38	cps
Lithium	6-1	1127903	1130395	991797	1083365	7.32	cps
Magnesium	24-2	9746	9737	9770	9751	0.18	cps
Manganese	55-2	21006	20375	21393	20925	2.46	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:45:49	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1258	1542	1158	1320	15.07	cps
Molybdenum	95-1	1167	1300	808	1092	23.29	cps
Molybdenum	96-1	1684	1275	1192	1383	19.02	cps
Molybdenum	97-1	800	683	750	745	7.86	cps
Molybdenum	98-1	1900	1834	1709	1814	5.36	cps
Neodymium	150-1	3707	3347	3294	3449	6.52	cps
Neodymium	150-2	440	403	433	426	4.59	cps
Nickel	60-2	1373	1447	1470	1430	3.53	cps
Phosphorus	31-2	133	125	92	117	18.90	cps
Potassium	39-2	4101	3951	3734	3929	4.69	cps
Rhodium	103-1	7345684	7296202	6534897	7058928	6.44	cps
Rhodium	103-2	1623990	1580638	1687088	1630572	3.28	cps
Scandium	45-1	4570568	4513028	4041732	4375109	6.63	cps
Scandium	45-2	29157	28409	30430	29332	3.48	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	41	-79	-21	-19	-311.80	cps
Silicon	28-1	765929	804885	826880	799231	3.86	cps
Silver	109-1	683	717	642	681	5.52	cps
Silver	107-1	892	800	792	828	6.70	cps
Sodium	23-2	3367	3351	3459	3392	1.72	cps
Strontium	86-1	23045	22603	20049	21899	7.39	cps
Strontium	88-1	182922	184110	164831	177288	6.09	cps
Sulfur	34-1	369239	367827	363828	366965	0.76	cps
Terbium	159-1	9098264	9126924	8035457	8753548	7.11	cps
Terbium	159-2	1662690	1626631	1707169	1665497	2.42	cps
Thallium	203-1	342	392	317	350	10.91	cps
Thallium	205-1	908	833	775	839	7.97	cps
Tin	118-1	10163	9912	9237	9771	4.90	cps
Titanium	47-1	13401	12690	11739	12610	6.61	cps
Uranium	238-1	2350	2192	2242	2261	3.58	cps
Vanadium	51-2	1653	1703	1717	1691	1.97	cps
Yttrium	89-1	8446985	8407973	7483885	8112948	6.72	cps
Yttrium	89-2	204933	199438	211744	205372	3.00	cps
Zinc	66-2	11028	11251	11758	11346	3.30	cps
Zirconium	90-1	1842	1784	1625	1750	6.41	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Y9	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:45:49	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4652	383	417	1817	135.08	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:48:57	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5510	5051	5068	5210	4.99	cps
Antimony	121-1	3367	3567	3409	3448	3.06	cps
Arsenic	75-2	180	146	165	164	10.21	cps
Barium	135-1	112568	110400	110013	110994	1.24	cps
Barium	137-1	192693	195045	194198	193979	0.61	cps
Beryllium	9-1	367	244	300	304	20.15	cps
Bismuth	209-1	4583553	5004675	5082681	4890303	5.49	cps
Bismuth	209-2	1558842	1549501	1538558	1548967	0.66	cps
Boron	10-1	367	317	225	303	23.73	cps
Boron	11-1	1300	1408	1408	1372	4.56	cps
Cadmium	111-1	1647	1641	1694	1661	1.75	cps
Cadmium	106-1	1492	1617	1600	1570	4.33	cps
Cadmium	108-1	38	46	67	50	30.05	cps
Calcium	43-1	31536	32631	32522	32230	1.87	cps
Calcium	44-1	527501	528625	525417	527181	0.31	cps
Chromium	52-2	3047	2574	2867	2829	8.45	cps
Cobalt	59-2	2624	2814	2970	2803	6.20	cps
Copper	63-2	16193	15792	15863	15949	1.34	cps
Dysprosium	156-1	2492	2100	2459	2350	9.24	cps
Dysprosium	156-2	450	510	540	500	9.16	cps
Erbium	164-1	1992	2017	2100	2036	2.79	cps
Erbium	164-2	360	460	440	420	12.60	cps
Gadolinium	160-1	2325	2475	2084	2295	8.61	cps
Gadolinium	160-2	717	620	720	686	8.28	cps
Holmium	165-1	7817041	8436021	8561621	8271561	4.82	cps
