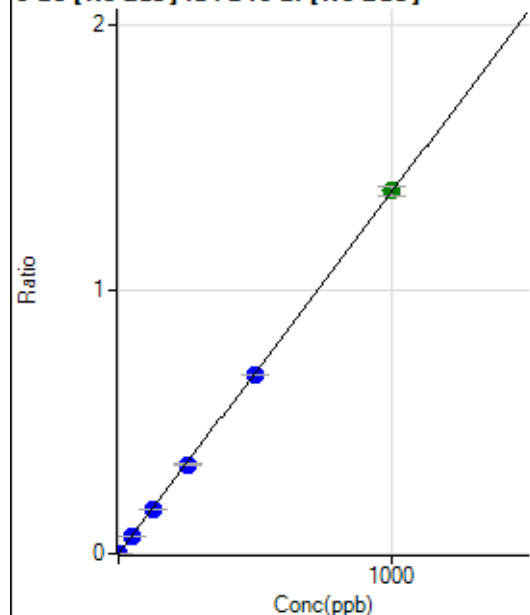


Batch Folder: D:\P8081717 MS.b\
Analysis File: P8081717 MS.batch.bin
DA Date-Time: 2017-08-17 15:39:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-08-17 13:12:59
2			
3	005CALS.d	S02	2017-08-17 13:20:08
4	006CALS.d	S03	2017-08-17 13:23:37
5	007CALS.d	S04	2017-08-17 13:27:06
6	008CALS.d	S05	2017-08-17 13:30:30
7	009CALS.d	S06	2017-08-17 13:33:49
8	010CALS.d	S07	2017-08-17 13:37:03
9	011CALS.d	S08	2017-08-17 13:40:12

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0002	P	34.4
2	☐	0.100					
3	☐	1.000	0.845	1161.19	0.0013	P	8.0
4	☐	50.000	49.643	62403.77	0.0681	P	1.1
5	☐	125.000	123.593	154638.06	0.1692	P	1.2
6	☐	250.000	246.477	307816.40	0.3373	P	1.1
7	☐	500.000	494.992	608587.45	0.6771	P	0.5
8	☐	1000.000	1003.578	1213707.84	1.3727	A	2.8
9	☐			657.44	0.0008	P	6.7

$$y = 0.0014 * x + 1.7732E-004$$

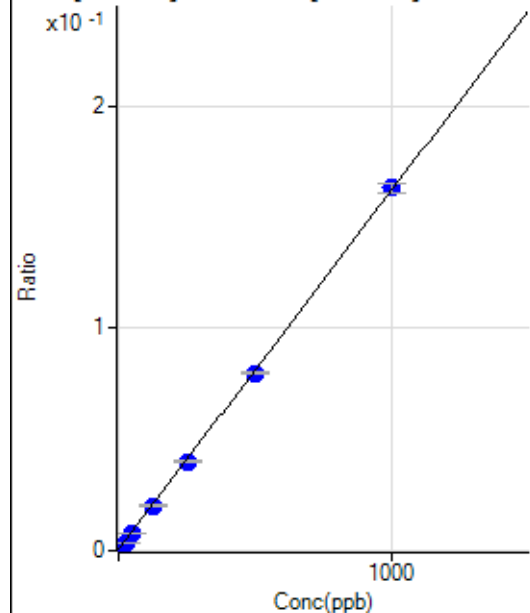
$$R = 1.0000$$

$$DL = 0.1338$$

$$BEC = 0.1297$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	458.36	0.0005	P	15.8
2	☐	2.500					
3	☐	25.000	20.383	3328.33	0.0038	P	3.4
4	☐	50.000	46.247	7327.21	0.0080	P	2.1
5	☐	125.000	121.927	18473.67	0.0202	P	4.1
6	☐	250.000	244.259	36488.88	0.0400	P	1.9
7	☐	500.000	490.332	71659.89	0.0797	P	1.3
8	☐	1000.000	1006.956	144302.14	0.1632	P	2.6
9	☐			5070.57	0.0060	P	6.2

$$y = 1.6154E-004 * x + 5.2184E-004$$

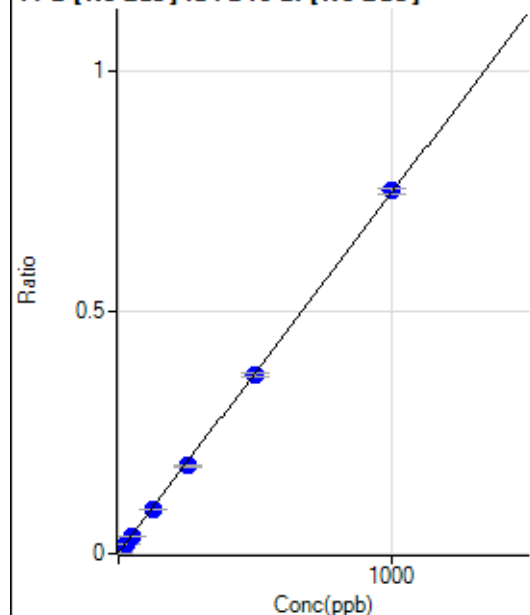
$$R = 0.9999$$

$$DL = 1.536$$

$$BEC = 3.23$$

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	1758.52	0.0020	P	8.7
2	☐	2.500					
3	☐	25.000	21.820	15926.06	0.0183	P	2.9
4	☐	50.000	47.785	34470.17	0.0376	P	1.1
5	☐	125.000	121.036	84230.48	0.0922	P	1.3
6	☐	250.000	241.824	166249.69	0.1821	P	1.4
7	☐	500.000	494.305	332746.54	0.3702	P	1.1
8	☐	1000.000	1005.577	664198.83	0.7511	P	1.4
9	☐			22880.24	0.0272	P	5.0

$$y = 7.4493\text{E-}004 * x + 0.0020$$

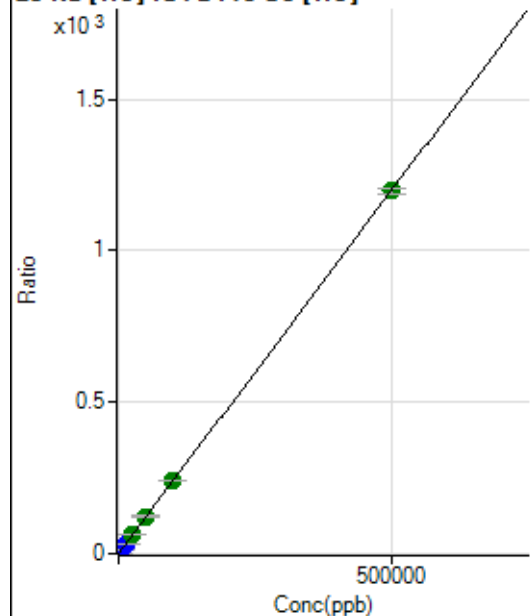
$$R = 0.9999$$

$$DL = 0.7026$$

$$BEC = 2.688$$

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	3456.14	0.1104	P	4.4
2	☐	50.000					
3	☐	500.000	472.562	39143.68	1.2426	P	1.4
4	☐	5000.000	5167.555	395352.73	12.4914	P	2.2
5	☐	12500.000	12903.787	977567.01	31.0267	P	0.7
6	☐	25000.000	26448.712	1961184.70	63.4790	A	0.7
7	☐	50000.000	51328.936	3824193.92	123.0897	A	2.5
8	☐	100000.00	101375.40	7463902.34	242.9963	A	0.3
9	☐	500000.00	499507.84	37012483.12	1,196.883	A	1.2

$$y = 0.0024 * x + 0.1104$$

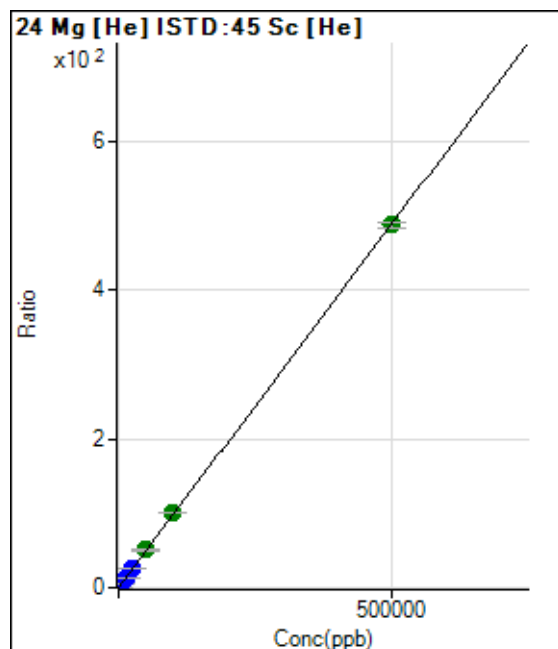
$$R = 1.0000$$

$$DL = 6.129$$

$$BEC = 46.08$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0030	P	20.5
2	☐	50.000					
3	☐	500.000	448.257	13885.07	0.4409	P	4.2
4	☐	5000.000	5192.742	160651.65	5.0756	P	1.9
5	☐	12500.000	12987.603	399838.68	12.6901	P	0.5
6	☐	25000.000	25969.263	783806.32	25.3714	P	1.1
7	☐	50000.000	52274.534	1586438.82	51.0679	A	3.2
8	☐	100000.00	102650.87	3080207.49	100.2786	A	1.0
9	☐	500000.00	499179.84	15078746.17	487.6321	A	1.6

$$y = 9.7686\text{E-}004 * x + 0.0030$$

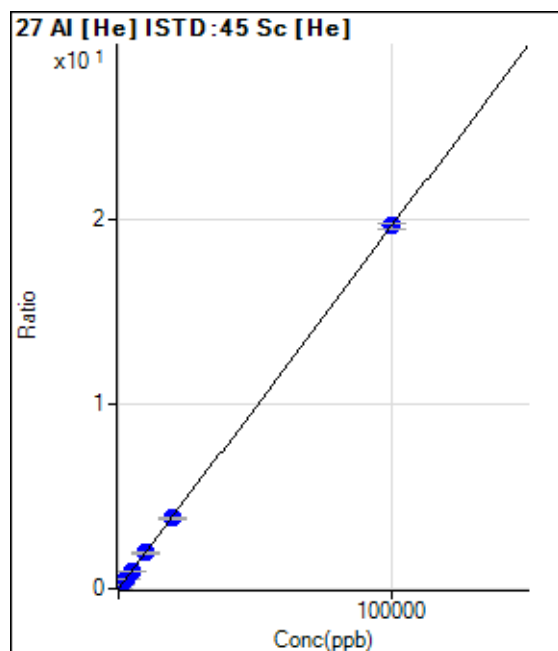
$$R = 1.0000$$

$$DL = 1.901$$

$$BEC = 3.09$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0003	P	99.7
2	☐	2.000					
3	☐	20.000	21.925	144.45	0.0046	P	22.2
4	☐	1000.000	995.755	6201.63	0.1960	P	4.1
5	☐	2500.000	2440.239	15119.72	0.4799	P	2.0
6	☐	5000.000	4900.591	29765.40	0.9635	P	0.9
7	☐	10000.000	9828.500	60016.62	1.9320	P	3.3
8	☐	20000.000	19480.577	117618.11	3.8291	P	1.6
9	☐	100000.00	100127.54	608577.71	19.6800	P	1.4

$$y = 1.9655\text{E-}004 * x + 2.6739\text{E-}004$$

$$R = 1.0000$$

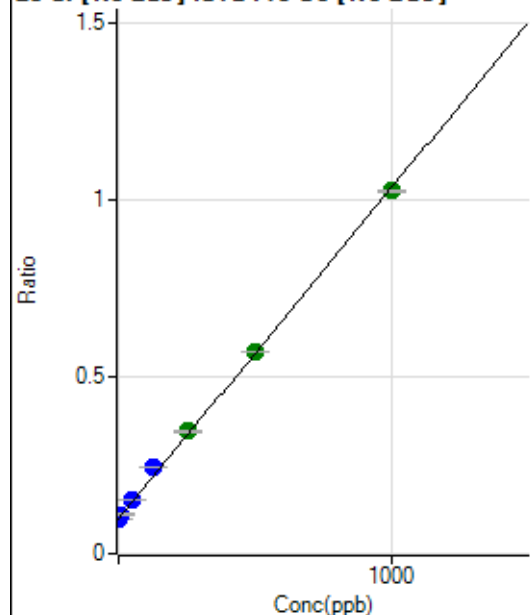
$$DL = 4.07$$

$$BEC = 1.36$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	380419.76	0.0989	P	0.7
2	☐	1.000					
3	☐	10.000	11.969	423270.00	0.1101	P	4.8
4	☐	50.000	58.545	615084.09	0.1536	P	1.3
5	☐	125.000	154.129	968578.92	0.2430	P	0.6
6	☐	250.000	264.149	1374728.93	0.3458	A	0.7
7	☐	500.000	504.482	2265919.32	0.5704	A	0.5
8	☐	1000.000	990.134	4015851.70	1.0244	A	0.8
9	☐			505513.43	0.1309	P	3.5

$$y = 9.3469\text{E-}004 * x + 0.0989$$

$$R = 0.9996$$

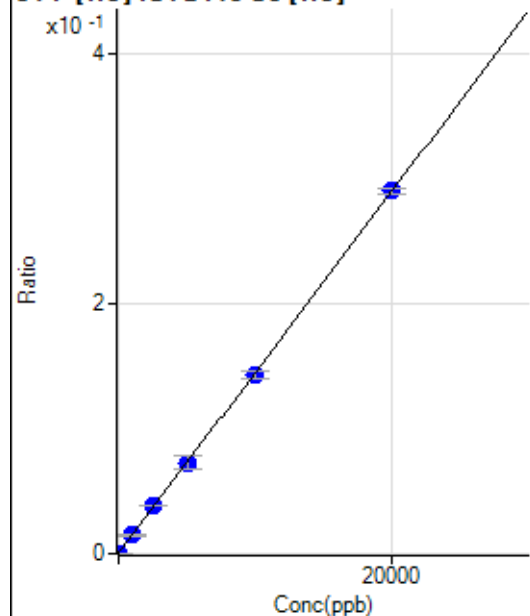
$$DL = 2.281$$

$$BEC = 105.8$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	12.315	13.89	0.0004	P	34.6
2	☐	0.000					
3	☐	0.000	-12.315	2.78	0.0001	P	173.2
4	☐	1000.000	1012.793	472.25	0.0149	P	9.6
5	☐	2500.000	2642.711	1214.00	0.0385	P	3.0
6	☐	5000.000	4999.081	2247.50	0.0727	P	15.3
7	☐	10000.000	9878.260	4450.92	0.1433	P	4.4
8	☐	20000.000	20042.621	8922.60	0.2905	P	1.8
9	☐			8.33	0.0003	P	100.8

$$y = 1.4480\text{E-}005 * x + 2.6543\text{E-}004$$

$$R = 0.9999$$

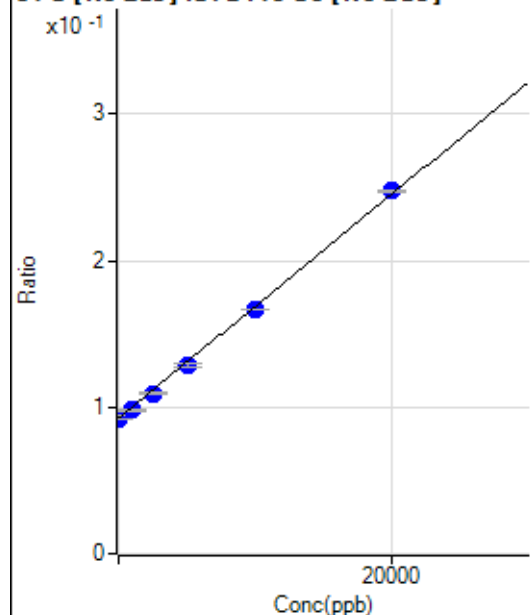
$$DL = 31.54$$

$$BEC = 18.33$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-85.898	353280.93	0.0919	P	0.4
2	☐	0.000					
3	☐	0.000	85.898	358310.36	0.0932	P	3.4
4	☐	1000.000	713.964	392219.57	0.0980	P	0.7
5	☐	2500.000	2169.982	434853.74	0.1091	P	1.1
6	☐	5000.000	4716.200	510994.15	0.1285	P	1.1
7	☐	10000.000	9680.438	661225.02	0.1665	P	0.5
8	☐	20000.000	20286.285	970193.07	0.2475	P	0.7
9	☐			354288.48	0.0918	P	1.6

$$y = 7.6390\text{E-}006 * x + 0.0925$$

$$R = 0.9996$$

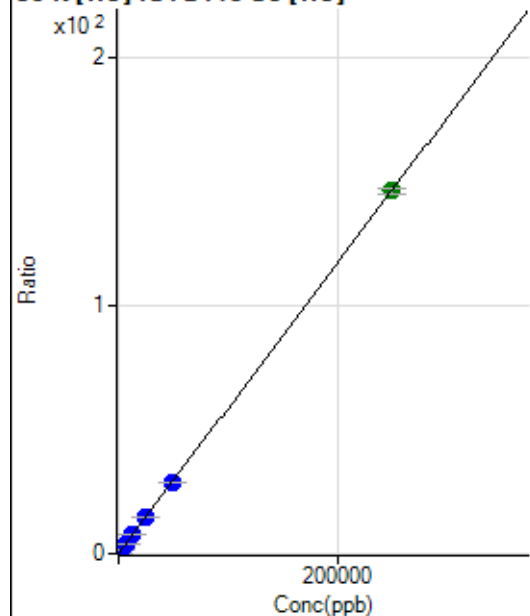
$$DL = 688.3$$

$$BEC = 1.211\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2597.58	0.0830	P	3.5
2	☐	50.000					
3	☐	500.000	478.944	11441.28	0.3633	P	4.8
4	☐	2500.000	2574.251	50316.16	1.5896	P	1.0
5	☐	6250.000	6437.568	121321.67	3.8505	P	0.1
6	☐	12500.000	12763.536	233336.77	7.5527	P	0.9
7	☐	25000.000	24867.494	454779.92	14.6365	P	1.7
8	☐	50000.000	49256.867	888001.43	28.9101	P	0.3
9	☐	250000.00	250143.31	4529638.73	146.4767	A	1.3

$$y = 5.8524\text{E-}004 * x + 0.0830$$

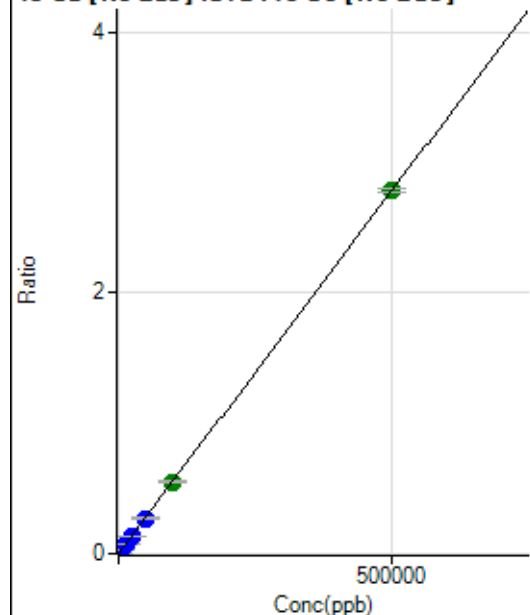
$$R = 1.0000$$

$$DL = 14.79$$

$$BEC = 141.9$$

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	2039.13	0.0005	P	6.5
2	☐	50.000					
3	☐	500.000	458.939	11841.60	0.0031	P	5.6
4	☐	5000.000	4911.078	111361.06	0.0278	P	1.0
5	☐	12500.000	12288.883	274276.14	0.0688	P	1.4
6	☐	25000.000	24633.613	546193.39	0.1374	P	0.6
7	☐	50000.000	48845.763	1080111.05	0.2719	P	0.6
8	☐	100000.00	98757.912	2153061.70	0.5492	A	1.4
9	☐	500000.00	500388.36	10737074.63	2.7807	A	1.0

$$y = 5.5560\text{E-}006 * x + 5.3012\text{E-}004$$

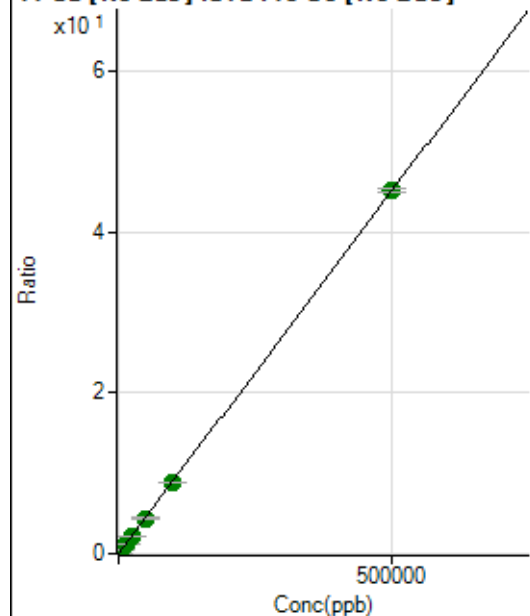
$$R = 1.0000$$

$$DL = 18.71$$

$$BEC = 95.41$$

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	39459.30	0.0103	P	0.7
2	☐	50.000					
3	☐	500.000	458.550	198320.59	0.0516	P	3.7
4	☐	5000.000	5048.817	1862139.93	0.4651	A	1.0
5	☐	12500.000	12457.569	4514818.16	1.1326	A	1.0
6	☐	25000.000	24561.332	8837663.13	2.2231	A	0.2
7	☐	50000.000	48900.284	17540996.75	4.4159	A	0.8
8	☐	100000.00	97279.327	34398563.27	8.7745	A	0.7
9	☐	500000.00	500676.65	174213473.3	45.1181	A	1.2

$$y = 9.0094\text{E-}005 * x + 0.0103$$

$$R = 1.0000$$

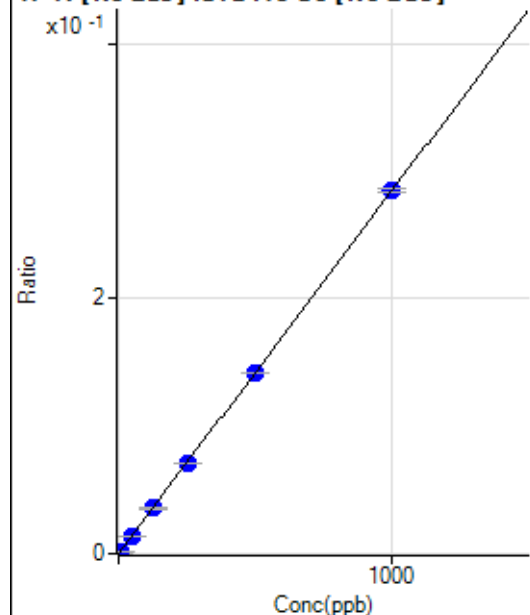
$$DL = 2.443$$

$$BEC = 113.9$$

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	116.67	0.0000	P	19.2
2	☐	0.500					
3	☐	5.000	4.872	5440.20	0.0014	P	2.3
4	☐	50.000	50.082	57064.38	0.0143	P	0.6
5	☐	125.000	125.134	141767.17	0.0356	P	1.8
6	☐	250.000	248.499	280651.92	0.0706	P	0.9
7	☐	500.000	498.275	562179.69	0.1415	P	0.3
8	☐	1000.000	1001.218	1114735.00	0.2844	P	0.9
9	☐			1180.66	0.0003	P	11.8

$$y = 2.8397\text{E-}004 * x + 3.0349\text{E-}005$$

$$R = 1.0000$$

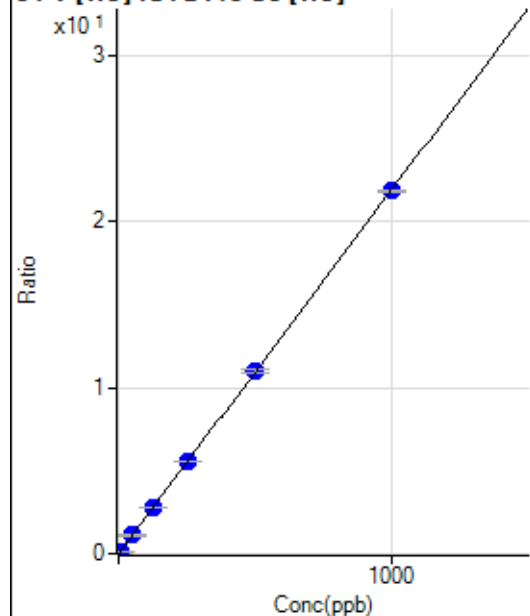
$$DL = 0.06158$$

$$BEC = 0.1069$$

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	15.56	0.0005	P	32.4
2	☐	0.500					
3	☐	5.000	4.497	3121.50	0.0991	P	4.6
4	☐	50.000	50.405	34992.71	1.1055	P	2.1
5	☐	125.000	126.484	87380.25	2.7733	P	0.6
6	☐	250.000	254.125	172133.09	5.5715	P	0.6
7	☐	500.000	502.331	342119.68	11.0128	P	3.0
8	☐	1000.000	997.600	671763.59	21.8703	P	0.6
9	☐			352.23	0.0114	P	11.7

$$y = 0.0219 * x + 4.9644\text{E-}004$$

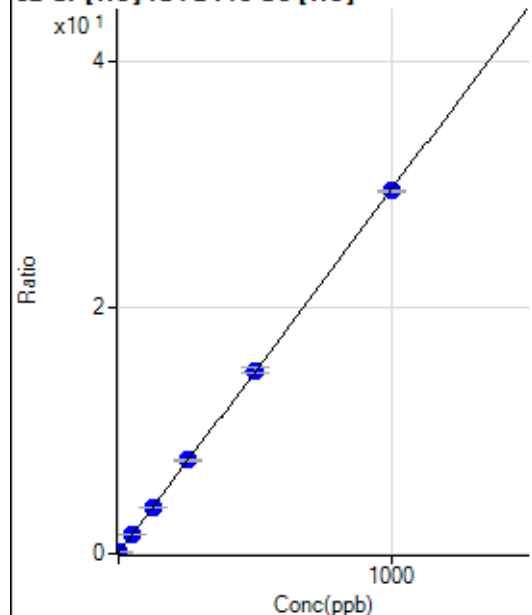
$$R = 1.0000$$

$$DL = 0.02199$$

$$BEC = 0.02265$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	890.04	0.0285	P	9.7
2	☐	0.200					
3	☐	2.000	1.987	2743.66	0.0871	P	3.7
4	☐	50.000	51.213	48744.68	1.5401	P	2.2
5	☐	125.000	127.707	119664.06	3.7980	P	0.7
6	☐	250.000	255.792	234142.58	7.5787	P	0.7
7	☐	500.000	503.390	462511.67	14.8870	P	2.5
8	☐	1000.000	996.458	904299.84	29.4409	P	0.6
9	☐			3969.52	0.1284	P	7.6

$$y = 0.0295 * x + 0.0285$$

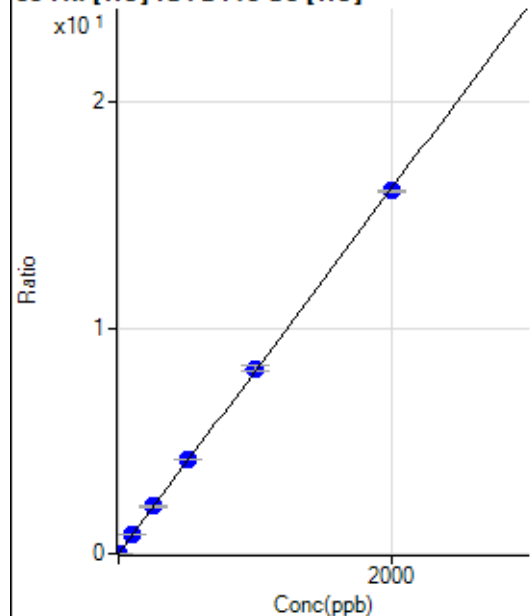
$$R = 1.0000$$

$$DL = 0.28$$

$$BEC = 0.964$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0019	P	47.0
2	☐	0.100					
3	☐	1.000	0.854	276.67	0.0088	P	4.7
4	☐	100.000	104.017	26691.24	0.8433	P	1.5
5	☐	250.000	258.565	65959.26	2.0934	P	1.4
6	☐	500.000	515.100	128803.87	4.1685	P	0.5
7	☐	1000.000	1015.968	255378.62	8.2200	P	2.6
8	☐	2000.000	1986.970	493741.46	16.0744	P	0.3
9	☐			1316.76	0.0426	P	3.6

$$y = 0.0081 * x + 0.0019$$

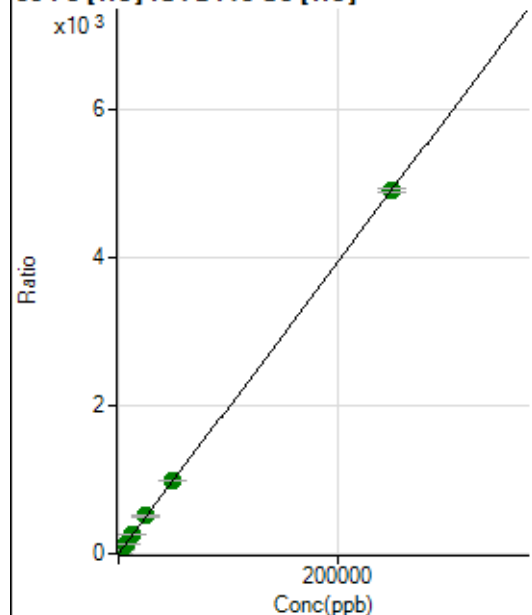
$$R = 0.9999$$

$$DL = 0.3273$$

$$BEC = 0.232$$

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	1850.18	0.0591	P	3.6
2	☐	5.000					
3	☐	50.000	47.493	31211.41	0.9909	P	2.3
4	☐	2500.000	2655.413	1650837.84	52.1579	A	1.9
5	☐	6250.000	6617.912	4092955.70	129.9015	A	0.7
6	☐	12500.000	13043.520	7908067.07	255.9709	A	1.1
7	☐	25000.000	25872.686	15772941.21	507.6770	A	2.4
8	☐	50000.000	50796.296	30613774.53	996.6743	A	0.5
9	☐	250000.00	249715.54	151510783.0	4,899.437	A	1.2

$$y = 0.0196 * x + 0.0591$$

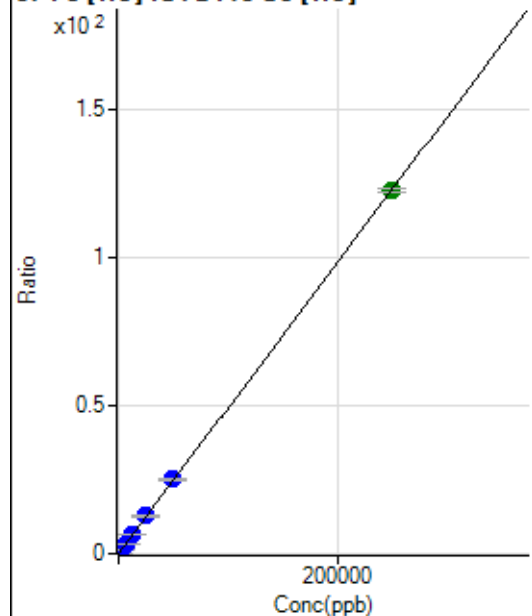
$$R = 1.0000$$

$$DL = 0.3259$$

$$BEC = 3.013$$

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	38.89	0.0012	P	25.7
2	☐	5.000					
3	☐	50.000	48.051	783.38	0.0249	P	3.6
4	☐	2500.000	2605.453	40570.60	1.2819	P	2.7
5	☐	6250.000	6643.460	102928.90	3.2667	P	0.6
6	☐	12500.000	13179.316	200190.07	6.4794	P	0.3
7	☐	25000.000	25854.828	394843.19	12.7098	P	3.0
8	☐	50000.000	51035.216	770567.83	25.0869	P	0.6
9	☐	250000.00	249662.61	3795105.03	122.7196	A	1.0

$$y = 4.9154E-004 * x + 0.0012$$

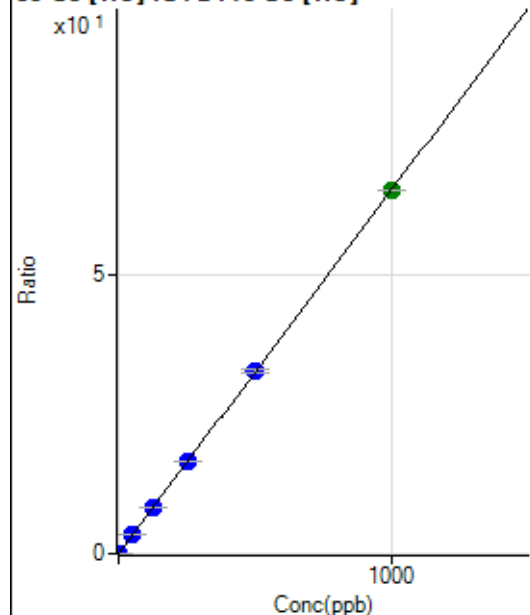
$$R = 1.0000$$

$$DL = 1.953$$

$$BEC = 2.532$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	101.12	0.0032	P	9.5
2	☐	0.100					
3	☐	1.000	0.920	1989.07	0.0632	P	3.7
4	☐	50.000	50.962	105160.69	3.3224	P	1.5
5	☐	125.000	127.525	261792.93	8.3089	P	0.4
6	☐	250.000	254.562	512361.96	16.5828	P	0.1
7	☐	500.000	501.573	1014956.62	32.6705	P	2.8
8	☐	1000.000	997.709	1996041.46	64.9838	A	0.2
9	☐			2394.70	0.0775	P	3.9

$$y = 0.0651 * x + 0.0032$$

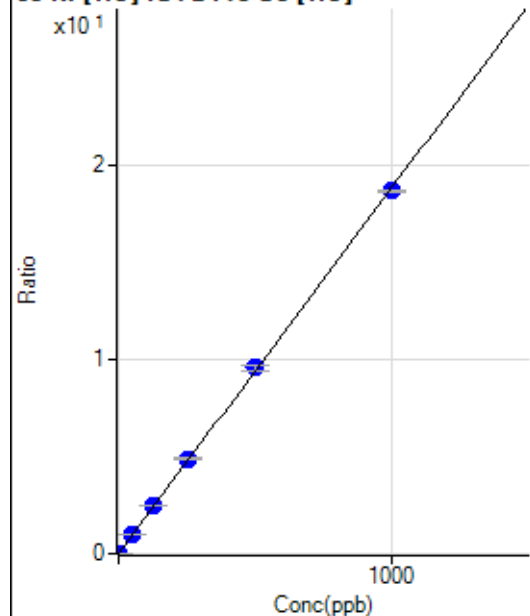
$$R = 1.0000$$

$$DL = 0.01417$$

$$BEC = 0.04958$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	117.78	0.0038	P	30.5
2	☐	0.100					
3	☐	1.000	0.955	685.59	0.0218	P	5.0
4	☐	50.000	52.690	31564.85	0.9973	P	1.7
5	☐	125.000	129.868	77270.50	2.4525	P	1.3
6	☐	250.000	259.898	151519.32	4.9043	P	0.8
7	☐	500.000	508.344	297896.33	9.5888	P	2.7
8	☐	1000.000	992.611	574996.30	18.7199	P	0.4
9	☐			1462.32	0.0473	P	0.7

$$y = 0.0189 * x + 0.0038$$

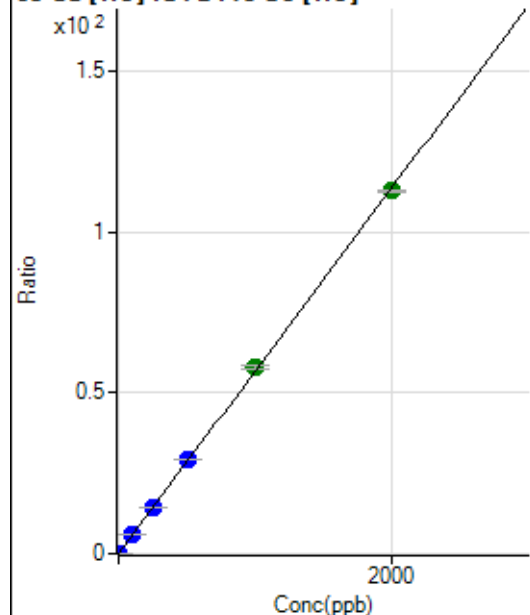
$$R = 0.9999$$

$$DL = 0.1825$$

$$BEC = 0.1994$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.90	0.0083	P	16.5
2	☐	0.200					
3	☐	2.000	2.102	4017.32	0.1276	P	4.5
4	☐	100.000	103.278	185748.71	5.8682	P	1.1
5	☐	250.000	257.126	459928.67	14.5974	P	0.3
6	☐	500.000	513.748	900851.06	29.1579	P	0.5
7	☐	1000.000	1019.126	1796896.99	57.8326	A	2.0
8	☐	2000.000	1985.945	3461349.43	112.6892	A	0.4
9	☐			5225.52	0.1690	P	2.7

$$y = 0.0567 * x + 0.0083$$

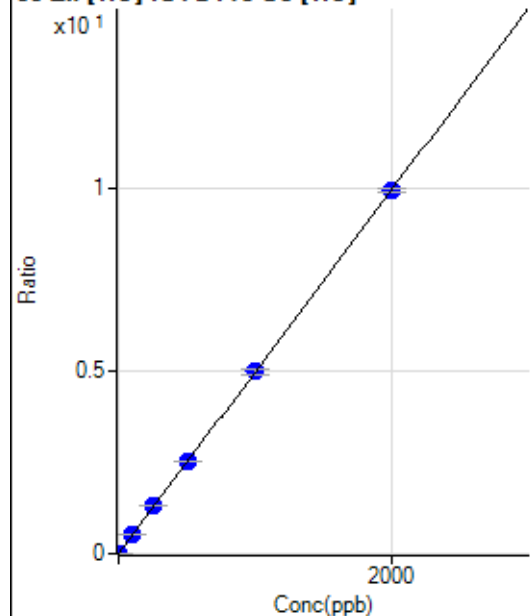
$$R = 0.9999$$

$$DL = 0.0723$$

$$BEC = 0.146$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0030	P	9.4
2	☐	0.200					
3	☐	2.000	1.990	406.68	0.0129	P	13.1
4	☐	100.000	103.901	16421.03	0.5188	P	1.6
5	☐	250.000	259.413	40668.53	1.2907	P	0.3
6	☐	500.000	508.424	78072.70	2.5268	P	0.2
7	☐	1000.000	1000.973	154464.16	4.9718	P	2.6
8	☐	2000.000	1996.036	304431.78	9.9113	P	1.0
9	☐			1060.06	0.0343	P	10.0

$$y = 0.0050 * x + 0.0030$$

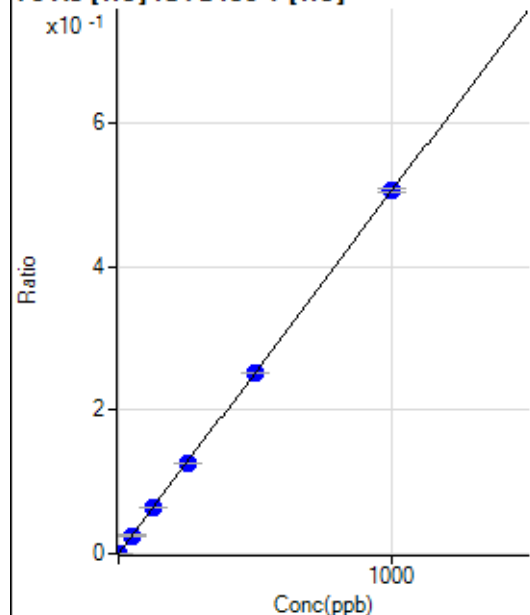
$$R = 1.0000$$

$$DL = 0.1715$$

$$BEC = 0.6082$$

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	14.20	0.0001	P	19.5
2	☐	0.100					
3	☐	1.000	0.937	124.69	0.0005	P	25.2
4	☐	50.000	50.036	5866.11	0.0253	P	2.0
5	☐	125.000	126.855	14811.73	0.0641	P	2.3
6	☐	250.000	248.753	28536.26	0.1255	P	1.6
7	☐	500.000	498.495	57187.37	0.2515	P	0.4
8	☐	1000.000	1000.830	111424.75	0.5049	P	0.9
9	☐			52.47	0.0002	P	15.5

$$y = 5.0445\text{E-}004 * x + 6.2367\text{E-}005$$

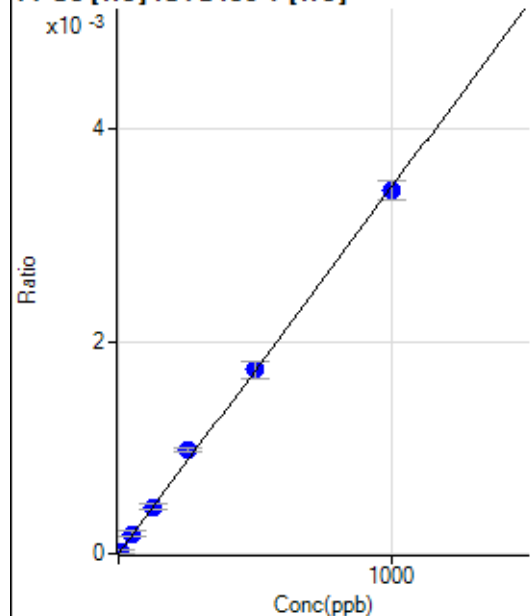
$$R = 1.0000$$

$$DL = 0.07226$$

$$BEC = 0.1236$$

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	6.879	5.55	0.0000	P	125.1
4	☐	50.000	54.179	43.34	0.0002	P	27.1
5	☐	125.000	126.713	101.11	0.0004	P	12.4
6	☐	250.000	283.095	222.23	0.0010	P	4.6
7	☐	500.000	502.539	394.46	0.0017	P	9.0
8	☐	1000.000	990.024	754.48	0.0034	P	5.2
9	☐			1.11	0.0000	P	173.2

$$y = 3.4528\text{E-}006 * x + 0.0000\text{E+}000$$

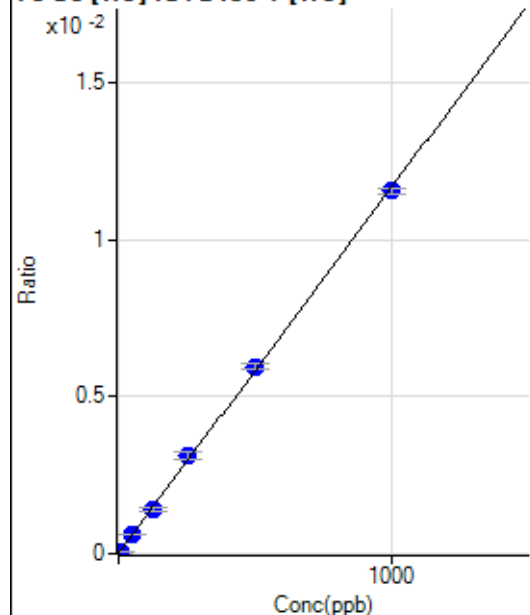
$$R = 0.9994$$

$$DL = 0$$

$$BEC = 0$$

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	2.47	0.0000	P	114.3
2	☐	0.500					
3	☐	5.000	6.346	19.75	0.0001	P	6.1
4	☐	50.000	53.393	146.91	0.0006	P	2.9
5	☐	125.000	121.982	331.49	0.0014	P	7.9
6	☐	250.000	267.377	711.75	0.0031	P	8.4
7	☐	500.000	510.750	1356.87	0.0060	P	3.3
8	☐	1000.000	990.482	2552.11	0.0116	P	1.9
9	☐			3.09	0.0000	P	92.0

$$y = 1.1665\text{E-}005 * x + 1.0834\text{E-}005$$

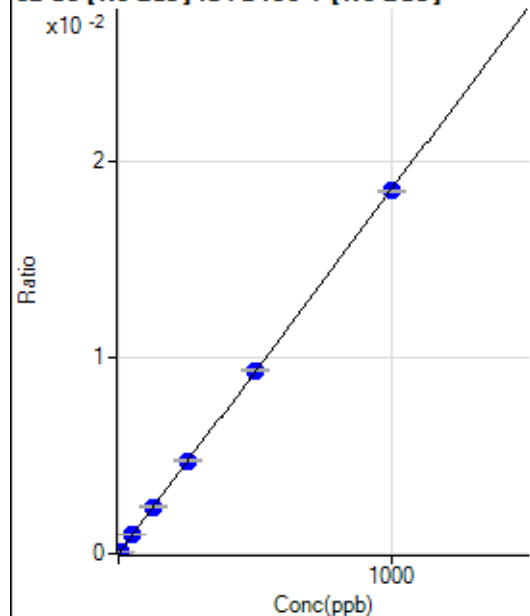
$$R = 0.9997$$

$$DL = 3.184$$

$$BEC = 0.9288$$

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	-59.56	0.0000	P	-157.
2	☐	0.500					
3	☐	5.000	5.133	617.77	0.0001	P	0.8
4	☐	50.000	52.932	7247.14	0.0010	P	1.7
5	☐	125.000	128.796	17697.39	0.0024	P	2.3
6	☐	250.000	255.193	35504.59	0.0047	P	1.0
7	☐	500.000	503.937	70839.00	0.0093	P	0.8
8	☐	1000.000	996.111	138217.54	0.0185	P	0.7
9	☐			104.33	0.0000	P	65.2

$$y = 1.8554\text{E-}005 * x - 8.2288\text{E-}006$$

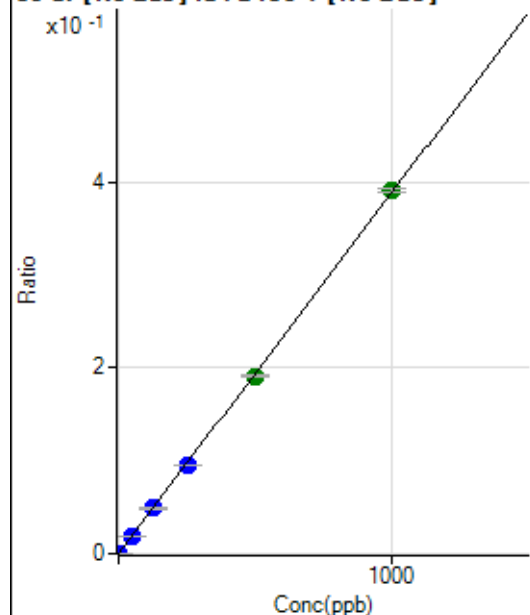
$$R = 1.0000$$

$$DL = 2.096$$

$$BEC = -0.4435$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	833.39	0.0001	P	7.9
2	☐	0.100					
3	☐	1.000	1.050	3711.79	0.0005	P	1.8
4	☐	50.000	49.783	144730.18	0.0194	P	0.9
5	☐	125.000	125.000	361623.69	0.0487	P	1.0
6	☐	250.000	246.374	719606.89	0.0958	P	0.4
7	☐	500.000	491.313	1447813.08	0.1909	A	0.8
8	☐	1000.000	1005.261	2921805.62	0.3905	A	1.0
9	☐			99759.92	0.0135	P	0.8

$$y = 3.8837\text{E-}004 * x + 1.1512\text{E-}004$$

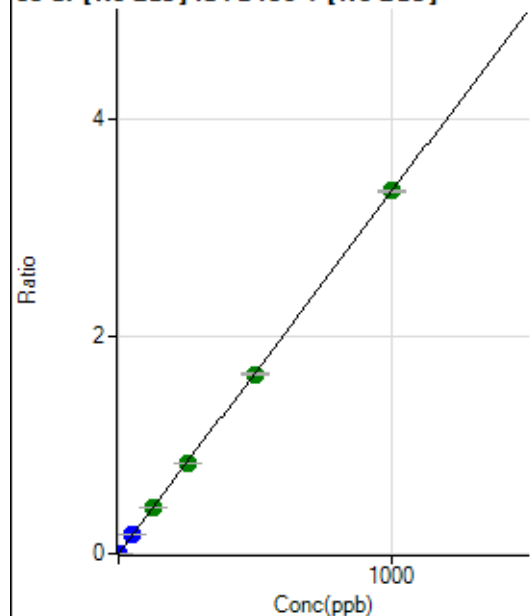
$$R = 0.9999$$

$$DL = 0.07008$$

$$BEC = 0.2964$$

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	436.14	0.0001	P	7.2
2	☐	0.100					
3	☐	1.000	0.959	23120.53	0.0033	P	6.0
4	☐	50.000	50.640	1258176.60	0.1691	P	0.7
5	☐	125.000	128.327	3183510.75	0.4284	A	0.8
6	☐	250.000	250.486	6280351.66	0.8361	A	1.0
7	☐	500.000	495.208	12533634.66	1.6529	A	0.6
8	☐	1000.000	1001.826	25017835.11	3.3438	A	0.6
9	☐			863583.52	0.1169	P	0.6

$$y = 0.0033 * x + 6.0247\text{E-}005$$

$$R = 1.0000$$

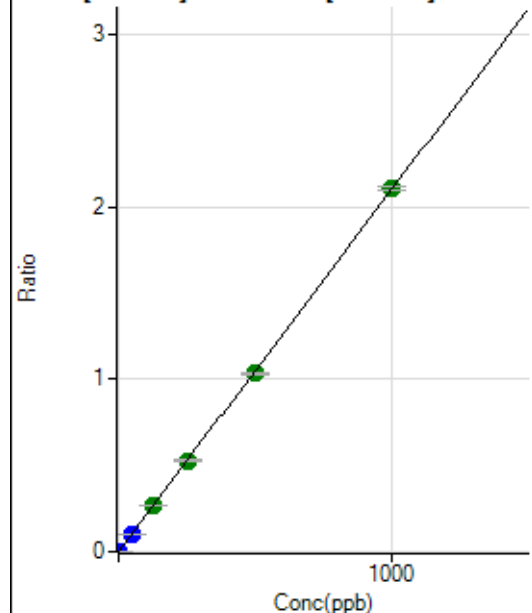
$$DL = 0.00392$$

$$BEC = 0.01805$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	458.36	0.0001	P	20.2
2	☐	0.100					
3	☐	1.000	0.906	13916.02	0.0020	P	5.0
4	☐	50.000	50.232	784426.75	0.1054	P	0.5
5	☐	125.000	128.514	2003532.01	0.2696	A	0.5
6	☐	250.000	252.188	3973392.67	0.5290	A	1.0
7	☐	500.000	492.517	7833106.86	1.0330	A	0.7
8	☐	1000.000	1002.744	15734665.80	2.1031	A	1.1
9	☐			7938.90	0.0011	P	5.8

$$y = 0.0021 * x + 6.3314E-005$$

$$R = 0.9999$$

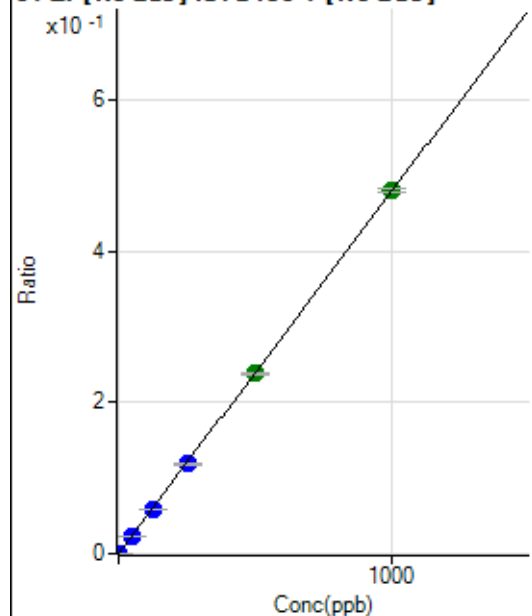
$$DL = 0.01832$$

$$BEC = 0.03019$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	43.5
2	☐	0.100					
3	☐	1.000	0.845	2986.57	0.0004	P	6.0
4	☐	50.000	49.214	175313.49	0.0236	P	0.4
5	☐	125.000	124.271	441913.32	0.0595	P	0.6
6	☐	250.000	247.397	889101.15	0.1184	P	0.4
7	☐	500.000	497.712	1805496.52	0.2381	A	0.9
8	☐	1000.000	1001.925	3586001.51	0.4793	A	1.2
9	☐			1675.19	0.0002	P	16.0

$$y = 4.7836E-004 * x + 1.6892E-005$$

$$R = 1.0000$$

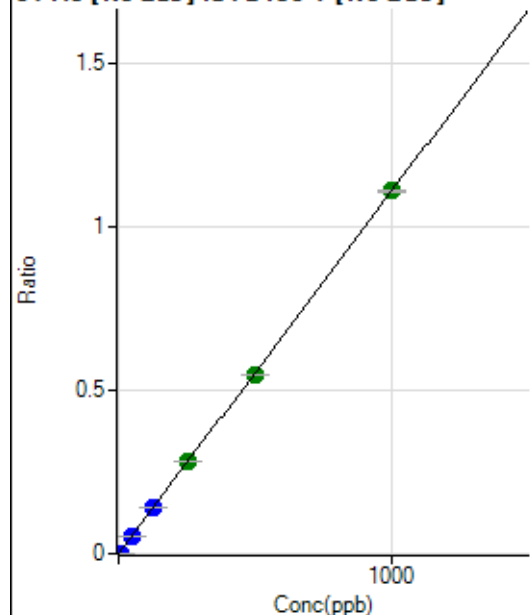
$$DL = 0.04604$$

$$BEC = 0.03531$$

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	244.46	0.0000	P	5.1
2	☐	0.500					
3	☐	5.000	2.027	16182.52	0.0023	P	7.4
4	☐	50.000	49.488	409006.90	0.0550	P	0.9
5	☐	125.000	125.359	1034302.05	0.1392	P	0.8
6	☐	250.000	253.194	2111235.33	0.2811	A	0.9
7	☐	500.000	495.783	4173135.33	0.5503	A	0.2
8	☐	1000.000	1001.306	8315623.97	1.1114	A	0.7
9	☐			6368.48	0.0009	P	4.5

$$y = 0.0011 * x + 3.3768E-005$$

$$R = 1.0000$$

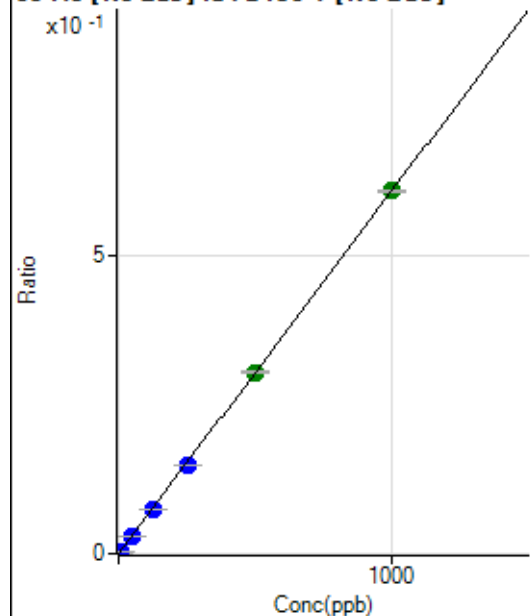
$$DL = 0.004625$$

$$BEC = 0.03042$$

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	175.01	0.0000	P	12.4
2	☐	0.500					
3	☐	5.000	4.412	19158.75	0.0027	P	6.6
4	☐	50.000	48.614	219839.34	0.0295	P	1.2
5	☐	125.000	122.780	554219.48	0.0746	P	1.2
6	☐	250.000	244.545	1115589.38	0.1485	P	0.2
7	☐	500.000	500.960	2306789.48	0.3042	A	0.6
8	☐	1000.000	1001.234	4548935.26	0.6080	A	0.2
9	☐			6090.52	0.0008	P	5.9

$$y = 6.0720E-004 * x + 2.4173E-005$$

$$R = 1.0000$$

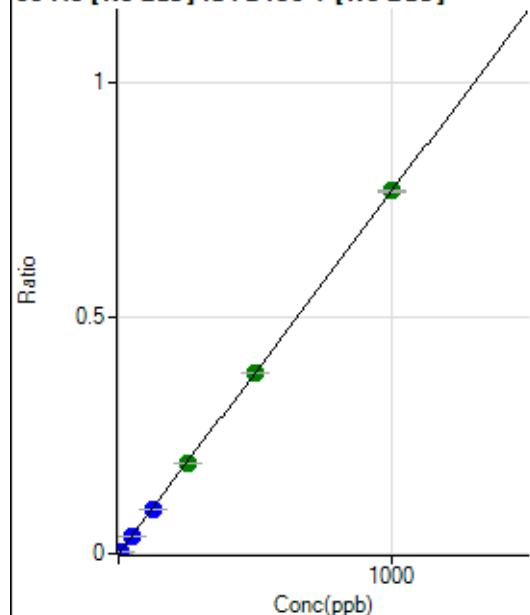
$$DL = 0.01485$$

$$BEC = 0.03981$$

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	263.90	0.0000	P	21.1
2	☐	0.500					
3	☐	5.000	3.861	21289.66	0.0030	P	4.5
4	☐	50.000	49.613	283850.80	0.0381	P	1.4
5	☐	125.000	123.572	705669.65	0.0950	P	0.4
6	☐	250.000	248.657	1434978.90	0.1910	A	0.2
7	☐	500.000	498.141	2901698.26	0.3827	A	0.6
8	☐	1000.000	1001.469	5755550.47	0.7693	A	0.9
9	☐			9726.15	0.0013	P	3.3

$$y = 7.6811\text{E-}004 * x + 3.6459\text{E-}005$$

$$R = 1.0000$$

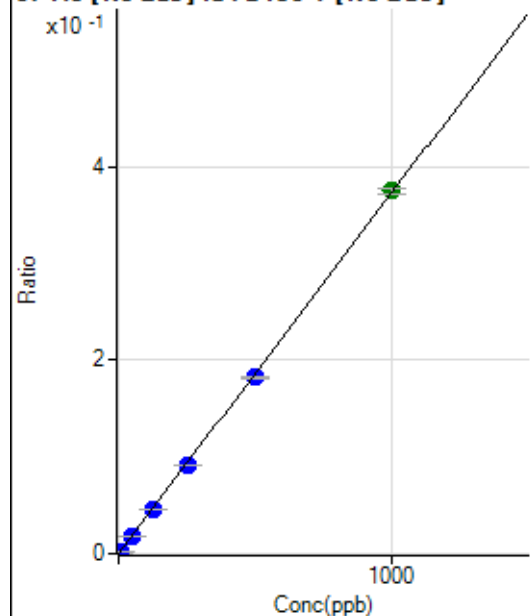
$$DL = 0.03004$$

$$BEC = 0.04747$$

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	161.12	0.0000	P	12.8
2	☐	0.500					
3	☐	5.000	4.449	11922.43	0.0017	P	1.1
4	☐	50.000	49.193	136515.48	0.0183	P	1.7
5	☐	125.000	124.352	344387.25	0.0463	P	0.4
6	☐	250.000	246.653	690290.43	0.0919	P	0.2
7	☐	500.000	488.576	1380116.07	0.1820	P	0.5
8	☐	1000.000	1006.673	2805659.15	0.3750	A	1.3
9	☐			3664.55	0.0005	P	4.4

$$y = 3.7247\text{E-}004 * x + 2.2253\text{E-}005$$

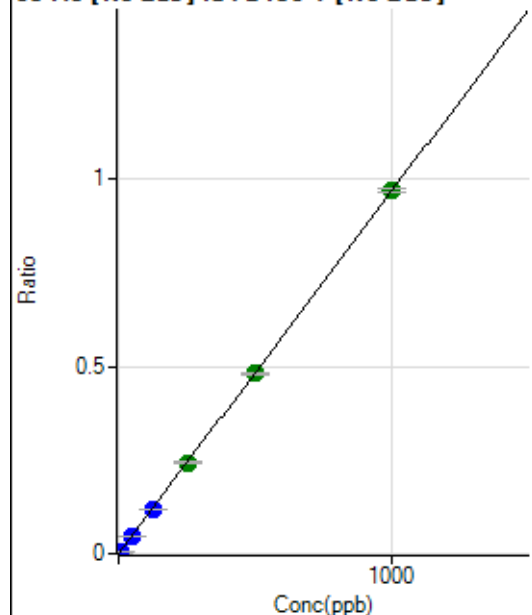
$$R = 0.9999$$

$$DL = 0.023$$

$$BEC = 0.05974$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	255.57	0.0000	P	15.5
2	☐	0.500					
3	☐	5.000	4.489	31056.08	0.0044	P	4.2
4	☐	50.000	48.858	352020.66	0.0473	P	1.0
5	☐	125.000	124.096	892491.39	0.1201	P	0.9
6	☐	250.000	251.878	1830745.90	0.2437	A	1.1
7	☐	500.000	496.578	3643328.25	0.4805	A	0.7
8	☐	1000.000	1001.414	7248986.36	0.9689	A	1.0
9	☐			9275.78	0.0013	P	4.0

$$y = 9.6748\text{E-}004 * x + 3.5306\text{E-}005$$

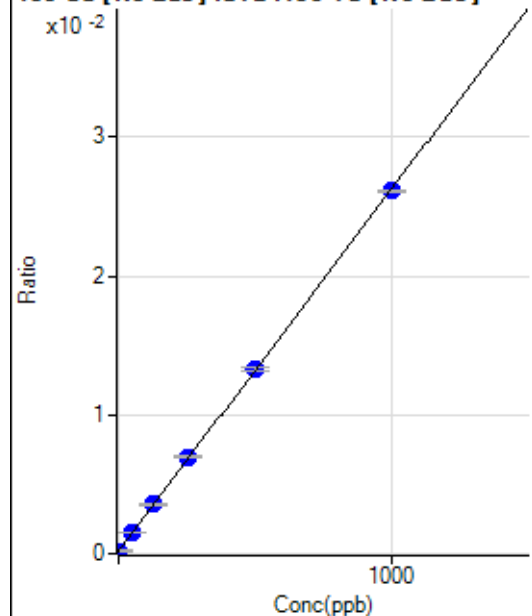
$$R = 1.0000$$

$$DL = 0.01694$$

$$BEC = 0.03649$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1502.94	0.0002	P	10.9
2	☐	0.100					
3	☐	1.000	1.002	1669.63	0.0002	P	4.2
4	☐	50.000	51.777	13134.71	0.0015	P	2.7
5	☐	125.000	130.757	31159.28	0.0036	P	3.7
6	☐	250.000	260.011	61600.21	0.0070	P	1.1
7	☐	500.000	503.385	120487.94	0.0133	P	1.9
8	☐	1000.000	994.996	237266.16	0.0261	P	0.8
9	☐			1719.64	0.0002	P	9.5

$$y = 2.6079\text{E-}005 * x + 1.7854\text{E-}004$$

$$R = 0.9999$$

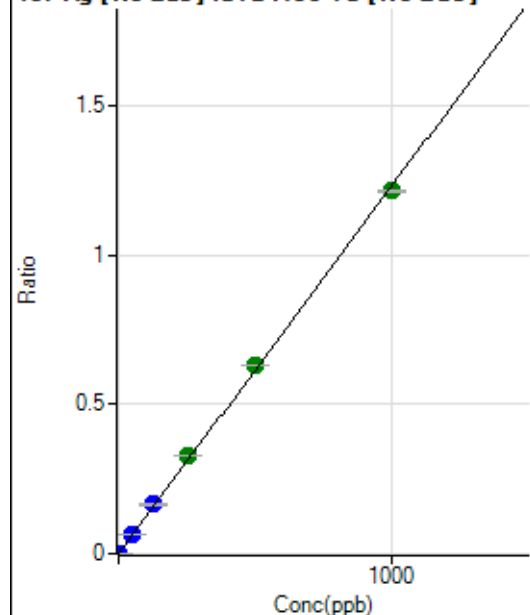
$$DL = 2.248$$

$$BEC = 6.846$$

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	125.01	0.0000	P	13.9
2	☐	0.100					
3	☐	1.000	1.310	13248.81	0.0016	P	2.4
4	☐	50.000	53.724	567855.54	0.0661	P	0.8
5	☐	125.000	133.567	1426853.82	0.1643	P	0.7
6	☐	250.000	265.813	2894148.35	0.3270	A	0.6
7	☐	500.000	513.903	5724047.31	0.6321	A	0.6
8	☐	1000.000	987.838	11034523.25	1.2151	A	0.3
9	☐			2447.58	0.0003	P	1.7

$$y = 0.0012 * x + 1.4861E-005$$

$$R = 0.9997$$

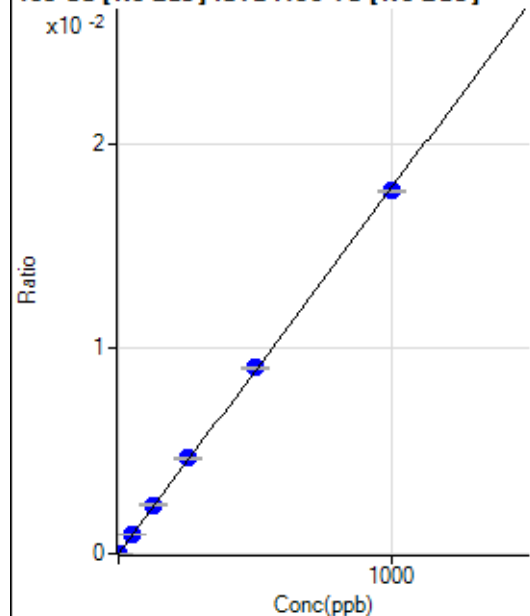
$$DL = 0.005047$$

$$BEC = 0.01208$$

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	15.28	0.0000	P	41.2
2	☐	0.100					
3	☐	1.000	0.901	145.83	0.0000	P	1.9
4	☐	50.000	53.778	8254.08	0.0010	P	3.5
5	☐	125.000	133.147	20635.53	0.0024	P	1.6
6	☐	250.000	261.072	41224.31	0.0047	P	1.1
7	☐	500.000	508.310	82095.58	0.0091	P	0.7
8	☐	1000.000	991.870	160639.54	0.0177	P	0.8
9	☐			73.61	0.0000	P	3.1

$$y = 1.7832E-005 * x + 1.8124E-006$$

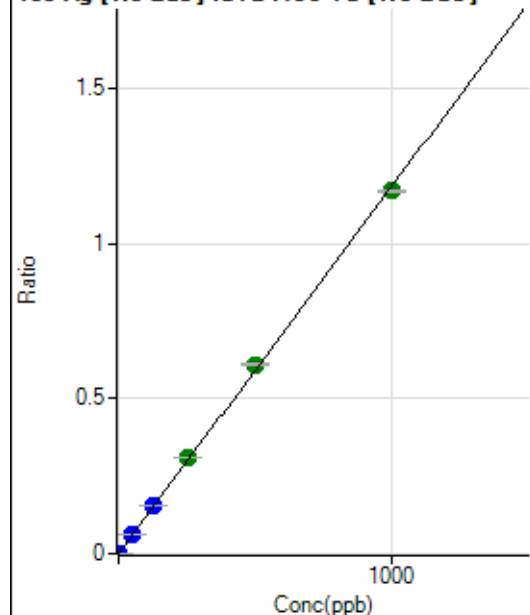
$$R = 0.9999$$

$$DL = 0.1255$$

$$BEC = 0.1016$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	22.1
2	☐	0.100					
3	☐	1.000	1.313	12731.51	0.0016	P	2.2
4	☐	50.000	52.933	538747.30	0.0627	P	0.8
5	☐	125.000	131.763	1355433.24	0.1561	P	1.2
6	☐	250.000	263.494	2762623.76	0.3121	A	0.8
7	☐	500.000	513.914	5512380.72	0.6087	A	1.1
8	☐	1000.000	988.677	10635284.87	1.1711	A	0.4
9	☐			2530.93	0.0003	P	10.4

$$y = 0.0012 * x + 7.9263E-006$$

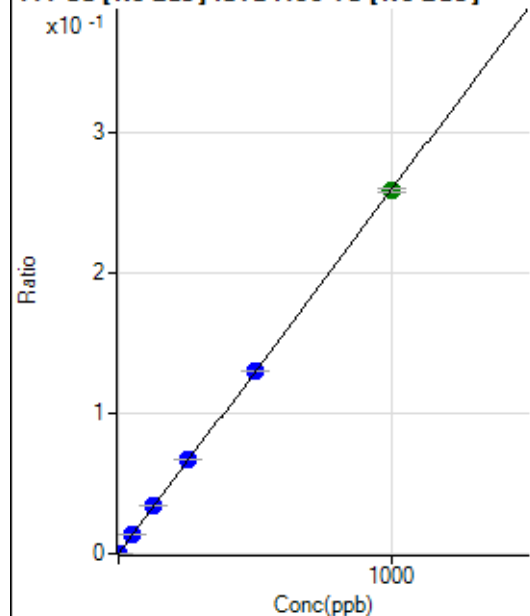
$$R = 0.9997$$

$$DL = 0.004428$$

$$BEC = 0.006692$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1088.59	0.0001	P	9.3
2	☐	0.100					
3	☐	1.000	0.988	3144.65	0.0004	P	1.2
4	☐	50.000	52.280	117642.14	0.0137	P	0.7
5	☐	125.000	131.333	297011.57	0.0342	P	1.5
6	☐	250.000	256.841	590950.48	0.0668	P	0.6
7	☐	500.000	500.862	1177857.40	0.1301	P	0.4
8	☐	1000.000	996.953	2350038.53	0.2588	A	1.1
9	☐			1861.98	0.0002	P	7.8

$$y = 2.5944E-004 * x + 1.2932E-004$$

$$R = 1.0000$$

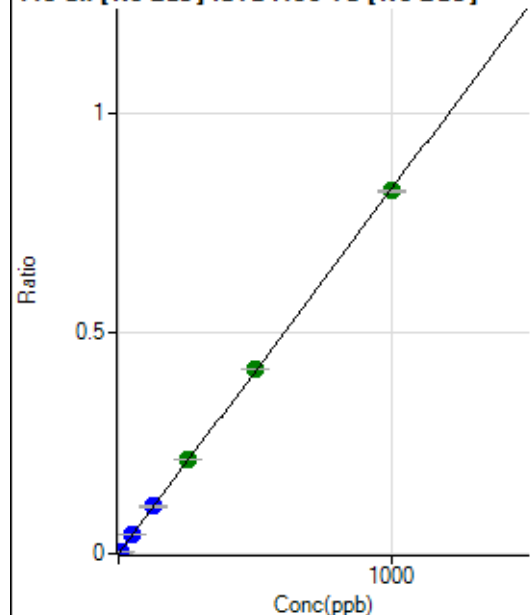
$$DL = 0.1394$$

$$BEC = 0.4985$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1022.31	0.0001	P	10.4
2	☐	0.500					
3	☐	5.000	4.814	33392.61	0.0041	P	3.1
4	☐	50.000	51.557	367027.73	0.0427	P	0.4
5	☐	125.000	129.293	928764.56	0.1069	P	0.7
6	☐	250.000	257.275	1882598.22	0.2127	A	1.3
7	☐	500.000	505.359	3782084.89	0.4177	A	0.5
8	☐	1000.000	994.888	7466069.52	0.8221	A	0.5
9	☐			6960.47	0.0008	P	3.5

$$y = 8.2623\text{E-}004 * x + 1.2153\text{E-}004$$

$$R = 0.9999$$

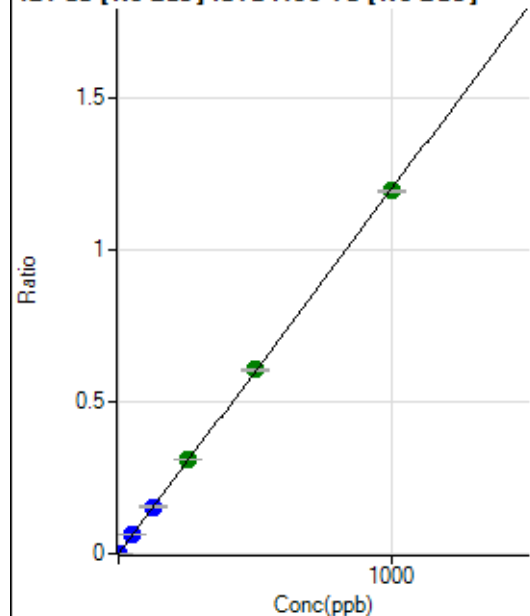
$$DL = 0.04588$$

$$BEC = 0.1471$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0000	P	20.1
2	☐	0.200					
3	☐	2.000	1.983	19526.16	0.0024	P	2.3
4	☐	50.000	51.523	530571.36	0.0618	P	0.5
5	☐	125.000	128.755	1339911.30	0.1543	P	1.0
6	☐	250.000	259.776	2755196.72	0.3113	A	0.9
7	☐	500.000	503.786	5466252.51	0.6036	A	0.4
8	☐	1000.000	995.118	10828348.07	1.1924	A	0.2
9	☐			24050.24	0.0027	P	0.7

$$y = 0.0012 * x + 2.0480\text{E-}005$$

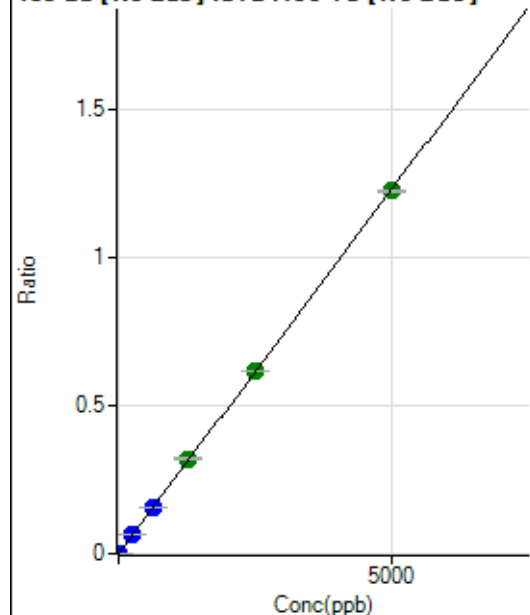
$$R = 0.9999$$

$$DL = 0.01031$$

$$BEC = 0.01709$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	10.5
2	☐	1.000					
3	☐	10.000	9.399	18872.51	0.0023	P	5.2
4	☐	250.000	255.103	538423.70	0.0627	P	0.4
5	☐	625.000	641.255	1367906.13	0.1575	P	1.1
6	☐	1250.000	1299.107	2824334.29	0.3191	A	1.5
7	☐	2500.000	2505.720	5573333.03	0.6155	A	0.7
8	☐	5000.000	4982.578	11114460.14	1.2239	A	0.3
9	☐			5390.24	0.0006	P	5.0

$$y = 2.4563\text{E-}004 * x + 8.9077\text{E-}006$$

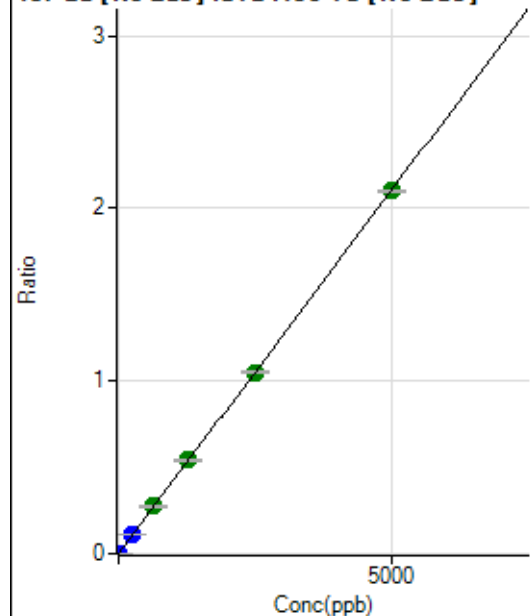
$$R = 0.9999$$

$$DL = 0.01139$$

$$BEC = 0.03627$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	5.8
2	☐	1.000					
3	☐	10.000	9.461	32649.72	0.0040	P	2.8
4	☐	250.000	259.098	937720.55	0.1091	P	1.0
5	☐	625.000	651.987	2384792.20	0.2746	A	1.6
6	☐	1250.000	1283.767	4785848.15	0.5407	A	1.0
7	☐	2500.000	2493.716	9510615.75	1.0503	A	1.1
8	☐	5000.000	4990.873	19089243.83	2.1020	A	0.5
9	☐			8906.25	0.0010	P	8.2

$$y = 4.2116\text{E-}004 * x + 2.3098\text{E-}005$$

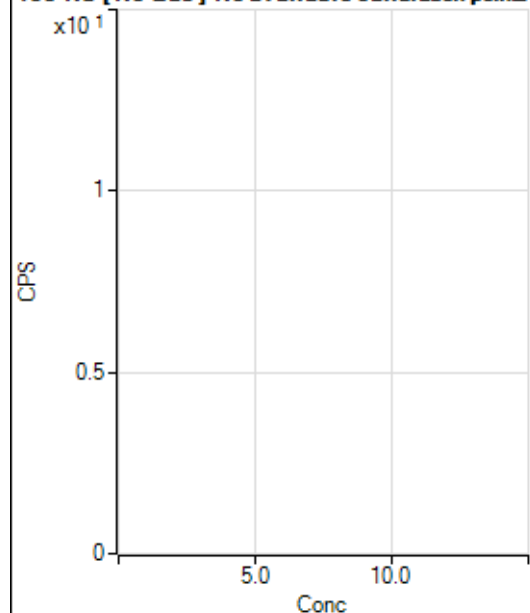
$$R = 1.0000$$

$$DL = 0.009625$$

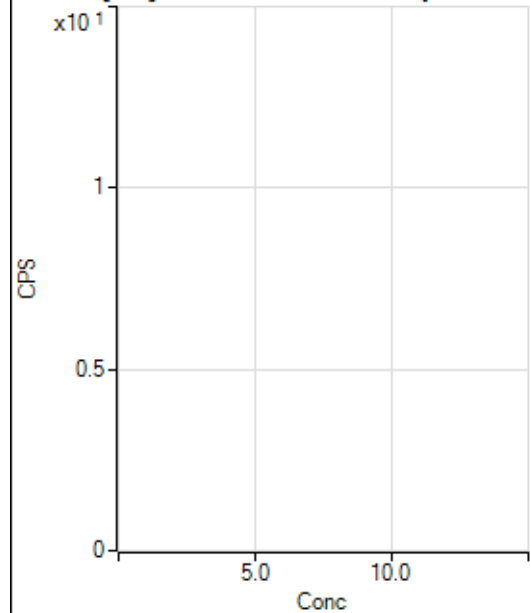
$$BEC = 0.05484$$

Weight: <None>

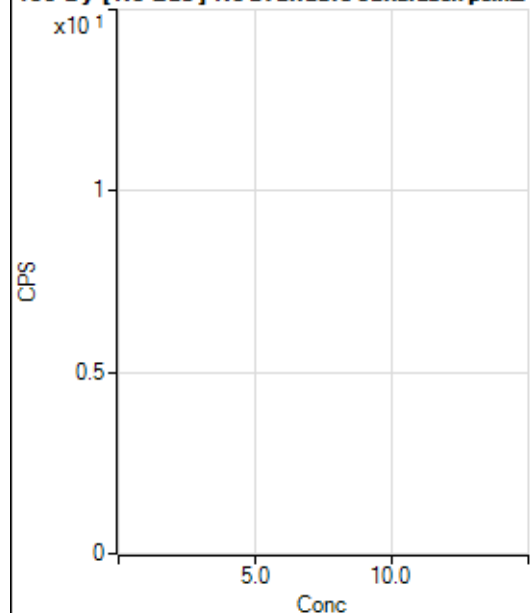
Min Conc: 0

150 Nd [No Gas] No available calibration points

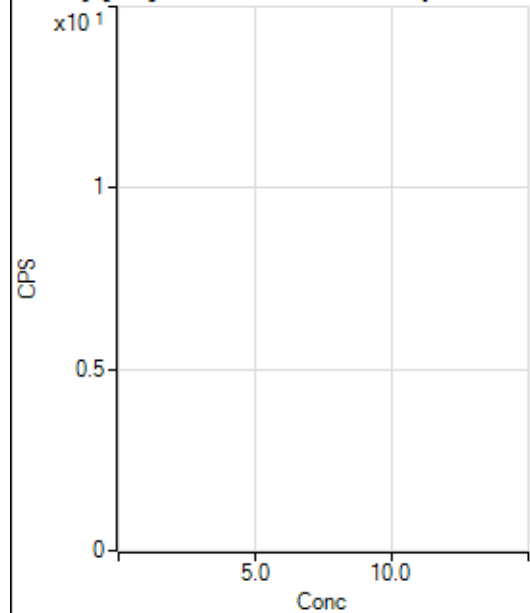
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			22.22		P	62.4
4	☐			26.67		P	66.2
5	☐			57.78		P	35.2
6	☐			115.56		P	17.6
7	☐			153.34		P	19.0
8	☐			511.14		P	23.4
9	☐			115.56		P	36.6

150 Nd [He] No available calibration points

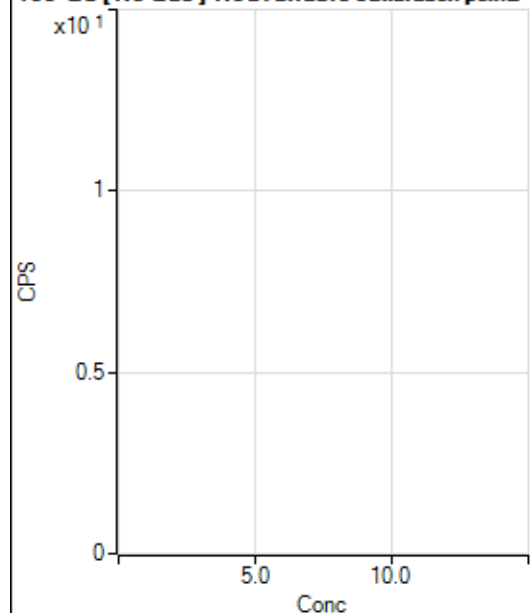
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			1.11		P	173.2
7	☐			3.33		P	173.2
8	☐			33.33		P	20.0
9	☐			17.78		P	10.8

156 Dy [No Gas] No available calibration points

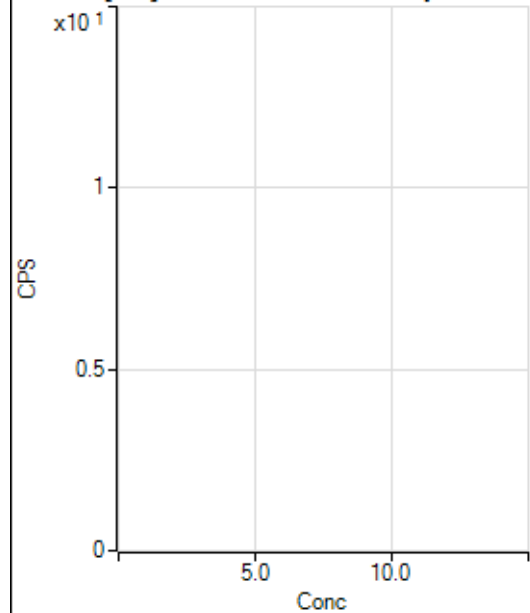
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			11.11		P	86.6
4	☐			22.22		P	43.3
5	☐			41.67		P	72.1
6	☐			30.56		P	56.8
7	☐			94.45		P	22.2
8	☐			227.79		P	21.1
9	☐			63.89		P	32.8

156 Dy [He] No available calibration points

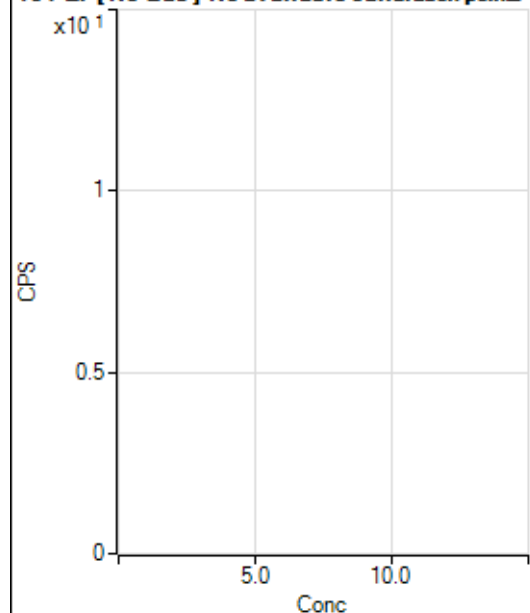
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			5.55		P	124.9
6	☐			7.78		P	24.7
7	☐			11.11		P	34.6
8	☐			37.78		P	10.2
9	☐			12.22		P	68.7

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

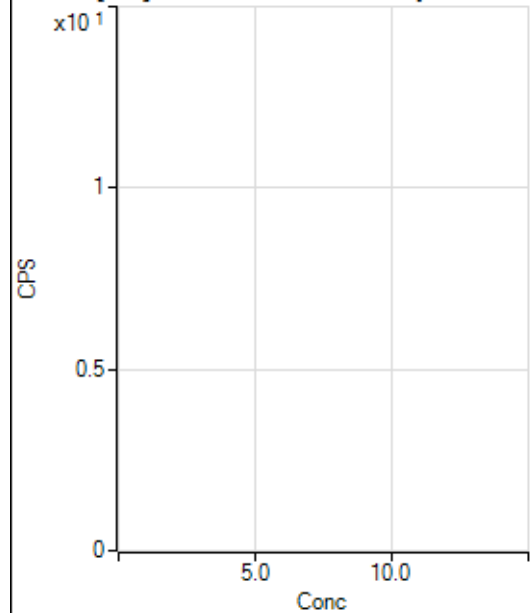
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.23		P	36.7
2	☐						
3	☐			44.45		P	47.2
4	☐			58.34		P	42.9
5	☐			47.23		P	56.7
6	☐			72.22		P	52.0
7	☐			111.12		P	21.7
8	☐			211.12		P	13.9
9	☐			105.56		P	9.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐						
3	☐			8.89		P	94.4
4	☐			11.11		P	45.8
5	☐			8.89		P	43.3
6	☐			15.56		P	49.5
7	☐			25.55		P	15.1
8	☐			51.11		P	26.4
9	☐			25.56		P	19.9

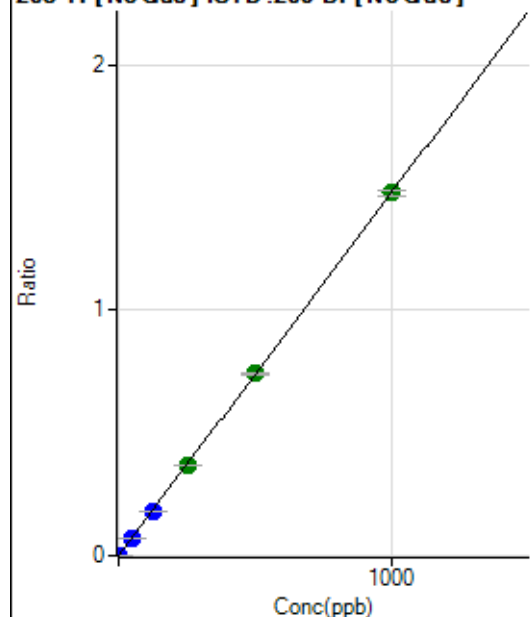
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			36.11		P	58.1
4	☐			44.45		P	10.8
5	☐			52.78		P	39.7
6	☐			41.67		P	34.6
7	☐			55.56		P	8.7
8	☐			102.78		P	12.4
9	☐			33.33		P	75.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	75.5
2	☐						
3	☐			7.78		P	65.5
4	☐			5.56		P	34.7
5	☐			3.33		P	173.2
6	☐			8.89		P	57.3
7	☐			1.11		P	173.2
8	☐			23.33		P	42.9
9	☐			8.89		P	43.3

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	9.4
2	☐	0.100					
3	☐	1.000	0.938	6613.18	0.0014	P	9.5
4	☐	50.000	49.623	359626.18	0.0734	P	1.5
5	☐	125.000	123.273	915590.99	0.1823	P	1.8
6	☐	250.000	250.430	1891185.48	0.3702	A	0.5
7	☐	500.000	500.990	3850415.32	0.7407	A	1.0
8	☐	1000.000	999.632	7709718.66	1.4778	A	1.5
9	☐			3739.63	0.0008	P	10.2

$$y = 0.0015 * x + 2.6727E-005$$

$$R = 1.0000$$

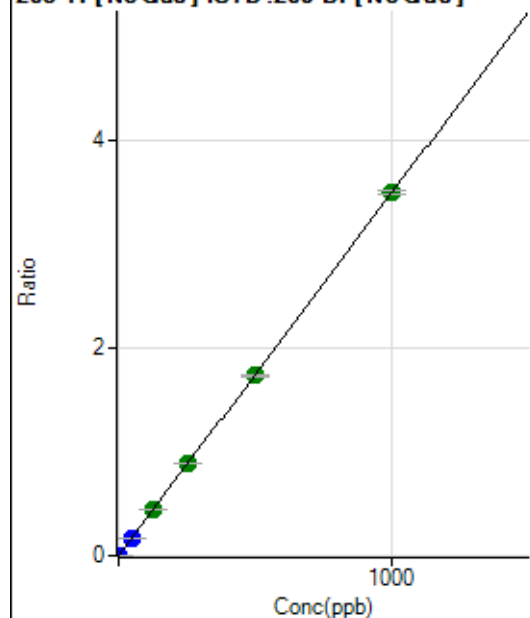
$$DL = 0.005093$$

$$BEC = 0.01808$$

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	463.92	0.0001	P	8.4
2	☐	0.100					
3	☐	1.000	0.927	15624.16	0.0033	P	4.5
4	☐	50.000	49.798	852962.24	0.1741	P	0.9
5	☐	125.000	125.794	2207987.81	0.4395	A	1.0
6	☐	250.000	253.429	4522477.92	0.8854	A	0.4
7	☐	500.000	496.665	9019996.64	1.7351	A	1.0
8	☐	1000.000	1000.721	18238186.00	3.4958	A	1.0
9	☐			8656.09	0.0018	P	3.3

$$y = 0.0035 * x + 9.7088E-005$$

$$R = 1.0000$$

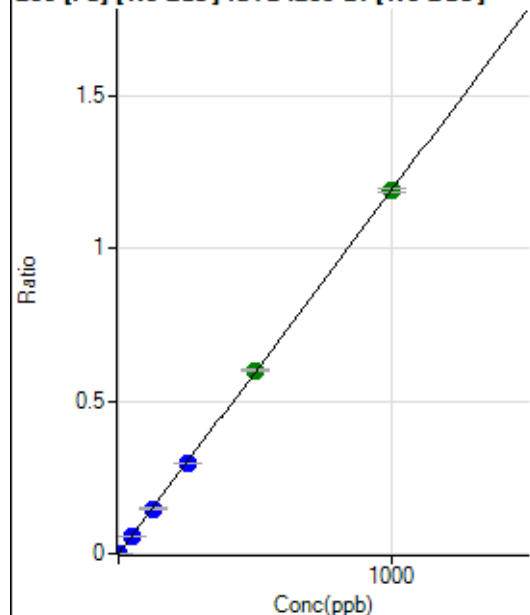
$$DL = 0.007045$$

$$BEC = 0.02779$$

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	772.27	0.0002	P	10.3
2	☐	0.100					
3	☐	1.000	1.052	6622.28	0.0014	P	7.1
4	☐	50.000	49.807	291612.69	0.0595	P	1.2
5	☐	125.000	123.710	741243.00	0.1476	P	1.9
6	☐	250.000	249.465	1519055.83	0.2974	P	0.6
7	☐	500.000	503.745	3121188.03	0.6004	A	0.9
8	☐	1000.000	998.432	6207186.66	1.1898	A	1.2
9	☐			13329.57	0.0027	P	2.7

$$y = 0.0012 * x + 1.6165E-004$$

$$R = 1.0000$$

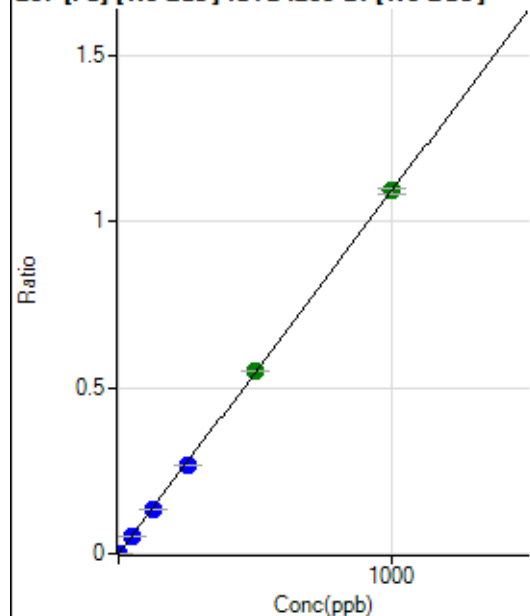
$$DL = 0.04197$$

$$BEC = 0.1357$$

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	637.08	0.0001	P	9.2
2	☐	0.100					
3	☐	1.000	1.017	5814.46	0.0012	P	4.9
4	☐	50.000	48.969	262257.61	0.0535	P	1.0
5	☐	125.000	120.915	662831.31	0.1319	P	1.1
6	☐	250.000	244.135	1360058.70	0.2663	P	0.4
7	☐	500.000	502.982	2851328.91	0.5484	A	0.6
8	☐	1000.000	1000.537	5690845.15	1.0908	A	1.4
9	☐			11381.33	0.0023	P	0.9

$$y = 0.0011 * x + 1.3329E-004$$

$$R = 1.0000$$

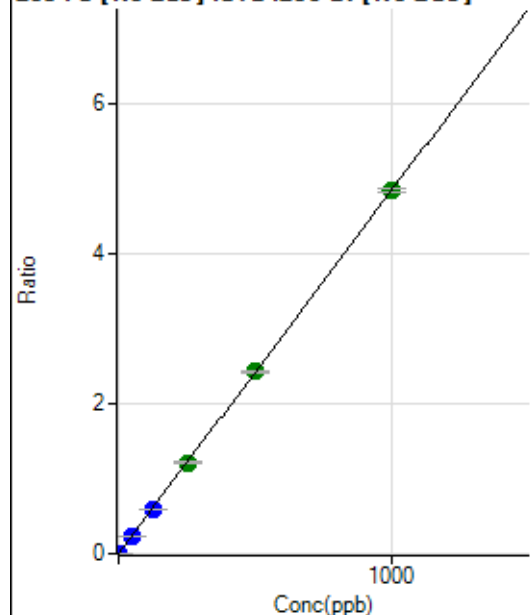
$$DL = 0.0337$$

$$BEC = 0.1223$$

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	2889.11	0.0006	P	1.3
2	☐	0.100					
3	☐	1.000	1.029	26148.25	0.0056	P	5.3
4	☐	50.000	49.552	1177897.46	0.2404	P	1.1
5	☐	125.000	122.917	2990748.42	0.5953	P	1.0
6	☐	250.000	250.874	6203268.92	1.2145	A	0.9
7	☐	500.000	501.624	12621184.51	2.4277	A	1.0
8	☐	1000.000	999.252	25227157.81	4.8355	A	1.2
9	☐			52033.51	0.0106	P	0.2

$$y = 0.0048 * x + 6.0452E-004$$

$$R = 1.0000$$

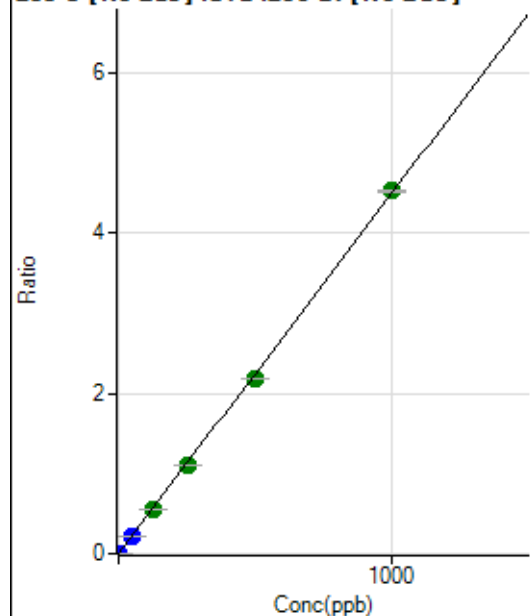
$$DL = 0.005054$$

$$BEC = 0.1249$$

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	783.40	0.0002	P	16.5
2	☐	0.100					
3	☐	1.000	0.866	18995.84	0.0041	P	3.4
4	☐	50.000	48.171	1061448.17	0.2166	P	1.1
5	☐	125.000	122.558	2767179.10	0.5508	A	0.8
6	☐	250.000	244.950	5622504.25	1.1007	A	0.5
7	☐	500.000	487.652	11392283.59	2.1912	A	0.5
8	☐	1000.000	1007.833	23625820.49	4.5284	A	0.7
9	☐			9581.98	0.0019	P	6.3

$$y = 0.0045 * x + 1.6383E-004$$

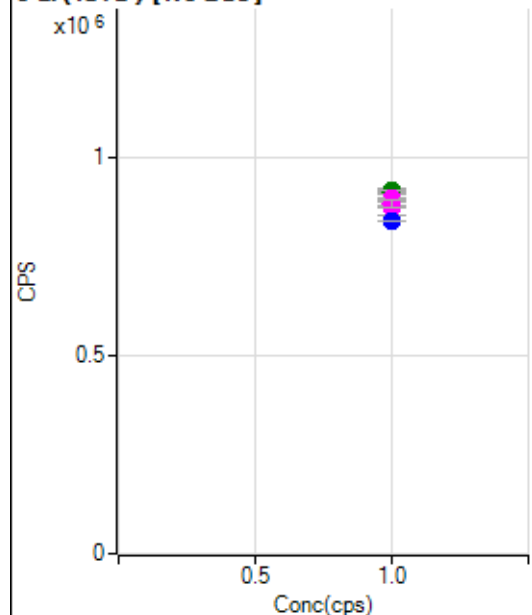
$$R = 0.9999$$

$$DL = 0.01802$$

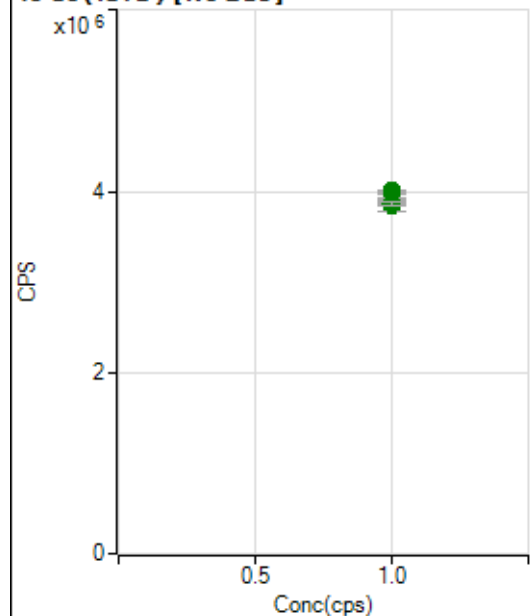
$$BEC = 0.03646$$

Weight: <None>

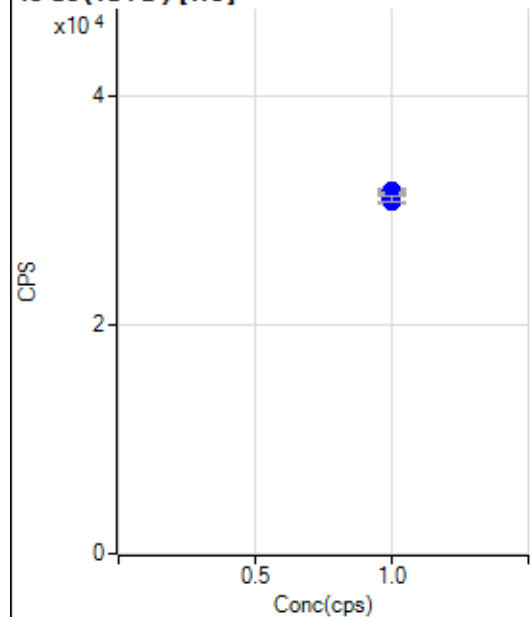
Min Conc: 0

6 Li (ISTD) [No Gas]

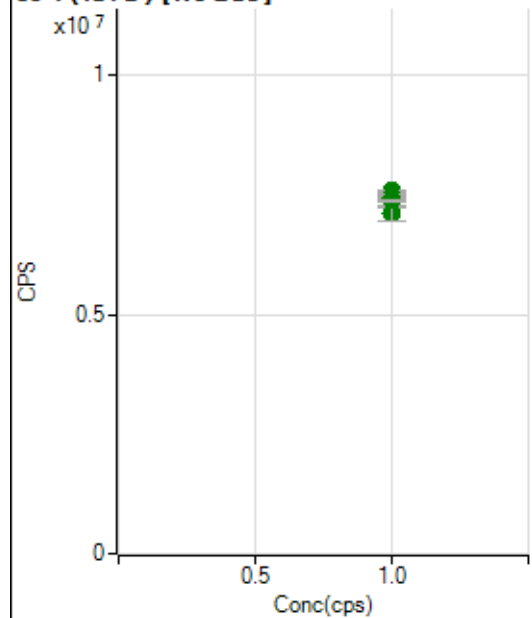
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		878047.66		M	0.4
2	☐	1.000					
3	☐	1.000		872887.40		M	4.2
4	☐	1.000		916841.98		A	1.0
5	☐	1.000		913975.61		A	1.1
6	☐	1.000		912774.64		A	1.1
7	☐	1.000		898789.39		M	0.4
8	☐	1.000		884456.36		M	1.9
9	☐	1.000		839747.88		P	0.1