Holmium	165-2	1966627	1958136	1940963	1955242	0.67	cps
Indium	115-1	7074184	7743703	7868853	7562247	5.65	cps
Indium	115-2	320264	313936	315993	316731	1.02	cps
Iron	56-2	1288351	1277398	1290853	1285534	0.56	cps
Iron	57-2	33263	31625	32611	32500	2.54	cps
Lead	206-1	517504	519700	517293	518165	0.26	cps
Lead	207-1	432890	433333	429694	431972	0.46	cps
Lead	208-1	2030791	2020649	2013511	2021650	0.43	cps
Lithium	6-1	1020741	1113475	1135895	1090037	5.60	cps
Magnesium	24-2	13332	12715	12865	12970	2.48	cps
Manganese	55-2	26525	26896	27103	26842	1.09	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:48:57	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1300	1492	1684	1492	12.85	cps
Molybdenum	95-1	1283	1258	1433	1325	7.14	cps
Molybdenum	96-1	1342	1492	14210	5681	130.02	cps
Molybdenum	97-1	850	650	1033	845	22.71	cps
Molybdenum	98-1	1784	2142	1767	1897	11.17	cps
Neodymium	150-1	3554	3847	3574	3658	4.48	cps
Neodymium	150-2	540	417	453	470	13.48	cps
Nickel	60-2	1640	1740	1497	1626	7.52	cps
Phosphorus	31-2	108	83	125	106	19.87	cps
Potassium	39-2	4234	3934	4334	4167	5.00	cps
Rhodium	103-1	6683798	7328891	7321295	7111328	5.21	cps
Rhodium	103-2	1877184	1855529	1833870	1855527	1.17	cps
Scandium	45-1	4127556	4440725	4545791	4371357	4.98	cps
Scandium	45-2	32902	33042	33560	33168	1.05	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	-48	-115	-56	-73	-50.37	cps
Silicon	28-1	816118	802720	817608	812149	1.01	cps
Silver	109-1	758	775	725	753	3.38	cps
Silver	107-1	850	867	750	822	7.67	cps
Sodium	23-2	3242	3651	3584	3492	6.27	cps
Strontium	86-1	24431	23279	23187	23633	2.93	cps
Strontium	88-1	194124	192599	189618	192113	1.19	cps
Sulfur	34-1	371746	376070	373302	373706	0.59	cps
Terbium	159-1	8146452	8834410	9080793	8687218	5.57	cps
Terbium	159-2	1922103	1893869	1871143	1895705	1.35	cps
Thallium	203-1	325	267	233	275	16.87	cps
Thallium	205-1	825	825	900	850	5.09	cps
Tin	118-1	9879	9746	9762	9796	0.74	cps
Titanium	47-1	12164	13499	13100	12921	5.30	cps
Uranium	238-1	2342	2259	2417	2339	3.39	cps
Vanadium	51-2	2104	1934	1913	1984	5.26	cps
Yttrium	89-1	7591908	8268124	8451215	8103749	5.59	cps
Yttrium	89-2	234734	230605	233024	232788	0.89	cps
Zinc	66-2	12502	12980	12486	12656	2.22	cps
Zirconium	90-1	1767	1925	2076	1923	8.03	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	I5061-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MET1Z0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-01 14:48:57	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	333	450	369	18.92	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:52:06	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290706	292707	288752	290722	0.68	cps
Antimony	121-1	5136682	5156564	5176118	5156455	0.38	cps
Arsenic	75-2	49983	49864	49708	49851	0.28	cps
Barium	135-1	5153859	5168711	5160681	5161084	0.14	cps
Barium	137-1	8896929	8829807	8831969	8852902	0.43	cps
Beryllium	9-1	701203	696848	697870	698640	0.33	cps
Bismuth	209-1	5051459	4998191	4999744	5016465	0.60	cps
Bismuth	209-2	1465978	1462725	1451135	1459946	0.53	cps
Boron	10-1	79915	79009	80266	79730	0.81	cps
Boron	11-1	366704	372362	375579	371548	1.21	cps
Cadmium	111-1	1058900	1066694	1057440	1061011	0.47	cps
Cadmium	106-1	111290	112391	109871	111184	1.14	cps
Cadmium	108-1	74995	74878	74224	74699	0.56	cps