45 Sc (ISTD) [No Gas]

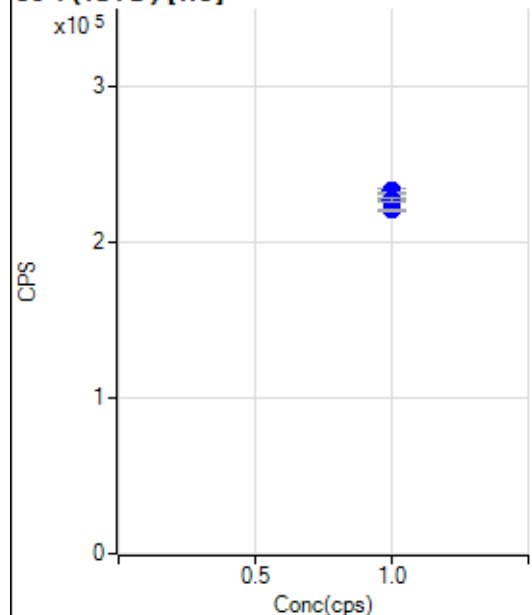
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3846028.12		A	0.4
2	☐	1.000					
3	☐	1.000		3849299.43		A	4.0
4	☐	1.000		4003723.92		A	0.8
5	☐	1.000		3986324.14		A	0.5
6	☐	1.000		3975421.10		A	0.3
7	☐	1.000		3972208.55		A	0.3
8	☐	1.000		3920390.10		A	0.7
9	☐	1.000		3861505.34		A	0.8

45 Sc (ISTD) [He]

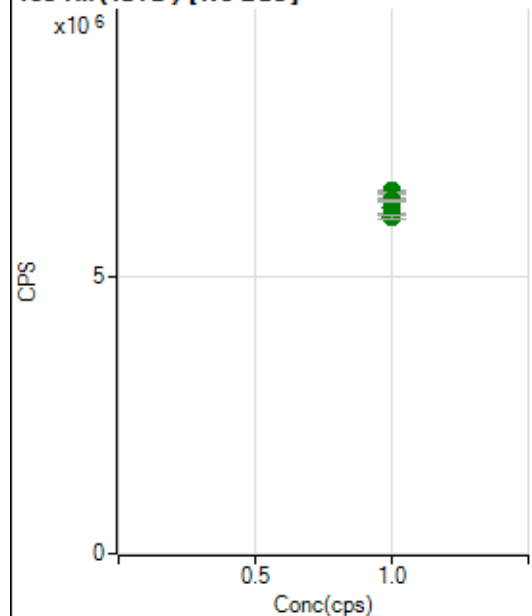
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31296.16		P	1.1
2	☐	1.000					
3	☐	1.000		31504.42		P	1.5
4	☐	1.000		31656.98		P	1.5
5	☐	1.000		31507.72		P	0.3
6	☐	1.000		30897.52		P	1.8
7	☐	1.000		31080.06		P	2.3
8	☐	1.000		30715.98		P	0.3
9	☐	1.000		30928.70		P	1.9

89 Y (ISTD) [No Gas]

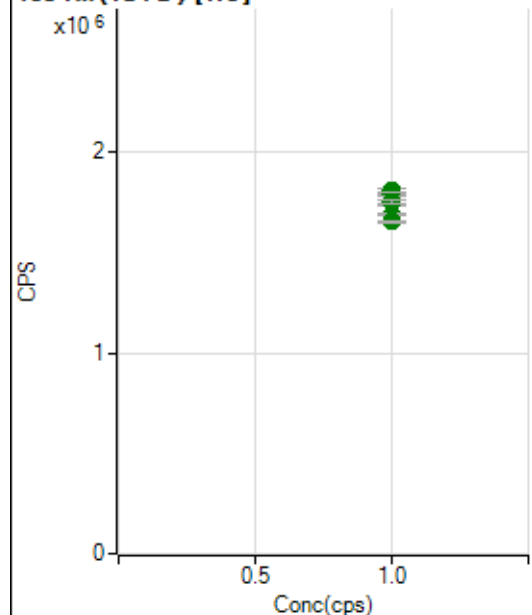
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7239111.77		A	0.2
2	☐	1.000					
3	☐	1.000		7101083.43		A	4.5
4	☐	1.000		7441543.64		A	0.2
5	☐	1.000		7432021.42		A	1.1
6	☐	1.000		7511797.81		A	0.6
7	☐	1.000		7583044.61		A	0.5
8	☐	1.000		7482064.47		A	0.6
9	☐	1.000		7390267.95		A	0.5

89 Y(ISTD) [He]

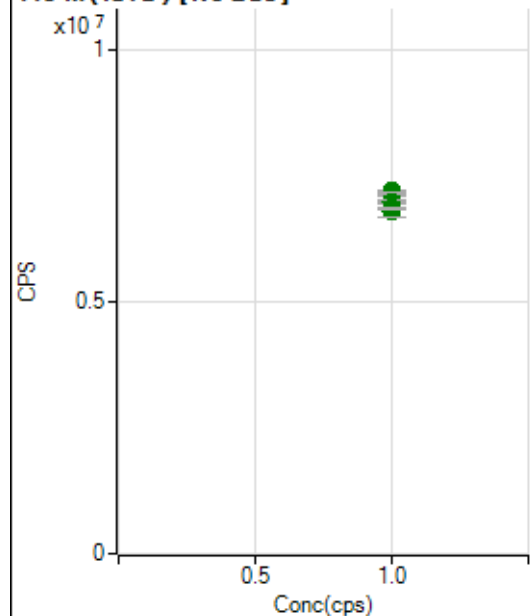
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		227484.15		P	0.5
2	☐	1.000					
3	☐	1.000		232855.59		P	0.9
4	☐	1.000		231839.07		P	0.4
5	☐	1.000		231261.70		P	0.8
6	☐	1.000		227319.47		P	1.4
7	☐	1.000		227354.93		P	0.5
8	☐	1.000		220680.85		P	0.8
9	☐	1.000		227452.27		P	0.9

103 Rh(ISTD) [No Gas]

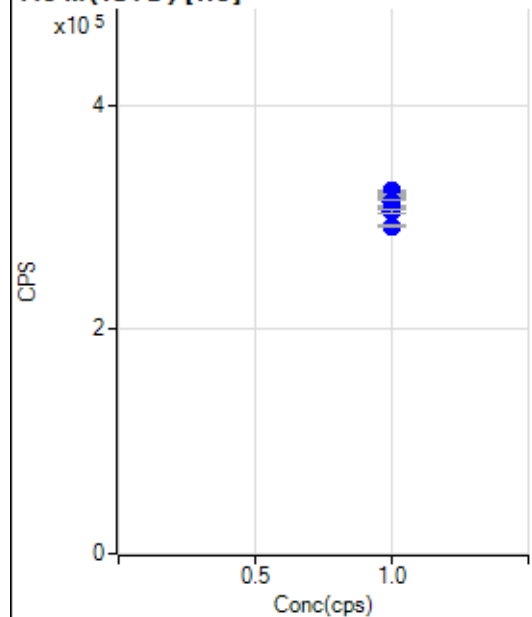
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6439977.49		A	0.4
2	☐	1.000					
3	☐	1.000		6263182.52		A	3.6
4	☐	1.000		6567919.50		A	0.7
5	☐	1.000		6525953.06		A	0.4
6	☐	1.000		6522319.85		A	0.8
7	☐	1.000		6518568.59		A	0.4
8	☐	1.000		6394121.46		A	0.5
9	☐	1.000		6096897.57		A	0.9

103 Rh (ISTD) [He]

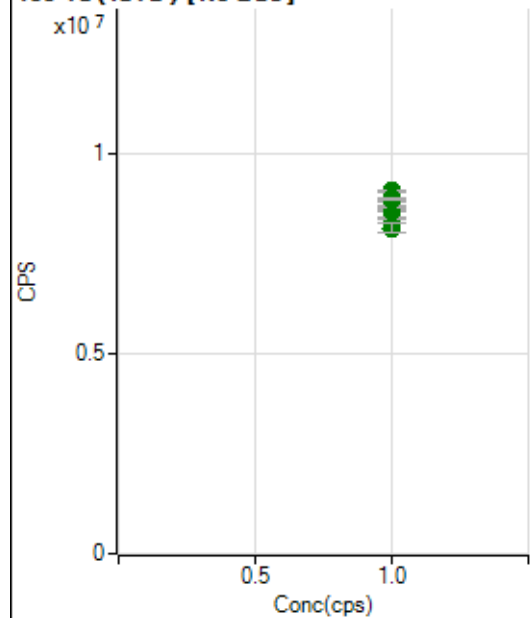
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1788661.87		A	0.6
2	☐	1.000					
3	☐	1.000		1807103.08		A	1.3
4	☐	1.000		1796024.73		A	0.1
5	☐	1.000		1792462.72		A	1.0
6	☐	1.000		1749524.38		A	1.9
7	☐	1.000		1748792.13		A	1.1
8	☐	1.000		1687092.63		A	0.5
9	☐	1.000		1655949.96		A	0.6

115 In (ISTD) [No Gas]

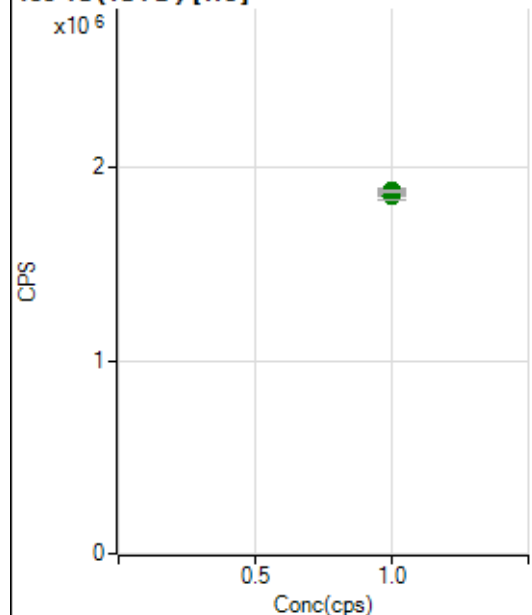
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6969692.57		A	0.7
2	☐	1.000					
3	☐	1.000		6796260.03		A	4.0
4	☐	1.000		7098249.77		A	0.5
5	☐	1.000		7182219.26		A	0.9
6	☐	1.000		7193884.68		A	0.4
7	☐	1.000		7159241.78		A	0.5
8	☐	1.000		6975282.83		A	1.1
9	☐	1.000		6857511.09		A	0.7

115 In (ISTD) [He]

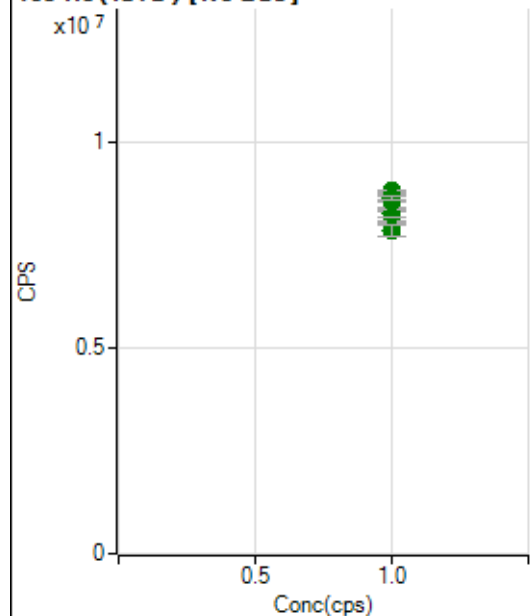
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		316498.43		P	0.4
2	☐	1.000					
3	☐	1.000		323576.17		P	0.8
4	☐	1.000		321556.50		P	0.5
5	☐	1.000		319887.98		P	1.0
6	☐	1.000		313272.39		P	1.5
7	☐	1.000		307593.30		P	0.5
8	☐	1.000		292320.10		P	0.2
9	☐	1.000		305564.10		P	0.9

159 Tb (ISTD) [No Gas]

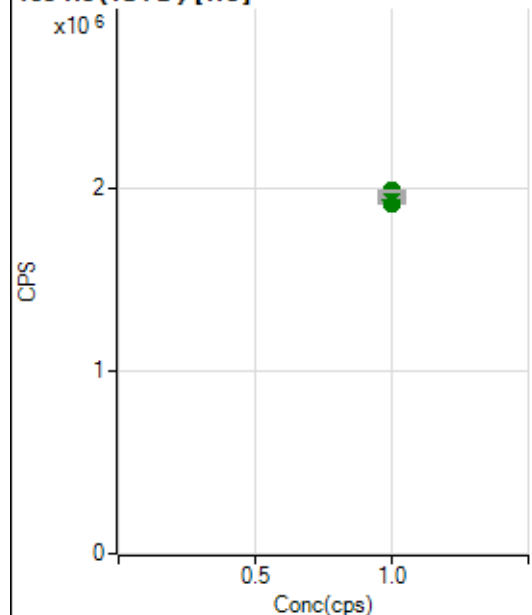
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8416404.25		A	0.7
2	☐	1.000					
3	☐	1.000		8151604.53		A	3.3
4	☐	1.000		8591659.80		A	0.4
5	☐	1.000		8684667.58		A	0.8
6	☐	1.000		8851706.46		A	0.9
7	☐	1.000		9055459.10		A	0.3
8	☐	1.000		9081524.17		A	0.3
9	☐	1.000		8890134.52		A	0.9

159 Tb (ISTD) [He]

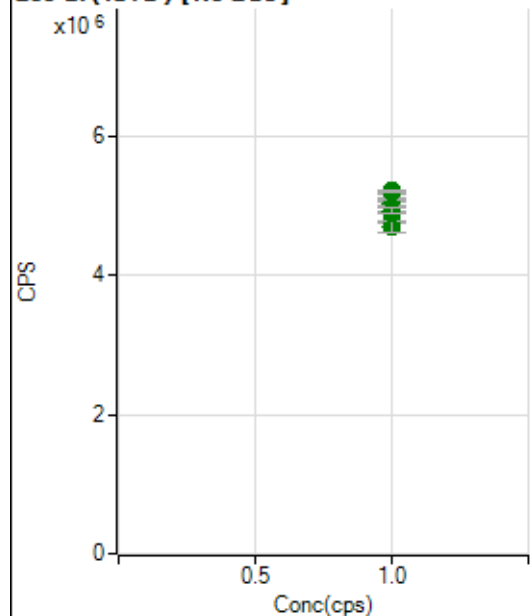
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1856462.99		A	0.5
2	☐	1.000					
3	☐	1.000		1863604.78		A	0.4
4	☐	1.000		1861724.23		A	0.9
5	☐	1.000		1874812.89		A	0.8
6	☐	1.000		1875156.22		A	1.4
7	☐	1.000		1874285.32		A	0.5
8	☐	1.000		1850475.39		A	1.5
9	☐	1.000		1879446.86		A	0.5

165 Ho (ISTD) [No Gas]

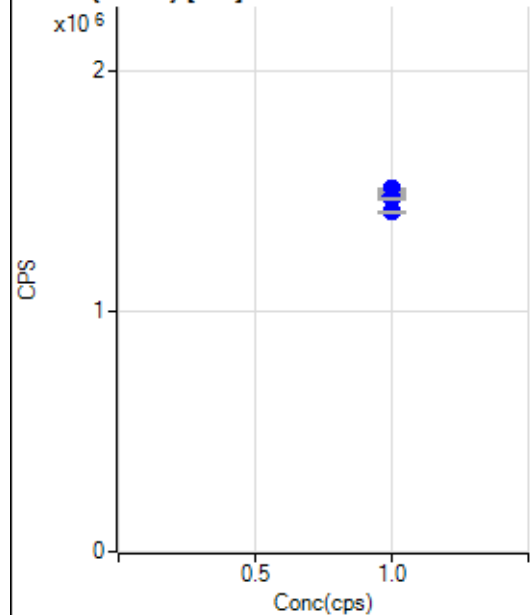
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8061203.04		A	0.2
2	☐	1.000					
3	☐	1.000		7845523.70		A	4.0
4	☐	1.000		8251469.37		A	1.4
5	☐	1.000		8386012.25		A	0.6
6	☐	1.000		8552302.71		A	0.4
7	☐	1.000		8747534.48		A	0.6
8	☐	1.000		8813238.65		A	0.1
9	☐	1.000		8652336.57		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1911689.90		A	0.4
2	☐	1.000					
3	☐	1.000		1925565.39		A	0.4
4	☐	1.000		1935060.23		A	0.7
5	☐	1.000		1963599.92		A	0.3
6	☐	1.000		1945847.76		A	2.5
7	☐	1.000		1954342.49		A	1.0
8	☐	1.000		1945828.22		A	0.5
9	☐	1.000		1983180.77		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4779321.56		A	0.6
2	☐	1.000					
3	☐	1.000		4687752.85		A	3.5
4	☐	1.000		4900746.98		A	0.6
5	☐	1.000		5023949.78		A	1.0
6	☐	1.000		5107955.48		A	0.3
7	☐	1.000		5198965.83		A	0.8
8	☐	1.000		5217408.36		A	0.8
9	☐	1.000		4927558.61		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1482275.90		P	0.2
2	☐	1.000					
3	☐	1.000		1477000.90		P	0.9
4	☐	1.000		1497108.60		P	0.5
5	☐	1.000		1507330.24		P	0.6
6	☐	1.000		1496758.78		P	1.4
7	☐	1.000		1492650.39		P	0.5
8	☐	1.000		1467082.34		P	0.7
9	☐	1.000		1412491.63		P	0.4

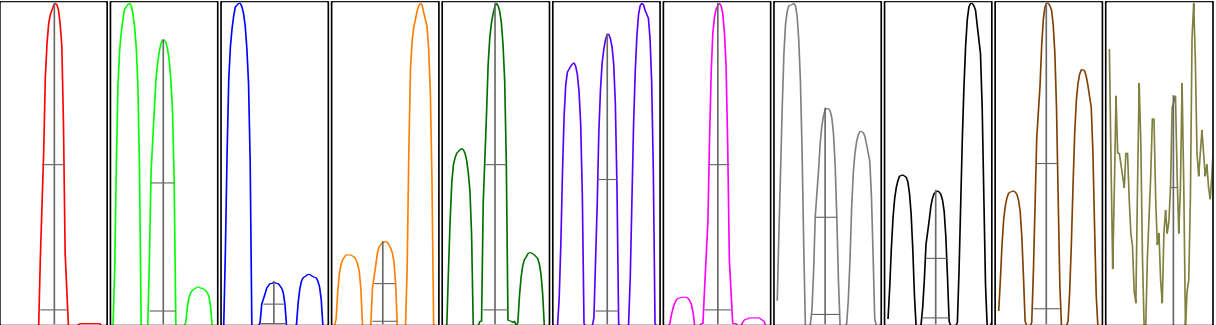
US EPA Tune Check Sample Report

Batch Folder D:\P8081717 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7025	1.50	5.00	
24	42693	0.93	5.00	
25	5715	1.15	5.00	
26	6665	1.43	5.00	
59	86489	1.58	5.00	
113	12346	2.18	5.00	
115	153946	2.55	5.00	
206	32279	2.42	5.00	
207	28912	2.34	5.00	
208	69529	2.28	5.00	
220	1	21.82		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6975	7195	7061	6941	6955
24	42841	43109	42691	42041	42783
25	5783	5741	5731	5606	5712
26	6726	6694	6726	6498	6680
59	86426	86940	87500	84162	87418
113	12379	12296	12632	11921	12501
115	155063	153113	157746	147617	156188
206	32921	32146	32610	30977	32739
207	29528	29036	29109	27752	29135
208	71308	69842	69695	66944	69856
220	1	1	2	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11762	9.05	8.9 - 9.1		0.778	0.900	
24	68498	24.00	23.9 - 24.1		0.785	0.900	
25	9199	25.00	24.9 - 25.1		0.768	0.900	
26	10874	25.95	25.9 - 26.1		0.741	0.900	
59	143988	59.00	58.9 - 59.1		0.742	0.900	
113	22315	113.05	112.9 - 113.1		0.692	0.900	
115	276085	115.05	114.9 - 115.1		0.770	0.900	
206	55636	205.95	205.9 - 206.1		0.804	0.900	
207	49785	206.95	206.9 - 207.1		0.778	0.900	
208	118875	207.95	207.9 - 208.1		0.815	0.900	
220	2	220.40	-				

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	8.0	V	Deflect	14.0	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	11229	0.56	
89	2938	0.41	
205	17813	0.61	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11289	11153	11298	11192	11213
89	2940	2917	2948	2938	2945
205	17909	17849	17910	17725	17674

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	8.0	V	Deflect	2.6	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:12:59	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.35	0.01	-1.36	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.05	-0.04	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	-0.25	0.03	0.22	0.00	N/A	ppb
Boron	10-1	-0.58	0.40	0.18	0.00	N/A	ppb
Cadmium	106-1	0.35	0.51	-0.86	0.00	N/A	ppb
Cadmium	108-1	0.04	0.01	-0.05	0.00	N/A	ppb
Cadmium	111-1	0.02	0.03	-0.05	0.00	N/A	ppb
Calcium	43-1	-3.06	-4.12	7.17	0.00	N/A	ppb
Calcium	44-1	0.55	-0.94	0.39	0.00	N/A	ppb
Chromium	52-2	-0.06	0.11	-0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.01	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.12	0.04	0.08	0.00	N/A	ppb
Iron	57-2	-0.36	0.75	-0.39	0.00	N/A	ppb
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.73	-0.34	-0.39	0.00	N/A	ppb
Manganese	55-2	0.07	-0.13	0.05	0.00	N/A	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:12:59	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.01	0.06	0.00	N/A	ppb
Phosphorus	31-2	0.07	18.83	18.04	12.32	86.15	ppb
Potassium	39-2	0.29	4.78	-5.07	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	1.16	-0.93	0.00	N/A	ppb
Selenium	82-1	0.44	0.36	-0.81	0.00	N/A	ppb
Silicon	28-1	0.82	-0.14	-0.68	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-2.13	0.18	1.95	0.00	N/A	ppb
Strontium	86-1	0.01	0.02	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-37.09	-111.91	-108.70	-85.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.02	0.01	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	0.00	-0.06	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:12:59	DataFile Name :	003CALB.d

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

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:20:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.58	16.45	26.74	21.92	23.63	ppb
Antimony	121-1	2.03	1.97	1.94	1.98	2.31	ppb
Arsenic	75-2	1.24	0.82	0.75	0.94	28.49	ppb
Barium	135-1	9.95	9.01	9.24	9.40	5.20	ppb
Barium	137-1	9.77	9.30	9.32	9.46	2.83	ppb
Beryllium	9-1	0.90	0.88	0.76	0.84	9.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	22.56	21.17	21.74	21.82	3.20	ppb
Boron	10-1	20.91	19.45	20.79	20.38	3.99	ppb
Cadmium	106-1	0.65	1.30	1.06	1.00	32.84	ppb
Cadmium	108-1	0.88	0.92	0.90	0.90	2.13	ppb
Cadmium	111-1	0.97	0.98	1.01	0.99	1.79	ppb
Calcium	43-1	488.48	461.66	426.68	458.94	6.75	ppb
Calcium	44-1	483.21	446.20	446.24	458.55	4.66	ppb
Chromium	52-2	1.99	2.09	1.88	1.99	5.45	ppb
Cobalt	59-2	0.89	0.96	0.91	0.92	3.91	ppb
Copper	63-2	1.99	2.19	2.13	2.10	4.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.37	48.69	47.42	47.49	2.45	ppb
Iron	57-2	49.95	47.86	46.34	48.05	3.77	ppb
Lead	206-1	1.13	0.96	1.06	1.05	7.98	ppb
Lead	207-1	1.08	1.00	0.97	1.02	5.47	ppb
Lead	208-1	1.10	0.99	1.00	1.03	5.91	ppb
Lithium	6-1						%
Magnesium	24-2	443.00	469.25	432.52	448.26	4.22	ppb
Manganese	55-2	0.89	0.87	0.80	0.85	6.02	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:20:08	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.69	4.32	4.46	4.49	4.20	ppb
Molybdenum	94-1	2.20	1.93	1.95	2.03	7.56	ppb
Molybdenum	95-1	4.75	4.19	4.30	4.41	6.65	ppb
Molybdenum	96-1	4.05	3.84	3.69	3.86	4.60	ppb
Molybdenum	97-1	4.51	4.41	4.43	4.45	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.98	0.89	0.95	6.02	ppb
Phosphorus	31-2	-0.28	-18.33	-18.33	-12.32		ppb
Potassium	39-2	472.64	511.19	453.01	478.94	6.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	16.52	4.11	0.00	6.88	125.06	ppb
Selenium	78-2	6.55	5.84	6.65	6.35	6.95	ppb
Selenium	82-1	5.16	5.14	5.09	5.13	0.72	ppb
Silicon	28-1	18.54	8.44	8.92	11.97	47.60	ppb
Silver	109-1	1.35	1.30	1.29	1.31	2.19	ppb
Silver	107-1	1.34	1.30	1.28	1.31	2.41	ppb
Sodium	23-2	471.74	480.29	465.66	472.56	1.56	ppb
Strontium	86-1	1.06	1.02	1.07	1.05	2.32	ppb
Strontium	88-1	1.03	0.93	0.92	0.96	6.07	ppb
Sulfur	34-1	566.64	-168.57	-140.38	85.90	484.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.04	0.91	0.87	0.94	9.69	ppb
Thallium	205-1	0.96	0.88	0.94	0.93	4.68	ppb
Tin	118-1	4.99	4.73	4.72	4.81	3.23	ppb
Titanium	47-1	4.96	4.75	4.91	4.87	2.30	ppb
Uranium	238-1	0.90	0.84	0.86	0.87	3.51	ppb
Vanadium	51-2	4.65	4.59	4.26	4.50	4.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.38	1.78	1.81	1.99	17.14	ppb
Zirconium	90-1	0.96	0.89	0.87	0.91	5.13	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:20:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	0.78	0.87	0.84	6.30	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 13:23:37 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	949.71	1027.10	1010.45	995.76	4.09	ppb
Antimony	121-1	51.27	51.80	51.50	51.52	0.52	ppb
Arsenic	75-2	48.92	50.36	50.83	50.04	1.99	ppb
Barium	135-1	254.66	254.27	256.38	255.10	0.44	ppb
Barium	137-1	256.10	260.77	260.43	259.10	1.00	ppb
Beryllium	9-1	49.15	50.23	49.55	49.64	1.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	47.13	48.00	48.22	47.79	1.20	ppb
Boron	10-1	45.31	47.40	46.03	46.25	2.29	ppb
Cadmium	106-1	51.77	50.22	53.34	51.78	3.01	ppb
Cadmium	108-1	52.55	52.84	55.94	53.78	3.49	ppb
Cadmium	111-1	52.03	52.71	52.10	52.28	0.72	ppb
Calcium	43-1	4859.30	4962.85	4911.08	4911.08	1.05	ppb
Calcium	44-1	4996.12	5098.28	5052.05	5048.82	1.01	ppb
Chromium	52-2	50.38	52.55	50.70	51.21	2.28	ppb
Cobalt	59-2	50.24	51.79	50.86	50.96	1.54	ppb
Copper	63-2	102.12	104.34	103.38	103.28	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2606.54	2708.11	2651.58	2655.41	1.92	ppb
Iron	57-2	2536.90	2676.32	2603.14	2605.45	2.68	ppb
Lead	206-1	49.43	49.51	50.49	49.81	1.18	ppb
Lead	207-1	48.51	48.91	49.49	48.97	1.00	ppb
Lead	208-1	49.28	49.21	50.16	49.55	1.07	ppb
Lithium	6-1						%
Magnesium	24-2	5078.32	5243.87	5256.04	5192.74	1.91	ppb
Manganese	55-2	102.28	105.34	104.43	104.02	1.51	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:23:37	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	49.38	48.43	48.76	48.86	0.98	ppb
Molybdenum	94-1	49.13	49.99	49.34	49.49	0.90	ppb
Molybdenum	95-1	47.94	48.96	48.94	48.61	1.19	ppb
Molybdenum	96-1	49.06	50.42	49.36	49.61	1.45	ppb
Molybdenum	97-1	48.35	50.00	49.22	49.19	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.79	53.56	52.72	52.69	1.67	ppb
Phosphorus	31-2	948.35	1126.29	963.74	1012.79	9.73	ppb
Potassium	39-2	2554.10	2606.38	2562.28	2574.25	1.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	45.67	71.14	45.73	54.18	27.11	ppb
Selenium	78-2	53.01	52.05	55.12	53.39	2.94	ppb
Selenium	82-1	52.86	53.87	52.06	52.93	1.72	ppb
Silicon	28-1	56.53	58.20	60.91	58.55	3.77	ppb
Silver	109-1	52.44	53.26	53.10	52.93	0.82	ppb
Silver	107-1	53.29	53.77	54.11	53.72	0.77	ppb
Sodium	23-2	5063.59	5287.33	5151.75	5167.56	2.18	ppb
Strontium	86-1	49.74	50.26	49.35	49.78	0.92	ppb
Strontium	88-1	50.24	50.80	50.87	50.64	0.68	ppb
Sulfur	34-1	640.96	808.34	692.59	713.96	12.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.10	49.26	50.51	49.62	1.55	ppb
Thallium	205-1	49.47	49.61	50.31	49.80	0.90	ppb
Tin	118-1	51.33	51.78	51.57	51.56	0.44	ppb
Titanium	47-1	50.43	49.80	50.02	50.08	0.63	ppb
Uranium	238-1	48.19	47.63	48.69	48.17	1.10	ppb
Vanadium	51-2	50.34	51.49	49.38	50.41	2.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	102.05	104.55	105.11	103.90	1.57	ppb
Zirconium	90-1	50.16	50.52	50.01	50.23	0.52	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:23:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.98	49.39	49.27	49.21	0.43	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:27:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2486.18	2446.69	2387.84	2440.24	2.03	ppb
Antimony	121-1	127.51	128.75	130.00	128.75	0.97	ppb
Arsenic	75-2	124.22	129.94	126.41	126.86	2.27	ppb
Barium	135-1	640.05	634.70	649.02	641.25	1.13	ppb
Barium	137-1	653.89	640.98	661.09	651.99	1.56	ppb
Beryllium	9-1	121.83	124.63	124.31	123.59	1.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	119.47	121.04	122.60	121.04	1.29	ppb
Boron	10-1	117.52	120.61	127.65	121.93	4.25	ppb
Cadmium	106-1	125.99	130.22	136.06	130.76	3.87	ppb
Cadmium	108-1	135.27	130.90	133.27	133.15	1.64	ppb
Cadmium	111-1	130.98	129.60	133.42	131.33	1.47	ppb
Calcium	43-1	12337.70	12433.93	12095.01	12288.88	1.42	ppb
Calcium	44-1	12578.31	12458.78	12335.61	12457.57	0.97	ppb
Chromium	52-2	128.23	128.29	126.60	127.71	0.75	ppb
Cobalt	59-2	127.79	127.89	126.89	127.53	0.43	ppb
Copper	63-2	257.84	257.01	256.52	257.13	0.26	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6594.82	6584.08	6674.84	6617.91	0.75	ppb
Iron	57-2	6631.07	6614.51	6684.81	6643.46	0.55	ppb
Lead	206-1	121.67	126.22	123.24	123.71	1.87	ppb
Lead	207-1	120.15	122.44	120.16	120.92	1.09	ppb
Lead	208-1	121.91	124.33	122.52	122.92	1.02	ppb
Lithium	6-1						%
Magnesium	24-2	13023.26	12912.02	13027.52	12987.60	0.50	ppb
Manganese	55-2	261.12	254.49	260.09	258.56	1.38	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:27:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	123.39	125.43	123.47	124.10	0.93	ppb
Molybdenum	94-1	125.33	126.42	124.32	125.36	0.84	ppb
Molybdenum	95-1	123.03	124.14	121.17	122.78	1.22	ppb
Molybdenum	96-1	123.27	124.18	123.27	123.57	0.43	ppb
Molybdenum	97-1	123.86	124.96	124.24	124.35	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.66	131.62	128.32	129.87	1.28	ppb
Phosphorus	31-2	2632.56	2728.05	2567.53	2642.71	3.06	ppb
Potassium	39-2	6444.16	6433.33	6435.22	6437.57	0.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	111.87	143.11	125.15	126.71	12.37	ppb
Selenium	78-2	111.50	123.66	130.79	121.98	8.00	ppb
Selenium	82-1	129.97	130.98	125.44	128.80	2.29	ppb
Silicon	28-1	155.69	152.44	154.26	154.13	1.06	ppb
Silver	109-1	130.78	130.98	133.53	131.76	1.16	ppb
Silver	107-1	133.14	132.87	134.69	133.57	0.74	ppb
Sodium	23-2	12898.05	12999.77	12813.54	12903.79	0.72	ppb
Strontium	86-1	124.66	126.39	123.96	125.00	1.00	ppb
Strontium	88-1	127.18	128.94	128.86	128.33	0.77	ppb
Sulfur	34-1	2340.91	2112.24	2056.80	2169.98	6.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	122.60	125.76	121.46	123.27	1.81	ppb
Thallium	205-1	124.54	127.14	125.70	125.79	1.04	ppb
Tin	118-1	128.75	128.81	130.32	129.29	0.69	ppb
Titanium	47-1	127.06	125.66	122.68	125.13	1.79	ppb
Uranium	238-1	121.45	123.27	122.96	122.56	0.79	ppb
Vanadium	51-2	127.10	126.62	125.73	126.48	0.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	258.84	259.03	260.36	259.41	0.32	ppb
Zirconium	90-1	127.92	129.09	128.54	128.51	0.46	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:27:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.51	125.06	124.24	124.27	0.62	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:30:30	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4950.30	4875.33	4876.14	4900.59	0.88	ppb
Antimony	121-1	262.16	259.74	257.43	259.78	0.91	ppb
Arsenic	75-2	249.89	244.25	252.12	248.75	1.63	ppb
Barium	135-1	1312.74	1308.02	1276.56	1299.11	1.51	ppb
Barium	137-1	1297.32	1280.83	1273.15	1283.77	0.96	ppb
Beryllium	9-1	249.48	244.90	245.05	246.48	1.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	243.95	237.93	243.59	241.82	1.40	ppb
Boron	10-1	248.67	244.83	239.27	244.26	1.93	ppb
Cadmium	106-1	258.43	263.26	258.34	260.01	1.08	ppb
Cadmium	108-1	258.95	264.43	259.84	261.07	1.13	ppb
Cadmium	111-1	258.20	257.03	255.30	256.84	0.57	ppb
Calcium	43-1	24805.81	24515.68	24579.35	24633.61	0.62	ppb
Calcium	44-1	24566.47	24501.53	24616.00	24561.33	0.23	ppb
Chromium	52-2	257.77	254.91	254.69	255.79	0.67	ppb
Cobalt	59-2	254.78	254.76	254.14	254.56	0.14	ppb
Copper	63-2	516.83	512.23	512.18	513.75	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13151.44	13095.65	12883.47	13043.52	1.08	ppb
Iron	57-2	13218.27	13159.13	13160.54	13179.32	0.26	ppb
Lead	206-1	247.66	250.51	250.22	249.46	0.63	ppb
Lead	207-1	243.03	245.20	244.17	244.13	0.44	ppb
Lead	208-1	248.37	252.48	251.77	250.87	0.87	ppb
Lithium	6-1						%
Magnesium	24-2	26303.11	25805.36	25799.32	25969.26	1.11	ppb
Manganese	55-2	512.48	515.41	517.42	515.10	0.48	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:30:30	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	249.64	254.98	251.02	251.88	1.10	ppb
Molybdenum	94-1	253.47	255.24	250.87	253.19	0.87	ppb
Molybdenum	95-1	244.89	244.76	243.98	244.54	0.20	ppb
Molybdenum	96-1	248.91	249.04	248.02	248.66	0.22	ppb
Molybdenum	97-1	246.20	246.68	247.08	246.65	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.24	260.95	257.51	259.90	0.80	ppb
Phosphorus	31-2	4529.19	4583.78	5884.27	4999.08	15.34	ppb
Potassium	39-2	12895.12	12675.48	12720.00	12763.54	0.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	271.48	280.56	297.24	283.09	4.62	ppb
Selenium	78-2	244.25	268.32	289.56	267.38	8.48	ppb
Selenium	82-1	257.51	255.47	252.60	255.19	0.97	ppb
Silicon	28-1	264.95	261.29	266.20	264.15	0.97	ppb
Silver	109-1	265.66	263.59	261.24	263.49	0.84	ppb
Silver	107-1	265.36	267.58	264.49	265.81	0.60	ppb
Sodium	23-2	26638.30	26450.01	26257.82	26448.71	0.72	ppb
Strontium	86-1	247.10	246.67	245.35	246.37	0.37	ppb
Strontium	88-1	252.77	250.84	247.84	250.49	0.99	ppb
Sulfur	34-1	4925.14	4577.99	4645.46	4716.20	3.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	251.53	250.75	249.01	250.43	0.52	ppb
Thallium	205-1	253.99	253.98	252.32	253.43	0.38	ppb
Tin	118-1	256.12	260.93	254.77	257.28	1.26	ppb
Titanium	47-1	250.81	246.60	248.09	248.50	0.86	ppb
Uranium	238-1	243.90	244.58	246.37	244.95	0.52	ppb
Vanadium	51-2	255.88	253.68	252.82	254.12	0.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	508.71	507.23	509.33	508.42	0.21	ppb
Zirconium	90-1	254.68	252.00	249.89	252.19	0.95	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:30:30	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	246.74	248.68	246.77	247.40	0.45	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:33:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10140.78	9487.22	9857.50	9828.50	3.33	ppb
Antimony	121-1	505.80	503.58	501.98	503.79	0.38	ppb
Arsenic	75-2	500.57	497.01	497.90	498.50	0.37	ppb
Barium	135-1	2517.05	2515.63	2484.48	2505.72	0.73	ppb
Barium	137-1	2499.74	2518.42	2462.99	2493.72	1.13	ppb
Beryllium	9-1	496.60	496.35	492.03	494.99	0.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	489.20	500.07	493.65	494.30	1.11	ppb
Boron	10-1	487.67	497.45	485.88	490.33	1.27	ppb
Cadmium	106-1	510.16	507.42	492.57	503.38	1.88	ppb
Cadmium	108-1	511.46	509.04	504.43	508.31	0.70	ppb
Cadmium	111-1	500.02	503.18	499.39	500.86	0.41	ppb
Calcium	43-1	49119.56	48863.55	48554.18	48845.76	0.58	ppb
Calcium	44-1	48974.85	49231.84	48494.16	48900.28	0.77	ppb
Chromium	52-2	517.03	491.72	501.43	503.39	2.54	ppb
Cobalt	59-2	515.36	486.85	502.51	501.57	2.85	ppb
Copper	63-2	1036.26	996.63	1024.48	1019.13	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26569.08	25339.37	25709.60	25872.69	2.44	ppb
Iron	57-2	26582.23	25059.73	25922.52	25854.83	2.95	ppb
Lead	206-1	508.71	501.71	500.82	503.75	0.86	ppb
Lead	207-1	505.25	499.39	504.30	502.98	0.62	ppb
Lead	208-1	507.33	498.93	498.61	501.62	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	54035.60	50772.13	52015.87	52274.53	3.15	ppb
Manganese	55-2	1044.87	992.73	1010.30	1015.97	2.61	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:33:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	497.59	499.20	492.94	496.58	0.66	ppb
Molybdenum	94-1	495.38	496.69	495.28	495.78	0.16	ppb
Molybdenum	95-1	500.75	504.01	498.12	500.96	0.59	ppb
Molybdenum	96-1	498.67	501.07	494.69	498.14	0.65	ppb
Molybdenum	97-1	488.04	491.37	486.33	488.58	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.21	494.66	508.16	508.34	2.71	ppb
Phosphorus	31-2	10324.80	9460.93	9849.05	9878.26	4.38	ppb
Potassium	39-2	25307.13	24434.03	24861.33	24867.49	1.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	498.30	459.35	549.96	502.54	9.04	ppb
Selenium	78-2	492.81	526.46	512.98	510.75	3.31	ppb
Selenium	82-1	506.59	505.69	499.54	503.94	0.76	ppb
Silicon	28-1	502.08	503.06	508.31	504.48	0.66	ppb
Silver	109-1	519.43	508.18	514.13	513.91	1.10	ppb
Silver	107-1	517.30	512.77	511.65	513.90	0.58	ppb
Sodium	23-2	52614.73	50093.20	51278.88	51328.94	2.46	ppb
Strontium	86-1	489.81	488.16	495.97	491.31	0.84	ppb
Strontium	88-1	494.42	498.31	492.90	495.21	0.56	ppb
Sulfur	34-1	9780.37	9688.97	9571.97	9680.44	1.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.24	502.38	495.35	500.99	1.02	ppb
Thallium	205-1	499.42	499.67	490.90	496.66	1.01	ppb
Tin	118-1	507.35	506.27	502.46	505.36	0.51	ppb
Titanium	47-1	499.39	498.93	496.50	498.27	0.31	ppb
Uranium	238-1	486.07	486.71	490.18	487.65	0.45	ppb
Vanadium	51-2	517.04	486.79	503.16	502.33	3.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1027.20	975.76	999.95	1000.97	2.57	ppb
Zirconium	90-1	492.88	495.96	488.71	492.52	0.74	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:33:49	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.23	502.94	494.96	497.71	0.91	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 13:37:03 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19251.56	19350.70	19839.47	19480.58	1.62	ppb
Antimony	121-1	997.18	993.25	994.92	995.12	0.20	ppb
Arsenic	75-2	997.80	993.62	1011.06	1000.83	0.91	ppb
Barium	135-1	4964.95	4989.91	4992.87	4982.58	0.31	ppb
Barium	137-1	4962.46	4994.32	5015.84	4990.87	0.54	ppb
Beryllium	9-1	1035.71	985.86	989.17	1003.58	2.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	1012.54	989.71	1014.48	1005.58	1.37	ppb
Boron	10-1	1007.23	980.19	1033.45	1006.96	2.64	ppb
Cadmium	106-1	994.79	986.68	1003.52	995.00	0.85	ppb
Cadmium	108-1	992.83	983.88	998.90	991.87	0.76	ppb
Cadmium	111-1	996.01	986.36	1008.49	996.95	1.11	ppb
Calcium	43-1	99758.73	97166.53	99348.47	98757.91	1.41	ppb
Calcium	44-1	98039.71	96788.72	97009.55	97279.33	0.69	ppb
Chromium	52-2	992.22	1003.27	993.88	996.46	0.60	ppb
Cobalt	59-2	995.93	998.82	998.37	997.71	0.16	ppb
Copper	63-2	1979.60	1994.02	1984.22	1985.95	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50540.47	51055.61	50792.82	50796.30	0.51	ppb
Iron	57-2	50765.31	51330.62	51009.72	51035.22	0.56	ppb
Lead	206-1	1010.56	987.05	997.69	998.43	1.18	ppb
Lead	207-1	1011.97	984.42	1005.23	1000.54	1.44	ppb
Lead	208-1	1010.33	987.27	1000.15	999.25	1.16	ppb
Lithium	6-1						%
Magnesium	24-2	101970.36	102210.82	103771.43	102650.87	0.95	ppb
Manganese	55-2	1979.98	1992.58	1988.35	1986.97	0.32	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:37:03	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1011.10	991.05	1002.09	1001.41	1.00	ppb
Molybdenum	94-1	1006.88	993.61	1003.43	1001.31	0.69	ppb
Molybdenum	95-1	1000.21	999.62	1003.87	1001.23	0.23	ppb
Molybdenum	96-1	1011.49	997.63	995.28	1001.47	0.87	ppb
Molybdenum	97-1	1000.86	997.43	1021.72	1006.67	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.72	996.68	990.42	992.61	0.36	ppb
Phosphorus	31-2	19627.87	20321.67	20178.32	20042.62	1.83	ppb
Potassium	39-2	49098.68	49383.25	49288.67	49256.87	0.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	948.36	1047.08	974.63	990.02	5.16	ppb
Selenium	78-2	970.06	1005.81	995.57	990.48	1.86	ppb
Selenium	82-1	1004.15	993.71	990.47	996.11	0.72	ppb
Silicon	28-1	999.85	985.84	984.71	990.13	0.85	ppb
Silver	109-1	986.80	986.02	993.21	988.68	0.40	ppb
Silver	107-1	987.23	985.72	990.56	987.84	0.25	ppb
Sodium	23-2	101041.61	101387.45	101697.17	101375.41	0.32	ppb
Strontium	86-1	1016.13	996.38	1003.27	1005.26	1.00	ppb
Strontium	88-1	1007.62	996.36	1001.49	1001.83	0.56	ppb
Sulfur	34-1	20562.21	20178.74	20117.90	20286.29	1.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1010.93	983.24	1004.73	999.63	1.45	ppb
Thallium	205-1	1008.07	988.78	1005.31	1000.72	1.04	ppb
Tin	118-1	993.67	990.38	1000.62	994.89	0.53	ppb
Titanium	47-1	1010.82	999.59	993.24	1001.22	0.89	ppb
Uranium	238-1	1015.86	1001.87	1005.77	1007.83	0.72	ppb
Vanadium	51-2	993.58	1004.03	995.19	997.60	0.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1989.50	2017.49	1981.12	1996.04	0.95	ppb
Zirconium	90-1	1014.90	997.06	996.27	1002.74	1.05	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:37:03	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1013.33	989.17	1003.28	1001.93	1.21	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:40:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101724.63	99674.12	98983.87	100127.54	1.42	ppb
Antimony	121-1	2.22	2.25	2.25	2.24	0.72	ppb
Arsenic	75-2	0.41	0.28	0.31	0.33	21.22	ppb
Barium	135-1	2.41	2.57	2.32	2.43	5.08	ppb
Barium	137-1	2.25	2.55	2.18	2.32	8.41	ppb
Beryllium	9-1	0.44	0.48	0.41	0.44	8.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	34.89	35.01	31.77	33.89	5.42	ppb
Boron	10-1	36.74	33.43	32.27	34.15	6.80	ppb
Cadmium	106-1	0.67	1.23	-0.18	0.57	123.53	ppb
Cadmium	108-1	0.37	0.37	0.35	0.36	4.02	ppb
Cadmium	111-1	0.30	0.38	0.25	0.31	20.42	ppb
Calcium	43-1	498664.81	496335.71	506164.58	500388.37	1.03	ppb
Calcium	44-1	497919.23	496345.71	507765.03	500676.65	1.24	ppb
Chromium	52-2	3.29	3.76	3.12	3.39	9.80	ppb
Cobalt	59-2	1.18	1.15	1.09	1.14	4.07	ppb
Copper	63-2	2.86	2.90	2.74	2.83	2.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	251757.94	251182.45	246206.25	249715.54	1.22	ppb
Iron	57-2	251893.00	249932.30	247162.55	249662.62	0.95	ppb
Lead	206-1	2.13	2.08	2.20	2.14	2.87	ppb
Lead	207-1	2.00	1.98	2.01	2.00	0.92	ppb
Lead	208-1	2.05	2.06	2.06	2.06	0.26	ppb
Lithium	6-1						%
Magnesium	24-2	506766.56	500153.40	490619.57	499179.84	1.63	ppb
Manganese	55-2	5.08	4.82	5.19	5.03	3.73	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:40:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.22	1.32	1.24	1.26	4.14	ppb
Molybdenum	94-1	0.73	0.79	0.72	0.75	4.69	ppb
Molybdenum	95-1	1.36	1.36	1.22	1.32	6.08	ppb
Molybdenum	96-1	1.65	1.73	1.62	1.67	3.35	ppb
Molybdenum	97-1	1.30	1.31	1.20	1.27	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.32	2.29	2.31	2.31	0.74	ppb
Phosphorus	31-2	-18.33	19.02	-0.10	0.20	9521.00	ppb
Potassium	39-2	253362.87	249953.82	247113.24	250143.31	1.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.28	0.00	0.00	1.43	173.21	ppb
Selenium	78-2	1.19	0.46	-0.93	0.24	447.03	ppb
Selenium	82-1	0.86	1.77	0.98	1.20	41.20	ppb
Silicon	28-1	31.18	31.61	39.99	34.26	14.49	ppb
Silver	109-1	0.20	0.25	0.25	0.23	10.68	ppb
Silver	107-1	0.21	0.21	0.21	0.21	1.78	ppb
Sodium	23-2	506044.28	498773.84	493705.42	499507.85	1.24	ppb
Strontium	86-1	34.75	34.16	34.48	34.46	0.85	ppb
Strontium	88-1	34.96	34.82	35.20	34.99	0.55	ppb
Sulfur	34-1	-270.19	-140.00	113.37	-98.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.49	0.55	0.45	0.49	10.53	ppb
Thallium	205-1	0.49	0.48	0.46	0.47	3.47	ppb
Tin	118-1	0.78	0.84	0.79	0.80	4.11	ppb
Titanium	47-1	1.02	0.83	1.07	0.97	13.05	ppb
Uranium	238-1	0.38	0.43	0.38	0.40	6.91	ppb
Vanadium	51-2	0.56	0.44	0.50	0.50	12.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.10	5.95	5.86	6.30	10.96	ppb
Zirconium	90-1	0.45	0.51	0.49	0.48	6.13	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:40:12	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.37	0.52	0.42	0.44	17.31	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:43:33	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	525.35	519.39	465.06	503.27	6.60	ppb
Antimony	121-1	200.65	205.53	202.86	203.02	1.20	ppb
Arsenic	75-2	192.39	194.36	191.47	192.74	0.77	ppb
Barium	135-1	96.68	99.58	99.39	98.55	1.64	ppb
Barium	137-1	99.42	100.47	101.02	100.30	0.81	ppb
Beryllium	9-1	93.87	92.88	95.01	93.92	1.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	473.31	478.62	496.60	482.84	2.53	ppb
Boron	10-1	459.73	483.46	495.01	479.40	3.75	ppb
Cadmium	106-1	158.27	155.50	161.86	158.55	2.01	ppb
Cadmium	108-1	133.30	135.03	132.71	133.68	0.90	ppb
Cadmium	111-1	104.03	103.92	106.31	104.75	1.28	ppb
Calcium	43-1	2103.43	2106.27	2121.55	2110.42	0.46	ppb
Calcium	44-1	2042.29	2095.33	2092.73	2076.78	1.44	ppb
Chromium	52-2	97.23	95.46	94.01	95.57	1.68	ppb
Cobalt	59-2	99.50	97.44	96.95	97.96	1.38	ppb
Copper	63-2	99.91	98.24	97.37	98.51	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1009.85	991.55	986.54	995.98	1.23	ppb
Iron	57-2	1013.15	995.06	971.39	993.20	2.11	ppb
Lead	206-1	192.43	195.82	200.01	196.09	1.94	ppb
Lead	207-1	182.77	184.94	188.21	185.31	1.48	ppb
Lead	208-1	189.67	194.49	197.18	193.78	1.96	ppb
Lithium	6-1						%
Magnesium	24-2	1239.07	1201.22	1197.13	1212.48	1.91	ppb
Manganese	55-2	99.36	100.41	98.69	99.49	0.87	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:43:33	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	491.15	500.41	483.23	491.59	1.75	ppb
Molybdenum	94-1	489.53	490.80	495.53	491.96	0.64	ppb
Molybdenum	95-1	498.21	495.45	492.22	495.29	0.60	ppb
Molybdenum	96-1	492.59	501.25	497.13	496.99	0.87	ppb
Molybdenum	97-1	489.44	487.86	493.49	490.26	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.77	98.10	99.92	99.93	1.84	ppb
Phosphorus	31-2	17.51	-18.33	-0.66	-0.49		ppb
Potassium	39-2	1977.31	1935.21	1988.75	1967.09	1.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	258.42	208.25	174.93	213.87	19.65	ppb
Selenium	78-2	240.10	187.09	180.36	202.52	16.16	ppb
Selenium	82-1	198.17	202.13	198.13	199.48	1.15	ppb
Silicon	28-1	500.37	508.92	514.66	507.98	1.42	ppb
Silver	109-1	101.76	101.61	102.75	102.04	0.60	ppb
Silver	107-1	101.81	103.23	104.03	103.02	1.09	ppb
Sodium	23-2	2123.88	2107.15	2083.39	2104.81	0.97	ppb
Strontium	86-1	500.16	507.81	507.28	505.08	0.85	ppb
Strontium	88-1	493.79	503.47	499.62	498.96	0.98	ppb
Sulfur	34-1	-558.17	-258.47	-216.68	-344.44		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	194.63	196.79	202.69	198.03	2.11	ppb
Thallium	205-1	199.72	203.92	207.46	203.70	1.90	ppb
Tin	118-1	519.36	527.18	527.66	524.73	0.89	ppb
Titanium	47-1	487.00	498.98	501.48	495.82	1.56	ppb
Uranium	238-1	503.16	515.28	520.39	512.94	1.73	ppb
Vanadium	51-2	96.44	93.31	96.11	95.29	1.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	200.05	198.88	197.39	198.77	0.67	ppb
Zirconium	90-1	482.26	494.87	488.59	488.57	1.29	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:43:33	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.36	492.04	496.09	491.16	1.10	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 13:46:38 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.36	4.03	1.31	1.33	202.92	ppb
Antimony	121-1	0.17	0.18	0.16	0.17	6.38	ppb
Arsenic	75-2	-0.05	-0.03	-0.09	-0.06		ppb
Barium	135-1	0.00	0.01	-0.03	-0.01		ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.00	0.11	0.08	0.06	86.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	22.44	20.95	21.22	21.54	3.68	ppb
Boron	10-1	20.45	19.00	18.12	19.19	6.12	ppb
Cadmium	106-1	-0.95	-0.78	0.17	-0.52		ppb
Cadmium	108-1	0.04	-0.05	-0.05	-0.02		ppb
Cadmium	111-1	-0.08	-0.06	0.01	-0.04		ppb
Calcium	43-1	-0.94	-8.65	-5.94	-5.18		ppb
Calcium	44-1	2.24	1.17	-1.91	0.50	428.21	ppb
Chromium	52-2	-0.09	-0.01	-0.16	-0.08		ppb
Cobalt	59-2	0.00	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.04	0.02	0.02	0.03	25.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.94	1.16	1.09	1.07	10.48	ppb
Iron	57-2	1.61	1.78	1.03	1.47	26.53	ppb
Lead	206-1	0.04	0.07	0.06	0.06	24.10	ppb
Lead	207-1	0.03	0.07	0.06	0.05	37.81	ppb
Lead	208-1	0.05	0.06	0.06	0.06	13.65	ppb
Lithium	6-1						%
Magnesium	24-2	3.16	0.98	3.91	2.68	56.74	ppb
Manganese	55-2	-0.13	-0.02	-0.04	-0.06		ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:46:38	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.05	0.04	0.04	10.81	ppb
Molybdenum	94-1	0.05	0.03	0.03	0.04	28.36	ppb
Molybdenum	95-1	0.03	0.03	0.01	0.02	58.92	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	35.70	ppb
Molybdenum	97-1	0.03	0.02	0.00	0.02	96.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.13	-0.07		ppb
Phosphorus	31-2	16.79	-0.04	-0.19	5.52	176.81	ppb
Potassium	39-2	9.36	26.11	22.54	19.34	45.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.27	0.41	-0.93	-0.26		ppb
Selenium	82-1	-0.09	0.41	0.28	0.20	129.93	ppb
Silicon	28-1	-5.38	-6.25	-5.50	-5.71		ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.26	ppb
Silver	107-1	0.01	0.02	0.01	0.01	18.51	ppb
Sodium	23-2	85.67	90.09	77.70	84.49	7.43	ppb
Strontium	86-1	0.03	0.00	-0.01	0.01	424.21	ppb
Strontium	88-1	0.02	0.01	0.00	0.01	83.36	ppb
Sulfur	34-1	-657.82	-760.86	-738.30	-719.00		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.07	0.05	0.07	30.28	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	4.46	ppb
Tin	118-1	0.11	0.08	0.07	0.09	20.60	ppb
Titanium	47-1	0.03	-0.01	0.04	0.02	147.45	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	721.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.01	0.03	-0.04	-0.01		ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	35.57	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:46:38	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.02	0.02	62.15	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 13:49:46 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91683.29	89319.28	90352.09	90451.55	1.31	ppb
Antimony	121-1	1.17	1.23	1.28	1.23	4.30	ppb
Arsenic	75-2	0.22	0.20	0.34	0.25	30.89	ppb
Barium	135-1	1.47	1.51	1.39	1.46	4.37	ppb
Barium	137-1	1.51	1.56	1.43	1.50	4.58	ppb
Beryllium	9-1	0.26	0.37	0.26	0.30	21.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	16.02	16.74	14.52	15.76	7.16	ppb
Boron	10-1	15.62	14.00	13.73	14.45	7.07	ppb
Cadmium	106-1	-0.96	-0.37	-0.56	-0.63		ppb
Cadmium	108-1	6.50	6.63	6.52	6.55	1.09	ppb
Cadmium	111-1	0.18	0.20	0.20	0.20	5.44	ppb
Calcium	43-1	97163.73	99205.11	97189.89	97852.91	1.20	ppb
Calcium	44-1	96446.61	98747.82	96517.11	97237.18	1.35	ppb
Chromium	52-2	19.92	19.36	19.68	19.65	1.42	ppb
Cobalt	59-2	1.13	1.14	1.15	1.14	0.93	ppb
Copper	63-2	8.22	8.16	7.89	8.09	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99868.76	98025.73	97903.15	98599.21	1.12	ppb
Iron	57-2	103518.80	99083.95	99903.82	100835.52	2.34	ppb
Lead	206-1	4.56	4.87	4.65	4.69	3.43	ppb
Lead	207-1	3.91	4.13	4.12	4.05	3.08	ppb
Lead	208-1	4.16	4.41	4.31	4.29	2.91	ppb
Lithium	6-1						%
Magnesium	24-2	100100.99	100390.46	99397.37	99962.94	0.51	ppb
Manganese	55-2	8.14	7.24	7.82	7.73	5.94	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:49:46	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1866.09	1892.18	1883.04	1880.44	0.70	ppb
Molybdenum	94-1	571.11	587.71	567.47	575.43	1.88	ppb
Molybdenum	95-1	1865.30	1889.84	1861.02	1872.05	0.83	ppb
Molybdenum	96-1	1547.87	1567.53	1564.57	1559.99	0.68	ppb
Molybdenum	97-1	1865.84	1900.24	1843.36	1869.81	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.32	5.31	5.28	5.31	0.38	ppb
Phosphorus	31-2	98039.28	96707.06	95935.81	96894.05	1.10	ppb
Potassium	39-2	101838.45	99471.13	99823.73	100377.77	1.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	4.25	0.00	1.42	173.21	ppb
Selenium	78-2	0.47	2.57	1.16	1.40	76.54	ppb
Selenium	82-1	0.63	0.81	0.14	0.52	66.52	ppb
Silicon	28-1	26.86	27.31	26.11	26.76	2.26	ppb
Silver	109-1	0.16	0.22	0.23	0.20	18.41	ppb
Silver	107-1	0.17	0.18	0.23	0.19	15.00	ppb
Sodium	23-2	100436.88	99372.04	97744.96	99184.62	1.37	ppb
Strontium	86-1	32.35	32.50	33.16	32.67	1.31	ppb
Strontium	88-1	33.19	33.48	33.61	33.42	0.64	ppb
Sulfur	34-1	79062.39	80979.17	78678.52	79573.36	1.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.17	0.16	0.16	13.02	ppb
Thallium	205-1	0.14	0.14	0.13	0.14	6.67	ppb
Tin	118-1	0.21	0.23	0.22	0.22	5.59	ppb
Titanium	47-1	1929.18	1958.16	1949.94	1945.76	0.77	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.12	0.15	0.11	0.13	14.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.49	11.08	12.38	11.99	6.52	ppb
Zirconium	90-1	0.10	0.10	0.09	0.10	5.98	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:49:46	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.08	0.08	6.35	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:52:52	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89872.74	90726.68	93704.96	91434.79	2.20	ppb
Antimony	121-1	20.81	20.84	21.25	20.97	1.18	ppb
Arsenic	75-2	19.88	18.72	19.08	19.23	3.07	ppb
Barium	135-1	21.64	21.40	21.80	21.61	0.92	ppb
Barium	137-1	21.88	21.91	21.90	21.89	0.07	ppb
Beryllium	9-1	19.31	19.84	20.03	19.72	1.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	64.08	66.34	62.13	64.18	3.28	ppb
Boron	10-1	62.09	64.78	64.56	63.81	2.35	ppb
Cadmium	106-1	22.68	21.67	22.89	22.42	2.92	ppb
Cadmium	108-1	28.16	28.86	27.28	28.10	2.81	ppb
Cadmium	111-1	20.46	19.98	20.13	20.19	1.22	ppb
Calcium	43-1	97399.63	97445.09	97502.44	97449.05	0.05	ppb
Calcium	44-1	95041.06	96786.00	97848.91	96558.65	1.47	ppb
Chromium	52-2	38.57	38.58	40.75	39.30	3.19	ppb
Cobalt	59-2	20.74	20.96	21.49	21.06	1.81	ppb
Copper	63-2	27.30	27.96	28.49	27.92	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98547.16	98408.27	102337.96	99764.46	2.24	ppb
Iron	57-2	100073.64	102075.56	103209.25	101786.15	1.56	ppb
Lead	206-1	25.16	25.15	25.15	25.15	0.02	ppb
Lead	207-1	22.52	22.90	22.67	22.70	0.84	ppb
Lead	208-1	23.67	23.69	23.75	23.70	0.19	ppb
Lithium	6-1						%
Magnesium	24-2	98474.82	99660.80	102305.55	100147.06	1.96	ppb
Manganese	55-2	28.03	28.30	29.11	28.48	1.97	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:52:52	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1941.67	1941.42	1924.13	1935.74	0.52	ppb
Molybdenum	94-1	631.11	627.56	625.64	628.10	0.44	ppb
Molybdenum	95-1	1941.97	1915.67	1931.33	1929.65	0.69	ppb
Molybdenum	96-1	1629.46	1612.39	1607.02	1616.29	0.72	ppb
Molybdenum	97-1	1956.27	1939.74	1912.80	1936.27	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.57	25.06	25.41	25.01	1.69	ppb
Phosphorus	31-2	95812.02	100003.54	99596.16	98470.58	2.35	ppb
Potassium	39-2	99544.02	99331.36	103402.26	100759.22	2.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.82	16.97	21.35	17.05	25.03	ppb
Selenium	78-2	18.04	14.42	19.43	17.30	14.95	ppb
Selenium	82-1	19.83	19.50	19.79	19.71	0.92	ppb
Silicon	28-1	88.51	92.67	89.67	90.28	2.38	ppb
Silver	109-1	19.19	19.29	19.04	19.17	0.68	ppb
Silver	107-1	19.33	19.58	19.41	19.44	0.64	ppb
Sodium	23-2	97104.06	98561.55	102702.60	99456.07	2.92	ppb
Strontium	86-1	84.85	84.88	84.03	84.59	0.57	ppb
Strontium	88-1	88.03	87.40	86.61	87.35	0.82	ppb
Sulfur	34-1	78110.84	78264.11	80108.85	78827.93	1.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.18	20.22	20.37	20.26	0.48	ppb
Thallium	205-1	20.59	20.19	20.63	20.47	1.19	ppb
Tin	118-1	53.75	53.60	53.89	53.75	0.27	ppb
Titanium	47-1	1972.80	2003.03	2035.26	2003.69	1.56	ppb
Uranium	238-1	51.71	51.91	51.66	51.76	0.26	ppb
Vanadium	51-2	19.10	19.39	20.43	19.64	3.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.79	33.22	33.20	32.40	4.30	ppb
Zirconium	90-1	52.32	52.41	52.08	52.27	0.32	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:52:52	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.78	51.41	51.66	51.62	0.36	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:55:56	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51392.20	51125.00	50524.02	51013.74	0.87	ppb
Antimony	121-1	506.92	509.36	510.36	508.88	0.35	ppb
Arsenic	75-2	503.61	495.11	503.41	500.71	0.97	ppb
Barium	135-1	2536.49	2564.70	2565.25	2555.48	0.64	ppb
Barium	137-1	2526.60	2573.69	2537.18	2545.82	0.97	ppb
Beryllium	9-1	518.20	505.74	509.62	511.19	1.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	520.96	517.40	527.67	522.01	1.00	ppb
Boron	10-1	521.88	519.67	525.32	522.29	0.55	ppb
Cadmium	106-1	496.18	496.19	503.43	498.60	0.84	ppb
Cadmium	108-1	505.30	502.96	496.49	501.58	0.91	ppb
Cadmium	111-1	497.43	493.61	496.57	495.87	0.40	ppb
Calcium	43-1	245467.03	244546.63	245693.20	245235.62	0.25	ppb
Calcium	44-1	246005.04	245792.84	248553.32	246783.73	0.62	ppb
Chromium	52-2	509.53	505.11	501.33	505.32	0.81	ppb
Cobalt	59-2	491.29	487.84	486.52	488.55	0.50	ppb
Copper	63-2	985.23	994.17	974.31	984.57	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	125461.09	124397.26	123807.22	124555.19	0.67	ppb
Iron	57-2	128001.96	125988.25	126031.31	126673.84	0.91	ppb
Lead	206-1	516.99	515.77	524.24	519.00	0.88	ppb
Lead	207-1	527.08	522.72	510.23	520.01	1.68	ppb
Lead	208-1	518.35	518.78	514.78	517.30	0.42	ppb
Lithium	6-1						%
Magnesium	24-2	253515.93	254574.11	253012.97	253701.00	0.31	ppb
Manganese	55-2	1025.08	1019.83	1011.82	1018.91	0.66	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:55:56	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	515.50	512.62	515.54	514.55	0.33	ppb
Molybdenum	94-1	513.72	512.78	512.52	513.01	0.12	ppb
Molybdenum	95-1	518.82	514.53	517.28	516.88	0.42	ppb
Molybdenum	96-1	510.33	519.83	517.29	515.82	0.95	ppb
Molybdenum	97-1	506.29	514.84	514.32	511.82	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.03	488.89	487.56	490.83	0.93	ppb
Phosphorus	31-2	9797.89	10387.66	10420.30	10201.95	3.43	ppb
Potassium	39-2	127587.82	126361.32	128051.05	127333.40	0.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	491.98	454.73	632.14	526.28	17.77	ppb
Selenium	78-2	533.60	515.67	540.19	529.82	2.40	ppb
Selenium	82-1	502.97	509.00	502.42	504.80	0.72	ppb
Silicon	28-1	518.74	512.08	528.04	519.62	1.54	ppb
Silver	109-1	503.62	504.53	500.72	502.96	0.40	ppb
Silver	107-1	507.40	507.83	503.12	506.12	0.51	ppb
Sodium	23-2	253399.30	252833.32	250144.81	252125.81	0.69	ppb
Strontium	86-1	530.36	528.58	530.13	529.69	0.18	ppb
Strontium	88-1	527.29	528.25	528.33	527.96	0.11	ppb
Sulfur	34-1	9277.44	9550.24	9831.61	9553.09	2.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	526.94	518.57	518.74	521.42	0.92	ppb
Thallium	205-1	515.18	513.59	503.43	510.73	1.25	ppb
Tin	118-1	514.54	508.49	515.21	512.74	0.72	ppb
Titanium	47-1	503.09	507.05	505.28	505.14	0.39	ppb
Uranium	238-1	518.27	517.32	512.14	515.91	0.64	ppb
Vanadium	51-2	508.33	501.73	503.32	504.46	0.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1020.03	1017.85	1013.43	1017.10	0.33	ppb
Zirconium	90-1	512.93	513.37	514.18	513.49	0.12	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:55:56	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	515.00	516.00	515.50	515.50	0.10	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:58:56	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	5.33	1.26	2.18	128.10	ppb
Antimony	121-1	0.22	0.23	0.23	0.23	2.56	ppb
Arsenic	75-2	0.02	-0.08	-0.06	-0.04		ppb
Barium	135-1	0.15	0.20	0.18	0.17	16.12	ppb
Barium	137-1	0.15	0.16	0.17	0.16	6.09	ppb
Beryllium	9-1	0.07	0.05	0.12	0.08	47.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	16.78	13.91	14.23	14.97	10.50	ppb
Boron	10-1	17.02	14.20	13.42	14.88	12.73	ppb
Cadmium	106-1	-0.47	0.01	-0.16	-0.21		ppb
Cadmium	108-1	-0.05	0.14	-0.07	0.01	1786.23	ppb
Cadmium	111-1	0.02	0.04	0.04	0.03	36.17	ppb
Calcium	43-1	31.16	13.90	11.51	18.85	56.88	ppb
Calcium	44-1	29.16	24.60	29.65	27.80	10.03	ppb
Chromium	52-2	-0.03	0.02	-0.02	-0.01		ppb
Cobalt	59-2	0.03	0.00	-0.02	0.00	1174.88	ppb
Copper	63-2	0.19	0.17	0.11	0.16	26.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10.25	12.46	4.03	8.91	49.07	ppb
Iron	57-2	14.07	13.51	5.16	10.91	45.75	ppb
Lead	206-1	0.05	0.07	0.04	0.06	24.68	ppb
Lead	207-1	0.06	0.05	0.05	0.05	15.24	ppb
Lead	208-1	0.07	0.07	0.06	0.06	5.80	ppb
Lithium	6-1						%
Magnesium	24-2	15.84	25.43	6.14	15.80	61.03	ppb
Manganese	55-2	0.08	0.08	-0.03	0.04	143.64	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:58:56	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.11	0.12	0.12	0.12	4.30	ppb
Molybdenum	94-1	0.10	0.09	0.09	0.09	7.41	ppb
Molybdenum	95-1	0.13	0.13	0.13	0.13	2.14	ppb
Molybdenum	96-1	0.13	0.12	0.09	0.11	19.70	ppb
Molybdenum	97-1	0.06	0.12	0.06	0.08	45.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.05	0.01	0.01	276.97	ppb
Phosphorus	31-2	-18.33	-0.19	-0.55	-6.36		ppb
Potassium	39-2	50.41	55.76	23.68	43.28	39.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	4.15	0.00	1.38	173.21	ppb
Selenium	78-2	1.09	0.44	0.42	0.65	59.02	ppb
Selenium	82-1	0.72	0.57	0.71	0.67	12.57	ppb
Silicon	28-1	-5.81	-10.55	-3.42	-6.59		ppb
Silver	109-1	0.07	0.07	0.08	0.08	4.08	ppb
Silver	107-1	0.08	0.07	0.07	0.07	7.30	ppb
Sodium	23-2	131.50	126.21	108.50	122.07	9.87	ppb
Strontium	86-1	-0.01	0.02	0.04	0.01	160.40	ppb
Strontium	88-1	0.03	0.04	0.04	0.04	14.78	ppb
Sulfur	34-1	-643.59	-1239.90	-348.43	-743.97		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.13	0.13	0.13	3.17	ppb
Thallium	205-1	0.11	0.09	0.10	0.10	10.64	ppb
Tin	118-1	0.16	0.13	0.08	0.12	31.19	ppb
Titanium	47-1	0.07	0.10	0.05	0.07	30.89	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	89.74	ppb
Vanadium	51-2	0.04	0.04	-0.02	0.02	152.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.02	0.05	0.22	0.10	112.05	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	0.91	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:58:56	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.07	0.06	18.99	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 14:02:38	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.81	14.32	15.48	20.54	47.63	ppb
Antimony	121-1	1.97	1.98	1.95	1.97	0.77	ppb
Arsenic	75-2	0.75	1.04	0.85	0.88	16.81	ppb
Barium	135-1	8.87	8.90	9.06	8.94	1.18	ppb
Barium	137-1	9.21	9.12	9.01	9.11	1.11	ppb
Beryllium	9-1	0.85	1.03	0.92	0.94	9.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	27.28	28.61	26.76	27.55	3.46	ppb
Boron	10-1	26.48	29.88	26.87	27.75	6.71	ppb
Cadmium	106-1	0.77	0.27	0.52	0.52	48.70	ppb
Cadmium	108-1	0.83	1.12	0.74	0.89	22.21	ppb
Cadmium	111-1	0.98	0.87	0.90	0.92	5.81	ppb
Calcium	43-1	425.10	438.69	426.24	430.01	1.75	ppb
Calcium	44-1	441.53	444.32	444.90	443.58	0.41	ppb
Chromium	52-2	2.05	1.92	1.76	1.91	7.76	ppb
Cobalt	59-2	0.88	0.86	0.89	0.88	1.44	ppb
Copper	63-2	2.19	2.10	2.21	2.17	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.75	45.86	45.20	45.94	1.70	ppb
Iron	57-2	47.69	49.02	50.64	49.12	3.01	ppb
Lead	206-1	1.01	1.04	0.99	1.01	2.57	ppb
Lead	207-1	1.02	1.02	0.98	1.01	2.44	ppb
Lead	208-1	1.04	1.01	1.00	1.01	2.20	ppb
Lithium	6-1						%
Magnesium	24-2	463.79	467.48	452.69	461.32	1.67	ppb
Manganese	55-2	0.90	0.87	0.98	0.92	5.82	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 14:02:38	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.29	4.35	4.27	4.30	0.98	ppb
Molybdenum	94-1	1.95	1.93	1.96	1.95	0.88	ppb
Molybdenum	95-1	4.22	4.26	3.98	4.15	3.62	ppb
Molybdenum	96-1	3.78	3.75	3.75	3.76	0.44	ppb
Molybdenum	97-1	4.35	4.36	4.28	4.33	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.84	0.95	0.88	7.44	ppb
Phosphorus	31-2	-18.33	-18.33	-18.33	-18.33		ppb
Potassium	39-2	499.63	479.33	473.06	484.01	2.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	16.34	4.12	12.34	10.93	56.99	ppb
Selenium	78-2	1.09	4.49	4.48	3.35	58.51	ppb
Selenium	82-1	5.37	4.89	4.75	5.00	6.55	ppb
Silicon	28-1	3.03	3.54	4.58	3.72	21.31	ppb
Silver	109-1	1.29	1.28	1.32	1.30	1.73	ppb
Silver	107-1	1.32	1.30	1.32	1.31	0.90	ppb
Sodium	23-2	549.80	511.70	512.40	524.63	4.16	ppb
Strontium	86-1	1.00	0.88	0.91	0.93	6.58	ppb
Strontium	88-1	0.92	0.90	0.91	0.91	1.34	ppb
Sulfur	34-1	-725.98	-629.99	-762.84	-706.27		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.92	0.99	0.89	0.93	5.70	ppb
Thallium	205-1	0.92	0.97	0.91	0.93	3.70	ppb
Tin	118-1	4.71	4.68	4.63	4.67	0.83	ppb
Titanium	47-1	4.24	4.36	4.25	4.28	1.62	ppb
Uranium	238-1	0.84	0.82	0.83	0.83	1.15	ppb
Vanadium	51-2	4.73	4.46	4.46	4.55	3.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.17	1.50	1.92	1.86	17.99	ppb
Zirconium	90-1	0.89	0.89	0.91	0.90	1.22	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 14:02:38	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	0.78	0.85	0.87	11.38	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:00:29	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51667.38	51154.31	51912.44	51578.04	0.75	ppb
Antimony	121-1	511.60	505.86	504.34	507.27	0.76	ppb
Arsenic	75-2	495.46	495.79	499.15	496.80	0.41	ppb
Barium	135-1	2570.54	2552.23	2522.02	2548.26	0.96	ppb
Barium	137-1	2568.07	2524.94	2504.03	2532.35	1.29	ppb
Beryllium	9-1	522.47	523.28	524.09	523.28	0.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	516.09	518.51	530.30	521.63	1.46	ppb
Boron	10-1	513.09	524.80	522.69	520.19	1.20	ppb
Cadmium	106-1	501.76	504.35	503.89	503.33	0.28	ppb
Cadmium	108-1	508.47	503.21	505.08	505.59	0.53	ppb
Cadmium	111-1	502.02	497.68	496.20	498.63	0.61	ppb
Calcium	43-1	244224.12	244841.21	244710.66	244592.00	0.13	ppb
Calcium	44-1	244947.72	246131.37	243750.04	244943.04	0.49	ppb
Chromium	52-2	509.00	503.51	504.72	505.74	0.57	ppb
Cobalt	59-2	498.76	485.39	490.49	491.55	1.37	ppb
Copper	63-2	987.17	977.59	980.87	981.88	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	125216.04	123295.82	123524.09	124011.98	0.85	ppb
Iron	57-2	128317.88	125693.45	125516.13	126509.15	1.24	ppb
Lead	206-1	527.22	519.01	514.58	520.27	1.23	ppb
Lead	207-1	517.85	512.95	514.58	515.12	0.48	ppb
Lead	208-1	521.51	514.16	514.20	516.62	0.82	ppb
Lithium	6-1						%
Magnesium	24-2	255649.15	248979.38	251850.77	252159.77	1.33	ppb
Manganese	55-2	1029.71	1022.73	1025.26	1025.90	0.34	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:00:29	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	516.65	512.07	516.40	515.04	0.50	ppb
Molybdenum	94-1	518.16	511.58	519.68	516.48	0.83	ppb
Molybdenum	95-1	519.25	510.62	514.56	514.81	0.84	ppb
Molybdenum	96-1	516.89	508.96	517.07	514.31	0.90	ppb
Molybdenum	97-1	510.59	508.51	515.53	511.54	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.59	491.13	492.12	494.61	1.05	ppb
Phosphorus	31-2	10013.50	10644.28	10788.63	10482.14	3.93	ppb
Potassium	39-2	130028.45	128489.13	128471.96	128996.51	0.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	547.48	451.06	598.82	532.45	14.09	ppb
Selenium	78-2	514.70	514.84	500.40	509.98	1.63	ppb
Selenium	82-1	508.68	504.63	507.10	506.80	0.40	ppb
Silicon	28-1	554.99	561.75	569.04	561.92	1.25	ppb
Silver	109-1	509.66	501.77	504.81	505.41	0.79	ppb
Silver	107-1	510.20	502.80	503.46	505.49	0.81	ppb
Sodium	23-2	255683.78	250810.45	252728.67	253074.30	0.97	ppb
Strontium	86-1	538.33	530.20	529.36	532.63	0.93	ppb
Strontium	88-1	531.36	527.78	526.66	528.60	0.46	ppb
Sulfur	34-1	10604.15	10997.04	10535.93	10712.37	2.32	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	513.22	514.89	522.23	516.78	0.93	ppb
Thallium	205-1	515.09	509.85	511.92	512.28	0.51	ppb
Tin	118-1	513.93	514.29	508.75	512.32	0.61	ppb
Titanium	47-1	508.64	512.34	509.13	510.04	0.39	ppb
Uranium	238-1	516.24	520.96	512.45	516.55	0.83	ppb
Vanadium	51-2	511.62	509.73	505.43	508.93	0.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1018.88	1008.32	1010.22	1012.47	0.56	ppb
Zirconium	90-1	518.10	504.90	510.96	511.32	1.29	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:00:29	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.57	515.13	517.08	514.93	0.44	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:03:28	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.36	-0.07	2.61	0.39	516.67	ppb
Antimony	121-1	0.26	0.29	0.25	0.27	8.17	ppb
Arsenic	75-2	-0.08	-0.06	-0.06	-0.07		ppb
Barium	135-1	0.05	0.04	-0.02	0.02	189.21	ppb
Barium	137-1	0.03	0.01	-0.03	0.00	1099.42	ppb
Beryllium	9-1	0.06	0.02	0.06	0.05	48.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.24	8.52	7.66	8.47	9.33	ppb
Boron	10-1	9.76	8.81	8.20	8.93	8.81	ppb
Cadmium	106-1	-0.35	-0.70	-0.69	-0.58		ppb
Cadmium	108-1	-0.07	0.00	-0.10	-0.06		ppb
Cadmium	111-1	-0.02	-0.05	-0.04	-0.04		ppb
Calcium	43-1	10.40	-3.16	1.69	2.97	230.87	ppb
Calcium	44-1	5.31	5.33	-3.11	2.51	194.01	ppb
Chromium	52-2	-0.15	0.04	-0.19	-0.10		ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	-0.02	0.00	0.01	-0.01		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.47	0.44	0.87	0.59	40.42	ppb
Iron	57-2	3.34	1.59	1.35	2.09	51.94	ppb
Lead	206-1	0.03	0.01	0.05	0.03	70.89	ppb
Lead	207-1	0.03	0.01	0.00	0.01	128.50	ppb
Lead	208-1	0.03	0.02	0.02	0.02	23.56	ppb
Lithium	6-1						%
Magnesium	24-2	2.65	1.84	-0.96	1.17	161.18	ppb
Manganese	55-2	-0.09	-0.13	-0.04	-0.09		ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:03:28	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.04	0.04	0.01	0.03	53.96	ppb
Molybdenum	94-1	0.05	0.05	0.02	0.04	37.39	ppb
Molybdenum	95-1	0.03	0.03	0.00	0.02	87.63	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	10.88	ppb
Molybdenum	97-1	0.01	0.04	0.00	0.02	128.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.08	-0.04	-0.08		ppb
Phosphorus	31-2	-18.33	16.67	-18.33	-6.66		ppb
Potassium	39-2	13.96	25.27	32.75	23.99	39.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.04	0.00	0.00	1.35	173.21	ppb
Selenium	78-2	0.40	-0.26	3.11	1.08	164.96	ppb
Selenium	82-1	0.24	0.64	0.32	0.40	52.97	ppb
Silicon	28-1	-3.47	-5.25	-6.35	-5.03		ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.21	ppb
Silver	107-1	0.02	0.02	0.01	0.02	40.79	ppb
Sodium	23-2	63.33	61.18	67.46	63.99	4.99	ppb
Strontium	86-1	0.01	0.07	0.01	0.03	109.96	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	50.08	ppb
Sulfur	34-1	-486.65	-801.78	-609.35	-632.59		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.12	0.10	0.12	12.31	ppb
Thallium	205-1	0.13	0.12	0.09	0.11	21.41	ppb
Tin	118-1	0.11	0.11	0.07	0.09	23.44	ppb
Titanium	47-1	0.03	0.00	0.03	0.02	112.66	ppb
Uranium	238-1	-0.03	-0.02	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	0.00	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.03	-0.20	-0.13	-0.12		ppb
Zirconium	90-1	0.06	0.06	0.03	0.05	32.14	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:03:28	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.04	0.04	9.89	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BL	Instrumnet Name :	P8
Client Sample ID :	PB101634BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:06:37	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	1.28	1.27	0.84	90.13	ppb
Antimony	121-1	0.07	0.06	0.08	0.07	16.47	ppb
Arsenic	75-2	-0.11	-0.09	-0.08	-0.09		ppb
Barium	135-1	-0.02	-0.03	0.00	-0.02		ppb
Barium	137-1	-0.04	-0.02	-0.04	-0.03		ppb
Beryllium	9-1	-0.01	-0.02	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	3.25	3.31	3.61	3.39	5.64	ppb
Boron	10-1	4.08	1.78	3.07	2.98	38.74	ppb
Cadmium	106-1	-0.30	-0.46	-0.31	-0.36		ppb
Cadmium	108-1	-0.02	-0.10	-0.07	-0.07		ppb
Cadmium	111-1	-0.04	-0.05	-0.03	-0.04		ppb
Calcium	43-1	9.27	-3.05	12.27	6.16	131.75	ppb
Calcium	44-1	-4.41	-2.47	-3.99	-3.63		ppb
Chromium	52-2	-0.17	-0.03	-0.14	-0.12		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.00	-0.04	-0.01	-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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.47	0.29	0.32	0.36	26.77	ppb
Iron	57-2	0.65	-0.06	3.79	1.46	140.49	ppb
Lead	206-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	207-1	-0.03	0.00	-0.01	-0.01		ppb
Lead	208-1	-0.02	0.00	-0.01	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	2.52	0.63	-0.18	0.99	139.30	ppb
Manganese	55-2	-0.04	-0.06	-0.12	-0.07		ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BL	Instrumnet Name :	P8
Client Sample ID :	PB101634BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:06:37	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.01	0.00	0.01	0.01	69.61	ppb
Molybdenum	95-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.04	-0.04	-0.04	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.06	-0.04	-0.05		ppb
Phosphorus	31-2	-18.33	-0.39	-0.47	-6.40		ppb
Potassium	39-2	13.67	25.13	3.63	14.15	76.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.42	0.43	-0.25	0.20	198.91	ppb
Selenium	82-1	-0.30	-0.02	0.20	-0.04		ppb
Silicon	28-1	-6.57	-8.04	-7.70	-7.43		ppb
Silver	109-1	0.01	0.01	0.00	0.01	47.05	ppb
Silver	107-1	0.00	0.00	0.01	0.00	79.02	ppb
Sodium	23-2	44.61	41.69	41.86	42.72	3.83	ppb
Strontium	86-1	0.01	0.03	-0.02	0.01	352.55	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-516.17	-607.02	-564.71	-562.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.02	0.03	10.36	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	32.45	ppb
Tin	118-1	0.01	0.05	0.02	0.03	70.74	ppb
Titanium	47-1	0.00	0.00	-0.03	-0.01		ppb
Uranium	238-1	-0.03	-0.03	-0.04	-0.03		ppb
Vanadium	51-2	0.00	-0.02	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.02	-0.17	-0.13	-0.11		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	18.48	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BL	Instrumnet Name :	P8
Client Sample ID :	PB101634BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:06:37	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.02	32.82	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BS	Instrumnet Name :	P8
Client Sample ID :	PB101634BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:09:45	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10024.49	9689.96	10101.46	9938.64	2.20	ppb
Antimony	121-1	507.26	513.93	502.20	507.79	1.16	ppb
Arsenic	75-2	499.12	488.56	490.58	492.75	1.14	ppb
Barium	135-1	2523.27	2557.13	2465.34	2515.25	1.85	ppb
Barium	137-1	2495.32	2533.29	2481.96	2503.52	1.06	ppb
Beryllium	9-1	491.82	492.76	496.71	493.76	0.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	470.79	481.70	492.19	481.56	2.22	ppb
Boron	10-1	457.45	485.54	494.82	479.27	4.06	ppb
Cadmium	106-1	502.21	512.90	502.41	505.84	1.21	ppb
Cadmium	108-1	515.72	514.56	507.60	512.63	0.86	ppb
Cadmium	111-1	509.16	505.76	499.95	504.96	0.92	ppb
Calcium	43-1	48526.36	47402.60	49132.71	48353.89	1.82	ppb
Calcium	44-1	48625.33	48091.47	48835.40	48517.40	0.79	ppb
Chromium	52-2	496.76	492.18	500.40	496.45	0.83	ppb
Cobalt	59-2	498.75	487.09	497.96	494.60	1.32	ppb
Copper	63-2	997.51	989.95	1007.15	998.20	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25789.52	25488.22	25738.12	25671.95	0.63	ppb
Iron	57-2	26012.73	25292.02	25962.11	25755.62	1.56	ppb
Lead	206-1	496.91	499.38	507.01	501.10	1.05	ppb
Lead	207-1	496.24	503.06	500.72	500.01	0.69	ppb
Lead	208-1	498.89	497.68	503.12	499.90	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	52353.09	51651.13	51612.33	51872.18	0.80	ppb
Manganese	55-2	1022.91	1002.14	1023.46	1016.17	1.20	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BS	Instrumnet Name :	P8
Client Sample ID :	PB101634BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:09:45	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	494.84	497.74	494.12	495.57	0.39	ppb
Molybdenum	94-1	498.08	496.65	494.95	496.56	0.32	ppb
Molybdenum	95-1	490.31	500.21	498.86	496.46	1.08	ppb
Molybdenum	96-1	502.77	497.12	493.13	497.67	0.97	ppb
Molybdenum	97-1	499.07	490.13	485.43	491.54	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.12	497.01	505.41	501.52	0.84	ppb
Phosphorus	31-2	10594.82	10171.74	9339.64	10035.40	6.36	ppb
Potassium	39-2	25446.13	24789.47	25301.46	25179.02	1.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	596.00	479.71	542.90	539.54	10.79	ppb
Selenium	78-2	539.47	467.01	488.07	498.19	7.48	ppb
Selenium	82-1	502.58	499.56	493.01	498.38	0.98	ppb
Silicon	28-1	555.60	551.92	577.43	561.65	2.45	ppb
Silver	109-1	521.75	517.48	505.99	515.07	1.58	ppb
Silver	107-1	510.73	518.69	508.01	512.48	1.08	ppb
Sodium	23-2	51027.32	50640.43	51564.01	51077.26	0.91	ppb
Strontium	86-1	497.62	496.49	494.99	496.37	0.27	ppb
Strontium	88-1	495.82	500.28	493.78	496.63	0.67	ppb
Sulfur	34-1	9801.18	9356.38	9942.47	9700.01	3.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	500.83	499.19	499.99	500.01	0.16	ppb
Thallium	205-1	488.79	489.54	498.56	492.30	1.10	ppb
Tin	118-1	512.21	513.03	505.00	510.08	0.87	ppb
Titanium	47-1	494.87	487.21	496.58	492.89	1.01	ppb
Uranium	238-1	483.73	486.78	485.51	485.34	0.32	ppb
Vanadium	51-2	502.24	492.83	502.34	499.14	1.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	997.54	980.88	1005.82	994.75	1.28	ppb
Zirconium	90-1	499.08	497.43	491.08	495.86	0.85	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BS	Instrumnet Name :	P8
Client Sample ID :	PB101634BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:09:45	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.56	499.80	495.38	496.91	0.50	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:14:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.46	35.82	46.28	38.19	18.87	ppb
Antimony	121-1	2.15	2.03	2.02	2.07	3.67	ppb
Arsenic	75-2	0.67	0.85	0.62	0.71	16.60	ppb
Barium	135-1	27.53	27.15	27.20	27.30	0.76	ppb
Barium	137-1	27.83	28.19	27.85	27.96	0.74	ppb
Beryllium	9-1	-0.05	-0.02	-0.05	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	21.21	21.68	19.06	20.65	6.77	ppb
Boron	10-1	22.16	21.06	18.77	20.66	8.37	ppb
Cadmium	106-1	-0.55	-1.48	-0.33	-0.79		ppb
Cadmium	108-1	0.14	0.11	0.10	0.12	18.44	ppb
Cadmium	111-1	0.02	-0.03	0.04	0.01	347.95	ppb
Calcium	43-1	74639.80	74193.88	74634.61	74489.43	0.34	ppb
Calcium	44-1	73155.20	73903.78	74104.64	73721.21	0.68	ppb
Chromium	52-2	0.46	0.51	0.54	0.50	8.23	ppb
Cobalt	59-2	0.05	0.02	0.06	0.05	41.82	ppb
Copper	63-2	3.12	3.12	3.08	3.11	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124.04	122.25	128.22	124.84	2.46	ppb
Iron	57-2	113.12	135.05	133.99	127.39	9.71	ppb
Lead	206-1	0.49	0.39	0.38	0.42	14.39	ppb