Calcium	43-1	5193389	5222277	5133466	5183044	0.87	cps
Calcium	44-1	85093823	85369544	84637044	85033470	0.44	cps
Chromium	52-2	424254	430030	423010	425764	0.88	cps
Cobalt	59-2	906216	906521	903738	905492	0.17	cps
Copper	63-2	1595362	1589024	1568150	1584178	0.90	cps
Dysprosium	156-1	117	167	175	153	20.65	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	92	175	83	117	43.45	cps
Gadolinium	160-2	33	23	23	27	21.65	cps
Holmium	165-1	8897482	8757256	8840652	8831797	0.80	cps
Holmium	165-2	1927523	1907107	1923002	1919211	0.56	cps
Indium	115-1	7583615	7574445	7519012	7559024	0.46	cps
Indium	115-2	293360	291268	288233	290954	0.89	cps
Iron	56-2	68630071	67595321	67709228	67978207	0.83	cps
Iron	57-2	1741164	1732696	1753528	1742463	0.60	cps
Lead	206-1	2669727	2729936	2702882	2700848	1.12	cps
Lead	207-1	2449686	2456936	2484551	2463724	0.75	cps
Lead	208-1	10961031	11042794	10933968	10979264	0.52	cps
Lithium	6-1	1107181	1087574	1110915	1101890	1.14	cps
Magnesium	24-2	7401475	7486282	7387609	7425122	0.72	cps
Manganese	55-2	224727	225606	224704	225012	0.23	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:52:06	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4076034	4062817	4093528	4077460	0.38	cps
Molybdenum	95-1	2198234	2192820	2205831	2198961	0.30	cps
Molybdenum	96-1	2805714	2823261	2853394	2827456	0.85	cps
Molybdenum	97-1	1334444	1357111	1341037	1344197	0.87	cps
Molybdenum	98-1	3501387	3498660	3514974	3505007	0.25	cps
Neodymium	150-1	240	293	253	262	10.59	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	267020	265562	265752	266112	0.30	cps
Phosphorus	31-2	4659	4376	4434	4490	3.33	cps
Potassium	39-2	2111203	2103767	2106036	2107002	0.18	cps
Rhodium	103-1	6931238	6835395	6901826	6889486	0.71	cps
Rhodium	103-2	1708737	1722327	1691059	1707374	0.92	cps
Scandium	45-1	4455076	4454372	4451117	4453522	0.05	cps
Scandium	45-2	32715	32628	32341	32561	0.60	cps
Selenium	77-2	387	357	350	364	5.36	cps
Selenium	78-2	1196	1219	1107	1174	5.01	cps
Selenium	82-1	67660	66987	67429	67359	0.51	cps
Silicon	28-1	2339424	2318264	2331349	2329679	0.46	cps
Silver	109-1	5014950	4971526	4970980	4985819	0.51	cps
Silver	107-1	5287414	5294715	5257876	5280001	0.37	cps
Sodium	23-2	18602312	18447972	18394439	18481575	0.58	cps
Strontium	86-1	1447902	1448212	1450881	1448998	0.11	cps
Strontium	88-1	12437303	12281977	12345609	12354963	0.63	cps
Sulfur	34-1	738373	728889	721859	729707	1.14	cps
Terbium	159-1	9387360	9211545	9204056	9267654	1.12	cps
Terbium	159-2	1863224	1841623	1851089	1851979	0.58	cps
Thallium	203-1	3371640	3344026	3344634	3353433	0.47	cps
Thallium	205-1	7800092	7784545	7798351	7794329	0.11	cps
Tin	118-1	3517960	3518354	3469323	3501879	0.81	cps
Titanium	47-1	572445	569283	575279	572336	0.52	cps
Uranium	238-1	10074778	10110794	10151995	10112522	0.38	cps
Vanadium	51-2	320499	319795	318158	319484	0.38	cps
Yttrium	89-1	8345478	8249134	8199289	8264634	0.90	cps
Yttrium	89-2	220833	221296	220451	220860	0.19	cps
Zinc	66-2	132489	131634	131785	131969	0.35	cps
Zirconium	90-1	7863782	7764429	7832847	7820353	0.65	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:52:06	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1737877	1744037	1751216	1744377	0.38	cps

LB Number : LB89847 Operator : Jaswal
 Lab Sample ID : CCB075 Instrumnet Name : P8