Lead	207-1	0.50	0.42	0.39	0.43	13.39	ppb
Lead	208-1	0.52	0.45	0.37	0.45	16.72	ppb
Lithium	6-1						%
Magnesium	24-2	14060.52	14243.27	14222.20	14175.33	0.71	ppb
Manganese	55-2	36.74	37.59	37.38	37.24	1.19	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:14:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.28	0.33	0.30	0.31	9.41	ppb
Molybdenum	94-1	0.17	0.18	0.18	0.18	2.36	ppb
Molybdenum	95-1	0.29	0.28	0.26	0.28	4.91	ppb
Molybdenum	96-1	0.29	0.24	0.26	0.26	10.84	ppb
Molybdenum	97-1	0.26	0.26	0.28	0.27	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.32	0.41	0.39	18.27	ppb
Phosphorus	31-2	1.62	-18.33	1.87	-4.95		ppb
Potassium	39-2	1153.07	1100.77	1062.87	1105.57	4.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.62	0.00	9.56	4.73	101.13	ppb
Selenium	78-2	0.59	-0.15	-0.14	0.10	435.13	ppb
Selenium	82-1	0.34	1.14	0.76	0.75	53.73	ppb
Silicon	28-1	3513.39	3546.14	3573.23	3544.25	0.85	ppb
Silver	109-1	1.08	0.86	0.76	0.90	18.02	ppb
Silver	107-1	1.16	0.92	0.76	0.95	20.98	ppb
Sodium	23-2	10107.33	10127.78	10184.67	10139.92	0.40	ppb
Strontium	86-1	551.96	550.62	552.00	551.53	0.14	ppb
Strontium	88-1	549.75	545.11	544.82	546.56	0.51	ppb
Sulfur	34-1	4483.50	4508.82	4904.22	4632.18	5.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.09	0.06	0.09	35.20	ppb
Thallium	205-1	0.12	0.06	0.04	0.07	57.49	ppb
Tin	118-1	3.26	3.27	3.41	3.31	2.58	ppb
Titanium	47-1	0.63	0.76	0.81	0.73	13.12	ppb
Uranium	238-1	0.72	0.71	0.72	0.72	0.89	ppb
Vanadium	51-2	0.21	0.25	0.21	0.23	9.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.89	6.01	6.06	6.32	7.81	ppb
Zirconium	90-1	0.14	0.12	0.14	0.13	9.76	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:14:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.11	0.13	0.13	15.51	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:17:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.35	33.36	25.00	33.91	27.09	ppb
Antimony	121-1	1.59	1.47	1.53	1.53	3.90	ppb
Arsenic	75-2	0.82	0.81	0.78	0.80	2.73	ppb
Barium	135-1	30.45	27.03	27.19	28.22	6.85	ppb
Barium	137-1	31.45	27.22	28.30	28.99	7.59	ppb
Beryllium	9-1	-0.02	-0.02	-0.04	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	15.69	15.28	14.64	15.21	3.48	ppb
Boron	10-1	15.16	14.80	14.05	14.67	3.83	ppb
Cadmium	106-1	-0.91	-1.44	-1.46	-1.27		ppb
Cadmium	108-1	0.09	0.04	-0.04	0.03	224.68	ppb
Cadmium	111-1	-0.01	-0.05	-0.05	-0.03		ppb
Calcium	43-1	83817.55	75563.68	75189.16	78190.13	6.24	ppb
Calcium	44-1	81907.90	75216.35	74002.67	77042.31	5.53	ppb
Chromium	52-2	0.51	0.53	0.45	0.50	7.87	ppb
Cobalt	59-2	0.04	0.03	0.02	0.03	38.45	ppb
Copper	63-2	2.97	2.89	2.97	2.94	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124.45	125.79	121.82	124.02	1.63	ppb
Iron	57-2	130.27	128.33	138.04	132.22	3.88	ppb
Lead	206-1	0.29	0.26	0.25	0.27	9.22	ppb
Lead	207-1	0.31	0.26	0.22	0.26	15.66	ppb
Lead	208-1	0.30	0.26	0.24	0.26	11.14	ppb
Lithium	6-1						%
Magnesium	24-2	14347.34	14299.24	14335.44	14327.34	0.17	ppb
Manganese	55-2	35.75	36.43	35.95	36.04	0.97	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:17:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.35	0.29	0.30	0.32	10.21	ppb
Molybdenum	94-1	0.15	0.14	0.14	0.14	4.35	ppb
Molybdenum	95-1	0.25	0.25	0.27	0.25	3.98	ppb
Molybdenum	96-1	0.23	0.25	0.22	0.23	7.75	ppb
Molybdenum	97-1	0.32	0.25	0.21	0.26	21.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.47	0.36	0.39	16.42	ppb
Phosphorus	31-2	3.33	-18.33	86.93	23.98	231.83	ppb
Potassium	39-2	1085.87	1077.14	1093.41	1085.47	0.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.03	4.94	3.32	86.61	ppb
Selenium	78-2	-0.93	1.56	1.51	0.71	199.40	ppb
Selenium	82-1	0.12	1.51	1.02	0.88	80.20	ppb
Silicon	28-1	3934.65	3590.65	3553.82	3693.04	5.69	ppb
Silver	109-1	0.44	0.43	0.38	0.41	7.68	ppb
Silver	107-1	0.47	0.44	0.43	0.45	4.35	ppb
Sodium	23-2	10081.90	10156.96	10183.43	10140.76	0.52	ppb
Strontium	86-1	608.16	551.92	540.66	566.91	6.38	ppb
Strontium	88-1	611.23	546.23	546.86	568.11	6.57	ppb
Sulfur	34-1	6167.68	4747.20	4598.36	5171.08	16.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	89.05	ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	3.09	2.86	2.89	2.95	4.17	ppb
Titanium	47-1	0.81	0.62	2.71	1.38	84.07	ppb
Uranium	238-1	0.83	0.74	0.77	0.78	6.35	ppb
Vanadium	51-2	0.24	0.22	0.23	0.23	3.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.79	7.14	7.20	7.38	4.83	ppb
Zirconium	90-1	0.10	0.09	0.09	0.10	5.04	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:17:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.11	0.10	0.10	13.88	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 15:20:50	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.97	7.39	7.19	6.85	11.22	ppb
Antimony	121-1	0.29	0.33	0.31	0.31	7.04	ppb
Arsenic	75-2	0.07	0.00	-0.06	0.00	2696.28	ppb
Barium	135-1	5.20	5.55	5.57	5.44	3.86	ppb
Barium	137-1	5.77	5.93	5.48	5.73	4.05	ppb
Beryllium	9-1	-0.02	-0.05	0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	5.69	5.90	5.54	5.71	3.14	ppb
Boron	10-1	5.83	5.37	4.59	5.27	11.88	ppb
Cadmium	106-1	-0.33	-0.39	-1.68	-0.80		ppb
Cadmium	108-1	-0.10	-0.04	0.04	-0.03		ppb
Cadmium	111-1	-0.01	-0.02	-0.11	-0.05		ppb
Calcium	43-1	14423.98	15361.37	14498.97	14761.44	3.53	ppb
Calcium	44-1	14712.93	15849.23	14821.62	15127.93	4.14	ppb
Chromium	52-2	0.08	0.10	0.06	0.08	28.96	ppb
Cobalt	59-2	-0.02	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.68	0.70	0.68	0.69	1.30	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25.48	24.60	24.15	24.74	2.72	ppb
Iron	57-2	25.99	23.51	23.68	24.39	5.68	ppb
Lead	206-1	0.00	0.01	0.01	0.01	111.04	ppb
Lead	207-1	-0.01	0.03	0.01	0.01	233.30	ppb
Lead	208-1	0.01	0.02	0.02	0.01	46.44	ppb
Lithium	6-1						%
Magnesium	24-2	2873.09	2741.08	2776.04	2796.74	2.45	ppb
Manganese	55-2	7.69	7.43	7.07	7.40	4.22	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 15:20:50	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.03	0.03	0.03	15.63	ppb
Molybdenum	94-1	0.02	0.05	0.03	0.03	46.45	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	117.97	ppb
Molybdenum	96-1	0.03	0.04	0.02	0.03	27.35	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	29.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.06	0.06	0.07	35.97	ppb
Phosphorus	31-2	21.46	1.45	39.69	20.87	91.66	ppb
Potassium	39-2	194.39	218.09	232.47	214.98	8.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.93	-0.18	0.54	-0.19		ppb
Selenium	82-1	0.70	-0.01	-0.18	0.17	275.25	ppb
Silicon	28-1	705.93	777.44	724.78	736.05	5.04	ppb
Silver	109-1	0.16	0.17	0.16	0.16	2.90	ppb
Silver	107-1	0.14	0.14	0.17	0.15	12.16	ppb
Sodium	23-2	1997.14	1928.96	1940.15	1955.42	1.87	ppb
Strontium	86-1	105.34	112.27	106.60	108.07	3.41	ppb
Strontium	88-1	108.68	117.14	108.60	111.47	4.40	ppb
Sulfur	34-1	575.17	1284.93	1068.03	976.04	37.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.01	0.00	0.00	570.90	ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.25	0.27	0.24	0.25	5.93	ppb
Titanium	47-1	0.20	0.25	0.24	0.23	11.33	ppb
Uranium	238-1	0.11	0.11	0.13	0.12	9.35	ppb
Vanadium	51-2	0.06	0.03	0.03	0.04	42.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.55	1.42	1.45	1.47	4.60	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	22.59	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 15:20:50	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	55.00	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:23:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9625.21	9338.10	9608.26	9523.86	1.69	ppb
Antimony	121-1	524.26	526.16	522.87	524.43	0.31	ppb
Arsenic	75-2	548.08	546.88	544.41	546.45	0.34	ppb
Barium	135-1	2526.34	2539.54	2515.96	2527.28	0.47	ppb
Barium	137-1	2539.77	2524.76	2507.20	2523.91	0.65	ppb
Beryllium	9-1	346.46	344.06	341.00	343.84	0.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	312.09	316.05	317.47	315.20	0.88	ppb
Boron	10-1	320.50	325.94	321.55	322.66	0.89	ppb
Cadmium	106-1	519.74	517.15	497.78	511.56	2.35	ppb
Cadmium	108-1	521.12	514.49	516.09	517.23	0.67	ppb
Cadmium	111-1	515.62	512.56	511.06	513.08	0.45	ppb
Calcium	43-1	126335.31	126492.97	124796.12	125874.80	0.74	ppb
Calcium	44-1	126054.77	125656.45	123295.78	125002.33	1.19	ppb
Chromium	52-2	556.14	549.79	551.43	552.45	0.60	ppb
Cobalt	59-2	540.04	540.86	536.58	539.16	0.42	ppb
Copper	63-2	1082.28	1064.14	1072.36	1072.93	0.85	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26032.02	25802.02	25727.82	25853.95	0.61	ppb
Iron	57-2	25907.32	25631.51	25724.66	25754.50	0.54	ppb
Lead	206-1	528.04	532.13	527.44	529.21	0.48	ppb
Lead	207-1	535.77	529.27	528.47	531.17	0.75	ppb
Lead	208-1	527.51	530.13	527.89	528.51	0.27	ppb
Lithium	6-1						%
Magnesium	24-2	71913.96	69746.04	69705.78	70455.26	1.79	ppb
Manganese	55-2	1033.39	1035.10	1035.63	1034.71	0.11	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:23:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	505.69	511.44	501.15	506.09	1.02	ppb
Molybdenum	94-1	519.99	524.60	519.97	521.52	0.51	ppb
Molybdenum	95-1	508.59	517.25	507.69	511.18	1.03	ppb
Molybdenum	96-1	516.45	513.43	511.98	513.95	0.44	ppb
Molybdenum	97-1	494.19	500.96	492.41	495.86	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	559.20	554.09	557.78	557.02	0.47	ppb
Phosphorus	31-2	2.97	2.39	-18.33	-4.32		ppb
Potassium	39-2	25860.16	25680.02	25306.09	25615.43	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	643.57	518.71	514.75	559.01	13.10	ppb
Selenium	78-2	523.21	497.63	533.28	518.04	3.55	ppb
Selenium	82-1	536.93	523.78	530.73	530.48	1.24	ppb
Silicon	28-1	4054.19	4285.76	3979.76	4106.57	3.89	ppb
Silver	109-1	518.93	506.00	505.62	510.18	1.49	ppb
Silver	107-1	514.35	509.40	503.35	509.03	1.08	ppb
Sodium	23-2	65831.68	65072.81	65575.50	65493.33	0.59	ppb
Strontium	86-1	546.99	556.41	547.45	550.28	0.97	ppb
Strontium	88-1	552.81	553.33	547.50	551.21	0.59	ppb
Sulfur	34-1	4572.55	4588.02	4227.47	4462.68	4.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	528.05	538.59	537.97	534.87	1.11	ppb
Thallium	205-1	528.96	538.69	533.63	533.76	0.91	ppb
Tin	118-1	484.84	489.71	485.41	486.65	0.55	ppb
Titanium	47-1	495.58	499.36	493.21	496.05	0.63	ppb
Uranium	238-1	514.48	514.58	518.60	515.89	0.45	ppb
Vanadium	51-2	537.43	530.31	530.12	532.62	0.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	999.96	981.25	992.59	991.27	0.95	ppb
Zirconium	90-1	521.71	521.96	513.37	519.01	0.94	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:23:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	527.71	530.51	515.53	524.58	1.52	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-04	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:26:57	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9510.20	9390.09	9678.51	9526.26	1.52	ppb
Antimony	121-1	523.26	516.70	519.92	519.96	0.63	ppb
Arsenic	75-2	560.21	552.98	551.93	555.04	0.81	ppb
Barium	135-1	2547.37	2523.25	2519.85	2530.16	0.59	ppb
Barium	137-1	2531.17	2529.76	2513.62	2524.85	0.39	ppb
Beryllium	9-1	351.96	339.16	335.06	342.06	2.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	321.27	316.12	317.77	318.39	0.83	ppb
Boron	10-1	334.78	330.12	330.73	331.88	0.76	ppb
Cadmium	106-1	512.67	506.27	504.06	507.67	0.88	ppb
Cadmium	108-1	512.96	524.12	514.86	517.31	1.15	ppb
Cadmium	111-1	510.22	506.94	505.83	507.66	0.45	ppb
Calcium	43-1	124699.32	125009.15	126946.07	125551.51	0.97	ppb
Calcium	44-1	124816.52	124927.53	127081.95	125608.67	1.02	ppb
Chromium	52-2	558.04	547.01	558.08	554.38	1.15	ppb
Cobalt	59-2	546.66	539.15	549.50	545.11	0.98	ppb
Copper	63-2	1100.73	1072.32	1088.52	1087.19	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26015.44	25549.95	26001.27	25855.55	1.02	ppb
Iron	57-2	26099.42	25878.84	26208.69	26062.32	0.64	ppb
Lead	206-1	533.79	541.54	527.99	534.44	1.27	ppb
Lead	207-1	530.73	541.11	541.49	537.78	1.14	ppb
Lead	208-1	532.93	540.71	535.85	536.50	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	70480.80	69954.09	70937.19	70457.36	0.70	ppb
Manganese	55-2	1042.19	1027.17	1036.97	1035.44	0.74	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-04	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:26:57	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	513.78	513.96	516.62	514.78	0.31	ppb
Molybdenum	94-1	526.93	524.87	512.42	521.41	1.51	ppb
Molybdenum	95-1	520.53	513.86	502.73	512.37	1.76	ppb
Molybdenum	96-1	518.20	517.93	517.20	517.78	0.10	ppb
Molybdenum	97-1	496.77	502.35	498.10	499.07	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	559.07	552.83	566.28	559.40	1.20	ppb
Phosphorus	31-2	-18.33	2.27	23.94	2.63	804.62	ppb
Potassium	39-2	25687.41	25297.65	25715.87	25566.98	0.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	593.77	521.29	595.16	570.07	7.41	ppb
Selenium	78-2	529.38	569.20	541.98	546.85	3.72	ppb
Selenium	82-1	533.72	529.95	525.87	529.85	0.74	ppb
Silicon	28-1	4025.03	4036.82	4080.86	4047.57	0.73	ppb
Silver	109-1	509.06	508.31	505.97	507.78	0.32	ppb
Silver	107-1	509.02	507.57	507.01	507.86	0.20	ppb
Sodium	23-2	66970.73	66488.00	66951.11	66803.28	0.41	ppb
Strontium	86-1	553.39	549.43	544.79	549.20	0.78	ppb
Strontium	88-1	558.82	555.61	544.92	553.12	1.32	ppb
Sulfur	34-1	3843.41	3596.07	3969.29	3802.92	4.99	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	546.66	552.15	545.52	548.11	0.65	ppb
Thallium	205-1	539.21	548.63	542.41	543.42	0.88	ppb
Tin	118-1	488.97	485.90	481.86	485.57	0.73	ppb
Titanium	47-1	498.39	496.40	506.01	500.27	1.01	ppb
Uranium	238-1	525.99	527.48	529.59	527.69	0.34	ppb
Vanadium	51-2	538.08	533.62	543.52	538.41	0.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	997.23	984.09	998.79	993.37	0.81	ppb
Zirconium	90-1	526.00	524.43	518.53	522.99	0.75	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-04	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:26:57	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	524.54	531.70	514.65	523.63	1.64	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:29:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9583.83	9779.57	9658.37	9673.92	1.02	ppb
Antimony	121-1	525.06	527.31	517.93	523.43	0.94	ppb
Arsenic	75-2	549.51	556.40	554.37	553.42	0.64	ppb
Barium	135-1	2533.80	2553.83	2513.89	2533.84	0.79	ppb
Barium	137-1	2522.73	2553.52	2510.42	2528.89	0.88	ppb
Beryllium	9-1	352.50	349.16	344.41	348.69	1.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	331.53	331.45	328.89	330.62	0.45	ppb
Boron	10-1	332.13	333.16	339.12	334.81	1.13	ppb
Cadmium	106-1	501.30	511.48	499.27	504.02	1.30	ppb
Cadmium	108-1	510.84	509.61	513.31	511.25	0.37	ppb
Cadmium	111-1	509.11	513.17	503.81	508.70	0.92	ppb
Calcium	43-1	126778.19	128596.58	127254.42	127543.06	0.74	ppb
Calcium	44-1	126084.44	126975.30	126128.29	126396.01	0.40	ppb
Chromium	52-2	561.37	559.77	562.42	561.19	0.24	ppb
Cobalt	59-2	550.21	548.42	549.23	549.29	0.16	ppb
Copper	63-2	1101.73	1098.65	1094.27	1098.22	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26284.86	26224.52	26151.10	26220.16	0.26	ppb
Iron	57-2	26075.18	26302.54	26190.35	26189.36	0.43	ppb
Lead	206-1	546.42	534.44	548.26	543.04	1.38	ppb
Lead	207-1	541.17	540.09	560.08	547.11	2.05	ppb
Lead	208-1	541.50	536.75	550.56	542.94	1.29	ppb
Lithium	6-1						%
Magnesium	24-2	71143.22	71242.39	70413.22	70932.94	0.64	ppb
Manganese	55-2	1045.31	1036.14	1036.38	1039.28	0.50	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:29:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	514.63	513.98	516.31	514.97	0.23	ppb
Molybdenum	94-1	529.23	530.04	526.05	528.44	0.40	ppb
Molybdenum	95-1	521.70	511.12	517.77	516.86	1.03	ppb
Molybdenum	96-1	523.39	520.80	520.13	521.44	0.33	ppb
Molybdenum	97-1	502.77	507.93	504.89	505.20	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	567.15	563.13	566.07	565.45	0.37	ppb
Phosphorus	31-2	-18.33	2.64	2.75	-4.31		ppb
Potassium	39-2	25548.15	25712.24	25786.93	25682.44	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	457.50	537.94	620.78	538.74	15.15	ppb
Selenium	78-2	532.40	539.04	573.42	548.29	4.02	ppb
Selenium	82-1	529.73	533.61	528.27	530.54	0.52	ppb
Silicon	28-1	4048.17	4058.21	4031.03	4045.80	0.34	ppb
Silver	109-1	507.31	517.16	498.09	507.52	1.88	ppb
Silver	107-1	508.78	513.88	501.13	507.93	1.26	ppb
Sodium	23-2	66778.12	67279.63	66651.12	66902.96	0.50	ppb
Strontium	86-1	557.23	556.67	558.44	557.45	0.16	ppb
Strontium	88-1	559.45	556.46	558.37	558.09	0.27	ppb
Sulfur	34-1	3822.41	3568.77	3544.59	3645.26	4.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	545.96	546.60	566.04	552.87	2.06	ppb
Thallium	205-1	544.98	540.25	555.52	546.92	1.43	ppb
Tin	118-1	487.66	490.49	478.87	485.67	1.25	ppb
Titanium	47-1	501.57	498.46	499.04	499.69	0.33	ppb
Uranium	238-1	531.25	532.20	537.79	533.75	0.66	ppb
Vanadium	51-2	540.89	541.49	541.30	541.23	0.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1000.82	994.20	1001.57	998.86	0.41	ppb
Zirconium	90-1	531.15	525.35	526.81	527.77	0.57	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:29:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	532.10	525.70	533.34	530.38	0.77	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-05	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:32:59	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.09	34.66	28.61	30.12	13.29	ppb
Antimony	121-1	1.29	1.33	1.36	1.33	2.69	ppb
Arsenic	75-2	0.85	0.62	0.69	0.72	16.28	ppb
Barium	135-1	27.73	26.65	26.65	27.01	2.30	ppb
Barium	137-1	27.37	27.57	28.18	27.71	1.53	ppb
Beryllium	9-1	0.09	0.07	0.02	0.06	55.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	25.40	24.82	22.95	24.39	5.26	ppb
Boron	10-1	25.37	25.16	21.75	24.09	8.43	ppb
Cadmium	106-1	-1.39	-1.39	-1.19	-1.32		ppb
Cadmium	108-1	-0.07	-0.05	0.03	-0.03		ppb
Cadmium	111-1	-0.05	-0.04	-0.02	-0.04		ppb
Calcium	43-1	75937.18	77408.52	77284.54	76876.75	1.06	ppb
Calcium	44-1	74870.70	76283.42	75340.53	75498.22	0.95	ppb
Chromium	52-2	0.36	0.33	0.42	0.37	12.26	ppb
Cobalt	59-2	0.06	0.04	0.03	0.04	38.85	ppb
Copper	63-2	2.68	2.60	2.68	2.65	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	155.67	153.40	155.33	154.80	0.79	ppb
Iron	57-2	152.11	159.87	154.35	155.44	2.57	ppb
Lead	206-1	0.25	0.24	0.21	0.23	8.26	ppb
Lead	207-1	0.27	0.23	0.24	0.25	9.05	ppb
Lead	208-1	0.26	0.25	0.24	0.25	4.10	ppb
Lithium	6-1						%
Magnesium	24-2	14291.74	14143.37	14295.29	14243.47	0.61	ppb
Manganese	55-2	63.34	64.45	64.08	63.95	0.89	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-05	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:32:59	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.34	0.34	0.29	0.32	10.02	ppb
Molybdenum	94-1	0.17	0.17	0.14	0.16	8.61	ppb
Molybdenum	95-1	0.29	0.26	0.25	0.27	7.66	ppb
Molybdenum	96-1	0.22	0.26	0.24	0.24	7.79	ppb
Molybdenum	97-1	0.28	0.29	0.26	0.27	5.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.41	0.27	0.34	21.68	ppb
Phosphorus	31-2	3.11	-18.33	3.07	-4.05		ppb
Potassium	39-2	1060.73	1060.67	1054.76	1058.72	0.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.11	-0.11	-0.93	-0.38		ppb
Selenium	82-1	0.61	1.31	0.11	0.68	89.07	ppb
Silicon	28-1	3681.49	3684.29	3656.06	3673.95	0.42	ppb
Silver	109-1	0.25	0.23	0.26	0.25	7.41	ppb
Silver	107-1	0.26	0.25	0.23	0.24	6.65	ppb
Sodium	23-2	10186.37	10139.89	10316.40	10214.22	0.90	ppb
Strontium	86-1	546.35	549.09	553.40	549.61	0.65	ppb
Strontium	88-1	547.45	547.48	546.98	547.30	0.05	ppb
Sulfur	34-1	3242.30	3383.13	3194.05	3273.16	3.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.03	0.05	0.05	39.37	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	16.94	ppb
Tin	118-1	4.62	4.75	4.48	4.62	2.82	ppb
Titanium	47-1	0.44	0.56	0.61	0.54	16.28	ppb
Uranium	238-1	0.78	0.80	0.76	0.78	2.57	ppb
Vanadium	51-2	0.19	0.17	0.18	0.18	5.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.61	8.49	9.31	9.14	6.30	ppb
Zirconium	90-1	0.10	0.10	0.11	0.10	4.71	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-05	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:32:59	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.10	0.11	0.11	6.73	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:36:05	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52081.03	51531.87	50000.66	51204.52	2.11	ppb
Antimony	121-1	462.28	456.50	463.86	460.88	0.84	ppb
Arsenic	75-2	502.58	497.88	502.82	501.09	0.56	ppb
Barium	135-1	2555.89	2509.29	2510.36	2525.18	1.05	ppb
Barium	137-1	2518.79	2487.30	2495.04	2500.38	0.66	ppb
Beryllium	9-1	483.88	477.74	485.10	482.24	0.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	473.51	479.93	496.48	483.31	2.45	ppb
Boron	10-1	471.47	487.46	484.90	481.28	1.78	ppb
Cadmium	106-1	482.09	480.77	485.28	482.71	0.48	ppb
Cadmium	108-1	496.15	488.23	484.35	489.58	1.23	ppb
Cadmium	111-1	479.99	477.77	475.99	477.92	0.42	ppb
Calcium	43-1	241889.38	243296.34	242577.78	242587.83	0.29	ppb
Calcium	44-1	243333.56	245619.24	243781.85	244244.88	0.50	ppb
Chromium	52-2	528.17	520.88	512.62	520.56	1.49	ppb
Cobalt	59-2	517.55	513.56	498.58	509.90	1.96	ppb
Copper	63-2	1056.59	1052.14	1024.74	1044.49	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	130058.88	128329.51	125717.60	128035.33	1.71	ppb
Iron	57-2	131361.87	132440.23	128879.14	130893.75	1.40	ppb
Lead	206-1	520.77	516.59	520.20	519.19	0.44	ppb
Lead	207-1	516.54	515.08	517.47	516.36	0.23	ppb
Lead	208-1	517.12	515.38	514.89	515.79	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	266325.16	259212.05	253977.31	259838.17	2.39	ppb
Manganese	55-2	1045.05	1027.62	1009.08	1027.25	1.75	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:36:05	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	514.52	520.80	518.41	517.91	0.61	ppb
Molybdenum	94-1	515.07	518.96	521.44	518.49	0.62	ppb
Molybdenum	95-1	519.57	523.76	518.73	520.69	0.52	ppb
Molybdenum	96-1	520.85	515.91	520.51	519.09	0.53	ppb
Molybdenum	97-1	505.28	519.38	523.48	516.05	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.17	516.08	500.42	511.89	1.96	ppb
Phosphorus	31-2	10723.86	10774.34	10360.28	10619.49	2.13	ppb
Potassium	39-2	129477.55	129410.52	126137.54	128341.87	1.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	634.26	436.73	501.15	524.04	19.22	ppb
Selenium	78-2	469.15	490.07	502.37	487.20	3.45	ppb
Selenium	82-1	499.71	498.33	498.91	498.98	0.14	ppb
Silicon	28-1	517.29	531.05	521.55	523.30	1.35	ppb
Silver	109-1	496.61	484.85	493.59	491.68	1.24	ppb
Silver	107-1	497.45	486.14	486.99	490.19	1.29	ppb
Sodium	23-2	266177.77	261890.38	255448.68	261172.28	2.07	ppb
Strontium	86-1	536.42	525.94	532.97	531.78	1.00	ppb
Strontium	88-1	524.79	523.90	533.74	527.48	1.03	ppb
Sulfur	34-1	9618.80	9947.99	9894.91	9820.57	1.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	517.83	514.60	518.72	517.05	0.42	ppb
Thallium	205-1	510.67	509.65	509.16	509.83	0.15	ppb
Tin	118-1	508.94	504.30	502.37	505.20	0.67	ppb
Titanium	47-1	504.27	515.42	505.83	508.51	1.19	ppb
Uranium	238-1	524.67	520.19	530.77	525.21	1.01	ppb
Vanadium	51-2	526.14	523.57	510.14	519.95	1.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1052.78	1042.45	1006.45	1033.89	2.35	ppb
Zirconium	90-1	514.43	508.81	514.57	512.60	0.64	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:36:05	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	516.87	514.85	527.92	519.88	1.35	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 15:39:02 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.52	4.34	3.02	2.96	47.63	ppb
Antimony	121-1	0.30	0.26	0.23	0.26	13.91	ppb
Arsenic	75-2	-0.02	-0.12	-0.06	-0.07		ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.03	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.15	0.05	0.11	0.10	48.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	17.36	15.24	14.25	15.62	10.17	ppb
Boron	10-1	17.35	13.71	13.53	14.86	14.48	ppb
Cadmium	106-1	-0.25	0.21	-1.27	-0.44		ppb
Cadmium	108-1	-0.02	0.06	0.22	0.09	135.28	ppb
Cadmium	111-1	0.01	0.04	-0.07	-0.01		ppb
Calcium	43-1	2.63	-10.39	12.15	1.47	772.44	ppb
Calcium	44-1	6.63	-4.03	-6.34	-1.25		ppb
Chromium	52-2	0.00	-0.16	0.03	-0.04		ppb
Cobalt	59-2	-0.04	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.16	0.19	0.15	0.17	11.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.42	1.40	0.76	1.19	31.69	ppb
Iron	57-2	0.54	0.89	0.20	0.54	63.91	ppb
Lead	206-1	-0.02	-0.01	0.00	-0.01		ppb
Lead	207-1	0.00	-0.01	-0.02	-0.01		ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	3.58	1.21	2.50	2.43	48.73	ppb
Manganese	55-2	0.10	0.02	-0.03	0.03	235.97	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:39:02	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.03	0.03	0.03	24.32	ppb
Molybdenum	94-1	0.04	0.04	0.05	0.04	10.98	ppb
Molybdenum	95-1	0.05	0.01	0.01	0.02	119.11	ppb
Molybdenum	96-1	0.04	0.01	0.01	0.02	91.23	ppb
Molybdenum	97-1	0.04	0.01	0.02	0.02	64.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.04	-0.02	-0.04		ppb
Phosphorus	31-2	-18.33	1.01	41.19	7.96	381.62	ppb
Potassium	39-2	9.58	-1.58	16.23	8.08	111.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	4.45	4.43	2.96	86.60	ppb
Selenium	78-2	-0.21	-0.93	0.53	-0.20		ppb
Selenium	82-1	0.30	0.95	0.38	0.55	64.88	ppb
Silicon	28-1	-1.88	-8.45	-8.23	-6.18		ppb
Silver	109-1	0.09	0.08	0.07	0.08	13.29	ppb
Silver	107-1	0.09	0.08	0.08	0.08	7.16	ppb
Sodium	23-2	41.85	39.53	40.99	40.79	2.88	ppb
Strontium	86-1	0.09	0.04	0.06	0.07	36.23	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-146.49	-865.75	-973.31	-661.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.04	0.06	0.06	29.59	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	30.45	ppb
Tin	118-1	0.05	0.02	0.04	0.04	40.54	ppb
Titanium	47-1	0.02	0.02	0.00	0.01	104.92	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	526.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	0.09	0.13	0.06	143.24	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	9.89	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:39:02	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.03	0.03	3.89	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-06	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:42:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.82	39.41	39.95	48.06	30.21	ppb
Antimony	121-1	3.56	2.97	2.76	3.10	13.41	ppb
Arsenic	75-2	0.78	0.66	0.76	0.73	8.39	ppb
Barium	135-1	17.23	17.65	16.97	17.28	1.99	ppb
Barium	137-1	17.30	17.52	17.56	17.46	0.80	ppb
Beryllium	9-1	0.05	0.03	-0.02	0.02	169.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	18.99	17.75	17.75	18.17	3.95	ppb
Boron	10-1	18.75	19.18	18.39	18.77	2.10	ppb
Cadmium	106-1	-1.08	-1.54	-1.53	-1.39		ppb
Cadmium	108-1	0.01	-0.02	0.09	0.03	194.47	ppb
Cadmium	111-1	0.00	-0.04	-0.03	-0.02		ppb
Calcium	43-1	62112.18	61483.73	61836.02	61810.64	0.51	ppb
Calcium	44-1	62360.79	62008.90	61500.89	61956.86	0.70	ppb
Chromium	52-2	0.92	0.77	0.78	0.82	10.08	ppb
Cobalt	59-2	0.08	0.09	0.06	0.08	16.37	ppb
Copper	63-2	2.87	2.72	2.75	2.78	2.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	215.13	215.29	218.34	216.25	0.84	ppb
Iron	57-2	211.68	220.26	224.49	218.81	2.98	ppb
Lead	206-1	0.44	0.51	0.40	0.45	11.96	ppb
Lead	207-1	0.41	0.46	0.41	0.43	6.67	ppb
Lead	208-1	0.45	0.48	0.42	0.45	6.77	ppb
Lithium	6-1						%
Magnesium	24-2	6024.87	6061.58	6228.56	6105.00	1.78	ppb
Manganese	55-2	101.46	102.62	106.27	103.45	2.43	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-06	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:42:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.48	0.47	0.50	0.48	3.15	ppb
Molybdenum	94-1	0.28	0.29	0.23	0.27	12.13	ppb
Molybdenum	95-1	0.38	0.38	0.44	0.40	9.67	ppb
Molybdenum	96-1	0.36	0.38	0.41	0.38	6.19	ppb
Molybdenum	97-1	0.42	0.49	0.39	0.43	12.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.85	0.82	0.90	13.02	ppb
Phosphorus	31-2	24.45	24.24	3.22	17.30	70.47	ppb
Potassium	39-2	1255.54	1270.97	1287.57	1271.36	1.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.06	1.69	173.21	ppb
Selenium	78-2	0.73	-0.93	-0.93	-0.38		ppb
Selenium	82-1	1.00	0.19	0.37	0.52	82.52	ppb
Silicon	28-1	1298.43	1322.48	1297.89	1306.26	1.08	ppb
Silver	109-1	0.45	0.36	0.36	0.39	12.85	ppb
Silver	107-1	0.42	0.38	0.33	0.38	12.20	ppb
Sodium	23-2	6650.91	6705.83	6825.91	6727.55	1.33	ppb
Strontium	86-1	342.13	336.85	336.29	338.43	0.95	ppb
Strontium	88-1	348.45	345.53	342.40	345.46	0.88	ppb
Sulfur	34-1	1635.96	1522.18	1493.94	1550.69	4.85	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.04	0.03	0.04	49.11	ppb
Thallium	205-1	0.05	0.02	0.02	0.03	54.35	ppb
Tin	118-1	3.74	3.91	3.48	3.71	5.83	ppb
Titanium	47-1	0.80	0.85	0.74	0.79	6.58	ppb
Uranium	238-1	0.40	0.44	0.41	0.42	4.22	ppb
Vanadium	51-2	0.27	0.28	0.31	0.29	7.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.17	12.11	12.25	11.84	4.95	ppb
Zirconium	90-1	0.17	0.16	0.16	0.16	4.89	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-06	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:42:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.17	0.18	0.17	7.56	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : I4832-07 Instrumnet Name : P8
 Client Sample ID : SU17-MSW0107 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 15:45:20 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.16	13.64	10.06	10.62	26.17	ppb
Antimony	121-1	1.93	1.91	1.93	1.92	0.68	ppb
Arsenic	75-2	0.72	0.73	0.79	0.74	4.92	ppb
Barium	135-1	22.76	22.54	22.19	22.49	1.28	ppb
Barium	137-1	22.92	23.10	22.40	22.80	1.59	ppb
Beryllium	9-1	-0.02	0.04	0.02	0.01	229.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	15.24	14.19	14.62	14.68	3.59	ppb
Boron	10-1	14.95	13.96	15.05	14.65	4.13	ppb
Cadmium	106-1	-1.04	-1.47	-0.16	-0.89		ppb
Cadmium	108-1	-0.02	0.04	-0.05	-0.01		ppb
Cadmium	111-1	-0.05	-0.08	0.00	-0.04		ppb
Calcium	43-1	70185.67	70019.84	69776.80	69994.10	0.29	ppb
Calcium	44-1	70291.35	69450.36	69926.06	69889.26	0.60	ppb
Chromium	52-2	0.27	0.26	0.30	0.28	7.67	ppb
Cobalt	59-2	0.03	0.00	0.05	0.03	81.49	ppb
Copper	63-2	2.73	2.77	2.63	2.71	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	177.55	189.83	184.51	183.96	3.35	ppb
Iron	57-2	196.80	192.50	197.48	195.60	1.38	ppb
Lead	206-1	0.12	0.14	0.13	0.13	9.18	ppb
Lead	207-1	0.13	0.14	0.12	0.13	9.28	ppb
Lead	208-1	0.13	0.14	0.13	0.13	3.65	ppb
Lithium	6-1						%
Magnesium	24-2	12440.81	12994.16	12867.41	12767.46	2.27	ppb
Manganese	55-2	31.14	33.30	33.78	32.74	4.29	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-07	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:45:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.34	0.36	0.35	0.35	3.42	ppb
Molybdenum	94-1	0.15	0.15	0.15	0.15	1.38	ppb
Molybdenum	95-1	0.30	0.26	0.34	0.30	13.71	ppb
Molybdenum	96-1	0.27	0.24	0.31	0.27	11.97	ppb
Molybdenum	97-1	0.26	0.32	0.28	0.29	11.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.22	0.38	0.28	30.13	ppb
Phosphorus	31-2	24.77	-18.33	3.80	3.41	631.57	ppb
Potassium	39-2	1194.66	1221.91	1204.36	1206.98	1.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.76	-0.07	-0.93	-0.08		ppb
Selenium	82-1	0.05	0.32	0.17	0.18	75.05	ppb
Silicon	28-1	3374.35	3373.31	3354.64	3367.43	0.33	ppb
Silver	109-1	0.28	0.25	0.23	0.25	10.58	ppb
Silver	107-1	0.25	0.27	0.25	0.25	4.55	ppb
Sodium	23-2	9806.63	10177.96	10067.62	10017.40	1.90	ppb
Strontium	86-1	494.14	494.34	493.43	493.97	0.10	ppb
Strontium	88-1	500.73	502.12	498.01	500.29	0.42	ppb
Sulfur	34-1	3145.29	2981.05	2952.42	3026.25	3.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.02	0.01	117.21	ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	2.70	2.77	2.75	2.74	1.22	ppb
Titanium	47-1	0.43	0.37	0.38	0.39	7.28	ppb
Uranium	238-1	0.72	0.70	0.74	0.72	2.46	ppb
Vanadium	51-2	0.12	0.19	0.15	0.15	22.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.14	8.39	8.64	8.39	2.97	ppb
Zirconium	90-1	0.09	0.10	0.09	0.09	3.75	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-07	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:45:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.16	0.11	41.84	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : I4832-08 Instrumnet Name : P8
 Client Sample ID : SU17-MSW0105 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 15:48:29 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.17	16.38	13.33	15.29	11.14	ppb
Antimony	121-1	1.85	1.88	1.83	1.85	1.50	ppb
Arsenic	75-2	0.61	0.78	0.90	0.76	18.86	ppb
Barium	135-1	23.88	22.40	23.30	23.20	3.23	ppb
Barium	137-1	23.62	23.98	23.26	23.62	1.53	ppb
Beryllium	9-1	-0.03	-0.01	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	13.83	14.31	14.12	14.09	1.70	ppb
Boron	10-1	14.86	13.50	13.94	14.10	4.92	ppb
Cadmium	106-1	-1.20	-1.34	-2.13	-1.55		ppb
Cadmium	108-1	0.01	-0.02	0.01	0.00	2510.88	ppb
Cadmium	111-1	-0.05	-0.07	-0.15	-0.09		ppb
Calcium	43-1	70460.00	70552.72	71189.21	70733.98	0.56	ppb
Calcium	44-1	70003.12	69751.92	70719.17	70158.07	0.72	ppb
Chromium	52-2	0.39	0.27	0.45	0.37	24.14	ppb
Cobalt	59-2	0.06	0.03	0.07	0.05	40.28	ppb
Copper	63-2	2.82	2.77	2.93	2.84	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	68.52	70.62	69.67	69.60	1.51	ppb
Iron	57-2	79.03	73.13	74.05	75.40	4.21	ppb
Lead	206-1	0.14	0.16	0.15	0.15	8.00	ppb
Lead	207-1	0.14	0.11	0.12	0.13	14.16	ppb
Lead	208-1	0.15	0.15	0.15	0.15	2.52	ppb
Lithium	6-1						%
Magnesium	24-2	9250.44	9376.57	9412.88	9346.63	0.91	ppb
Manganese	55-2	127.10	125.78	132.04	128.31	2.57	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-08	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:48:29	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.36	0.36	0.37	0.36	1.57	ppb
Molybdenum	94-1	0.19	0.14	0.16	0.16	14.98	ppb
Molybdenum	95-1	0.25	0.24	0.28	0.26	7.97	ppb
Molybdenum	96-1	0.40	0.27	0.30	0.33	20.92	ppb
Molybdenum	97-1	0.25	0.28	0.28	0.27	7.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.39	0.38	0.37	3.75	ppb
Phosphorus	31-2	3.29	47.34	-18.33	10.77	310.88	ppb
Potassium	39-2	837.47	828.15	848.09	837.90	1.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.65	2.53	0.80	1.66	52.23	ppb
Selenium	82-1	0.69	1.35	-0.45	0.53	171.92	ppb
Silicon	28-1	2182.59	2217.12	2263.90	2221.20	1.84	ppb
Silver	109-1	0.24	0.23	0.20	0.22	8.38	ppb
Silver	107-1	0.25	0.24	0.24	0.24	1.91	ppb
Sodium	23-2	7349.09	7401.04	7484.34	7411.49	0.92	ppb
Strontium	86-1	423.83	427.18	429.24	426.75	0.64	ppb
Strontium	88-1	435.62	437.47	433.88	435.66	0.41	ppb
Sulfur	34-1	4939.78	4705.68	4945.33	4863.60	2.81	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	2347.70	ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	2.50	2.48	2.56	2.51	1.71	ppb
Titanium	47-1	0.44	0.52	0.57	0.51	12.57	ppb
Uranium	238-1	0.58	0.56	0.59	0.58	3.11	ppb
Vanadium	51-2	0.18	0.14	0.11	0.14	25.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.11	9.92	10.28	9.77	6.12	ppb
Zirconium	90-1	0.12	0.11	0.10	0.11	9.99	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-08	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:48:29	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.10	0.10	0.10	7.59	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-09	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:51:38	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.57	8.15	21.46	15.39	43.72	ppb
Antimony	121-1	1.81	1.83	1.78	1.81	1.55	ppb
Arsenic	75-2	0.95	1.07	1.06	1.03	6.75	ppb
Barium	135-1	18.54	18.04	18.64	18.41	1.74	ppb
Barium	137-1	18.38	18.02	18.77	18.39	2.04	ppb
Beryllium	9-1	-0.06	-0.03	-0.02	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.84	11.32	11.97	11.71	2.94	ppb
Boron	10-1	10.56	11.52	12.19	11.42	7.21	ppb
Cadmium	106-1	-1.93	-1.64	-1.16	-1.58		ppb
Cadmium	108-1	-0.05	-0.02	-0.05	-0.04		ppb
Cadmium	111-1	-0.13	-0.11	-0.07	-0.11		ppb
Calcium	43-1	67790.49	68077.41	67305.84	67724.58	0.58	ppb
Calcium	44-1	67137.12	66867.31	66248.99	66751.14	0.68	ppb
Chromium	52-2	0.27	0.25	0.29	0.27	7.89	ppb
Cobalt	59-2	0.06	0.03	0.02	0.04	60.87	ppb
Copper	63-2	2.80	2.77	2.91	2.83	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	285.92	275.33	284.08	281.78	2.01	ppb
Iron	57-2	314.65	279.03	286.87	293.52	6.38	ppb
Lead	206-1	0.11	0.07	0.10	0.09	19.04	ppb
Lead	207-1	0.08	0.10	0.09	0.09	15.73	ppb
Lead	208-1	0.09	0.08	0.10	0.09	10.45	ppb
Lithium	6-1						%
Magnesium	24-2	11736.39	11545.14	11761.49	11681.01	1.01	ppb
Manganese	55-2	64.91	62.65	66.71	64.76	3.15	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-09	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:51:38	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.43	0.39	0.37	0.40	8.52	ppb
Molybdenum	94-1	0.15	0.16	0.17	0.16	3.78	ppb
Molybdenum	95-1	0.30	0.36	0.33	0.33	8.68	ppb
Molybdenum	96-1	0.26	0.30	0.32	0.29	9.65	ppb
Molybdenum	97-1	0.33	0.37	0.30	0.33	10.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.41	0.28	0.31	27.88	ppb
Phosphorus	31-2	25.92	-18.33	48.04	18.54	182.26	ppb
Potassium	39-2	1334.32	1344.64	1287.91	1322.29	2.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.28	0.77	-0.93	1.04	203.56	ppb
Selenium	82-1	-0.09	0.39	0.96	0.42	124.28	ppb
Silicon	28-1	3369.00	3377.23	3312.91	3353.05	1.04	ppb
Silver	109-1	0.19	0.17	0.17	0.18	8.17	ppb
Silver	107-1	0.18	0.17	0.18	0.18	5.49	ppb
Sodium	23-2	9542.59	9256.11	9536.75	9445.15	1.73	ppb
Strontium	86-1	460.29	458.10	460.68	459.69	0.30	ppb
Strontium	88-1	469.97	467.79	472.53	470.10	0.51	ppb
Sulfur	34-1	2611.01	2648.66	2355.52	2538.40	6.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	2.21	2.15	2.36	2.24	4.81	ppb
Titanium	47-1	0.42	0.39	0.35	0.39	7.89	ppb
Uranium	238-1	0.67	0.67	0.69	0.68	1.22	ppb
Vanadium	51-2	0.20	0.14	0.15	0.16	20.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.12	8.38	9.23	8.58	6.76	ppb
Zirconium	90-1	0.08	0.06	0.08	0.07	12.29	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-09	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:51:38	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.08	0.08	0.07	20.84	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-10	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:54:46	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.20	13.19	11.51	14.30	24.33	ppb
Antimony	121-1	1.79	1.88	1.86	1.84	2.57	ppb
Arsenic	75-2	0.89	0.96	0.67	0.84	17.68	ppb
Barium	135-1	18.75	19.04	18.96	18.92	0.78	ppb
Barium	137-1	19.02	19.85	18.85	19.24	2.80	ppb
Beryllium	9-1	-0.04	-0.03	-0.04	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.02	11.47	10.93	11.14	2.58	ppb
Boron	10-1	11.77	10.57	12.07	11.47	6.95	ppb
Cadmium	106-1	-0.90	-1.75	-1.77	-1.47		ppb
Cadmium	108-1	0.01	0.04	0.03	0.03	62.46	ppb
Cadmium	111-1	-0.07	-0.14	-0.12	-0.11		ppb
Calcium	43-1	70610.65	69259.57	69117.93	69662.72	1.18	ppb
Calcium	44-1	70230.54	69180.25	69156.07	69522.29	0.88	ppb
Chromium	52-2	0.34	0.37	0.23	0.31	22.96	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	10.34	ppb
Copper	63-2	2.99	3.05	3.03	3.03	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	283.57	282.04	278.70	281.44	0.89	ppb
Iron	57-2	303.43	288.07	284.07	291.85	3.50	ppb
Lead	206-1	0.09	0.09	0.09	0.09	1.02	ppb
Lead	207-1	0.10	0.09	0.09	0.09	3.27	ppb
Lead	208-1	0.09	0.08	0.09	0.09	5.31	ppb
Lithium	6-1						%
Magnesium	24-2	12329.05	11962.14	11929.55	12073.58	1.84	ppb
Manganese	55-2	61.25	60.01	59.73	60.33	1.34	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-10	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:54:46	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.46	0.43	0.40	0.43	5.98	ppb
Molybdenum	94-1	0.18	0.14	0.17	0.16	11.56	ppb
Molybdenum	95-1	0.36	0.33	0.33	0.34	4.94	ppb
Molybdenum	96-1	0.31	0.31	0.31	0.31	1.12	ppb
Molybdenum	97-1	0.37	0.30	0.29	0.32	13.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.38	0.38	0.42	16.73	ppb
Phosphorus	31-2	-18.33	3.61	3.50	-3.74		ppb
Potassium	39-2	1368.14	1272.44	1321.22	1320.60	3.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.93	0.81	-0.93	-0.35		ppb
Selenium	82-1	-0.17	0.76	0.58	0.39	126.76	ppb
Silicon	28-1	3497.58	3467.25	3470.03	3478.29	0.48	ppb
Silver	109-1	0.16	0.17	0.16	0.16	4.38	ppb
Silver	107-1	0.17	0.17	0.18	0.17	4.35	ppb
Sodium	23-2	9934.19	9837.50	9724.64	9832.11	1.07	ppb
Strontium	86-1	483.01	475.87	478.39	479.09	0.76	ppb
Strontium	88-1	492.42	482.99	490.95	488.79	1.04	ppb
Sulfur	34-1	2584.65	2284.93	2296.15	2388.58	7.11	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	2.23	2.40	2.28	2.31	3.83	ppb
Titanium	47-1	0.49	0.36	0.42	0.42	15.89	ppb
Uranium	238-1	0.70	0.69	0.72	0.70	1.96	ppb
Vanadium	51-2	0.15	0.17	0.17	0.17	6.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.53	8.48	8.95	8.66	2.96	ppb
Zirconium	90-1	0.08	0.09	0.08	0.08	4.16	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-10	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:54:46	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.08	0.07	0.09	27.30	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : I4832-11 Instrumnet Name : P8
 Client Sample ID : SU17-MSW0103 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 15:57:55 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.39	50.52	45.23	45.04	12.36	ppb
Antimony	121-1	1.44	1.38	1.42	1.41	2.24	ppb
Arsenic	75-2	1.04	0.84	1.01	0.96	11.10	ppb
Barium	135-1	24.71	23.24	23.21	23.72	3.62	ppb
Barium	137-1	25.22	23.59	23.74	24.18	3.73	ppb
Beryllium	9-1	-0.05	-0.06	-0.05	-0.05		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.96	11.28	10.75	11.33	5.38	ppb
Boron	10-1	11.34	11.35	12.70	11.80	6.66	ppb
Cadmium	106-1	-0.68	-1.80	-1.51	-1.33		ppb
Cadmium	108-1	0.01	-0.02	0.01	0.00		ppb
Cadmium	111-1	-0.03	-0.12	-0.10	-0.09		ppb
Calcium	43-1	74744.44	71263.91	71026.70	72345.02	2.88	ppb
Calcium	44-1	73425.38	70646.24	71029.96	71700.53	2.10	ppb
Chromium	52-2	0.53	0.60	0.47	0.53	12.99	ppb
Cobalt	59-2	0.18	0.19	0.16	0.17	9.21	ppb
Copper	63-2	2.61	2.59	2.57	2.59	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	442.56	460.88	453.18	452.20	2.03	ppb
Iron	57-2	462.17	479.43	440.76	460.79	4.20	ppb
Lead	206-1	0.64	0.57	0.58	0.60	6.13	ppb
Lead	207-1	0.62	0.60	0.57	0.60	3.65	ppb
Lead	208-1	0.64	0.59	0.59	0.61	4.54	ppb
Lithium	6-1						%
Magnesium	24-2	11953.73	12240.64	12095.68	12096.68	1.19	ppb
Manganese	55-2	349.88	364.81	354.70	356.46	2.14	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-11	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:57:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.33	0.33	0.38	0.35	8.50	ppb
Molybdenum	94-1	0.16	0.17	0.16	0.16	4.23	ppb
Molybdenum	95-1	0.38	0.33	0.28	0.33	15.21	ppb
Molybdenum	96-1	0.28	0.25	0.26	0.26	6.04	ppb
Molybdenum	97-1	0.31	0.28	0.27	0.29	7.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.48	0.58	0.52	9.98	ppb
Phosphorus	31-2	2.93	25.69	25.28	17.97	72.47	ppb
Potassium	39-2	1379.57	1462.39	1379.14	1407.03	3.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.07	0.00	5.03	3.37	86.61	ppb
Selenium	78-2	-0.09	1.57	-0.93	0.18	700.91	ppb
Selenium	82-1	0.25	-0.15	-0.05	0.02	1369.04	ppb
Silicon	28-1	3641.38	3498.78	3473.77	3537.98	2.56	ppb
Silver	109-1	0.15	0.16	0.13	0.15	8.35	ppb
Silver	107-1	0.16	0.14	0.14	0.15	9.79	ppb
Sodium	23-2	9521.93	9837.73	9655.61	9671.76	1.64	ppb
Strontium	86-1	504.14	484.02	480.94	489.70	2.57	ppb
Strontium	88-1	512.57	498.44	492.33	501.11	2.07	ppb
Sulfur	34-1	3250.28	2745.31	2649.95	2881.85	11.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.01		ppb
Tin	118-1	1.60	1.53	1.50	1.54	3.43	ppb
Titanium	47-1	0.72	0.78	0.80	0.76	5.79	ppb
Uranium	238-1	0.79	0.74	0.72	0.75	5.16	ppb
Vanadium	51-2	0.25	0.39	0.30	0.31	22.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.69	9.92	10.23	9.95	2.71	ppb
Zirconium	90-1	0.10	0.10	0.08	0.10	11.46	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-11	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:57:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.08	0.10	0.10	18.50	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-12	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:01:02	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.01	13.03	9.61	12.88	24.85	ppb
Antimony	121-1	1.35	1.38	1.39	1.37	1.52	ppb
Arsenic	75-2	0.71	0.72	0.60	0.68	9.79	ppb
Barium	135-1	25.70	25.57	25.59	25.62	0.28	ppb
Barium	137-1	25.81	25.77	26.14	25.90	0.78	ppb
Beryllium	9-1	-0.04	-0.06	-0.01	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	10.95	10.90	11.46	11.11	2.76	ppb
Boron	10-1	10.78	11.36	10.33	10.82	4.78	ppb
Cadmium	106-1	-0.56	-0.91	-1.39	-0.95		ppb
Cadmium	108-1	-0.07	0.06	-0.02	-0.01		ppb
Cadmium	111-1	-0.03	-0.07	-0.11	-0.07		ppb
Calcium	43-1	74157.49	73304.23	74386.70	73949.47	0.77	ppb
Calcium	44-1	73305.53	73346.27	73296.86	73316.22	0.04	ppb
Chromium	52-2	0.44	0.55	0.49	0.50	10.84	ppb
Cobalt	59-2	0.03	0.02	0.07	0.04	71.63	ppb
Copper	63-2	2.46	2.44	2.39	2.43	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	157.79	154.01	155.36	155.72	1.23	ppb
Iron	57-2	167.53	158.55	151.65	159.24	5.00	ppb
Lead	206-1	0.07	0.10	0.09	0.09	14.12	ppb
Lead	207-1	0.09	0.09	0.10	0.09	7.60	ppb
Lead	208-1	0.10	0.10	0.11	0.10	4.73	ppb
Lithium	6-1						%
Magnesium	24-2	12360.56	12534.14	12322.31	12405.67	0.91	ppb
Manganese	55-2	54.55	56.61	55.15	55.43	1.91	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-12	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:01:02	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.31	0.35	0.32	0.32	6.37	ppb
Molybdenum	94-1	0.15	0.14	0.16	0.15	7.07	ppb
Molybdenum	95-1	0.29	0.27	0.24	0.27	8.64	ppb
Molybdenum	96-1	0.24	0.26	0.23	0.25	4.60	ppb
Molybdenum	97-1	0.30	0.36	0.31	0.32	10.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.21	0.26	0.24	13.21	ppb
Phosphorus	31-2	3.09	46.76	-18.33	10.51	315.72	ppb
Potassium	39-2	1262.39	1278.10	1243.57	1261.35	1.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.98	0.00	0.00	1.66	173.21	ppb
Selenium	78-2	-0.93	-0.93	-0.93	-0.93		ppb
Selenium	82-1	0.23	0.09	0.25	0.19	47.26	ppb
Silicon	28-1	3804.68	3810.03	3910.98	3841.90	1.56	ppb
Silver	109-1	0.16	0.14	0.15	0.15	6.71	ppb
Silver	107-1	0.17	0.16	0.16	0.16	3.63	ppb
Sodium	23-2	9987.86	10089.62	9909.20	9995.56	0.90	ppb
Strontium	86-1	487.15	491.75	493.24	490.72	0.65	ppb
Strontium	88-1	502.85	502.70	509.31	504.96	0.75	ppb
Sulfur	34-1	3596.14	3496.15	3666.76	3586.35	2.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	1.41	1.40	1.43	1.41	0.78	ppb
Titanium	47-1	0.47	0.24	0.29	0.33	36.52	ppb
Uranium	238-1	0.74	0.77	0.77	0.76	2.51	ppb
Vanadium	51-2	0.07	0.10	0.11	0.09	24.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.02	8.20	8.55	8.26	3.27	ppb
Zirconium	90-1	0.06	0.07	0.06	0.06	6.05	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-12	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:01:02	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.06	0.06	3.74	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-13	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:04:11	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.91	9.72	9.70	8.11	34.18	ppb
Antimony	121-1	1.26	1.26	1.27	1.26	0.51	ppb
Arsenic	75-2	0.58	0.85	0.33	0.59	43.78	ppb
Barium	135-1	27.64	26.42	26.73	26.93	2.36	ppb
Barium	137-1	27.52	27.21	27.49	27.41	0.63	ppb
Beryllium	9-1	-0.08	-0.01	-0.02	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.98	10.53	10.18	10.23	2.73	ppb
Boron	10-1	10.06	10.74	8.98	9.93	8.91	ppb
Cadmium	106-1	-0.45	-1.13	-0.91	-0.83		ppb
Cadmium	108-1	-0.07	-0.05	-0.05	-0.06		ppb
Cadmium	111-1	-0.02	-0.08	-0.05	-0.05		ppb
Calcium	43-1	80916.03	81871.85	79679.21	80822.36	1.36	ppb
Calcium	44-1	79815.44	80128.77	79849.98	79931.40	0.21	ppb
Chromium	52-2	0.70	0.91	0.52	0.71	27.22	ppb
Cobalt	59-2	0.08	0.05	0.06	0.07	21.02	ppb
Copper	63-2	2.60	2.71	2.87	2.73	5.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	214.31	215.48	210.58	213.46	1.20	ppb
Iron	57-2	225.61	216.02	229.09	223.57	3.03	ppb
Lead	206-1	0.08	0.10	0.08	0.09	15.93	ppb
Lead	207-1	0.08	0.09	0.10	0.09	13.27	ppb
Lead	208-1	0.09	0.10	0.09	0.09	9.81	ppb
Lithium	6-1						%
Magnesium	24-2	11958.73	11943.53	12048.28	11983.51	0.47	ppb
Manganese	55-2	86.91	90.22	89.72	88.95	2.01	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-13	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:04:11	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.36	0.37	0.37	0.37	1.94	ppb
Molybdenum	94-1	0.18	0.15	0.15	0.16	9.68	ppb
Molybdenum	95-1	0.32	0.32	0.37	0.34	7.96	ppb
Molybdenum	96-1	0.31	0.33	0.27	0.30	9.27	ppb
Molybdenum	97-1	0.35	0.33	0.34	0.34	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.88	0.91	0.81	18.98	ppb
Phosphorus	31-2	-18.33	24.64	-18.33	-4.01		ppb
Potassium	39-2	1483.44	1461.99	1480.25	1475.23	0.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.98	0.00	5.00	3.33	86.60	ppb
Selenium	78-2	-0.93	0.71	0.72	0.17	566.37	ppb
Selenium	82-1	0.41	-0.26	0.87	0.34	168.58	ppb
Silicon	28-1	4091.26	4117.84	4075.11	4094.74	0.53	ppb
Silver	109-1	0.12	0.14	0.12	0.13	6.43	ppb
Silver	107-1	0.15	0.11	0.13	0.13	14.13	ppb
Sodium	23-2	8634.35	8712.42	8702.98	8683.25	0.49	ppb
Strontium	86-1	508.31	514.49	504.70	509.17	0.97	ppb
Strontium	88-1	524.17	521.54	517.81	521.17	0.61	ppb
Sulfur	34-1	3616.34	3656.95	3517.18	3596.82	2.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	1.15	1.24	1.60	1.33	17.98	ppb
Titanium	47-1	0.24	0.28	0.34	0.29	17.24	ppb
Uranium	238-1	0.66	0.65	0.66	0.66	0.97	ppb
Vanadium	51-2	0.07	0.06	0.07	0.07	4.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.26	12.53	12.15	11.98	5.44	ppb
Zirconium	90-1	0.08	0.06	0.08	0.07	14.34	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-13	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:04:11	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.06	0.06	5.50	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-14	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:07:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.77	7.53	14.74	8.02	81.10	ppb
Antimony	121-1	1.42	1.42	1.37	1.41	1.97	ppb
Arsenic	75-2	1.13	1.60	1.83	1.52	23.68	ppb
Barium	135-1	32.68	32.95	32.73	32.79	0.43	ppb
Barium	137-1	34.08	33.71	33.64	33.81	0.70	ppb
Beryllium	9-1	-0.04	-0.02	-0.04	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	10.43	10.79	10.13	10.45	3.21	ppb
Boron	10-1	10.05	11.27	11.29	10.87	6.54	ppb
Cadmium	106-1	-1.46	-1.77	-1.37	-1.54		ppb
Cadmium	108-1	-0.07	-0.07	0.09	-0.02		ppb
Cadmium	111-1	-0.10	-0.11	-0.11	-0.11		ppb
Calcium	43-1	89206.67	87482.85	87281.64	87990.39	1.20	ppb
Calcium	44-1	87784.24	87646.96	87564.83	87665.35	0.13	ppb
Chromium	52-2	3.11	3.63	3.34	3.36	7.63	ppb
Cobalt	59-2	0.16	0.19	0.20	0.18	10.77	ppb
Copper	63-2	2.74	3.20	2.78	2.91	8.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2020.86	2297.35	2059.44	2125.88	7.04	ppb
Iron	57-2	2074.09	2288.74	2073.40	2145.41	5.79	ppb
Lead	206-1	0.16	0.15	0.15	0.15	4.14	ppb
Lead	207-1	0.13	0.13	0.16	0.14	12.18	ppb
Lead	208-1	0.15	0.15	0.15	0.15	3.28	ppb
Lithium	6-1						%
Magnesium	24-2	10696.59	11991.15	10814.32	11167.35	6.41	ppb
Manganese	55-2	545.41	613.35	552.31	570.36	6.56	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-14	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:07:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.41	0.41	0.38	0.40	4.85	ppb
Molybdenum	94-1	0.33	0.25	0.32	0.30	13.47	ppb
Molybdenum	95-1	0.33	0.33	0.35	0.34	3.75	ppb
Molybdenum	96-1	0.33	0.35	0.35	0.34	4.32	ppb
Molybdenum	97-1	0.29	0.29	0.29	0.29	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.53	2.18	1.83	1.85	17.63	ppb
Phosphorus	31-2	2.91	29.95	-18.33	4.84	499.62	ppb
Potassium	39-2	2087.62	2379.08	2084.83	2183.84	7.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	10.13	0.00	0.00	3.38	173.21	ppb
Selenium	78-2	-0.10	-0.93	-0.93	-0.65		ppb
Selenium	82-1	0.83	0.17	0.03	0.35	123.05	ppb
Silicon	28-1	4138.80	4161.96	4139.67	4146.81	0.32	ppb
Silver	109-1	0.14	0.13	0.15	0.14	6.19	ppb
Silver	107-1	0.14	0.12	0.11	0.12	11.78	ppb
Sodium	23-2	4289.39	4892.78	4447.15	4543.11	6.89	ppb
Strontium	86-1	484.48	483.47	491.45	486.46	0.89	ppb
Strontium	88-1	498.12	496.59	495.74	496.82	0.24	ppb
Sulfur	34-1	5286.54	5279.43	5251.91	5272.63	0.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	1.26	1.37	1.40	1.34	5.55	ppb
Titanium	47-1	0.45	0.45	0.35	0.42	13.71	ppb
Uranium	238-1	0.71	0.67	0.69	0.69	2.52	ppb
Vanadium	51-2	0.27	0.39	0.27	0.31	21.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.49	13.39	13.11	12.67	8.09	ppb
Zirconium	90-1	0.24	0.27	0.25	0.25	6.12	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-14	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:07:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.21	0.18	0.22	20.08	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BL	Instrumnet Name :	P8
Client Sample ID :	PB101635BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:10:26	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.14	5.78	1.98	166.09	ppb
Antimony	121-1	0.04	0.07	0.03	0.05	32.38	ppb
Arsenic	75-2	-0.07	-0.07	-0.06	-0.07		ppb
Barium	135-1	-0.03	-0.01	-0.02	-0.02		ppb
Barium	137-1	-0.04	-0.03	-0.02	-0.03		ppb
Beryllium	9-1	-0.06	-0.05	-0.06	-0.06		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	1.07	1.23	1.42	1.24	14.12	ppb
Boron	10-1	0.83	0.97	0.79	0.86	11.15	ppb
Cadmium	106-1	-1.17	-0.25	-1.27	-0.90		ppb
Cadmium	108-1	-0.02	-0.07	-0.05	-0.05		ppb
Cadmium	111-1	-0.10	-0.03	-0.11	-0.08		ppb
Calcium	43-1	-3.44	-8.32	-2.52	-4.76		ppb
Calcium	44-1	-13.09	-9.43	-9.27	-10.60		ppb
Chromium	52-2	-0.09	-0.02	-0.12	-0.08		ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.04		ppb
Copper	63-2	0.10	0.09	0.08	0.09	9.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.35	0.69	0.39	0.48	39.35	ppb
Iron	57-2	1.53	-0.53	3.56	1.52	134.66	ppb
Lead	206-1	-0.07	-0.07	-0.07	-0.07		ppb
Lead	207-1	-0.05	-0.06	-0.06	-0.06		ppb
Lead	208-1	-0.06	-0.06	-0.05	-0.06		ppb
Lithium	6-1						%
Magnesium	24-2	0.81	0.23	1.22	0.76	66.08	ppb
Manganese	55-2	0.00	-0.06	-0.01	-0.02		ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BL	Instrumnet Name :	P8
Client Sample ID :	PB101635BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:10:26	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.03	-0.03	-0.04	-0.03		ppb
Molybdenum	96-1	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	97-1	-0.04	-0.04	-0.04	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.07	-0.06	-0.05		ppb
Phosphorus	31-2	-18.33	2.02	-18.33	-11.55		ppb
Potassium	39-2	-2.69	17.84	24.19	13.11	107.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.93	0.61	1.21	0.30	371.69	ppb
Selenium	82-1	-0.26	-0.27	-0.16	-0.23		ppb
Silicon	28-1	-12.95	-11.77	-9.58	-11.43		ppb
Silver	109-1	0.04	0.04	0.04	0.04	1.36	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.24	ppb
Sodium	23-2	10.20	5.48	8.54	8.07	29.67	ppb
Strontium	86-1	0.05	0.00	0.01	0.02	120.31	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-515.82	-507.42	-527.24	-516.83		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.01	0.03	0.00	0.00	411.69	ppb
Titanium	47-1	0.05	-0.02	-0.01	0.01	611.60	ppb
Uranium	238-1	-0.03	-0.04	-0.03	-0.03		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	283.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.29	0.63	0.32	0.41	45.09	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	55.97	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BL	Instrumnet Name :	P8
Client Sample ID :	PB101635BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:10:26	DataFile Name :	041SMPL.d

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

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:13:35	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54646.61	50735.58	50157.15	51846.45	4.71	ppb
Antimony	121-1	489.47	490.69	489.95	490.04	0.12	ppb
Arsenic	75-2	551.68	506.66	504.75	521.03	5.10	ppb
Barium	135-1	2553.73	2540.47	2510.86	2535.02	0.87	ppb
Barium	137-1	2548.83	2530.17	2516.12	2531.71	0.65	ppb
Beryllium	9-1	476.41	485.07	478.06	479.84	0.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	463.78	472.26	471.26	469.10	0.99	ppb
Boron	10-1	460.45	465.57	472.32	466.11	1.28	ppb
Cadmium	106-1	494.41	489.92	492.18	492.17	0.46	ppb
Cadmium	108-1	499.69	487.12	497.76	494.86	1.37	ppb
Cadmium	111-1	491.18	485.93	480.50	485.87	1.10	ppb
Calcium	43-1	243589.45	244680.27	244126.02	244131.92	0.22	ppb
Calcium	44-1	244394.57	243601.94	243896.61	243964.37	0.16	ppb
Chromium	52-2	559.70	518.05	526.56	534.77	4.11	ppb
Cobalt	59-2	548.65	506.81	510.97	522.14	4.41	ppb
Copper	63-2	1116.17	1051.01	1049.29	1072.16	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	137626.25	127065.42	127873.22	130854.96	4.49	ppb
Iron	57-2	140160.94	131860.72	130571.05	134197.57	3.88	ppb
Lead	206-1	516.24	512.26	513.87	514.12	0.39	ppb
Lead	207-1	515.94	513.16	514.88	514.66	0.27	ppb
Lead	208-1	514.85	508.35	512.31	511.84	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	274929.81	253883.94	257274.01	262029.26	4.31	ppb
Manganese	55-2	1104.79	1024.82	1035.92	1055.17	4.11	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:13:35	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	501.75	510.40	511.56	507.90	1.06	ppb
Molybdenum	94-1	507.85	506.63	509.08	507.85	0.24	ppb
Molybdenum	95-1	508.84	514.28	511.72	511.61	0.53	ppb
Molybdenum	96-1	511.54	512.84	513.61	512.66	0.20	ppb
Molybdenum	97-1	501.97	502.87	498.03	500.96	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.73	510.60	515.38	525.57	4.17	ppb
Phosphorus	31-2	10429.96	10468.80	10017.92	10305.56	2.42	ppb
Potassium	39-2	138535.10	126468.33	128372.76	131125.40	4.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	532.12	519.31	481.93	511.12	5.10	ppb
Selenium	78-2	562.65	501.81	513.47	525.98	6.14	ppb
Selenium	82-1	495.80	492.93	498.00	495.58	0.51	ppb
Silicon	28-1	547.61	564.08	552.84	554.84	1.52	ppb
Silver	109-1	504.96	499.88	500.08	501.64	0.57	ppb
Silver	107-1	505.21	497.12	497.87	500.07	0.89	ppb
Sodium	23-2	280149.76	260816.70	258831.63	266599.36	4.42	ppb
Strontium	86-1	516.91	528.96	524.56	523.48	1.16	ppb
Strontium	88-1	516.64	520.36	525.69	520.90	0.87	ppb
Sulfur	34-1	10258.24	10265.24	10073.60	10199.03	1.07	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	515.90	503.31	512.68	510.63	1.28	ppb
Thallium	205-1	507.17	498.41	508.00	504.53	1.05	ppb
Tin	118-1	511.17	504.51	511.83	509.17	0.80	ppb
Titanium	47-1	505.66	500.80	499.66	502.04	0.63	ppb
Uranium	238-1	514.71	518.70	523.51	518.97	0.85	ppb
Vanadium	51-2	561.83	519.97	526.00	535.93	4.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1092.91	1024.84	1027.16	1048.30	3.69	ppb
Zirconium	90-1	506.75	506.47	505.76	506.33	0.10	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:13:35	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.56	511.05	515.43	513.01	0.43	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P8
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 16:16:32 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.74	0.08	0.08	1.64	164.44	ppb
Antimony	121-1	0.29	0.26	0.28	0.28	3.99	ppb
Arsenic	75-2	-0.09	-0.07	-0.02	-0.06		ppb
Barium	135-1	-0.02	-0.03	-0.02	-0.02		ppb
Barium	137-1	-0.04	-0.03	-0.04	-0.04		ppb
Beryllium	9-1	0.00	0.05	-0.02	0.01	599.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	10.63	9.11	7.96	9.24	14.47	ppb
Boron	10-1	9.28	9.52	7.72	8.84	11.04	ppb
Cadmium	106-1	-0.52	-1.11	-0.90	-0.85		ppb
Cadmium	108-1	0.04	0.09	-0.05	0.03	265.64	ppb
Cadmium	111-1	-0.01	-0.05	-0.03	-0.03		ppb
Calcium	43-1	1.46	-3.21	-6.17	-2.64		ppb
Calcium	44-1	-7.04	-7.36	-4.74	-6.38		ppb
Chromium	52-2	-0.09	0.06	-0.02	-0.02		ppb
Cobalt	59-2	-0.04	-0.04	-0.04	-0.04		ppb
Copper	63-2	0.11	0.13	0.11	0.12	8.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.75	1.33	1.27	1.45	18.05	ppb
Iron	57-2	2.35	2.85	1.32	2.17	35.93	ppb
Lead	206-1	-0.04	-0.04	-0.03	-0.04		ppb
Lead	207-1	-0.01	-0.02	-0.03	-0.02		ppb
Lead	208-1	-0.02	-0.03	-0.02	-0.03		ppb
Lithium	6-1						%
Magnesium	24-2	0.90	1.55	0.98	1.14	31.24	ppb
Manganese	55-2	-0.05	0.03	-0.12	-0.05		ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:16:32	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.03	0.00	0.01	0.02	95.12	ppb
Molybdenum	94-1	0.03	0.04	0.03	0.03	19.66	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	42.51	ppb
Molybdenum	96-1	-0.01	0.02	0.02	0.01	129.64	ppb
Molybdenum	97-1	0.03	0.00	0.00	0.01	297.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.07	0.00	-0.04		ppb
Phosphorus	31-2	-18.33	1.24	1.27	-5.27		ppb
Potassium	39-2	35.87	22.42	5.19	21.16	72.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	4.47	0.00	1.49	173.21	ppb
Selenium	78-2	-0.93	-0.19	0.53	-0.20		ppb
Selenium	82-1	0.22	-0.56	0.20	-0.05		ppb
Silicon	28-1	-9.14	-11.15	-8.41	-9.57		ppb
Silver	109-1	0.05	0.05	0.05	0.05	2.85	ppb
Silver	107-1	0.05	0.04	0.04	0.04	18.24	ppb
Sodium	23-2	31.87	23.29	25.64	26.93	16.46	ppb
Strontium	86-1	0.04	-0.01	-0.01	0.01	320.34	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-702.35	-817.78	-730.55	-750.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.02	0.03	25.11	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.67	ppb
Tin	118-1	0.06	0.09	0.06	0.07	24.46	ppb
Titanium	47-1	-0.02	0.01	0.03	0.01	295.10	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.00	0.00	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.16	0.28	0.12	0.19	43.31	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	2.97	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:16:32	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.04	0.03	39.17	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BS	Instrumnet Name :	P8
Client Sample ID :	PB101635BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:19:42	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9883.49	9661.28	10016.35	9853.71	1.82	ppb
Antimony	121-1	510.75	509.02	508.68	509.48	0.22	ppb
Arsenic	75-2	498.45	499.98	545.80	514.74	5.23	ppb
Barium	135-1	2558.73	2565.31	2575.83	2566.62	0.34	ppb
Barium	137-1	2546.55	2560.73	2543.20	2550.16	0.36	ppb
Beryllium	9-1	472.95	472.30	478.57	474.61	0.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	439.59	452.43	460.35	450.79	2.32	ppb
Boron	10-1	449.65	460.92	464.62	458.40	1.70	ppb
Cadmium	106-1	501.18	504.79	509.00	504.99	0.78	ppb
Cadmium	108-1	512.75	508.12	505.43	508.76	0.73	ppb
Cadmium	111-1	500.71	501.69	503.35	501.92	0.27	ppb
Calcium	43-1	48448.88	47950.42	48326.59	48241.96	0.54	ppb
Calcium	44-1	49173.81	48758.90	48992.37	48975.03	0.42	ppb
Chromium	52-2	511.60	505.35	541.57	519.51	3.73	ppb
Cobalt	59-2	510.55	506.89	538.04	518.49	3.28	ppb
Copper	63-2	1060.34	1055.69	1103.28	1073.10	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26462.13	25965.37	27247.00	26558.17	2.43	ppb
Iron	57-2	26337.70	25830.90	27453.13	26540.58	3.13	ppb
Lead	206-1	505.28	507.21	508.01	506.83	0.28	ppb
Lead	207-1	499.65	502.06	508.80	503.50	0.94	ppb
Lead	208-1	500.66	502.67	507.14	503.49	0.66	ppb
Lithium	6-1						%
Magnesium	24-2	53998.86	52296.35	55333.33	53876.18	2.83	ppb
Manganese	55-2	1030.82	997.27	1070.45	1032.85	3.55	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BS	Instrumnet Name :	P8
Client Sample ID :	PB101635BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:19:42	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	489.67	501.67	498.73	496.69	1.26	ppb
Molybdenum	94-1	496.84	503.76	500.06	500.22	0.69	ppb
Molybdenum	95-1	493.88	507.99	505.73	502.53	1.51	ppb
Molybdenum	96-1	494.92	504.02	502.85	500.60	0.99	ppb
Molybdenum	97-1	485.58	488.77	489.42	487.92	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.94	518.77	545.65	528.12	2.88	ppb
Phosphorus	31-2	10637.19	9561.56	10945.29	10381.35	7.00	ppb
Potassium	39-2	25307.14	24957.98	26584.69	25616.60	3.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	539.51	450.88	492.73	494.37	8.97	ppb
Selenium	78-2	511.37	468.19	559.32	512.96	8.89	ppb
Selenium	82-1	493.19	505.05	502.40	500.21	1.24	ppb
Silicon	28-1	553.31	549.85	561.12	554.76	1.04	ppb
Silver	109-1	522.60	522.26	519.48	521.45	0.33	ppb
Silver	107-1	522.00	517.08	521.38	520.15	0.52	ppb
Sodium	23-2	52537.42	51952.03	54993.87	53161.11	3.04	ppb
Strontium	86-1	499.34	500.99	508.47	502.93	0.97	ppb
Strontium	88-1	499.57	500.60	503.41	501.19	0.40	ppb
Sulfur	34-1	9720.73	9343.07	9426.15	9496.65	2.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	501.12	502.32	506.46	503.30	0.56	ppb
Thallium	205-1	496.06	494.19	500.94	497.06	0.70	ppb
Tin	118-1	512.39	510.90	510.95	511.41	0.16	ppb
Titanium	47-1	493.59	490.70	493.73	492.68	0.35	ppb
Uranium	238-1	486.80	492.36	486.18	488.44	0.70	ppb
Vanadium	51-2	508.63	502.94	537.25	516.27	3.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1015.94	995.53	1069.06	1026.85	3.70	ppb
Zirconium	90-1	487.21	498.77	499.61	495.20	1.40	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BS	Instrumnet Name :	P8
Client Sample ID :	PB101635BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:19:42	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.86	504.33	502.27	503.16	0.21	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.40	41.58	38.84	41.94	7.85	ppb
Antimony	121-1	3.03	2.61	2.32	2.65	13.56	ppb
Arsenic	75-2	0.39	0.42	0.44	0.42	5.39	ppb
Barium	135-1	32.73	32.65	32.22	32.53	0.85	ppb
Barium	137-1	32.64	33.12	32.51	32.76	0.98	ppb
Beryllium	9-1	-0.01	-0.01	0.04	0.01	331.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	20.89	20.10	19.47	20.15	3.52	ppb
Boron	10-1	21.70	18.85	19.80	20.12	7.21	ppb
Cadmium	106-1	-1.27	-0.83	-0.86	-0.99		ppb
Cadmium	108-1	0.18	0.12	0.12	0.14	23.88	ppb
Cadmium	111-1	0.04	0.03	0.02	0.03	32.21	ppb
Calcium	43-1	79816.45	80822.84	80223.29	80287.53	0.63	ppb
Calcium	44-1	79315.73	79539.48	79227.33	79360.85	0.20	ppb
Chromium	52-2	0.58	0.47	0.61	0.56	12.96	ppb
Cobalt	59-2	0.03	0.01	0.01	0.02	81.08	ppb
Copper	63-2	1.98	2.02	2.19	2.06	5.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	53.25	53.01	57.30	54.52	4.42	ppb
Iron	57-2	59.38	66.15	59.54	61.69	6.27	ppb
Lead	206-1	0.19	0.13	0.12	0.15	25.72	ppb
Lead	207-1	0.17	0.15	0.11	0.14	21.41	ppb
Lead	208-1	0.18	0.15	0.13	0.15	17.03	ppb
Lithium	6-1						%
Magnesium	24-2	13601.94	13190.45	14617.39	13803.26	5.32	ppb
Manganese	55-2	19.40	18.54	21.13	19.69	6.71	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.18	0.23	0.18	0.20	15.15	ppb
Molybdenum	94-1	0.10	0.14	0.10	0.12	20.27	ppb
Molybdenum	95-1	0.16	0.11	0.17	0.15	21.69	ppb
Molybdenum	96-1	0.15	0.17	0.12	0.15	18.22	ppb
Molybdenum	97-1	0.22	0.19	0.17	0.19	13.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.46	1.37	1.39	1.41	3.32	ppb
Phosphorus	31-2	-18.33	-18.33	4.40	-10.76		ppb
Potassium	39-2	779.91	707.35	838.04	775.10	8.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	4.97	0.00	1.66	173.21	ppb
Selenium	78-2	-0.93	0.70	0.80	0.19	504.45	ppb
Selenium	82-1	0.12	0.34	0.31	0.26	47.94	ppb
Silicon	28-1	3613.63	3669.95	3600.43	3628.01	1.02	ppb
Silver	109-1	0.36	0.33	0.29	0.33	11.23	ppb
Silver	107-1	0.35	0.35	0.32	0.34	6.11	ppb
Sodium	23-2	26637.01	26519.32	28580.67	27245.67	4.25	ppb
Strontium	86-1	571.42	556.80	563.32	563.85	1.30	ppb
Strontium	88-1	561.11	553.42	566.56	560.36	1.18	ppb
Sulfur	34-1	2962.27	2957.06	2783.94	2901.09	3.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.04	0.04	0.06	38.84	ppb
Thallium	205-1	0.06	0.04	0.02	0.04	47.77	ppb
Tin	118-1	1.78	1.75	1.71	1.75	2.16	ppb
Titanium	47-1	0.43	0.76	0.64	0.61	27.54	ppb
Uranium	238-1	0.47	0.47	0.50	0.48	4.04	ppb
Vanadium	51-2	0.22	0.14	0.11	0.16	36.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.61	9.30	12.29	10.40	15.77	ppb
Zirconium	90-1	0.11	0.10	0.08	0.10	12.59	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.12	0.09	0.10	15.93	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:25:50	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.59	35.19	34.34	31.04	20.83	ppb
Antimony	121-1	1.48	1.52	1.54	1.51	1.91	ppb
Arsenic	75-2	0.45	0.50	0.45	0.47	6.05	ppb
Barium	135-1	32.96	32.22	32.11	32.43	1.43	ppb
Barium	137-1	32.40	32.81	32.03	32.41	1.20	ppb
Beryllium	9-1	-0.01	-0.01	-0.03	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	12.98	12.41	12.13	12.50	3.46	ppb
Boron	10-1	11.47	13.85	11.45	12.26	11.25	ppb
Cadmium	106-1	-1.65	-0.99	-1.37	-1.33		ppb
Cadmium	108-1	0.06	-0.05	-0.07	-0.02		ppb
Cadmium	111-1	-0.10	-0.05	-0.08	-0.08		ppb
Calcium	43-1	81878.47	80884.60	80513.46	81092.18	0.87	ppb
Calcium	44-1	80529.79	79340.03	80488.72	80119.51	0.84	ppb
Chromium	52-2	0.54	0.58	0.59	0.57	5.02	ppb
Cobalt	59-2	-0.01	0.01	0.01	0.00	343.95	ppb
Copper	63-2	2.11	1.98	1.89	2.00	5.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	53.87	54.20	53.58	53.88	0.58	ppb
Iron	57-2	50.67	50.42	52.49	51.20	2.21	ppb
Lead	206-1	0.06	0.07	0.06	0.06	8.30	ppb
Lead	207-1	0.09	0.06	0.09	0.08	16.47	ppb
Lead	208-1	0.07	0.07	0.07	0.07	2.30	ppb
Lithium	6-1						%
Magnesium	24-2	13634.82	13812.72	13487.58	13645.04	1.19	ppb
Manganese	55-2	20.44	20.13	20.15	20.24	0.87	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:25:50	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.16	0.13	0.13	0.14	10.34	ppb
Molybdenum	94-1	0.10	0.08	0.08	0.09	11.95	ppb
Molybdenum	95-1	0.09	0.08	0.09	0.09	4.35	ppb
Molybdenum	96-1	0.10	0.11	0.11	0.11	5.37	ppb
Molybdenum	97-1	0.10	0.10	0.07	0.09	16.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.94	0.96	0.99	6.63	ppb
Phosphorus	31-2	-18.33	-18.33	23.81	-4.28		ppb
Potassium	39-2	779.21	732.20	712.32	741.24	4.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.93	0.75	0.72	0.18	530.69	ppb
Selenium	82-1	0.31	0.47	0.22	0.33	38.21	ppb
Silicon	28-1	3663.62	3622.31	3657.80	3647.91	0.61	ppb
Silver	109-1	0.21	0.20	0.18	0.20	9.77	ppb
Silver	107-1	0.22	0.20	0.18	0.20	8.35	ppb
Sodium	23-2	26830.01	27717.55	27123.12	27223.56	1.66	ppb
Strontium	86-1	562.90	561.79	557.84	560.84	0.48	ppb
Strontium	88-1	566.59	571.47	557.62	565.23	1.24	ppb
Sulfur	34-1	3455.31	3208.86	3366.27	3343.48	3.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	118.59	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	1.19	1.25	1.26	1.23	2.87	ppb
Titanium	47-1	0.60	0.46	0.60	0.55	14.50	ppb
Uranium	238-1	0.49	0.49	0.46	0.48	3.36	ppb
Vanadium	51-2	0.09	0.15	0.19	0.15	32.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.17	9.79	8.93	9.30	4.76	ppb
Zirconium	90-1	0.07	0.05	0.07	0.07	15.41	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:25:50	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.06	0.06	11.19	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 16:28:56	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.38	8.63	4.37	7.79	39.69	ppb
Antimony	121-1	0.42	0.38	0.38	0.39	6.15	ppb
Arsenic	75-2	-0.04	-0.09	0.00	-0.04		ppb
Barium	135-1	6.54	6.25	6.33	6.37	2.35	ppb
Barium	137-1	6.38	6.27	6.49	6.38	1.73	ppb
Beryllium	9-1	-0.04	0.00	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	5.91	5.28	5.37	5.52	6.21	ppb
Boron	10-1	6.69	5.23	4.92	5.62	16.85	ppb
Cadmium	106-1	-0.40	-1.51	0.07	-0.61		ppb
Cadmium	108-1	-0.05	0.03	-0.08	-0.03		ppb
Cadmium	111-1	-0.03	-0.12	-0.01	-0.05		ppb
Calcium	43-1	15077.29	15285.50	15223.32	15195.37	0.70	ppb
Calcium	44-1	15377.73	15617.36	15445.57	15480.22	0.80	ppb
Chromium	52-2	0.12	0.07	-0.01	0.06	116.16	ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.03		ppb
Copper	63-2	0.37	0.42	0.38	0.39	7.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	11.05	10.86	10.70	10.87	1.62	ppb
Iron	57-2	15.47	11.54	9.69	12.23	24.15	ppb
Lead	206-1	-0.03	-0.04	-0.03	-0.03		ppb
Lead	207-1	-0.04	-0.05	-0.02	-0.04		ppb
Lead	208-1	-0.04	-0.03	-0.02	-0.03		ppb
Lithium	6-1						%
Magnesium	24-2	2729.55	2617.53	2614.56	2653.88	2.47	ppb
Manganese	55-2	3.91	4.16	3.90	3.99	3.74	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 16:28:56	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.01	0.01	0.00	190.00	ppb
Molybdenum	94-1	0.01	0.01	0.00	0.01	47.70	ppb
Molybdenum	95-1	0.00	0.02	-0.01	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.02	0.01	216.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.35	0.16	0.27	35.63	ppb
Phosphorus	31-2	1.59	1.02	20.56	7.72	144.00	ppb
Potassium	39-2	157.46	142.75	135.28	145.16	7.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	2.05	-0.93	0.31	501.12	ppb
Selenium	82-1	-0.23	0.12	0.22	0.04	642.55	ppb
Silicon	28-1	715.42	720.74	709.79	715.32	0.77	ppb
Silver	109-1	0.08	0.09	0.09	0.09	6.88	ppb
Silver	107-1	0.07	0.08	0.07	0.07	8.79	ppb
Sodium	23-2	5108.52	4955.29	4947.51	5003.77	1.81	ppb
Strontium	86-1	105.22	106.03	106.33	105.86	0.54	ppb
Strontium	88-1	111.06	109.44	109.79	110.10	0.77	ppb
Sulfur	34-1	335.08	426.56	365.02	375.55	12.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.14	0.10	0.10	0.11	24.21	ppb
Titanium	47-1	0.14	0.19	0.10	0.14	29.00	ppb
Uranium	238-1	0.08	0.07	0.07	0.07	3.59	ppb
Vanadium	51-2	0.02	0.05	0.02	0.03	59.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.25	2.10	1.93	2.10	7.61	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	37.28	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 16:28:56	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	252.72	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MS	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:32:04	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9648.95	9409.06	9106.91	9388.30	2.89	ppb
Antimony	121-1	507.13	507.41	494.41	502.98	1.48	ppb
Arsenic	75-2	559.22	537.52	544.39	547.04	2.03	ppb
Barium	135-1	2453.18	2457.80	2379.54	2430.18	1.81	ppb
Barium	137-1	2434.82	2443.11	2403.56	2427.16	0.86	ppb
Beryllium	9-1	401.87	393.82	391.33	395.67	1.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	347.49	352.94	355.42	351.95	1.15	ppb
Boron	10-1	362.98	364.07	361.77	362.94	0.32	ppb
Cadmium	106-1	489.45	486.58	483.50	486.51	0.61	ppb
Cadmium	108-1	494.53	503.15	496.08	497.92	0.92	ppb
Cadmium	111-1	492.16	491.57	485.90	489.88	0.71	ppb
Calcium	43-1	129205.71	129871.83	127625.16	128900.90	0.90	ppb
Calcium	44-1	128350.89	129078.19	126881.15	128103.41	0.87	ppb
Chromium	52-2	570.93	547.06	549.67	555.89	2.36	ppb
Cobalt	59-2	562.14	539.64	543.95	548.58	2.18	ppb
Copper	63-2	1134.49	1070.85	1080.57	1095.30	3.13	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26667.55	25646.36	25434.85	25916.25	2.54	ppb
Iron	57-2	26416.96	25263.41	25473.22	25717.86	2.39	ppb
Lead	206-1	517.70	533.35	526.21	525.76	1.49	ppb
Lead	207-1	520.24	535.63	524.32	526.73	1.51	ppb
Lead	208-1	520.89	531.85	525.20	525.98	1.05	ppb
Lithium	6-1						%
Magnesium	24-2	74263.45	71690.61	71232.78	72395.61	2.26	ppb
Manganese	55-2	1041.69	989.07	1001.82	1010.86	2.72	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MS	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:32:04	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	499.27	501.02	497.75	499.35	0.33	ppb
Molybdenum	94-1	513.21	507.78	505.83	508.94	0.75	ppb
Molybdenum	95-1	495.95	500.22	502.94	499.70	0.70	ppb
Molybdenum	96-1	501.21	505.50	505.08	503.93	0.47	ppb
Molybdenum	97-1	485.55	482.42	485.08	484.35	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	574.47	551.14	555.87	560.49	2.20	ppb
Phosphorus	31-2	25.82	24.11	45.42	31.78	37.26	ppb
Potassium	39-2	25558.43	24726.19	24912.29	25065.64	1.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	509.40	532.61	512.69	518.23	2.42	ppb
Selenium	78-2	536.73	488.37	501.59	508.90	4.91	ppb
Selenium	82-1	509.25	511.42	510.97	510.55	0.22	ppb
Silicon	28-1	4023.02	4037.98	3969.53	4010.18	0.90	ppb
Silver	109-1	494.73	496.67	485.85	492.42	1.17	ppb
Silver	107-1	494.56	492.94	483.82	490.44	1.18	ppb
Sodium	23-2	84889.95	81236.59	81932.95	82686.50	2.35	ppb
Strontium	86-1	545.70	554.50	554.94	551.71	0.95	ppb
Strontium	88-1	552.26	550.63	550.43	551.10	0.18	ppb
Sulfur	34-1	3302.47	3311.91	2911.16	3175.18	7.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	535.28	541.93	534.40	537.20	0.77	ppb
Thallium	205-1	526.43	539.89	528.50	531.61	1.36	ppb
Tin	118-1	463.37	462.77	454.40	460.18	1.09	ppb
Titanium	47-1	484.33	483.19	473.22	480.25	1.27	ppb
Uranium	238-1	504.71	518.98	510.57	511.42	1.40	ppb
Vanadium	51-2	550.65	530.56	530.96	537.39	2.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1016.63	970.09	974.19	986.97	2.61	ppb
Zirconium	90-1	510.01	509.92	509.85	509.93	0.02	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MS	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:32:04	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	517.91	513.87	504.62	512.13	1.33	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MSD	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:35:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9530.53	9220.00	10661.73	9804.09	7.74	ppb
Antimony	121-1	516.83	506.84	510.11	511.26	1.00	ppb
Arsenic	75-2	529.20	542.60	602.45	558.08	6.99	ppb
Barium	135-1	2476.38	2433.67	2444.34	2451.47	0.91	ppb
Barium	137-1	2440.35	2423.06	2457.73	2440.38	0.71	ppb
Beryllium	9-1	424.04	417.67	410.52	417.41	1.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	379.61	381.77	377.50	379.63	0.56	ppb
Boron	10-1	372.86	394.01	392.44	386.44	3.05	ppb
Cadmium	106-1	492.45	489.21	491.57	491.07	0.34	ppb
Cadmium	108-1	494.55	504.31	497.77	498.88	1.00	ppb
Cadmium	111-1	499.27	491.26	492.23	494.26	0.88	ppb
Calcium	43-1	127063.73	130157.74	127982.75	128401.40	1.24	ppb
Calcium	44-1	127761.97	128844.39	127937.26	128181.21	0.45	ppb
Chromium	52-2	550.89	549.76	615.25	571.97	6.55	ppb
Cobalt	59-2	541.31	540.04	606.95	562.77	6.80	ppb
Copper	63-2	1078.97	1082.57	1201.07	1120.87	6.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25620.36	25516.40	28641.50	26592.75	6.67	ppb
Iron	57-2	25428.38	25545.52	28200.51	26391.47	5.94	ppb
Lead	206-1	521.15	527.78	530.92	526.62	0.95	ppb
Lead	207-1	523.93	528.95	521.45	524.78	0.73	ppb
Lead	208-1	517.13	525.39	526.01	522.84	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	68350.28	68819.89	76423.67	71197.95	6.36	ppb
Manganese	55-2	1000.67	1003.19	1115.67	1039.84	6.32	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MSD	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:35:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	485.31	495.11	500.51	493.64	1.56	ppb
Molybdenum	94-1	504.23	509.74	515.12	509.70	1.07	ppb
Molybdenum	95-1	493.74	499.73	506.05	499.84	1.23	ppb
Molybdenum	96-1	492.19	499.09	510.33	500.54	1.83	ppb
Molybdenum	97-1	477.38	482.02	487.39	482.26	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	553.62	554.05	618.22	575.30	6.46	ppb
Phosphorus	31-2	2.70	23.63	-18.33	2.67	786.79	ppb
Potassium	39-2	24740.36	24856.15	27714.73	25770.41	6.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	547.44	437.18	630.35	538.32	18.00	ppb
Selenium	78-2	528.68	492.53	587.08	536.10	8.90	ppb
Selenium	82-1	505.54	511.66	516.98	511.39	1.12	ppb
Silicon	28-1	4025.03	4041.67	4071.97	4046.22	0.59	ppb
Silver	109-1	506.73	499.62	496.51	500.96	1.05	ppb
Silver	107-1	504.40	491.83	496.98	497.74	1.27	ppb
Sodium	23-2	81143.92	81382.47	91052.38	84526.26	6.69	ppb
Strontium	86-1	559.26	564.48	565.62	563.12	0.60	ppb
Strontium	88-1	552.08	556.05	557.67	555.27	0.52	ppb
Sulfur	34-1	2614.25	2741.52	2813.49	2723.09	3.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	529.47	528.45	540.25	532.72	1.23	ppb
Thallium	205-1	519.74	523.12	535.28	526.05	1.55	ppb
Tin	118-1	478.68	468.43	466.24	471.12	1.41	ppb
Titanium	47-1	473.14	482.89	480.90	478.97	1.08	ppb
Uranium	238-1	508.94	520.65	516.07	515.22	1.15	ppb
Vanadium	51-2	531.19	535.92	600.93	556.02	7.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	982.87	981.60	1098.64	1021.04	6.58	ppb
Zirconium	90-1	505.10	506.14	509.29	506.84	0.43	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MSD	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:35:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.80	504.71	521.80	512.44	1.69	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:38:06	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9281.72	9825.20	9719.15	9608.69	3.00	ppb
Antimony	121-1	515.92	524.22	517.94	519.36	0.83	ppb
Arsenic	75-2	556.35	572.06	555.45	561.29	1.66	ppb
Barium	135-1	2488.80	2496.76	2489.86	2491.81	0.17	ppb
Barium	137-1	2486.11	2485.38	2473.33	2481.61	0.29	ppb
Beryllium	9-1	415.24	421.63	409.85	415.57	1.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	373.71	389.37	384.54	382.54	2.10	ppb
Boron	10-1	381.82	391.33	384.05	385.73	1.29	ppb
Cadmium	106-1	489.24	490.61	485.81	488.55	0.51	ppb
Cadmium	108-1	500.74	506.97	498.42	502.04	0.88	ppb
Cadmium	111-1	496.04	503.35	497.63	499.01	0.77	ppb
Calcium	43-1	129842.99	128024.68	131343.68	129737.12	1.28	ppb
Calcium	44-1	130566.15	128347.23	129920.90	129611.43	0.88	ppb
Chromium	52-2	559.37	571.11	563.72	564.73	1.05	ppb
Cobalt	59-2	545.81	563.46	556.66	555.31	1.60	ppb
Copper	63-2	1084.13	1124.00	1096.90	1101.68	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25873.14	26333.37	26022.45	26076.32	0.90	ppb
Iron	57-2	25593.73	26308.65	26040.68	25981.02	1.39	ppb
Lead	206-1	535.40	539.31	533.43	536.05	0.56	ppb
Lead	207-1	536.88	534.04	528.12	533.01	0.84	ppb
Lead	208-1	533.46	532.29	525.10	530.29	0.85	ppb
Lithium	6-1						%
Magnesium	24-2	70455.36	72874.02	71543.80	71624.39	1.69	ppb
Manganese	55-2	1010.28	1035.76	1023.83	1023.29	1.25	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:38:06	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	511.30	508.85	515.06	511.74	0.61	ppb
Molybdenum	94-1	516.55	518.65	525.24	520.14	0.87	ppb
Molybdenum	95-1	503.41	509.59	520.37	511.12	1.68	ppb
Molybdenum	96-1	514.24	516.40	524.71	518.45	1.07	ppb
Molybdenum	97-1	491.89	498.15	502.64	497.56	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	560.64	576.33	569.40	568.79	1.38	ppb
Phosphorus	31-2	2.69	3.48	-18.33	-4.05		ppb
Potassium	39-2	25062.36	25557.30	25436.07	25351.91	1.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	640.14	518.86	527.11	562.04	12.06	ppb
Selenium	78-2	566.69	554.13	504.72	541.85	6.05	ppb
Selenium	82-1	525.80	523.62	523.06	524.16	0.28	ppb
Silicon	28-1	4159.60	4083.93	4112.77	4118.77	0.93	ppb
Silver	109-1	499.33	504.38	494.99	499.56	0.94	ppb
Silver	107-1	504.52	503.22	495.35	501.03	0.99	ppb
Sodium	23-2	82974.34	85535.16	85099.88	84536.46	1.62	ppb
Strontium	86-1	566.42	568.35	567.39	567.39	0.17	ppb
Strontium	88-1	565.29	571.26	572.19	569.58	0.66	ppb
Sulfur	34-1	2531.26	2393.89	2413.60	2446.25	3.04	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	546.39	545.11	538.23	543.24	0.81	ppb
Thallium	205-1	536.76	539.37	532.69	536.28	0.63	ppb
Tin	118-1	471.10	478.54	476.85	475.50	0.82	ppb
Titanium	47-1	487.05	485.42	488.51	486.99	0.32	ppb
Uranium	238-1	523.48	526.78	526.01	525.42	0.33	ppb
Vanadium	51-2	542.57	554.50	546.05	547.71	1.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	987.88	1006.01	982.56	992.15	1.24	ppb
Zirconium	90-1	521.04	527.21	522.04	523.43	0.63	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:38:06	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	520.62	525.54	529.96	525.37	0.89	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:41:05	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.35	83.83	86.58	84.26	2.55	ppb
Antimony	121-1	1.66	1.76	1.71	1.71	2.86	ppb
Arsenic	75-2	0.75	0.77	0.61	0.71	12.48	ppb
Barium	135-1	23.50	24.22	24.41	24.05	2.00	ppb
Barium	137-1	24.32	24.55	24.22	24.36	0.69	ppb
Beryllium	9-1	0.07	0.08	0.11	0.09	22.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	25.17	23.60	23.14	23.97	4.43	ppb
Boron	10-1	24.70	25.05	22.61	24.12	5.47	ppb
Cadmium	106-1	-0.68	-0.90	-1.02	-0.87		ppb
Cadmium	108-1	0.23	0.26	0.12	0.20	36.38	ppb
Cadmium	111-1	0.10	0.04	0.03	0.06	64.78	ppb
Calcium	43-1	69185.70	69572.07	69527.07	69428.28	0.30	ppb
Calcium	44-1	69042.25	69359.63	69281.88	69227.92	0.24	ppb
Chromium	52-2	1.33	1.13	1.15	1.20	9.11	ppb
Cobalt	59-2	0.14	0.09	0.13	0.12	19.54	ppb
Copper	63-2	2.53	2.57	2.62	2.58	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	152.20	155.17	154.48	153.95	1.01	ppb
Iron	57-2	156.69	149.46	156.72	154.29	2.71	ppb
Lead	206-1	0.29	0.28	0.28	0.28	1.76	ppb
Lead	207-1	0.29	0.30	0.27	0.29	5.25	ppb
Lead	208-1	0.30	0.30	0.29	0.30	2.04	ppb
Lithium	6-1						%
Magnesium	24-2	9111.75	9175.72	9341.08	9209.52	1.28	ppb
Manganese	55-2	43.92	43.52	44.39	43.94	0.99	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:41:05	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.19	0.22	0.22	0.21	7.49	ppb
Molybdenum	94-1	0.10	0.12	0.11	0.11	9.84	ppb
Molybdenum	95-1	0.18	0.17	0.14	0.16	12.76	ppb
Molybdenum	96-1	0.18	0.14	0.13	0.15	16.69	ppb
Molybdenum	97-1	0.13	0.13	0.15	0.14	8.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.03	0.78	0.95	14.86	ppb
Phosphorus	31-2	3.51	48.38	4.18	18.69	137.57	ppb
Potassium	39-2	752.82	724.02	749.61	742.15	2.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.20	0.00	5.18	3.46	86.60	ppb
Selenium	78-2	0.78	-0.93	-0.93	-0.36		ppb
Selenium	82-1	-0.09	0.55	0.34	0.27	123.44	ppb
Silicon	28-1	3819.34	3831.07	3880.84	3843.75	0.85	ppb
Silver	109-1	0.22	0.21	0.21	0.21	1.83	ppb
Silver	107-1	0.20	0.21	0.20	0.20	0.95	ppb
Sodium	23-2	7922.46	8033.89	8000.88	7985.74	0.72	ppb
Strontium	86-1	404.57	405.49	410.42	406.83	0.77	ppb
Strontium	88-1	417.77	415.82	421.11	418.23	0.64	ppb
Sulfur	34-1	1518.78	1605.55	1709.96	1611.43	5.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.07	0.06	0.07	21.70	ppb
Thallium	205-1	0.07	0.07	0.05	0.06	13.64	ppb
Tin	118-1	5.25	5.13	4.76	5.05	5.07	ppb
Titanium	47-1	0.91	1.07	0.89	0.96	10.54	ppb
Uranium	238-1	0.47	0.50	0.47	0.48	3.11	ppb
Vanadium	51-2	0.15	0.23	0.15	0.18	26.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.71	8.06	8.22	7.66	10.83	ppb
Zirconium	90-1	0.07	0.07	0.09	0.08	11.46	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:41:05	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.10	0.04	0.08	41.96	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:44:14	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.36	68.44	74.98	73.59	6.27	ppb
Antimony	121-1	1.57	1.60	1.60	1.59	1.00	ppb
Arsenic	75-2	0.71	0.65	0.73	0.70	6.04	ppb
Barium	135-1	21.07	20.28	20.63	20.66	1.92	ppb
Barium	137-1	21.26	20.94	21.32	21.17	0.98	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	81.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	15.67	15.84	15.72	15.74	0.55	ppb
Boron	10-1	14.53	14.52	15.31	14.79	3.08	ppb
Cadmium	106-1	-0.95	-1.64	-0.53	-1.04		ppb
Cadmium	108-1	0.01	-0.02	0.15	0.05	193.62	ppb
Cadmium	111-1	-0.03	-0.09	-0.01	-0.04		ppb
Calcium	43-1	62661.28	63904.10	64097.92	63554.43	1.23	ppb
Calcium	44-1	63167.84	62949.12	62816.70	62977.89	0.28	ppb
Chromium	52-2	0.71	0.66	0.61	0.66	7.84	ppb
Cobalt	59-2	0.09	0.08	0.11	0.09	16.21	ppb
Copper	63-2	2.29	2.28	2.57	2.38	6.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	106.79	103.36	104.32	104.82	1.69	ppb
Iron	57-2	107.30	104.68	101.43	104.47	2.82	ppb
Lead	206-1	0.14	0.16	0.13	0.14	12.22	ppb
Lead	207-1	0.16	0.16	0.15	0.16	3.13	ppb
Lead	208-1	0.16	0.16	0.15	0.16	5.13	ppb
Lithium	6-1						%
Magnesium	24-2	9399.13	9192.00	9272.14	9287.76	1.12	ppb
Manganese	55-2	38.05	36.04	36.84	36.98	2.73	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:44:14	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.22	0.17	0.20	0.20	10.67	ppb
Molybdenum	94-1	0.10	0.09	0.09	0.09	6.26	ppb
Molybdenum	95-1	0.15	0.15	0.14	0.15	6.09	ppb
Molybdenum	96-1	0.19	0.13	0.12	0.15	26.33	ppb
Molybdenum	97-1	0.14	0.14	0.11	0.13	9.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.28	0.47	0.36	27.67	ppb
Phosphorus	31-2	-18.33	4.22	-18.33	-10.81		ppb
Potassium	39-2	645.93	652.69	620.32	639.65	2.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	-0.93	-0.93	-0.64		ppb
Selenium	82-1	0.34	0.09	0.39	0.27	58.57	ppb
Silicon	28-1	3321.84	3356.38	3340.64	3339.62	0.52	ppb
Silver	109-1	0.20	0.21	0.20	0.20	3.98	ppb
Silver	107-1	0.17	0.21	0.19	0.19	9.98	ppb
Sodium	23-2	6688.70	6582.38	6574.50	6615.19	0.96	ppb
Strontium	86-1	390.28	392.90	390.54	391.24	0.37	ppb
Strontium	88-1	399.71	403.70	398.92	400.78	0.64	ppb
Sulfur	34-1	1662.89	1547.94	1480.31	1563.71	5.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	20.67	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	28.46	ppb
Tin	118-1	3.30	3.33	3.26	3.30	0.97	ppb
Titanium	47-1	0.81	0.96	0.87	0.88	8.35	ppb
Uranium	238-1	0.44	0.43	0.41	0.42	3.17	ppb
Vanadium	51-2	0.25	0.17	0.22	0.21	18.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.26	7.66	6.94	6.95	10.03	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	6.82	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:44:14	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.12	0.08	45.40	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:47:23	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83.60	80.01	81.46	81.69	2.21	ppb
Antimony	121-1	1.16	1.15	1.28	1.20	6.14	ppb
Arsenic	75-2	0.66	0.64	0.52	0.60	12.65	ppb
Barium	135-1	5.42	5.64	5.88	5.65	4.09	ppb
Barium	137-1	5.58	5.80	5.73	5.70	1.99	ppb
Beryllium	9-1	0.01	0.01	0.04	0.02	81.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.21	8.78	8.68	8.89	3.14	ppb
Boron	10-1	9.55	10.01	8.75	9.44	6.79	ppb
Cadmium	106-1	-1.55	-1.02	-0.97	-1.18		ppb
Cadmium	108-1	0.04	0.06	0.01	0.04	73.31	ppb
Cadmium	111-1	-0.09	-0.08	-0.07	-0.08		ppb
Calcium	43-1	14976.50	15005.12	15156.14	15045.92	0.64	ppb
Calcium	44-1	15150.55	15423.11	15353.21	15308.96	0.92	ppb
Chromium	52-2	0.50	0.28	0.38	0.39	29.86	ppb
Cobalt	59-2	0.19	0.18	0.19	0.19	3.84	ppb
Copper	63-2	2.29	2.16	2.25	2.23	3.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	184.05	179.85	185.79	183.23	1.67	ppb
Iron	57-2	191.48	180.02	160.94	177.48	8.69	ppb
Lead	206-1	0.16	0.11	0.15	0.14	17.45	ppb
Lead	207-1	0.14	0.11	0.16	0.14	15.86	ppb
Lead	208-1	0.15	0.12	0.15	0.14	9.68	ppb
Lithium	6-1						%
Magnesium	24-2	3685.10	3546.94	3660.22	3630.75	2.03	ppb
Manganese	55-2	16.78	16.45	16.75	16.66	1.09	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:47:23	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.08	0.10	0.10	0.09	12.71	ppb
Molybdenum	94-1	0.07	0.07	0.07	0.07	3.60	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	22.47	ppb
Molybdenum	96-1	0.06	0.04	0.06	0.05	20.83	ppb
Molybdenum	97-1	0.05	0.01	0.01	0.02	79.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.74	0.94	0.84	12.04	ppb
Phosphorus	31-2	46.94	2.50	3.28	17.57	144.75	ppb
Potassium	39-2	166.12	153.64	166.83	162.20	4.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.10	1.70	173.21	ppb
Selenium	78-2	0.76	0.76	2.43	1.32	73.20	ppb
Selenium	82-1	0.15	1.18	0.03	0.45	139.75	ppb
Silicon	28-1	163.65	163.46	161.47	162.86	0.74	ppb
Silver	109-1	0.13	0.13	0.15	0.13	6.75	ppb
Silver	107-1	0.14	0.13	0.16	0.14	10.02	ppb
Sodium	23-2	1090.12	1092.43	1139.18	1107.24	2.50	ppb
Strontium	86-1	117.09	116.81	117.67	117.19	0.38	ppb
Strontium	88-1	123.85	121.87	123.28	123.00	0.83	ppb
Sulfur	34-1	181.01	279.48	472.36	310.95	47.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.01	0.00	0.00	435.79	ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	1.99	2.10	2.23	2.11	5.76	ppb
Titanium	47-1	0.30	0.53	0.64	0.49	35.84	ppb
Uranium	238-1	0.02	0.00	0.00	0.01	132.26	ppb
Vanadium	51-2	0.26	0.25	0.33	0.28	15.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.97	7.29	7.21	7.49	5.57	ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	8.75	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:47:23	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.09	0.04	0.06	39.33	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:50:31	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52020.72	49888.71	49959.74	50623.06	2.39	ppb
Antimony	121-1	457.41	465.00	470.31	464.24	1.40	ppb
Arsenic	75-2	507.41	502.38	502.17	503.98	0.59	ppb
Barium	135-1	2547.33	2538.86	2545.99	2544.06	0.18	ppb
Barium	137-1	2535.41	2539.51	2553.10	2542.67	0.36	ppb
Beryllium	9-1	478.37	472.83	484.93	478.71	1.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	452.78	461.50	481.74	465.34	3.19	ppb
Boron	10-1	463.93	465.51	481.04	470.16	2.01	ppb
Cadmium	106-1	487.20	486.31	491.93	488.48	0.62	ppb
Cadmium	108-1	488.79	493.54	491.45	491.26	0.48	ppb
Cadmium	111-1	478.13	485.86	483.39	482.46	0.82	ppb
Calcium	43-1	244270.22	245251.40	244106.50	244542.71	0.25	ppb
Calcium	44-1	243169.04	245188.69	246314.50	244890.74	0.65	ppb
Chromium	52-2	529.90	519.42	514.44	521.25	1.51	ppb
Cobalt	59-2	521.85	508.32	505.31	511.83	1.72	ppb
Copper	63-2	1070.79	1025.79	1031.08	1042.55	2.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	131126.05	126400.66	126114.47	127880.39	2.20	ppb
Iron	57-2	134085.37	127111.25	127294.47	129497.03	3.07	ppb
Lead	206-1	517.22	526.61	519.52	521.11	0.94	ppb
Lead	207-1	516.35	528.30	530.12	524.93	1.42	ppb
Lead	208-1	514.29	524.92	520.01	519.74	1.02	ppb
Lithium	6-1						%
Magnesium	24-2	265159.44	258107.25	254581.72	259282.80	2.08	ppb
Manganese	55-2	1042.39	1004.79	1001.46	1016.22	2.24	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:50:31	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	514.83	516.21	528.61	519.88	1.46	ppb
Molybdenum	94-1	518.98	516.44	522.00	519.14	0.54	ppb
Molybdenum	95-1	510.06	523.76	521.42	518.41	1.41	ppb
Molybdenum	96-1	517.54	516.39	521.88	518.60	0.56	ppb
Molybdenum	97-1	513.21	512.16	524.51	516.63	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.00	513.92	510.14	517.02	1.71	ppb
Phosphorus	31-2	10294.67	10519.85	10795.92	10536.81	2.38	ppb
Potassium	39-2	130622.61	127354.68	126361.83	128113.04	1.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	386.75	511.93	486.75	461.81	14.34	ppb
Selenium	78-2	519.85	479.60	514.18	504.54	4.32	ppb
Selenium	82-1	493.78	497.88	503.65	498.44	1.00	ppb
Silicon	28-1	552.67	575.75	565.60	564.67	2.05	ppb
Silver	109-1	495.06	500.83	499.39	498.43	0.60	ppb
Silver	107-1	498.91	494.97	498.82	497.57	0.45	ppb
Sodium	23-2	268939.43	260052.22	259972.96	262988.20	1.96	ppb
Strontium	86-1	525.59	532.03	528.26	528.63	0.61	ppb
Strontium	88-1	528.05	524.35	529.05	527.15	0.47	ppb
Sulfur	34-1	9942.40	10124.36	10000.17	10022.31	0.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.57	525.92	517.13	518.54	1.31	ppb
Thallium	205-1	500.36	519.38	514.26	511.33	1.93	ppb
Tin	118-1	505.52	509.13	510.98	508.54	0.55	ppb
Titanium	47-1	503.97	506.50	509.65	506.71	0.56	ppb
Uranium	238-1	524.74	536.58	528.20	529.84	1.15	ppb
Vanadium	51-2	533.79	523.50	511.27	522.85	2.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1037.27	1022.13	1000.70	1020.03	1.80	ppb
Zirconium	90-1	510.45	512.96	516.52	513.31	0.59	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:50:31	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.25	511.73	518.02	514.33	0.64	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 16:53:28 DataFile Name : 055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.36	-1.36	-1.36	-1.36		ppb
Antimony	121-1	0.30	0.26	0.28	0.28	7.66	ppb
Arsenic	75-2	-0.07	-0.11	-0.11	-0.10		ppb
Barium	135-1	-0.02	-0.03	-0.02	-0.02		ppb
Barium	137-1	-0.05	-0.03	-0.03	-0.03		ppb
Beryllium	9-1	0.08	0.12	0.01	0.07	78.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	13.44	13.74	12.34	13.17	5.60	ppb
Boron	10-1	14.91	13.38	11.57	13.29	12.58	ppb
Cadmium	106-1	-1.13	-0.97	-0.57	-0.89		ppb
Cadmium	108-1	0.08	0.06	-0.02	0.04	135.42	ppb
Cadmium	111-1	-0.05	-0.04	-0.01	-0.04		ppb
Calcium	43-1	2.13	12.16	3.84	6.04	88.83	ppb
Calcium	44-1	-9.34	-15.02	-9.60	-11.32		ppb
Chromium	52-2	0.07	0.14	0.11	0.11	31.82	ppb
Cobalt	59-2	-0.05	-0.03	-0.04	-0.04		ppb
Copper	63-2	0.13	0.11	0.10	0.11	15.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.45	1.33	1.21	1.33	9.15	ppb
Iron	57-2	2.04	4.76	3.96	3.59	39.06	ppb
Lead	206-1	-0.01	-0.01	-0.03	-0.02		ppb
Lead	207-1	-0.01	0.00	-0.02	-0.01		ppb
Lead	208-1	-0.01	-0.02	-0.03	-0.02		ppb
Lithium	6-1						%
Magnesium	24-2	0.64	1.83	2.10	1.53	50.76	ppb
Manganese	55-2	-0.05	-0.11	0.06	-0.03		ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:53:28	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.00	0.02	0.01	67.54	ppb
Molybdenum	94-1	0.03	0.02	0.03	0.03	24.35	ppb
Molybdenum	95-1	0.02	-0.02	0.01	0.00	462.29	ppb
Molybdenum	96-1	0.03	0.02	-0.01	0.01	131.50	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	61.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.02	-0.10	-0.06		ppb
Phosphorus	31-2	20.44	-18.33	-18.33	-5.41		ppb
Potassium	39-2	0.10	15.80	14.54	10.14	85.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.93	-0.93	0.53	-0.44		ppb
Selenium	82-1	-0.08	0.38	0.48	0.26	115.45	ppb
Silicon	28-1	-10.93	-12.36	-10.79	-11.36		ppb
Silver	109-1	0.05	0.06	0.05	0.05	4.31	ppb
Silver	107-1	0.08	0.06	0.06	0.07	14.66	ppb
Sodium	23-2	25.38	27.04	21.15	24.53	12.38	ppb
Strontium	86-1	0.00	0.04	0.01	0.01	150.16	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-896.26	-1131.40	-932.31	-986.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.04	0.04	17.59	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	20.50	ppb
Tin	118-1	0.09	0.08	0.05	0.07	25.18	ppb
Titanium	47-1	0.02	0.01	0.03	0.02	51.77	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.32	0.33	0.37	0.34	7.72	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	4.91	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:53:28	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.05	0.03	43.33	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:56:38	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	458.58	410.98	458.96	442.84	6.23	ppb
Antimony	121-1	4.31	3.46	3.24	3.67	15.41	ppb
Arsenic	75-2	1.68	1.53	2.03	1.75	14.66	ppb
Barium	135-1	9.72	9.82	9.39	9.64	2.31	ppb
Barium	137-1	9.96	10.04	9.98	9.99	0.43	ppb
Beryllium	9-1	0.06	0.01	0.05	0.04	58.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.44	9.06	8.32	8.94	6.34	ppb
Boron	10-1	8.26	9.74	8.04	8.68	10.64	ppb
Cadmium	106-1	-1.41	-1.22	-0.84	-1.16		ppb
Cadmium	108-1	0.12	0.12	0.15	0.13	11.06	ppb
Cadmium	111-1	0.16	0.10	0.18	0.14	28.51	ppb
Calcium	43-1	7388.69	7356.81	7412.21	7385.90	0.38	ppb
Calcium	44-1	7637.12	7784.14	7669.26	7696.84	1.00	ppb
Chromium	52-2	1.73	1.64	1.45	1.61	8.81	ppb
Cobalt	59-2	12.90	12.80	12.73	12.81	0.66	ppb
Copper	63-2	4.58	4.42	4.48	4.49	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3521.79	3310.73	3325.80	3386.11	3.48	ppb
Iron	57-2	3441.25	3209.40	3264.59	3305.08	3.66	ppb
Lead	206-1	2.11	2.17	2.08	2.12	2.34	ppb
Lead	207-1	1.88	1.84	1.92	1.88	2.20	ppb
Lead	208-1	1.99	2.00	2.02	2.00	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	1023.70	957.41	946.20	975.77	4.29	ppb
Manganese	55-2	2661.26	2561.57	2547.41	2590.08	2.40	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:56:38	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.27	0.18	0.20	0.21	21.94	ppb
Molybdenum	94-1	0.40	0.46	0.41	0.42	6.91	ppb
Molybdenum	95-1	0.18	0.16	0.16	0.17	4.57	ppb
Molybdenum	96-1	0.22	0.23	0.26	0.24	8.21	ppb
Molybdenum	97-1	0.12	0.17	0.14	0.14	19.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.04	3.15	2.99	3.06	2.71	ppb
Phosphorus	31-2	217.25	139.65	71.88	142.92	50.89	ppb
Potassium	39-2	784.73	788.26	807.87	793.62	1.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.38	1.79	173.21	ppb
Selenium	78-2	0.87	-0.05	-0.04	0.26	204.33	ppb
Selenium	82-1	1.14	0.94	1.25	1.11	13.84	ppb
Silicon	28-1	2150.62	2141.43	2104.53	2132.19	1.14	ppb
Silver	109-1	0.37	0.31	0.33	0.34	8.87	ppb
Silver	107-1	0.35	0.29	0.31	0.32	9.91	ppb
Sodium	23-2	891.36	881.80	837.53	870.23	3.30	ppb
Strontium	86-1	42.18	41.72	42.46	42.12	0.88	ppb
Strontium	88-1	43.16	42.80	43.65	43.20	0.99	ppb
Sulfur	34-1	-788.99	-1135.45	-1255.11	-1059.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.03	0.05	37.73	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	21.01	ppb
Tin	118-1	4.45	4.24	4.16	4.28	3.56	ppb
Titanium	47-1	5.94	6.00	5.57	5.83	3.97	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	1.37	1.21	1.34	1.31	6.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	18.50	18.27	17.18	17.98	3.90	ppb
Zirconium	90-1	0.54	0.56	0.58	0.56	4.30	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:56:38	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.54	0.56	0.59	0.56	4.24	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:59:46	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.15	8.33	1.81	6.09	60.89	ppb
Antimony	121-1	1.78	1.70	1.79	1.76	2.74	ppb
Arsenic	75-2	2.21	2.08	2.28	2.19	4.61	ppb
Barium	135-1	14.02	14.29	14.03	14.11	1.08	ppb
Barium	137-1	14.60	14.22	14.32	14.38	1.37	ppb
Beryllium	9-1	0.02	0.01	-0.01	0.01	270.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	7.95	8.27	8.59	8.27	3.87	ppb
Boron	10-1	7.99	7.20	8.02	7.74	5.98	ppb
Cadmium	106-1	-1.51	-2.01	-1.36	-1.63		ppb
Cadmium	108-1	-0.10	0.03	-0.02	-0.03		ppb
Cadmium	111-1	-0.10	-0.13	-0.09	-0.11		ppb
Calcium	43-1	19027.98	18759.09	18858.34	18881.80	0.72	ppb
Calcium	44-1	19551.22	19137.12	19024.02	19237.46	1.44	ppb
Chromium	52-2	0.37	0.29	0.37	0.34	13.14	ppb
Cobalt	59-2	0.04	0.07	0.05	0.05	32.78	ppb
Copper	63-2	1.59	1.63	1.66	1.63	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	33.78	33.21	34.37	33.78	1.72	ppb
Iron	57-2	37.59	37.51	29.16	34.75	13.93	ppb
Lead	206-1	0.71	0.67	0.64	0.67	5.50	ppb
Lead	207-1	0.61	0.62	0.55	0.59	6.17	ppb
Lead	208-1	0.63	0.64	0.62	0.63	1.83	ppb
Lithium	6-1						%
Magnesium	24-2	15136.94	15351.84	15055.58	15181.46	1.01	ppb
Manganese	55-2	19.76	20.65	19.46	19.96	3.09	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:59:46	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.15	0.12	0.16	0.14	13.22	ppb
Molybdenum	94-1	0.07	0.06	0.07	0.07	8.34	ppb
Molybdenum	95-1	0.11	0.08	0.10	0.10	19.55	ppb
Molybdenum	96-1	0.10	0.11	0.13	0.11	13.03	ppb
Molybdenum	97-1	0.11	0.11	0.10	0.11	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.60	0.49	0.55	9.39	ppb
Phosphorus	31-2	3.16	3.58	-18.33	-3.86		ppb
Potassium	39-2	536.81	599.87	555.87	564.18	5.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.03	0.00	0.00	1.68	173.21	ppb
Selenium	78-2	1.56	-0.93	-0.93	-0.10		ppb
Selenium	82-1	0.51	-0.37	-0.01	0.05	951.38	ppb
Silicon	28-1	1717.59	1665.93	1688.06	1690.52	1.53	ppb
Silver	109-1	0.15	0.17	0.17	0.17	6.76	ppb
Silver	107-1	0.17	0.15	0.18	0.17	7.95	ppb
Sodium	23-2	1541.09	1604.09	1562.53	1569.24	2.04	ppb
Strontium	86-1	253.17	252.29	250.02	251.83	0.64	ppb
Strontium	88-1	259.54	255.66	255.91	257.04	0.85	ppb
Sulfur	34-1	4901.23	4384.97	4539.50	4608.57	5.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	60.54	ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.46	1.51	1.42	1.46	3.22	ppb
Titanium	47-1	0.24	0.27	0.35	0.29	20.56	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	5.38	ppb
Vanadium	51-2	0.06	0.12	0.10	0.09	33.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.59	5.86	6.75	6.40	7.39	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	17.76	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:59:46	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.03	22.54	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:02:54	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	109.02	120.34	146.58	125.31	15.38	ppb
Antimony	121-1	1.63	1.52	1.57	1.57	3.74	ppb
Arsenic	75-2	2.33	2.31	2.27	2.30	1.48	ppb
Barium	135-1	54.09	53.08	52.73	53.30	1.33	ppb
Barium	137-1	55.53	53.82	54.07	54.47	1.69	ppb
Beryllium	9-1	0.02	-0.01	-0.04	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	23.89	24.12	24.86	24.29	2.08	ppb
Boron	10-1	25.29	25.53	24.08	24.96	3.11	ppb
Cadmium	106-1	-0.62	-1.10	-1.25	-0.99		ppb
Cadmium	108-1	-0.05	0.03	0.00	0.00		ppb
Cadmium	111-1	-0.05	-0.08	-0.08	-0.07		ppb
Calcium	43-1	87729.92	88363.39	87101.04	87731.45	0.72	ppb
Calcium	44-1	85745.21	86222.46	86688.21	86218.62	0.55	ppb
Chromium	52-2	0.69	0.67	0.64	0.66	3.35	ppb
Cobalt	59-2	0.86	0.89	0.96	0.90	5.30	ppb
Copper	63-2	2.17	2.37	2.34	2.29	4.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1901.81	1939.47	1933.67	1924.98	1.05	ppb
Iron	57-2	1898.29	2014.54	2039.32	1984.05	3.80	ppb
Lead	206-1	0.16	0.15	0.15	0.16	2.51	ppb
Lead	207-1	0.15	0.15	0.18	0.16	11.59	ppb
Lead	208-1	0.17	0.16	0.17	0.17	3.72	ppb
Lithium	6-1						%
Magnesium	24-2	9723.22	9855.55	9759.65	9779.47	0.70	ppb
Manganese	55-2	3542.42	3634.92	3609.01	3595.45	1.33	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:02:54	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.17	0.16	0.21	0.18	16.27	ppb
Molybdenum	94-1	0.12	0.12	0.15	0.13	11.13	ppb
Molybdenum	95-1	0.12	0.13	0.14	0.13	4.99	ppb
Molybdenum	96-1	0.12	0.13	0.13	0.13	5.35	ppb
Molybdenum	97-1	0.08	0.08	0.14	0.10	36.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.09	1.05	1.05	3.93	ppb
Phosphorus	31-2	152.90	113.81	243.60	170.10	39.14	ppb
Potassium	39-2	923.21	920.85	951.30	931.79	1.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.76	2.50	-0.08	1.06	124.54	ppb
Selenium	82-1	0.37	0.35	0.57	0.43	28.09	ppb
Silicon	28-1	4876.93	4833.46	4881.16	4863.85	0.54	ppb
Silver	109-1	0.15	0.13	0.11	0.13	12.38	ppb
Silver	107-1	0.17	0.15	0.15	0.16	8.08	ppb
Sodium	23-2	2476.79	2484.73	2462.20	2474.58	0.46	ppb
Strontium	86-1	488.56	494.18	487.77	490.17	0.71	ppb
Strontium	88-1	495.63	508.68	500.63	501.65	1.31	ppb
Sulfur	34-1	280.82	318.80	331.25	310.29	8.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.01	79.50	ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	1.33	1.35	1.33	1.33	0.87	ppb
Titanium	47-1	3.22	3.05	3.08	3.12	3.00	ppb
Uranium	238-1	0.24	0.26	0.27	0.26	5.77	ppb
Vanadium	51-2	0.28	0.34	0.32	0.32	9.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.21	10.29	11.36	10.29	10.48	ppb
Zirconium	90-1	0.14	0.14	0.13	0.14	4.82	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:02:54	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.15	0.13	0.14	7.39	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : I4836-02 Instrumnet Name : P8
 Client Sample ID : SU17-MSW0619-9004 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 17:06:03 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134.55	132.33	164.65	143.84	12.55	ppb
Antimony	121-1	1.91	2.02	1.94	1.96	2.83	ppb
Arsenic	75-2	2.85	2.18	2.61	2.54	13.37	ppb
Barium	135-1	41.80	39.45	41.05	40.77	2.93	ppb
Barium	137-1	42.20	41.35	41.58	41.71	1.06	ppb
Beryllium	9-1	0.00	-0.02	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	19.64	18.42	19.64	19.23	3.66	ppb
Boron	10-1	18.96	18.65	20.58	19.39	5.35	ppb
Cadmium	106-1	-1.11	-1.17	-2.10	-1.46		ppb
Cadmium	108-1	-0.05	0.01	0.06	0.01	698.45	ppb
Cadmium	111-1	-0.08	-0.06	-0.15	-0.10		ppb
Calcium	43-1	86577.80	85340.63	85728.69	85882.38	0.74	ppb
Calcium	44-1	84675.61	84552.42	84950.79	84726.27	0.24	ppb
Chromium	52-2	0.59	0.53	0.82	0.64	23.94	ppb
Cobalt	59-2	0.79	0.78	0.77	0.78	1.43	ppb
Copper	63-2	3.04	3.20	3.15	3.13	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1695.53	1722.88	1746.21	1721.54	1.47	ppb
Iron	57-2	1705.44	1680.34	1753.83	1713.20	2.18	ppb
Lead	206-1	0.19	0.19	0.18	0.19	3.86	ppb
Lead	207-1	0.19	0.16	0.17	0.17	8.49	ppb
Lead	208-1	0.19	0.19	0.20	0.19	2.81	ppb
Lithium	6-1						%
Magnesium	24-2	9922.12	9784.06	10157.04	9954.40	1.89	ppb
Manganese	55-2	2226.01	2243.28	2307.54	2258.94	1.90	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619-9004	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:06:03	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.21	0.23	0.19	0.21	8.35	ppb
Molybdenum	94-1	0.12	0.11	0.15	0.13	14.49	ppb
Molybdenum	95-1	0.19	0.19	0.18	0.19	1.89	ppb
Molybdenum	96-1	0.17	0.16	0.15	0.16	6.92	ppb
Molybdenum	97-1	0.14	0.14	0.15	0.14	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	1.15	0.97	1.01	12.94	ppb
Phosphorus	31-2	206.64	117.76	213.97	179.46	29.84	ppb
Potassium	39-2	742.44	775.05	801.78	773.09	3.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.71	4.40	-0.93	1.73	154.15	ppb
Selenium	82-1	0.32	0.17	0.23	0.24	32.04	ppb
Silicon	28-1	4856.49	4828.99	4786.37	4823.95	0.73	ppb
Silver	109-1	0.15	0.15	0.15	0.15	2.25	ppb
Silver	107-1	0.19	0.17	0.15	0.17	10.33	ppb
Sodium	23-2	2478.84	2444.92	2555.65	2493.14	2.28	ppb
Strontium	86-1	492.76	489.87	493.59	492.07	0.40	ppb
Strontium	88-1	502.66	504.45	507.89	505.00	0.53	ppb
Sulfur	34-1	264.82	137.71	56.34	152.96	68.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.76	1.82	1.97	1.85	5.82	ppb
Titanium	47-1	3.51	3.20	3.15	3.29	5.85	ppb
Uranium	238-1	0.27	0.28	0.30	0.28	4.22	ppb
Vanadium	51-2	0.35	0.43	0.28	0.35	20.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.42	8.79	9.85	9.35	5.74	ppb
Zirconium	90-1	0.11	0.10	0.11	0.11	5.76	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619-9004	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:06:03	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.10	0.18	0.14	28.74	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0620	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:09:11	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91.90	109.02	68.35	89.76	22.75	ppb
Antimony	121-1	2.00	1.88	1.91	1.93	3.33	ppb
Arsenic	75-2	1.62	1.36	1.15	1.38	17.38	ppb
Barium	135-1	13.02	12.78	12.32	12.70	2.82	ppb
Barium	137-1	12.95	13.04	12.89	12.96	0.57	ppb
Beryllium	9-1	-0.04	-0.05	0.00	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.57	11.34	10.70	11.20	3.99	ppb
Boron	10-1	11.55	10.72	11.05	11.10	3.79	ppb
Cadmium	106-1	-1.99	-0.66	-1.41	-1.35		ppb
Cadmium	108-1	-0.04	-0.02	-0.02	-0.03		ppb
Cadmium	111-1	-0.12	-0.06	-0.10	-0.09		ppb
Calcium	43-1	34779.47	33790.98	33228.64	33933.03	2.31	ppb
Calcium	44-1	35368.93	34649.58	33516.85	34511.79	2.71	ppb
Chromium	52-2	2.61	2.51	2.58	2.57	2.06	ppb
Cobalt	59-2	0.28	0.26	0.27	0.27	2.87	ppb
Copper	63-2	3.16	3.32	3.40	3.29	3.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	443.15	447.83	445.68	445.55	0.53	ppb
Iron	57-2	447.75	468.34	454.85	456.98	2.29	ppb
Lead	206-1	0.46	0.41	0.41	0.43	6.50	ppb
Lead	207-1	0.43	0.43	0.44	0.43	0.92	ppb
Lead	208-1	0.46	0.43	0.41	0.43	6.10	ppb
Lithium	6-1						%
Magnesium	24-2	5183.14	5141.67	5142.17	5155.66	0.46	ppb
Manganese	55-2	362.99	360.04	357.53	360.18	0.76	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0620	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:09:11	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.42	0.35	0.40	0.39	8.72	ppb
Molybdenum	94-1	0.16	0.20	0.21	0.19	13.95	ppb
Molybdenum	95-1	0.31	0.38	0.34	0.34	10.57	ppb
Molybdenum	96-1	0.29	0.30	0.29	0.30	2.78	ppb
Molybdenum	97-1	0.34	0.27	0.25	0.29	16.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	1.71	1.79	1.84	8.66	ppb
Phosphorus	31-2	27.71	98.72	27.83	51.42	79.67	ppb
Potassium	39-2	6841.90	6893.21	6578.26	6771.13	2.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.39	1.80	173.21	ppb
Selenium	78-2	-0.93	-0.04	0.84	-0.04		ppb
Selenium	82-1	0.58	0.09	0.18	0.28	93.38	ppb
Silicon	28-1	1664.64	1609.60	1578.89	1617.71	2.69	ppb
Silver	109-1	0.16	0.14	0.13	0.14	11.02	ppb
Silver	107-1	0.14	0.15	0.15	0.15	3.82	ppb
Sodium	23-2	5177.11	5262.32	5118.06	5185.83	1.40	ppb
Strontium	86-1	211.40	201.04	202.66	205.03	2.72	ppb
Strontium	88-1	218.09	209.83	208.50	212.14	2.45	ppb
Sulfur	34-1	374.44	21.55	-398.93	-0.98		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.02		ppb
Tin	118-1	1.78	1.71	1.72	1.74	2.30	ppb
Titanium	47-1	3.20	1.57	1.56	2.11	44.79	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	3.53	ppb
Vanadium	51-2	0.40	0.32	0.36	0.36	11.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.95	10.43	10.22	9.87	8.09	ppb
Zirconium	90-1	0.13	0.13	0.14	0.13	5.84	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0620	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:09:11	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.10	0.14	0.16	46.40	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:12:21	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50517.96	48971.24	50705.47	50064.89	1.90	ppb
Antimony	121-1	454.78	455.63	455.13	455.18	0.09	ppb
Arsenic	75-2	500.19	498.62	509.79	502.87	1.20	ppb
Barium	135-1	2527.72	2510.51	2525.77	2521.34	0.37	ppb
Barium	137-1	2520.36	2520.03	2534.43	2524.94	0.33	ppb
Beryllium	9-1	477.26	469.67	471.01	472.65	0.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	449.69	451.01	463.05	454.58	1.62	ppb
Boron	10-1	456.81	451.42	471.30	459.84	2.24	ppb
Cadmium	106-1	485.75	484.76	489.93	486.81	0.56	ppb
Cadmium	108-1	481.96	485.78	484.99	484.25	0.42	ppb
Cadmium	111-1	481.90	484.01	479.71	481.87	0.45	ppb
Calcium	43-1	238650.58	245981.11	243502.14	242711.28	1.54	ppb
Calcium	44-1	240637.24	245575.63	245286.37	243833.08	1.14	ppb
Chromium	52-2	532.08	517.33	524.14	524.52	1.41	ppb
Cobalt	59-2	521.27	501.85	511.83	511.65	1.90	ppb
Copper	63-2	1060.61	1023.46	1063.13	1049.07	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	130239.65	124456.79	127301.27	127332.57	2.27	ppb
Iron	57-2	132150.61	126453.68	130077.92	129560.73	2.23	ppb
Lead	206-1	525.68	526.57	521.41	524.56	0.53	ppb
Lead	207-1	526.69	523.41	519.92	523.34	0.65	ppb
Lead	208-1	521.72	523.34	518.12	521.06	0.51	ppb
Lithium	6-1						%
Magnesium	24-2	264652.23	253658.63	260471.95	259594.27	2.14	ppb
Manganese	55-2	1037.38	992.89	1019.92	1016.73	2.20	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:12:21	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	516.48	516.27	509.06	513.94	0.82	ppb
Molybdenum	94-1	514.73	510.64	517.80	514.39	0.70	ppb
Molybdenum	95-1	521.60	518.07	523.26	520.98	0.51	ppb
Molybdenum	96-1	517.14	514.34	519.23	516.90	0.47	ppb
Molybdenum	97-1	513.96	511.63	516.18	513.92	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.91	510.53	513.63	517.69	1.90	ppb
Phosphorus	31-2	10920.72	9536.65	10282.27	10246.55	6.76	ppb
Potassium	39-2	129763.64	125518.20	126934.98	127405.61	1.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	513.77	504.34	574.10	530.74	7.13	ppb
Selenium	78-2	459.64	511.92	473.38	481.65	5.63	ppb
Selenium	82-1	495.18	498.96	498.98	497.71	0.44	ppb
Silicon	28-1	539.67	558.17	568.15	555.33	2.60	ppb
Silver	109-1	497.30	500.48	502.15	499.98	0.49	ppb
Silver	107-1	496.98	491.82	500.56	496.45	0.88	ppb
Sodium	23-2	268116.44	259117.33	264390.39	263874.72	1.71	ppb
Strontium	86-1	524.79	524.11	515.84	521.58	0.96	ppb
Strontium	88-1	522.61	521.41	524.35	522.79	0.28	ppb
Sulfur	34-1	9847.27	10208.85	9929.17	9995.09	1.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	519.22	517.09	518.30	518.20	0.21	ppb
Thallium	205-1	515.97	514.01	509.56	513.18	0.64	ppb
Tin	118-1	505.85	509.65	505.80	507.10	0.44	ppb
Titanium	47-1	497.69	510.09	506.30	504.69	1.26	ppb
Uranium	238-1	525.08	530.54	525.47	527.03	0.58	ppb
Vanadium	51-2	529.81	517.34	519.41	522.19	1.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1031.54	991.93	1019.78	1014.42	2.01	ppb
Zirconium	90-1	510.52	507.11	514.90	510.84	0.76	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:12:21	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.14	512.31	517.27	513.24	0.71	ppb