 Client Sample ID : CCB075 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-01 14:55:04 DataFile Name : 062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	5276	4559	4718	4851	7.76	cps
Arsenic	75-2	7	4	11	7	50.02	cps
Barium	135-1	58	8	58	42	69.29	cps
Barium	137-1	50	58	75	61	20.83	cps
Beryllium	9-1	256	200	178	211	18.98	cps
Bismuth	209-1	5168771	5060895	5128446	5119370	1.06	cps
Bismuth	209-2	1523691	1532067	1521345	1525701	0.37	cps
Boron	10-1	1517	1608	1692	1606	5.45	cps
Boron	11-1	8086	7544	6677	7436	9.56	cps
Cadmium	111-1	1275	1291	1196	1254	4.03	cps
Cadmium	106-1	1750	1775	1650	1725	3.84	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	1592	1892	1667	1717	9.09	cps
Calcium	44-1	35654	36775	35412	35947	2.02	cps
Chromium	52-2	780	743	637	720	10.34	cps
Cobalt	59-2	37	40	27	34	20.14	cps
Copper	63-2	223	220	220	221	0.87	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	17	42	58	39	53.93	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	8619618	8588351	8567590	8591853	0.30	cps
Holmium	165-2	1925654	1925798	1906327	1919260	0.58	cps
Indium	115-1	7621047	7717456	7795044	7711182	1.13	cps
Indium	115-2	305696	305830	301828	304451	0.75	cps
Iron	56-2	2761	2634	2906	2767	4.92	cps
Iron	57-2	78	94	56	76	25.70	cps
Lead	206-1	1078	1028	1011	1039	3.34	cps
Lead	207-1	861	828	761	817	6.23	cps
Lead	208-1	4000	3761	3684	3815	4.33	cps
Lithium	6-1	1098197	1114231	1108484	1106971	0.73	cps
Magnesium	24-2	150	225	175	183	20.83	cps
Manganese	55-2	70	93	70	78	17.32	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:55:04	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	558	558	550	2.62	cps
Molybdenum	95-1	333	292	250	292	14.29	cps
Molybdenum	96-1	400	350	258	336	21.38	cps
Molybdenum	97-1	233	233	117	194	34.64	cps
Molybdenum	98-1	475	342	425	414	16.27	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	77	133	94	35.71	cps
Phosphorus	31-2	0	33	8	14	124.92	cps
Potassium	39-2	2325	2250	2459	2345	4.50	cps
Rhodium	103-1	7221267	7328157	7264496	7271306	0.74	cps
Rhodium	103-2	1831910	1821299	1787857	1813688	1.27	cps
Scandium	45-1	4348341	4330265	4366408	4348338	0.42	cps
Scandium	45-2	32003	32434	31709	32049	1.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	7	4	89.21	cps
Selenium	82-1	-13	-8	-37	-20	-77.86	cps
Silicon	28-1	418868	431055	416118	422013	1.88	cps
Silver	109-1	458	267	308	344	29.27	cps
Silver	107-1	317	325	458	367	21.68	cps
Sodium	23-2	6352	6218	5843	6138	4.30	cps
Strontium	86-1	808	900	792	833	7.00	cps
Strontium	88-1	258	142	208	203	28.87	cps
Sulfur	34-1	368604	369948	372706	370419	0.56	cps
Terbium	159-1	8977363	9090731	9070267	9046121	0.67	cps
Terbium	159-2	1862143	1873359	1836835	1857446	1.01	cps
Thallium	203-1	583	567	575	575	1.45	cps
Thallium	205-1	1759	1417	1442	1539	12.38	cps
Tin	118-1	1850	2100	2017	1989	6.40	cps
Titanium	47-1	192	125	150	156	21.65	cps
Uranium	238-1	242	142	217	200	26.02	cps
Vanadium	51-2	13	7	3	8	65.47	cps
Yttrium	89-1	8217784	8241345	8132214	8197114	0.70	cps
Yttrium	89-2	222588	221337	221038	221654	0.37	cps
Zinc	66-2	57	67	60	61	8.33	cps
Zirconium	90-1	1108	1258	1083	1150	8.23	cps

LB Number :	LB89847	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2017-09-01 14:55:04	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	250	233	250	6.67	cps