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 17:15:19 DataFile Name : 062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.30	2.87	5.95	3.04	92.99	ppb
Antimony	121-1	0.30	0.31	0.27	0.29	6.84	ppb
Arsenic	75-2	-0.01	-0.11	-0.11	-0.07		ppb
Barium	135-1	-0.01	-0.03	-0.02	-0.02		ppb
Barium	137-1	-0.03	-0.03	-0.03	-0.03		ppb
Beryllium	9-1	0.06	0.01	0.00	0.02	164.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	12.21	10.25	10.93	11.13	8.94	ppb
Boron	10-1	13.35	10.07	10.60	11.34	15.55	ppb
Cadmium	106-1	-0.45	-1.00	-0.62	-0.69		ppb
Cadmium	108-1	0.01	0.01	-0.02	0.00		ppb
Cadmium	111-1	0.01	-0.04	-0.01	-0.01		ppb
Calcium	43-1	-5.86	-1.61	-10.01	-5.83		ppb
Calcium	44-1	-9.03	-8.76	-7.39	-8.39		ppb
Chromium	52-2	0.16	0.06	0.01	0.08	98.81	ppb
Cobalt	59-2	-0.04	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.16	0.12	0.09	0.12	31.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.68	1.19	1.50	1.46	17.02	ppb
Iron	57-2	2.34	3.86	0.59	2.26	72.48	ppb
Lead	206-1	-0.05	-0.02	-0.03	-0.03		ppb
Lead	207-1	-0.03	-0.02	0.00	-0.02		ppb
Lead	208-1	-0.03	-0.02	-0.02	-0.03		ppb
Lithium	6-1						%
Magnesium	24-2	5.27	2.87	1.03	3.06	69.59	ppb
Manganese	55-2	-0.10	-0.05	-0.12	-0.09		ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:15:19	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.01	0.01	0.01	56.98	ppb
Molybdenum	94-1	0.03	0.03	0.05	0.04	23.30	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	43.76	ppb
Molybdenum	96-1	0.01	0.02	0.04	0.02	54.55	ppb
Molybdenum	97-1	0.02	0.02	0.00	0.01	73.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.02	-0.07	-0.05		ppb
Phosphorus	31-2	4.21	0.82	1.50	2.18	82.59	ppb
Potassium	39-2	37.29	16.45	25.05	26.27	39.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	-0.93	1.28	0.09	1220.16	ppb
Selenium	82-1	0.15	0.35	0.45	0.31	48.86	ppb
Silicon	28-1	-10.27	-10.91	-9.11	-10.10		ppb
Silver	109-1	0.06	0.04	0.06	0.06	18.08	ppb
Silver	107-1	0.06	0.06	0.07	0.06	11.32	ppb
Sodium	23-2	40.49	20.61	24.07	28.39	37.41	ppb
Strontium	86-1	0.00	0.07	0.07	0.05	80.07	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	79.51	ppb
Sulfur	34-1	-724.12	-684.43	-414.79	-607.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.01	0.03	0.02	35.61	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	27.56	ppb
Tin	118-1	0.07	0.06	0.08	0.07	10.95	ppb
Titanium	47-1	0.05	0.03	0.03	0.04	26.30	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.01	-0.02	0.03	0.00	5290.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.29	0.04	0.20	0.18	71.14	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	15.06	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:15:19	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.03	0.03	0.04	38.65	ppb

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:12:59	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	142	208	167	172	19.56	cps
Arsenic	75-2	11	17	15	14	19.94	cps
Barium	135-1	83	67	75	75	11.11	cps
Barium	137-1	208	192	183	194	6.55	cps
Beryllium	9-1	211	106	150	156	34.07	cps
Bismuth	209-1	4805783	4782493	4749688	4779322	0.59	cps
Bismuth	209-2	1486023	1481178	1479627	1482276	0.23	cps
Boron	11-1	1592	1784	1900	1759	8.85	cps
Boron	10-1	375	517	483	458	16.16	cps
Cadmium	106-1	1592	1609	1308	1503	11.22	cps
Cadmium	108-1	21	17	8	15	41.67	cps
Cadmium	111-1	1141	1156	968	1089	9.58	cps
Calcium	43-1	1967	1950	2200	2039	6.86	cps
Calcium	44-1	39515	39122	39740	39459	0.79	cps
Chromium	52-2	837	980	853	890	8.81	cps
Cobalt	59-2	97	93	113	101	10.60	cps
Copper	63-2	257	300	220	259	15.47	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	20	10	3	11	75.52	cps
Gadolinium	160-1	42	33	67	47	36.73	cps
Gadolinium	160-2	10	0	13	8	89.21	cps
Holmium	165-1	8077151	8058124	8048334	8061203	0.18	cps
Holmium	165-2	1905837	1919777	1909457	1911690	0.38	cps
Indium	115-1	6910975	7007477	6990625	6969693	0.74	cps
Indium	115-2	316659	317816	315020	316498	0.44	cps
Iron	56-2	1772	1856	1922	1850	4.06	cps
Iron	57-2	33	50	33	39	24.75	cps
Lead	206-1	694	778	845	772	9.73	cps
Lead	207-1	689	572	650	637	9.32	cps
Lead	208-1	2861	2922	2884	2889	1.07	cps
Lithium	6-1	875151	881744	877248	878048	0.38	cps
Magnesium	24-2	117	83	83	94	20.37	cps
Manganese	55-2	77	27	73	59	47.47	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:12:59	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	242	225	300	256	15.41	cps
Molybdenum	94-1	242	258	233	244	5.21	cps
Molybdenum	95-1	167	200	158	175	12.60	cps
Molybdenum	96-1	250	217	325	264	21.03	cps
Molybdenum	97-1	142	183	158	161	13.02	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	120	153	118	31.18	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	2600	2659	2534	2598	2.41	cps
Rhodium	103-1	6465706	6437223	6417004	6439977	0.38	cps
Rhodium	103-2	1781980	1801052	1782953	1788662	0.60	cps
Scandium	45-1	3833075	3844773	3860237	3846028	0.35	cps
Scandium	45-2	31258	30981	31649	31296	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	0	-11	-168	-60	-157.48	cps
Silicon	28-1	382086	379795	379378	380420	0.38	cps
Silver	109-1	58	83	58	67	21.65	cps
Silver	107-1	108	125	142	125	13.33	cps
Sodium	23-2	3292	3434	3642	3456	5.10	cps
Strontium	86-1	858	883	758	833	7.94	cps
Strontium	88-1	458	450	400	436	7.24	cps
Sulfur	34-1	353523	352404	353916	353281	0.22	cps
Terbium	159-1	8487040	8380586	8381586	8416404	0.73	cps
Terbium	159-2	1864105	1846359	1858925	1856463	0.49	cps
Thallium	203-1	142	125	117	128	9.96	cps
Thallium	205-1	467	425	500	464	8.10	cps
Tin	118-1	908	1067	1092	1022	9.73	cps
Titanium	47-1	133	125	92	117	18.90	cps
Uranium	238-1	833	883	633	783	16.89	cps
Vanadium	51-2	20	10	17	16	32.73	cps
Yttrium	89-1	7227220	7253098	7237017	7239112	0.18	cps
Yttrium	89-2	226306	228550	227596	227484	0.50	cps
Zinc	66-2	103	93	87	94	8.88	cps
Zirconium	90-1	375	442	558	458	20.25	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:12:59	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	92	92	122	43.30	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:20:08	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	108	175	144	23.32	cps
Antimony	121-1	19273	19648	19657	19526	1.12	cps
Arsenic	75-2	161	111	102	125	25.57	cps
Barium	135-1	19240	18305	19073	18873	2.64	cps
Barium	137-1	32466	32449	33034	32650	1.02	cps
Beryllium	9-1	1167	1228	1089	1161	6.00	cps
Bismuth	209-1	4499602	4809765	4753891	4687753	3.53	cps
Bismuth	209-2	1482099	1486271	1462633	1477001	0.85	cps
Boron	11-1	15634	15768	16377	15926	2.49	cps
Boron	10-1	3242	3251	3492	3328	4.27	cps
Cadmium	106-1	1533	1750	1725	1670	7.10	cps
Cadmium	108-1	138	150	150	146	4.95	cps
Cadmium	111-1	2994	3170	3270	3145	4.44	cps
Calcium	43-1	11914	12206	11405	11842	3.42	cps
Calcium	44-1	197557	198994	198411	198321	0.36	cps
Chromium	52-2	2780	2794	2657	2744	2.75	cps
Cobalt	59-2	1947	2034	1987	1989	2.18	cps
Copper	63-2	3864	4104	4084	4017	3.32	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	58	36	58.08	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	25	67	42	44	47.19	cps
Gadolinium	160-2	0	17	10	9	94.38	cps
Holmium	165-1	7483315	8027445	8025811	7845524	4.00	cps
Holmium	165-2	1918587	1934606	1923504	1925565	0.43	cps
Indium	115-1	6498155	6864510	7026115	6796260	3.98	cps
Indium	115-2	323117	326253	321359	323576	0.77	cps
Iron	56-2	30885	31402	31347	31211	0.91	cps
Iron	57-2	822	767	761	783	4.31	cps
Lead	206-1	6785	6296	6785	6622	4.26	cps
Lead	207-1	5885	5907	5651	5814	2.44	cps
Lead	208-1	26645	25867	25933	26148	1.65	cps
Lithium	6-1	831320	887292	900050	872887	4.19	cps
Magnesium	24-2	13891	14283	13482	13885	2.88	cps
Manganese	55-2	290	277	263	277	4.82	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:20:08	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	30778	30703	31688	31056	1.77	cps
Molybdenum	94-1	16694	15885	15968	16183	2.75	cps
Molybdenum	95-1	19557	18739	19181	19159	2.14	cps
Molybdenum	96-1	21167	21785	20917	21290	2.10	cps
Molybdenum	97-1	11447	12148	12173	11922	3.46	cps
Neodymium	150-1	27	7	33	22	62.43	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	717	690	650	686	4.89	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	11464	11830	11030	11441	3.50	cps
Rhodium	103-1	6003764	6395591	6390193	6263183	3.59	cps
Rhodium	103-2	1813302	1826272	1781736	1807103	1.27	cps
Scandium	45-1	3672490	3943648	3931760	3849299	3.98	cps
Scandium	45-2	31876	30954	31683	31504	1.54	cps
Selenium	77-2	13	3	0	6	124.93	cps
Selenium	78-2	20	19	20	20	5.41	cps
Selenium	82-1	590	636	628	618	4.01	cps
Silicon	28-1	426911	421210	421689	423270	0.75	cps
Silver	109-1	12565	12757	12873	12732	1.22	cps
Silver	107-1	13090	13332	13324	13249	1.04	cps
Sodium	23-2	39548	39038	38846	39144	0.93	cps
Strontium	86-1	3542	3734	3859	3712	4.30	cps
Strontium	88-1	23463	23054	22845	23121	1.36	cps
Sulfur	34-1	355649	359760	359522	358310	0.64	cps
Terbium	159-1	7846101	8239304	8369409	8151605	3.34	cps
Terbium	159-2	1869144	1866563	1855107	1863605	0.40	cps
Thallium	203-1	7044	6569	6227	6613	6.21	cps
Thallium	205-1	15594	15243	16036	15624	2.54	cps
Tin	118-1	33326	33217	33635	33393	0.65	cps
Titanium	47-1	5285	5435	5601	5440	2.91	cps
Uranium	238-1	18940	18990	19057	18996	0.31	cps
Vanadium	51-2	3264	3127	2974	3122	4.65	cps
Yttrium	89-1	6730919	7291884	7280446	7101083	4.52	cps
Yttrium	89-2	233631	234550	230386	232856	0.94	cps
Zinc	66-2	473	367	380	407	14.29	cps
Zirconium	90-1	13958	14016	13774	13916	0.91	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:20:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2959	2859	3142	2987	4.81	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:23:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6010	6302	6293	6202	2.68	cps
Antimony	121-1	530254	532844	528616	530571	0.40	cps
Arsenic	75-2	5753	5875	5970	5866	1.85	cps
Barium	135-1	539852	536094	539325	538424	0.38	cps
Barium	137-1	930970	942779	939412	937721	0.65	cps
Beryllium	9-1	62463	62686	62062	62404	0.51	cps
Bismuth	209-1	4895653	4931328	4875259	4900747	0.58	cps
Bismuth	209-2	1503972	1497366	1489988	1497109	0.47	cps
Boron	11-1	34401	34367	34643	34470	0.44	cps
Boron	10-1	7269	7444	7269	7327	1.38	cps
Cadmium	106-1	13190	12773	13441	13135	2.57	cps
Cadmium	108-1	8103	8103	8557	8254	3.18	cps
Cadmium	111-1	117607	118478	116841	117642	0.70	cps
Calcium	43-1	111271	111801	111011	111361	0.36	cps
Calcium	44-1	1860893	1868085	1857441	1862140	0.29	cps
Chromium	52-2	48728	49243	48263	48745	1.01	cps
Cobalt	59-2	105294	105260	104928	105161	0.19	cps
Copper	63-2	186547	184811	185888	185749	0.47	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	83	58	33	58	42.86	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	8141081	8369862	8243465	8251469	1.39	cps
Holmium	165-2	1922777	1948315	1934089	1935060	0.66	cps
Indium	115-1	7067558	7141425	7085767	7098250	0.54	cps
Indium	115-2	321116	323428	320125	321557	0.53	cps
Iron	56-2	1646064	1658248	1648202	1650838	0.39	cps
Iron	57-2	40131	41050	40531	40571	1.14	cps
Lead	206-1	289106	291687	294045	291613	0.85	cps
Lead	207-1	259532	263595	263646	262258	0.90	cps
Lead	208-1	1170396	1177113	1186183	1177897	0.67	cps
Lithium	6-1	926922	910122	913482	916842	0.97	cps
Magnesium	24-2	159589	159788	162578	160652	1.04	cps
Manganese	55-2	26659	26622	26793	26691	0.34	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:23:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	356550	348448	351064	352021	1.17	cps
Molybdenum	94-1	406982	412569	407470	409007	0.76	cps
Molybdenum	95-1	217289	221081	221149	219839	1.00	cps
Molybdenum	96-1	281280	288067	282205	283851	1.30	cps
Molybdenum	97-1	134487	138562	136498	136515	1.49	cps
Neodymium	150-1	13	47	20	27	66.16	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	31519	31599	31576	31565	0.13	cps
Phosphorus	31-2	450	517	450	472	8.15	cps
Potassium	39-2	50726	50141	50082	50316	0.71	cps
Rhodium	103-1	6619556	6542487	6541716	6567920	0.68	cps
Rhodium	103-2	1794507	1796507	1797060	1796025	0.07	cps
Scandium	45-1	4042085	3978178	3990908	4003724	0.84	cps
Scandium	45-2	32150	31175	31646	31657	1.54	cps
Selenium	77-2	37	57	37	43	26.64	cps
Selenium	78-2	146	143	152	147	3.17	cps
Selenium	82-1	7253	7367	7122	7247	1.69	cps
Silicon	28-1	613403	609895	621954	615084	1.01	cps
Silver	109-1	536052	541496	538694	538747	0.51	cps
Silver	107-1	565745	567744	570078	567856	0.38	cps
Sodium	23-2	393593	398363	394102	395353	0.66	cps
Strontium	86-1	144931	145897	143362	144730	0.88	cps
Strontium	88-1	1251071	1260409	1263049	1258177	0.50	cps
Sulfur	34-1	393736	392597	390325	392220	0.44	cps
Terbium	159-1	8629374	8582530	8563075	8591660	0.40	cps
Terbium	159-2	1877554	1844752	1862867	1861724	0.88	cps
Thallium	203-1	355485	359261	364133	359626	1.21	cps
Thallium	205-1	846463	855147	857276	852962	0.67	cps
Tin	118-1	366997	368198	365889	367028	0.31	cps
Titanium	47-1	58004	56381	56808	57064	1.47	cps
Uranium	238-1	1060912	1056146	1067287	1061448	0.53	cps
Vanadium	51-2	35495	35208	34275	34993	1.82	cps
Yttrium	89-1	7457820	7430782	7436028	7441544	0.19	cps
Yttrium	89-2	232542	230719	232257	231839	0.42	cps
Zinc	66-2	16383	16273	16607	16421	1.04	cps
Zirconium	90-1	785070	787776	780434	784427	0.47	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:23:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	174861	175687	175392	175313	0.24	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 13:27:06 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15392	15125	14842	15120	1.82	cps
Antimony	121-1	1333217	1346186	1340331	1339911	0.48	cps
Arsenic	75-2	14615	15049	14771	14812	1.48	cps
Barium	135-1	1371798	1360297	1371623	1367906	0.48	cps
Barium	137-1	2403098	2355597	2395682	2384792	1.07	cps
Beryllium	9-1	153722	156537	153655	154638	1.06	cps
Bismuth	209-1	5068682	4969553	5033614	5023950	1.00	cps
Bismuth	209-2	1502779	1501300	1517911	1507330	0.61	cps
Boron	11-1	83870	84558	84264	84230	0.41	cps
Boron	10-1	17979	18354	19088	18474	3.06	cps
Cadmium	106-1	30227	31187	32064	31159	2.95	cps
Cadmium	108-1	21063	20382	20462	20636	1.80	cps
Cadmium	111-1	297628	294495	298911	297012	0.76	cps
Calcium	43-1	274282	277196	271351	274276	1.07	cps
Calcium	44-1	4540345	4510459	4493650	4514818	0.52	cps
Chromium	52-2	120053	119935	119004	119664	0.48	cps
Cobalt	59-2	262126	261944	261309	261793	0.16	cps
Copper	63-2	460840	458672	460274	459929	0.24	cps
Dysprosium	156-1	33	17	75	42	72.10	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	33	50	75	53	39.74	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	17	58	67	47	56.72	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	8447731	8351492	8358813	8386012	0.64	cps
Holmium	165-2	1968142	1956236	1966422	1963600	0.33	cps
Indium	115-1	7215379	7223283	7107996	7182219	0.90	cps
Indium	115-2	322426	316209	321029	319888	1.02	cps
Iron	56-2	4075311	4062629	4140928	4092956	1.03	cps
Iron	57-2	102653	102244	103890	102929	0.83	cps
Lead	206-1	735639	748154	739936	741243	0.86	cps
Lead	207-1	664536	663949	660009	662831	0.37	cps
Lead	208-1	2992856	2992467	2986923	2990748	0.11	cps
Lithium	6-1	921633	917437	902857	913976	1.08	cps
Magnesium	24-2	400608	396596	402312	399839	0.73	cps
Manganese	55-2	66554	64770	66554	65959	1.56	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:27:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	894463	890516	892495	892491	0.22	cps
Molybdenum	94-1	1042222	1029706	1030978	1034302	0.67	cps
Molybdenum	95-1	559748	553159	549752	554219	0.92	cps
Molybdenum	96-1	709491	700023	707495	705670	0.71	cps
Molybdenum	97-1	345727	341613	345822	344387	0.70	cps
Neodymium	150-1	53	40	80	58	35.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77088	78134	76589	77271	1.02	cps
Phosphorus	31-2	1208	1250	1183	1214	2.78	cps
Potassium	39-2	121345	120965	121655	121322	0.29	cps
Rhodium	103-1	6517551	6556346	6503963	6525953	0.42	cps
Rhodium	103-2	1805985	1771412	1799992	1792463	1.03	cps
Scandium	45-1	3970611	3981975	4006387	3986324	0.46	cps
Scandium	45-2	31482	31435	31606	31508	0.28	cps
Selenium	77-2	90	113	100	101	11.58	cps
Selenium	78-2	306	333	356	331	7.56	cps
Selenium	82-1	18001	17768	17323	17697	1.95	cps
Silicon	28-1	970567	961236	973934	968579	0.68	cps
Silver	109-1	1351706	1353698	1360895	1355433	0.36	cps
Silver	107-1	1429019	1426037	1425505	1426854	0.13	cps
Sodium	23-2	976353	982563	973785	977567	0.46	cps
Strontium	86-1	363488	360943	360440	361624	0.45	cps
Strontium	88-1	3180095	3157509	3212928	3183511	0.88	cps
Sulfur	34-1	438336	432635	433590	434854	0.70	cps
Terbium	159-1	8725258	8725115	8603629	8684668	0.81	cps
Terbium	159-2	1864314	1891574	1868551	1874813	0.78	cps
Thallium	203-1	918773	924067	903933	915591	1.14	cps
Thallium	205-1	2205516	2207673	2210775	2207988	0.12	cps
Tin	118-1	929229	929620	927445	928765	0.12	cps
Titanium	47-1	143385	142216	139700	141767	1.33	cps
Uranium	238-1	2766681	2753188	2781668	2767179	0.51	cps
Vanadium	51-2	87736	87276	87129	87380	0.36	cps
Yttrium	89-1	7490420	7336238	7469407	7432021	1.13	cps
Yttrium	89-2	233002	229370	231413	231262	0.79	cps
Zinc	66-2	40546	40516	40944	40669	0.59	cps
Zirconium	90-1	2009967	1986619	2014010	2003532	0.74	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:27:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442695	439007	444037	441913	0.59	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:30:30	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29440	29849	30008	29765	0.98	cps
Antimony	121-1	2759159	2747650	2758781	2755197	0.24	cps
Arsenic	75-2	28257	28422	28930	28536	1.23	cps
Barium	135-1	2832165	2836451	2804386	2824334	0.62	cps
Barium	137-1	4799231	4762522	4795792	4785848	0.42	cps
Beryllium	9-1	307705	307508	308236	307816	0.12	cps
Bismuth	209-1	5124568	5091614	5107684	5107955	0.32	cps
Bismuth	209-2	1472776	1502931	1514570	1496759	1.44	cps
Boron	11-1	165612	164482	168655	166250	1.30	cps
Boron	10-1	36681	36773	36013	36489	1.14	cps
Cadmium	106-1	60764	62187	61851	61600	1.21	cps
Cadmium	108-1	40574	41643	41456	41224	1.39	cps
Cadmium	111-1	589487	589837	593528	590950	0.38	cps
Calcium	43-1	549092	545197	544291	546193	0.47	cps
Calcium	44-1	8824923	8842296	8845771	8837663	0.13	cps
Chromium	52-2	231021	235202	236205	234143	1.17	cps
Cobalt	59-2	502060	516813	518213	512362	1.75	cps
Copper	63-2	887300	905341	909912	900851	1.33	cps
Dysprosium	156-1	17	50	25	31	56.77	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	33	108	75	72	52.04	cps
Gadolinium	160-2	20	7	20	16	49.47	cps
Holmium	165-1	8581248	8513152	8562508	8552303	0.41	cps
Holmium	165-2	1893102	1957123	1987319	1945848	2.47	cps
Indium	115-1	7229935	7173489	7178231	7193885	0.44	cps
Indium	115-2	307855	317199	314763	313272	1.55	cps
Iron	56-2	7807041	8003137	7914023	7908067	1.24	cps
Iron	57-2	196577	201467	202526	200190	1.59	cps
Lead	206-1	1513025	1520567	1523575	1519056	0.36	cps
Lead	207-1	1358343	1361652	1360182	1360059	0.12	cps
Lead	208-1	6161559	6223180	6225068	6203269	0.58	cps
Lithium	6-1	901404	917643	919277	912775	1.08	cps
Magnesium	24-2	777336	785113	788969	783806	0.76	cps
Manganese	55-2	125454	129890	131068	128804	2.30	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:30:30	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1812547	1843057	1836634	1830746	0.88	cps
Molybdenum	94-1	2111303	2116561	2105842	2111235	0.25	cps
Molybdenum	95-1	1115984	1110406	1120378	1115589	0.45	cps
Molybdenum	96-1	1434905	1429207	1440826	1434979	0.40	cps
Molybdenum	97-1	688278	686519	696074	690290	0.74	cps
Neodymium	150-1	120	133	93	116	17.62	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	149115	153343	152100	151519	1.43	cps
Phosphorus	31-2	1992	2075	2675	2248	16.59	cps
Potassium	39-2	230796	233598	235616	233337	1.04	cps
Rhodium	103-1	6545040	6464490	6557430	6522320	0.77	cps
Rhodium	103-2	1712073	1777041	1759459	1749524	1.92	cps
Scandium	45-1	3968850	3987155	3970259	3975421	0.26	cps
Scandium	45-2	30250	31141	31302	30898	1.83	cps
Selenium	77-2	210	223	233	222	5.27	cps
Selenium	78-2	641	724	770	712	9.23	cps
Selenium	82-1	35790	35347	35377	35505	0.70	cps
Silicon	28-1	1375455	1368159	1380572	1374729	0.45	cps
Silver	109-1	2763885	2756464	2767523	2762624	0.20	cps
Silver	107-1	2866947	2905777	2909721	2894148	0.82	cps
Sodium	23-2	1933949	1976922	1972683	1961185	1.21	cps
Strontium	86-1	720958	716486	721377	719607	0.38	cps
Strontium	88-1	6331040	6254617	6255398	6280352	0.70	cps
Sulfur	34-1	516491	508300	508192	510994	0.93	cps
Terbium	159-1	8783248	8828272	8943600	8851706	0.93	cps
Terbium	159-2	1845573	1895409	1884487	1875156	1.40	cps
Thallium	203-1	1905667	1887531	1880359	1891185	0.69	cps
Thallium	205-1	4547158	4517801	4502475	4522478	0.50	cps
Tin	118-1	1859725	1904353	1883716	1882598	1.19	cps
Titanium	47-1	282796	279335	279825	280652	0.67	cps
Uranium	238-1	5616512	5596174	5654827	5622504	0.53	cps
Vanadium	51-2	169697	173203	173499	172133	1.23	cps
Yttrium	89-1	7503682	7470117	7561594	7511798	0.62	cps
Yttrium	89-2	224047	230552	227360	227319	1.43	cps
Zinc	66-2	76479	78504	79235	78073	1.83	cps
Zirconium	90-1	4008333	3948515	3963330	3973393	0.78	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:30:30	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	885794	888772	892737	889101	0.39	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:33:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60572	59342	60136	60017	1.04	cps
Antimony	121-1	5472475	5459422	5466861	5466253	0.12	cps
Arsenic	75-2	57746	56924	56892	57187	0.85	cps
Barium	135-1	5582676	5590738	5546585	5573333	0.42	cps
Barium	137-1	9506620	9596887	9428340	9510616	0.89	cps
Beryllium	9-1	611872	607280	606611	608587	0.47	cps
Bismuth	209-1	5173640	5176713	5246544	5198966	0.79	cps
Bismuth	209-2	1499573	1483734	1494644	1492650	0.54	cps
Boron	11-1	330039	334972	333229	332747	0.75	cps
Boron	10-1	71428	72341	71211	71660	0.84	cps
Cadmium	106-1	121746	121342	118375	120488	1.53	cps
Cadmium	108-1	82371	82144	81771	82096	0.37	cps
Cadmium	111-1	1172528	1182304	1178741	1177857	0.42	cps
Calcium	43-1	1086148	1083320	1070865	1080111	0.75	cps
Calcium	44-1	17567454	17705551	17349985	17540997	1.02	cps
Chromium	52-2	464592	462731	460212	462512	0.48	cps
Cobalt	59-2	1020011	1009043	1015816	1014957	0.55	cps
Copper	63-2	1786861	1799591	1804239	1796897	0.50	cps
Dysprosium	156-1	92	75	117	94	22.21	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	58	58	50	56	8.67	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	83	125	125	111	21.65	cps
Gadolinium	160-2	23	23	30	26	15.07	cps
Holmium	165-1	8769360	8784226	8689017	8747534	0.59	cps
Holmium	165-2	1964774	1932805	1965449	1954342	0.95	cps
Indium	115-1	7139778	7136964	7200984	7159242	0.51	cps
Indium	115-2	309305	305989	307486	307593	0.54	cps
Iron	56-2	15841570	15821061	15656192	15772941	0.64	cps
Iron	57-2	397069	391985	395476	394843	0.66	cps
Lead	206-1	3136682	3095349	3131532	3121188	0.72	cps
Lead	207-1	2850197	2818843	2884947	2851329	1.16	cps
Lead	208-1	12702978	12499980	12660595	12621185	0.85	cps
Lithium	6-1	900712	894401	901255	898789	0.42	cps
Magnesium	24-2	1604037	1578254	1577025	1586439	0.96	cps
Manganese	55-2	256879	255575	253681	255379	0.63	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:33:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3661215	3641363	3627406	3643328	0.47	cps
Molybdenum	94-1	4181668	4156469	4181269	4173135	0.35	cps
Molybdenum	95-1	2312403	2307381	2300585	2306789	0.26	cps
Molybdenum	96-1	2913064	2901833	2890198	2901698	0.39	cps
Molybdenum	97-1	1382535	1379948	1377865	1380116	0.17	cps
Neodymium	150-1	167	173	120	153	18.95	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	299310	296903	297476	297896	0.42	cps
Phosphorus	31-2	4551	4368	4434	4451	2.09	cps
Potassium	39-2	452565	457652	454123	454780	0.57	cps
Rhodium	103-1	6546499	6491021	6518186	6518569	0.43	cps
Rhodium	103-2	1765746	1727095	1753535	1748792	1.13	cps
Scandium	45-1	3972209	3982585	3961832	3972209	0.26	cps
Scandium	45-2	30386	31819	31034	31080	2.31	cps
Selenium	77-2	393	360	430	394	8.88	cps
Selenium	78-2	1317	1396	1357	1357	2.93	cps
Selenium	82-1	71415	70673	70429	70839	0.72	cps
Silicon	28-1	2257003	2266550	2274204	2265919	0.38	cps
Silver	109-1	5555757	5446306	5535079	5512381	1.05	cps
Silver	107-1	5745475	5706612	5720055	5724047	0.34	cps
Sodium	23-2	3833841	3822438	3816302	3824194	0.23	cps
Strontium	86-1	1447466	1430141	1465832	1447813	1.23	cps
Strontium	88-1	12549492	12538995	12512417	12533635	0.15	cps
Sulfur	34-1	664254	663209	656212	661225	0.66	cps
Terbium	159-1	9029663	9047804	9088910	9055459	0.34	cps
Terbium	159-2	1865500	1885568	1871789	1874285	0.55	cps
Thallium	203-1	3864345	3844761	3842139	3850415	0.32	cps
Thallium	205-1	9026387	9036249	8997354	9019997	0.22	cps
Tin	118-1	3786175	3785743	3774337	3782085	0.18	cps
Titanium	47-1	563440	564383	558716	562180	0.54	cps
Uranium	238-1	11299632	11321407	11555812	11392284	1.25	cps
Vanadium	51-2	344437	339578	342344	342120	0.71	cps
Yttrium	89-1	7604617	7538954	7605563	7583045	0.50	cps
Yttrium	89-2	228625	226987	226453	227355	0.50	cps
Zinc	66-2	155032	154219	154141	154464	0.32	cps
Zirconium	90-1	7861405	7842131	7795785	7833107	0.43	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:33:49	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1801660	1813925	1800905	1805497	0.40	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 13:37:03 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116098	116593	120164	117618	1.89	cps
Antimony	121-1	10850327	10838008	10796710	10828348	0.26	cps
Arsenic	75-2	111208	111396	111670	111425	0.21	cps
Barium	135-1	11074658	11161641	11107082	11114460	0.40	cps
Barium	137-1	18979797	19155384	19132550	19089244	0.50	cps
Beryllium	9-1	1231355	1217810	1191959	1213708	1.65	cps
Bismuth	209-1	5186321	5262857	5203047	5217408	0.77	cps
Bismuth	209-2	1459619	1477976	1463652	1467082	0.66	cps
Boron	11-1	657377	667660	667559	664199	0.89	cps
Boron	10-1	141887	143477	147542	144302	2.02	cps
Cadmium	106-1	237211	235952	238636	237266	0.57	cps
Cadmium	108-1	160791	159788	161339	160640	0.49	cps
Cadmium	111-1	2347766	2331563	2370787	2350039	0.84	cps
Calcium	43-1	2159952	2131451	2167782	2153062	0.89	cps
Calcium	44-1	34428608	34435251	34331831	34398563	0.17	cps
Chromium	52-2	899418	908634	904847	904300	0.51	cps
Cobalt	59-2	1990183	1994208	2003734	1996041	0.35	cps
Copper	63-2	3446300	3468368	3469380	3461349	0.38	cps
Dysprosium	156-1	200	200	283	228	21.12	cps
Dysprosium	156-2	40	33	40	38	10.19	cps
Erbium	164-1	117	92	100	103	12.39	cps
Erbium	164-2	13	23	33	23	42.86	cps
Gadolinium	160-1	208	242	183	211	13.86	cps
Gadolinium	160-2	53	37	63	51	26.35	cps
Holmium	165-1	8809134	8811776	8818806	8813239	0.06	cps
Holmium	165-2	1944868	1956768	1935848	1945828	0.54	cps
Indium	115-1	6888428	7032614	7004807	6975283	1.10	cps
Indium	115-2	291926	292000	293034	292320	0.21	cps
Iron	56-2	30424390	30707548	30709386	30613775	0.54	cps
Iron	57-2	765607	773454	772642	770568	0.56	cps
Lead	206-1	6245480	6190222	6185858	6207187	0.54	cps
Lead	207-1	5721965	5648372	5702198	5690845	0.67	cps
Lead	208-1	25356347	25143334	25181792	25227158	0.45	cps
Lithium	6-1	869229	903134	881006	884456	1.95	cps
Magnesium	24-2	3056194	3060717	3123712	3080207	1.23	cps
Manganese	55-2	491436	494129	495660	493741	0.43	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:37:03	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	7267936	7205757	7273266	7248986	0.52	cps
Molybdenum	94-1	8303381	8288127	8355364	8315624	0.42	cps
Molybdenum	95-1	4512327	4561553	4572926	4548935	0.71	cps
Molybdenum	96-1	5772521	5758878	5735253	5755550	0.33	cps
Molybdenum	97-1	2769836	2792078	2855063	2805659	1.58	cps
Neodymium	150-1	467	647	420	511	23.42	cps
Neodymium	150-2	27	33	40	33	20.00	cps
Nickel	60-2	573241	576185	575563	574996	0.27	cps
Phosphorus	31-2	8728	9028	9012	8923	1.89	cps
Potassium	39-2	884133	888464	891408	888001	0.41	cps
Rhodium	103-1	6354461	6408283	6419620	6394121	0.54	cps
Rhodium	103-2	1691917	1692848	1676513	1687093	0.54	cps
Scandium	45-1	3893304	3944327	3923540	3920390	0.65	cps
Scandium	45-2	30680	30654	30814	30716	0.28	cps
Selenium	77-2	723	803	737	754	5.68	cps
Selenium	78-2	2502	2610	2545	2552	2.12	cps
Selenium	82-1	138359	138494	137799	138218	0.27	cps
Silicon	28-1	4023593	4024654	3999308	4015852	0.36	cps
Silver	109-1	10614689	10636126	10655041	10635285	0.19	cps
Silver	107-1	11027288	11041424	11034858	11034523	0.06	cps
Sodium	23-2	7430692	7449581	7511435	7463902	0.57	cps
Strontium	86-1	2932756	2908834	2923827	2921806	0.41	cps
Strontium	88-1	24986287	24991290	25075928	25017835	0.20	cps
Sulfur	34-1	971723	972903	965953	970193	0.38	cps
Terbium	159-1	9081120	9106666	9056787	9081524	0.27	cps
Terbium	159-2	1825129	1880838	1845459	1850475	1.52	cps
Thallium	203-1	7750944	7649962	7728249	7709719	0.69	cps
Thallium	205-1	18263700	18178494	18272364	18238186	0.28	cps
Tin	118-1	7456636	7452899	7488673	7466070	0.26	cps
Titanium	47-1	1117678	1119752	1106775	1114735	0.63	cps
Uranium	238-1	23672882	23691292	23513287	23625820	0.41	cps
Vanadium	51-2	668288	674723	672280	671764	0.48	cps
Yttrium	89-1	7429491	7514943	7501759	7482064	0.61	cps
Yttrium	89-2	220909	222214	218919	220681	0.75	cps
Zinc	66-2	303088	307082	303125	304432	0.75	cps
Zirconium	90-1	15814148	15714909	15674940	15734666	0.46	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:37:03	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3601477	3556065	3600462	3586002	0.72	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:40:12	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	607942	603806	613985	608578	0.84	cps
Antimony	121-1	24089	23947	24114	24050	0.37	cps
Arsenic	75-2	61	46	50	52	14.69	cps
Barium	135-1	5393	5643	5135	5390	4.72	cps
Barium	137-1	8720	9671	8328	8906	7.75	cps
Beryllium	9-1	650	706	617	657	6.83	cps
Bismuth	209-1	4958427	4981931	4842318	4927559	1.52	cps
Bismuth	209-2	1406061	1415650	1415763	1412492	0.39	cps
Boron	11-1	23520	23595	21525	22880	5.13	cps
Boron	10-1	5426	4976	4809	5071	6.29	cps
Cadmium	106-1	1759	1859	1542	1720	9.41	cps
Cadmium	108-1	75	75	71	74	3.26	cps
Cadmium	111-1	1849	2007	1730	1862	7.46	cps
Calcium	43-1	10780670	10665648	10764906	10737075	0.58	cps
Calcium	44-1	174561116	172960737	175118566	174213473	0.64	cps
Chromium	52-2	3814	4294	3801	3970	7.08	cps
Cobalt	59-2	2440	2400	2344	2395	2.03	cps
Copper	63-2	5184	5321	5171	5226	1.59	cps
Dysprosium	156-1	67	42	83	64	32.83	cps
Dysprosium	156-2	13	3	20	12	68.66	cps
Erbium	164-1	8	33	58	33	75.02	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	117	100	100	106	9.11	cps
Gadolinium	160-2	20	30	27	26	19.92	cps
Holmium	165-1	8757046	8622029	8577934	8652337	1.08	cps
Holmium	165-2	1982961	1988332	1978249	1983181	0.25	cps
Indium	115-1	6913150	6841043	6818340	6857511	0.72	cps
Indium	115-2	302848	305557	308287	305564	0.89	cps
Iron	56-2	150192792	151891481	152448076	151510783	0.78	cps
Iron	57-2	3764799	3786399	3834117	3795105	0.93	cps
Lead	206-1	13363	13146	13480	13330	1.27	cps
Lead	207-1	11494	11394	11255	11381	1.06	cps
Lead	208-1	52221	52639	51241	52034	1.38	cps
Lithium	6-1	840283	840299	838661	839748	0.11	cps
Magnesium	24-2	15052492	15058507	15125239	15078746	0.27	cps
Manganese	55-2	1307	1260	1383	1317	4.73	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:40:12	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	9003	9737	9087	9276	4.33	cps
Molybdenum	94-1	6218	6727	6160	6368	4.90	cps
Molybdenum	95-1	6302	6327	5643	6091	6.37	cps
Molybdenum	96-1	9671	10113	9395	9726	3.72	cps
Molybdenum	97-1	3759	3776	3459	3665	4.86	cps
Neodymium	150-1	140	140	67	116	36.64	cps
Neodymium	150-2	20	17	17	18	10.81	cps
Nickel	60-2	1447	1447	1493	1462	1.84	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	4511125	4511108	4566683	4529639	0.71	cps
Rhodium	103-1	6142667	6109604	6038422	6096898	0.87	cps
Rhodium	103-2	1645573	1659295	1662982	1655950	0.55	cps
Scandium	45-1	3890401	3866951	3827164	3861505	0.83	cps
Scandium	45-2	30406	30821	31559	30929	1.89	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	57	183	73	104	65.64	cps
Silicon	28-1	498207	496730	521603	505513	2.76	cps
Silver	109-1	2250	2667	2675	2531	9.60	cps
Silver	107-1	2425	2442	2475	2448	1.04	cps
Sodium	23-2	36869139	36834681	37333629	37012483	0.75	cps
Strontium	86-1	100728	99310	99242	99760	0.84	cps
Strontium	88-1	863909	862936	863905	863584	0.06	cps
Sulfur	34-1	351882	353607	357376	354288	0.79	cps
Terbium	159-1	8976219	8828956	8865228	8890135	0.86	cps
Terbium	159-2	1887069	1869902	1881370	1879447	0.47	cps
Thallium	203-1	3709	4184	3326	3740	11.50	cps
Thallium	205-1	8945	8828	8195	8656	4.67	cps
Tin	118-1	6844	7186	6852	6960	2.80	cps
Titanium	47-1	1242	1025	1275	1181	11.50	cps
Uranium	238-1	9229	10388	9129	9582	7.31	cps
Vanadium	51-2	387	310	360	352	11.05	cps
Yttrium	89-1	7400885	7420912	7349008	7390268	0.50	cps
Yttrium	89-2	225289	227824	229244	227452	0.88	cps
Zinc	66-2	1163	1003	1013	1060	8.46	cps
Zirconium	90-1	7452	8378	7986	7939	5.85	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:40:12	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1442	1975	1609	1675	16.29	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 13:43:33 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3326	3367	2984	3226	6.52	cps
Antimony	121-1	2091252	2112635	2075788	2093225	0.88	cps
Arsenic	75-2	23220	23195	22938	23118	0.68	cps
Barium	135-1	206632	209882	208533	208349	0.78	cps
Barium	137-1	364387	363167	363495	363683	0.17	cps
Beryllium	9-1	118786	116826	119099	118237	1.04	cps
Bismuth	209-1	5034586	4897160	4837277	4923008	2.05	cps
Bismuth	209-2	1521795	1531209	1505734	1519579	0.85	cps
Boron	11-1	327656	329291	340442	332463	2.09	cps
Boron	10-1	69108	72207	73673	71663	3.25	cps
Cadmium	106-1	37454	36316	37570	37113	1.87	cps
Cadmium	108-1	20691	20670	20224	20528	1.29	cps
Cadmium	111-1	235880	232380	236615	234959	0.96	cps
Calcium	43-1	50534	48836	49513	49628	1.72	cps
Calcium	44-1	803536	794617	799142	799099	0.56	cps
Chromium	52-2	93104	93637	91245	92662	1.36	cps
Cobalt	59-2	208282	208887	205616	207595	0.84	cps
Copper	63-2	182362	183656	180080	182033	0.99	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	67	92	75	78	16.37	cps
Erbium	164-2	17	13	40	23	62.27	cps
Gadolinium	160-1	83	83	42	69	34.64	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	8335159	8212009	8170500	8239223	1.04	cps
Holmium	165-2	1967111	1985187	1975440	1975913	0.46	cps
Indium	115-1	7185669	7113471	7080283	7126474	0.76	cps
Indium	115-2	325091	326090	325076	325419	0.18	cps
Iron	56-2	638366	641960	631907	637411	0.80	cps
Iron	57-2	16038	16132	15581	15917	1.85	cps
Lead	206-1	1155132	1143366	1153520	1150673	0.55	cps
Lead	207-1	1003780	987950	993098	994943	0.81	cps
Lead	208-1	4623328	4611307	4618028	4617555	0.13	cps
Lithium	6-1	924053	918409	915325	919262	0.48	cps
Magnesium	24-2	38979	38703	38161	38614	1.08	cps
Manganese	55-2	25878	26783	26045	26235	1.84	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:43:33	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3623396	3619009	3537931	3593445	1.34	cps
Molybdenum	94-1	4143198	4072209	4162243	4125884	1.15	cps
Molybdenum	95-1	2306766	2248853	2261800	2272473	1.34	cps
Molybdenum	96-1	2885168	2878120	2889715	2884334	0.20	cps
Molybdenum	97-1	1390182	1358420	1391061	1379888	1.35	cps
Neodymium	150-1	33	33	33	33	0.02	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	61766	60980	61445	61397	0.64	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	39840	39991	40584	40139	0.98	cps
Rhodium	103-1	6583210	6581949	6570330	6578496	0.11	cps
Rhodium	103-2	1873352	1844932	1853229	1857171	0.79	cps
Scandium	45-1	4136442	3992325	4019804	4049524	1.89	cps
Scandium	45-2	32124	32899	32548	32523	1.19	cps
Selenium	77-2	213	170	143	176	20.12	cps
Selenium	78-2	672	519	502	564	16.65	cps
Selenium	82-1	27973	27971	27754	27899	0.45	cps
Silicon	28-1	2343722	2293977	2331334	2323011	1.11	cps
Silver	109-1	1048447	1032545	1039332	1040108	0.77	cps
Silver	107-1	1089310	1089305	1092800	1090471	0.18	cps
Sodium	23-2	167011	169723	166060	167598	1.13	cps
Strontium	86-1	1481936	1474981	1491644	1482853	0.56	cps
Strontium	88-1	12566654	12560960	12618840	12582151	0.25	cps
Sulfur	34-1	365037	361459	365230	363908	0.58	cps
Terbium	159-1	8697770	8578028	8539217	8605005	0.96	cps
Terbium	159-2	1914457	1934704	1885140	1911434	1.30	cps
Thallium	203-1	1448680	1424792	1449559	1441010	0.98	cps
Thallium	205-1	3512934	3488826	3505985	3502582	0.35	cps
Tin	118-1	3733368	3737343	3723884	3731532	0.19	cps
Titanium	47-1	572177	565819	572578	570191	0.66	cps
Uranium	238-1	11382537	11338591	11310964	11344030	0.32	cps
Vanadium	51-2	67934	67311	68593	67946	0.94	cps
Yttrium	89-1	7624732	7474682	7567008	7555474	1.00	cps
Yttrium	89-2	239101	236423	237326	237617	0.57	cps
Zinc	66-2	31997	32578	31990	32189	1.05	cps
Zirconium	90-1	7712329	7758291	7754360	7741660	0.33	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:43:33	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1770417	1759484	1795872	1775258	1.05	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 13:46:38 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	33	17	17	100.00	cps
Antimony	121-1	1842	2017	1800	1886	6.10	cps
Arsenic	75-2	9	11	4	8	48.07	cps
Barium	135-1	83	100	8	64	76.43	cps
Barium	137-1	167	133	192	164	17.86	cps
Beryllium	9-1	167	300	261	243	28.27	cps
Bismuth	209-1	4938920	4868045	4806170	4871045	1.36	cps
Bismuth	209-2	1512216	1490472	1488688	1497126	0.87	cps
Boron	11-1	17420	16268	15884	16524	4.84	cps
Boron	10-1	3559	3317	3075	3317	7.29	cps
Cadmium	106-1	1292	1333	1534	1386	9.32	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Cadmium	111-1	911	961	1097	989	9.74	cps
Calcium	43-1	2125	1959	2000	2028	4.28	cps
Calcium	44-1	42357	42114	40593	41688	2.29	cps
Chromium	52-2	850	890	750	830	8.69	cps
Cobalt	59-2	100	60	70	77	27.15	cps
Copper	63-2	337	300	307	314	6.21	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	50	8	25	88.19	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	33	67	67	56	34.65	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	8173488	8000769	8110173	8094810	1.08	cps
Holmium	165-2	1972044	1947058	1966981	1962028	0.67	cps
Indium	115-1	7122838	7072666	7092367	7095957	0.36	cps
Indium	115-2	331206	328691	327910	329269	0.52	cps
Iron	56-2	2545	2578	2550	2558	0.70	cps
Iron	57-2	67	67	56	63	10.19	cps
Lead	206-1	1050	1195	1117	1120	6.45	cps
Lead	207-1	817	1000	950	922	10.28	cps
Lead	208-1	4123	4417	4239	4260	3.48	cps
Lithium	6-1	930493	923663	891694	915283	2.26	cps
Magnesium	24-2	200	125	217	181	27.04	cps
Manganese	55-2	27	53	50	43	33.52	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:46:38	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	608	600	542	583	6.23	cps
Molybdenum	94-1	675	508	508	564	17.07	cps
Molybdenum	95-1	308	333	217	286	21.47	cps
Molybdenum	96-1	517	383	433	444	15.16	cps
Molybdenum	97-1	267	217	167	217	23.08	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	97	93	40	77	41.48	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	2900	3092	3050	3014	3.35	cps
Rhodium	103-1	6472264	6503869	6548739	6508291	0.59	cps
Rhodium	103-2	1841851	1813195	1841087	1832044	0.89	cps
Scandium	45-1	4048785	4062941	4023875	4045200	0.49	cps
Scandium	45-2	32775	31455	31706	31979	2.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-75	-4	-23	-34	-108.38	cps
Silicon	28-1	380114	378159	377339	378537	0.38	cps
Silver	109-1	217	250	225	231	7.52	cps
Silver	107-1	233	283	267	261	9.75	cps
Sodium	23-2	10346	10262	9404	10004	5.21	cps
Strontium	86-1	975	842	825	881	9.34	cps
Strontium	88-1	850	658	483	664	27.62	cps
Sulfur	34-1	354219	352259	349566	352015	0.66	cps
Terbium	159-1	8404809	8429186	8375942	8403312	0.32	cps
Terbium	159-2	1926618	1893679	1899181	1906492	0.93	cps
Thallium	203-1	808	600	492	633	25.41	cps
Thallium	205-1	1617	1684	1575	1625	3.36	cps
Tin	118-1	1759	1558	1534	1617	7.63	cps
Titanium	47-1	158	108	167	144	21.84	cps
Uranium	238-1	433	433	325	397	15.75	cps
Vanadium	51-2	13	13	23	17	34.65	cps
Yttrium	89-1	7618944	7412096	7471093	7500711	1.42	cps
Yttrium	89-2	239462	237288	233468	236739	1.28	cps
Zinc	66-2	97	100	90	96	5.33	cps
Zirconium	90-1	992	917	708	872	16.83	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:46:38	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	175	183	211	26.28	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:49:46	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	553469	545473	555461	551468	0.96	cps
Antimony	121-1	12315	12765	13265	12782	3.72	cps
Arsenic	75-2	39	37	54	43	21.13	cps
Barium	135-1	3192	3242	2984	3139	4.37	cps
Barium	137-1	5685	5810	5326	5607	4.48	cps
Beryllium	9-1	467	583	456	502	14.11	cps
Bismuth	209-1	4792031	4730229	4794910	4772390	0.77	cps
Bismuth	209-2	1415789	1415154	1410237	1413727	0.21	cps
Boron	11-1	12056	12306	11038	11800	5.69	cps
Boron	10-1	2634	2367	2359	2453	6.38	cps
Cadmium	106-1	1325	1442	1400	1389	4.26	cps
Cadmium	108-1	1017	1025	1008	1017	0.82	cps
Cadmium	111-1	1528	1546	1558	1544	0.95	cps
Calcium	43-1	2120798	2137607	2131893	2130099	0.40	cps
Calcium	44-1	34143153	34509588	34337608	34330116	0.53	cps
Chromium	52-2	18933	18643	19057	18877	1.13	cps
Cobalt	59-2	2367	2400	2450	2406	1.74	cps
Copper	63-2	14575	14641	14268	14494	1.38	cps
Dysprosium	156-1	50	92	67	69	30.20	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	33	58	42	44	28.65	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	75	150	100	108	35.25	cps
Gadolinium	160-2	10	20	7	12	56.76	cps
Holmium	165-1	8416073	8126058	8292676	8278269	1.76	cps
Holmium	165-2	1926470	1895634	1938125	1920076	1.14	cps
Indium	115-1	6919205	6905135	6911973	6912104	0.10	cps
Indium	115-2	306705	307548	306792	307015	0.15	cps
Iron	56-2	60182436	59759261	60082662	60008120	0.37	cps
Iron	57-2	1562851	1513306	1536006	1537388	1.61	cps
Lead	206-1	26806	28215	27313	27445	2.60	cps
Lead	207-1	21046	21914	22159	21706	2.69	cps
Lead	208-1	99396	103805	102885	102029	2.28	cps
Lithium	6-1	864989	850456	860823	858756	0.87	cps
Magnesium	24-2	3003419	3047156	3037139	3029238	0.76	cps
Manganese	55-2	2080	1877	2037	1998	5.36	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:49:46	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	13396581	13438608	13442381	13425856	0.19	cps
Molybdenum	94-1	4703908	4788858	4647648	4713472	1.51	cps
Molybdenum	95-1	8404324	8423811	8337950	8388695	0.54	cps
Molybdenum	96-1	8822253	8838740	8867366	8842786	0.26	cps
Molybdenum	97-1	5156954	5195838	5066206	5139666	1.29	cps
Neodymium	150-1	33	40	40	38	10.19	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	3197	3230	3234	3220	0.63	cps
Phosphorus	31-2	43610	43518	43459	43529	0.17	cps
Potassium	39-2	1833080	1811364	1829902	1824782	0.64	cps
Rhodium	103-1	6180306	6135769	6225728	6180601	0.73	cps
Rhodium	103-2	1701228	1723422	1705358	1710003	0.69	cps
Scandium	45-1	3924725	3874510	3944198	3914478	0.92	cps
Scandium	45-2	30714	31071	31278	31021	0.92	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	9	6	6	45.85	cps
Selenium	82-1	25	50	-42	11	429.75	cps
Silicon	28-1	486761	482142	486394	485099	0.53	cps
Silver	109-1	1700	2309	2359	2122	17.27	cps
Silver	107-1	1934	2042	2492	2156	13.74	cps
Sodium	23-2	7394242	7401019	7328455	7374572	0.54	cps
Strontium	86-1	94091	93511	95869	94490	1.30	cps
Strontium	88-1	822298	820623	828021	823647	0.47	cps
Sulfur	34-1	2733466	2755224	2735462	2741384	0.44	cps
Terbium	159-1	8632354	8534020	8542594	8569656	0.64	cps
Terbium	159-2	1828382	1845629	1822658	1832223	0.65	cps
Thallium	203-1	1067	1317	1292	1225	11.24	cps
Thallium	205-1	2775	2834	2575	2728	4.97	cps
Tin	118-1	2517	2659	2600	2592	2.75	cps
Titanium	47-1	2150233	2154609	2184154	2162999	0.85	cps
Uranium	238-1	433	450	392	425	7.07	cps
Vanadium	51-2	97	117	93	102	12.34	cps
Yttrium	89-1	7420113	7340744	7378452	7379770	0.54	cps
Yttrium	89-2	226900	226793	228228	227307	0.35	cps
Zinc	66-2	1997	1803	2017	1939	6.08	cps
Zirconium	90-1	1967	2025	1859	1950	4.34	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:49:46	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	400	417	419	5.00	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 13:52:52 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	553873	549184	548510	550522	0.53	cps
Antimony	121-1	216146	215952	219703	217267	0.97	cps
Arsenic	75-2	2280	2163	2191	2211	2.76	cps
Barium	135-1	46098	45504	46224	45942	0.84	cps
Barium	137-1	79992	79950	79690	79877	0.21	cps
Beryllium	9-1	22952	23681	23625	23420	1.73	cps
Bismuth	209-1	4721605	4827596	4697871	4749024	1.45	cps
Bismuth	209-2	1410474	1414206	1409287	1411322	0.18	cps
Boron	11-1	42949	44595	41386	42977	3.73	cps
Boron	10-1	9112	9529	9387	9342	2.27	cps
Cadmium	106-1	6669	6427	6685	6594	2.19	cps
Cadmium	108-1	4363	4463	4209	4345	2.95	cps
Cadmium	111-1	47095	45928	46128	46383	1.35	cps
Calcium	43-1	2145693	2145157	2101523	2130791	1.19	cps
Calcium	44-1	33958754	34556737	34205055	34240182	0.88	cps
Chromium	52-2	36591	35946	36668	36402	1.09	cps
Cobalt	59-2	42461	42150	41773	42128	0.82	cps
Copper	63-2	48835	49117	48391	48781	0.75	cps
Dysprosium	156-1	108	25	50	61	69.98	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	50	92	50	64	37.66	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	83	58	58	67	21.65	cps
Gadolinium	160-2	10	20	20	17	34.64	cps
Holmium	165-1	8319968	8277888	8296214	8298024	0.25	cps
Holmium	165-2	1935248	1931584	1917639	1928157	0.48	cps
Indium	115-1	6966819	6977234	6998722	6980925	0.23	cps
Indium	115-2	308764	308158	304766	307229	0.70	cps
Iron	56-2	60626603	59463632	59799233	59963156	1.00	cps
Iron	57-2	1542401	1545254	1510901	1532852	1.24	cps
Lead	206-1	142288	145424	141542	143084	1.44	cps
Lead	207-1	116536	121156	116722	118138	2.21	cps
Lead	208-1	543503	556245	542738	547496	1.39	cps
Lithium	6-1	863518	867226	857126	862623	0.59	cps
Magnesium	24-2	3016350	2998344	2976429	2997041	0.67	cps
Manganese	55-2	7169	7109	7069	7115	0.71	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:52:52	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	13883118	13968583	13822379	13891360	0.53	cps
Molybdenum	94-1	5177092	5180378	5156365	5171279	0.25	cps
Molybdenum	95-1	8714559	8650582	8707574	8690905	0.40	cps
Molybdenum	96-1	9249934	9210550	9165486	9208657	0.46	cps
Molybdenum	97-1	5385117	5373174	5290228	5349506	0.97	cps
Neodymium	150-1	60	60	40	53	21.65	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	14645	14668	14381	14564	1.09	cps
Phosphorus	31-2	43510	44605	42958	43691	1.92	cps
Potassium	39-2	1829269	1792878	1804719	1808955	1.03	cps
Rhodium	103-1	6181973	6338247	6241651	6253957	1.26	cps
Rhodium	103-2	1703052	1699516	1686225	1696265	0.52	cps
Scandium	45-1	3961188	3958353	3875558	3931700	1.24	cps
Scandium	45-2	31355	30797	29782	30645	2.60	cps
Selenium	77-2	10	13	17	13	25.01	cps
Selenium	78-2	50	41	54	48	13.87	cps
Selenium	82-1	2659	2630	2665	2651	0.72	cps
Silicon	28-1	719509	734390	708185	720695	1.82	cps
Silver	109-1	196877	197590	194427	196298	0.85	cps
Silver	107-1	206044	208238	205883	206721	0.64	cps
Sodium	23-2	7298330	7275976	7331563	7301956	0.38	cps
Strontium	86-1	244374	246012	243163	244516	0.58	cps
Strontium	88-1	2171863	2169718	2146812	2162797	0.64	cps
Sulfur	34-1	2730068	2732749	2730203	2731007	0.06	cps
Terbium	159-1	8659522	8642572	8619939	8640678	0.23	cps
Terbium	159-2	1838044	1843342	1837241	1839542	0.18	cps
Thallium	203-1	141000	144439	141582	142340	1.29	cps
Thallium	205-1	340027	340967	339045	340013	0.28	cps
Tin	118-1	385622	383778	384836	384745	0.24	cps
Titanium	47-1	2219273	2251665	2240040	2236993	0.73	cps
Uranium	238-1	1097694	1126822	1091213	1105243	1.72	cps
Vanadium	51-2	13146	13110	13353	13203	0.99	cps
Yttrium	89-1	7390265	7436718	7425024	7417336	0.33	cps
Yttrium	89-2	225960	227534	226137	226543	0.38	cps
Zinc	66-2	4888	5171	4998	5019	2.85	cps
Zirconium	90-1	811315	817914	811518	813582	0.46	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:52:52	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183166	183032	183609	183269	0.16	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:55:56	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321044	322397	318708	320716	0.58	cps
Antimony	121-1	5461117	5453332	5469538	5461329	0.15	cps
Arsenic	75-2	58343	57815	58579	58245	0.67	cps
Barium	135-1	5601654	5628761	5635629	5622015	0.32	cps
Barium	137-1	9567521	9685301	9557505	9603442	0.74	cps
Beryllium	9-1	617536	609703	611009	612749	0.68	cps
Bismuth	209-1	4894925	4895289	4913120	4901111	0.21	cps
Bismuth	209-2	1446456	1446537	1440303	1444432	0.25	cps
Boron	11-1	339825	341443	346277	342515	0.98	cps
Boron	10-1	73899	74443	74837	74393	0.63	cps
Cadmium	106-1	117946	117215	119021	118061	0.77	cps
Cadmium	108-1	81029	80153	79202	80128	1.14	cps
Cadmium	111-1	1161463	1145392	1153420	1153425	0.70	cps
Calcium	43-1	5542363	5466938	5448573	5485958	0.91	cps
Calcium	44-1	90076896	89108435	89387106	89524146	0.56	cps
Chromium	52-2	478906	479251	475828	477995	0.39	cps
Cobalt	59-2	1017065	1019485	1017049	1017867	0.14	cps
Copper	63-2	1776959	1810035	1774443	1787146	1.11	cps
Dysprosium	156-1	200	192	200	197	2.44	cps
Dysprosium	156-2	33	27	53	38	36.73	cps
Erbium	164-1	92	100	117	103	12.38	cps
Erbium	164-2	30	23	13	22	37.76	cps
Gadolinium	160-1	225	125	217	189	29.37	cps
Gadolinium	160-2	30	37	37	34	11.18	cps
Holmium	165-1	8642012	8556441	8696003	8631485	0.82	cps
Holmium	165-2	1992159	1992011	1961411	1981860	0.89	cps
Indium	115-1	7094287	7039752	6973724	7035921	0.86	cps
Indium	115-2	305643	307690	306024	306453	0.36	cps
Iron	56-2	78235805	78306502	77959596	78167301	0.23	cps
Iron	57-2	1999733	1986900	1988204	1991612	0.35	cps
Lead	206-1	3015973	3009083	3069658	3031571	1.09	cps
Lead	207-1	2813158	2790084	2733327	2778856	1.48	cps
Lead	208-1	12279467	12290549	12240404	12270140	0.21	cps
Lithium	6-1	871163	881293	876472	876309	0.58	cps
Magnesium	24-2	7871069	7978718	7932284	7927357	0.68	cps
Manganese	55-2	263598	264728	262732	263686	0.38	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:55:56	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3787389	3723850	3754711	3755317	0.85	cps
Molybdenum	94-1	4330014	4273540	4282328	4295294	0.71	cps
Molybdenum	95-1	2392359	2345858	2364482	2367566	0.99	cps
Molybdenum	96-1	2976811	2998112	2991133	2988686	0.36	cps
Molybdenum	97-1	1432135	1439937	1442184	1438085	0.37	cps
Neodymium	150-1	400	353	393	382	6.60	cps
Neodymium	150-2	33	20	13	22	45.83	cps
Nickel	60-2	297376	295875	295163	296138	0.38	cps
Phosphorus	31-2	4518	4834	4851	4734	3.97	cps
Potassium	39-2	2375833	2375287	2407771	2386297	0.78	cps
Rhodium	103-1	6388630	6242932	6333006	6321523	1.16	cps
Rhodium	103-2	1688228	1697476	1707231	1697645	0.56	cps
Scandium	45-1	4062314	4022106	3989895	4024771	0.90	cps
Scandium	45-2	31783	32083	32094	31987	0.55	cps
Selenium	77-2	390	363	503	419	17.75	cps
Selenium	78-2	1432	1395	1456	1427	2.16	cps
Selenium	82-1	70801	70844	70107	70584	0.59	cps
Silicon	28-1	2371464	2322975	2363897	2352779	1.11	cps
Silver	109-1	5363448	5339823	5304817	5336029	0.55	cps
Silver	107-1	5611423	5581232	5535108	5575921	0.69	cps
Sodium	23-2	19299438	19438563	19237949	19325317	0.53	cps
Strontium	86-1	1564926	1542134	1550615	1552558	0.74	cps
Strontium	88-1	13364165	13237798	13273802	13291921	0.49	cps
Sulfur	34-1	663715	665527	668774	666005	0.38	cps
Terbium	159-1	8990907	8935069	8944052	8956676	0.33	cps
Terbium	159-2	1921078	1902509	1887830	1903805	0.88	cps
Thallium	203-1	3813199	3752934	3767821	3777985	0.83	cps
Thallium	205-1	8809614	8782989	8640638	8744414	1.04	cps
Tin	118-1	3823331	3754927	3808371	3795543	0.95	cps
Titanium	47-1	580488	579257	572618	577454	0.73	cps
Uranium	238-1	11399149	11379091	11306209	11361483	0.43	cps
Vanadium	51-2	354198	352908	354138	353748	0.21	cps
Yttrium	89-1	7593425	7508011	7527318	7542918	0.59	cps
Yttrium	89-2	229597	231420	230617	230545	0.40	cps
Zinc	66-2	161025	162202	161548	161592	0.36	cps
Zirconium	90-1	8169021	8084146	8117670	8123613	0.53	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:55:56	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1870824	1853370	1856324	1860173	0.50	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:58:56	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	17	22	78.07	cps
Antimony	121-1	2417	2625	2475	2506	4.29	cps
Arsenic	75-2	17	6	7	10	60.25	cps
Barium	135-1	375	508	442	442	15.10	cps
Barium	137-1	733	783	800	772	4.49	cps
Beryllium	9-1	244	233	306	261	14.89	cps
Bismuth	209-1	4882511	5073370	4853250	4936377	2.42	cps
Bismuth	209-2	1509786	1515152	1510466	1511801	0.19	cps
Boron	11-1	13040	11780	11130	11983	8.10	cps
Boron	10-1	2942	2684	2375	2667	10.64	cps
Cadmium	106-1	1400	1559	1467	1475	5.39	cps
Cadmium	108-1	8	38	4	17	108.97	cps
Cadmium	111-1	1128	1215	1166	1170	3.70	cps
Calcium	43-1	2800	2534	2300	2545	9.83	cps
Calcium	44-1	51320	52047	50074	51147	1.95	cps
Chromium	52-2	887	923	900	903	2.05	cps
Cobalt	59-2	163	103	57	108	49.61	cps
Copper	63-2	603	573	467	548	13.11	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	8238003	8339088	7943106	8173399	2.52	cps
Holmium	165-2	1990188	1976463	1955233	1973962	0.89	cps
Indium	115-1	7057107	7312906	6874998	7081671	3.11	cps
Indium	115-2	326588	323976	327901	326155	0.61	cps
Iron	56-2	8325	9626	4468	7473	35.90	cps
Iron	57-2	261	250	122	211	36.56	cps
Lead	206-1	1100	1245	1033	1126	9.59	cps
Lead	207-1	989	978	895	954	5.41	cps
Lead	208-1	4500	4734	4356	4530	4.21	cps
Lithium	6-1	899185	952881	883022	911696	4.01	cps
Magnesium	24-2	592	883	292	589	50.24	cps
Manganese	55-2	80	80	53	71	21.65	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:58:56	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1067	1167	1108	1114	4.51	cps
Molybdenum	94-1	1050	992	933	992	5.88	cps
Molybdenum	95-1	758	783	767	770	1.65	cps
Molybdenum	96-1	992	1000	750	914	15.54	cps
Molybdenum	97-1	333	525	325	394	28.68	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	147	130	128	15.72	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3601	3667	3134	3467	8.38	cps
Rhodium	103-1	6555241	6694228	6312916	6520795	2.96	cps
Rhodium	103-2	1856787	1832843	1830000	1839877	0.80	cps
Scandium	45-1	3982216	4171849	3872268	4008778	3.78	cps
Scandium	45-2	32000	31709	32347	32019	1.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	38	18	35	31	36.13	cps
Silicon	28-1	372284	371520	370657	371487	0.22	cps
Silver	109-1	808	833	858	833	3.00	cps
Silver	107-1	942	867	858	889	5.16	cps
Sodium	23-2	13615	13090	11980	12895	6.47	cps
Strontium	86-1	825	925	942	897	7.03	cps
Strontium	88-1	1217	1425	1458	1367	9.58	cps
Sulfur	34-1	348828	346435	347928	347730	0.35	cps
Terbium	159-1	8421958	8721816	8406575	8516783	2.09	cps
Terbium	159-2	1909252	1908800	1886714	1901589	0.68	cps
Thallium	203-1	1075	1142	1033	1083	5.05	cps
Thallium	205-1	2434	2167	2134	2245	7.33	cps
Tin	118-1	2125	2009	1592	1909	14.69	cps
Titanium	47-1	200	242	175	206	16.38	cps
Uranium	238-1	808	1167	992	989	18.12	cps
Vanadium	51-2	47	47	3	32	77.65	cps
Yttrium	89-1	7399682	7632443	7267686	7433270	2.48	cps
Yttrium	89-2	236004	232197	235468	234556	0.88	cps
Zinc	66-2	100	103	133	112	16.36	cps
Zirconium	90-1	1592	1650	1584	1609	2.26	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 13:58:56	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	350	375	342	11.18	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 14:02:38	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	100	108	139	43.41	cps
Antimony	121-1	20375	20642	20341	20453	0.81	cps
Arsenic	75-2	104	137	115	119	14.32	cps
Barium	135-1	18714	18931	19290	18978	1.53	cps
Barium	137-1	33393	33351	32942	33229	0.75	cps
Beryllium	9-1	1256	1445	1361	1354	6.99	cps
Bismuth	209-1	4887260	4841565	4982781	4903869	1.47	cps
Bismuth	209-2	1490938	1486528	1488213	1488560	0.15	cps
Boron	11-1	20816	21250	20715	20927	1.36	cps
Boron	10-1	4476	4876	4593	4648	4.43	cps
Cadmium	106-1	1700	1600	1659	1653	3.04	cps
Cadmium	108-1	142	188	129	153	20.10	cps
Cadmium	111-1	3275	3072	3129	3159	3.30	cps
Calcium	43-1	11705	11930	11689	11775	1.15	cps
Calcium	44-1	202534	202188	203030	202584	0.21	cps
Chromium	52-2	2847	2760	2630	2746	3.97	cps
Cobalt	59-2	1930	1927	1997	1951	2.02	cps
Copper	63-2	4227	4144	4371	4247	2.70	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	67	92	75	78	16.37	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	8173097	8270981	8285680	8243253	0.74	cps
Holmium	165-2	1981917	1955853	1960793	1966188	0.70	cps
Indium	115-1	7168906	7239796	7185764	7198155	0.51	cps
Indium	115-2	327466	326620	326842	326976	0.13	cps
Iron	56-2	31202	31119	30963	31094	0.39	cps
Iron	57-2	789	822	856	822	4.05	cps
Lead	206-1	6663	6796	6691	6717	1.05	cps
Lead	207-1	6107	6040	5990	6046	0.97	cps
Lead	208-1	27540	26506	27056	27034	1.91	cps
Lithium	6-1	932567	911553	944355	929492	1.79	cps
Magnesium	24-2	14575	14917	14575	14689	1.35	cps
Manganese	55-2	293	290	320	301	5.46	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 14:02:38	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	31847	32214	31839	31966	0.67	cps
Molybdenum	94-1	16711	16502	16903	16705	1.20	cps
Molybdenum	95-1	19665	19832	18663	19387	3.26	cps
Molybdenum	96-1	22361	22127	22294	22261	0.54	cps
Molybdenum	97-1	12498	12498	12356	12451	0.66	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	623	637	710	657	7.11	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	11997	11797	11780	11858	1.02	cps
Rhodium	103-1	6627600	6623735	6700626	6650654	0.65	cps
Rhodium	103-2	1838134	1810419	1827720	1825424	0.77	cps
Scandium	45-1	4047531	4020448	4032963	4033647	0.34	cps
Scandium	45-2	31956	32451	32735	32381	1.22	cps
Selenium	77-2	13	3	10	9	57.30	cps
Selenium	78-2	6	15	15	12	45.54	cps
Selenium	82-1	696	626	611	644	7.09	cps
Silicon	28-1	411804	410993	416185	412994	0.68	cps
Silver	109-1	13115	13174	13599	13296	1.99	cps
Silver	107-1	14016	13941	14183	14047	0.88	cps
Sodium	23-2	45624	43367	43802	44264	2.71	cps
Strontium	86-1	3826	3467	3584	3626	5.04	cps
Strontium	88-1	23813	23146	23713	23557	1.53	cps
Sulfur	34-1	352002	352595	349599	351399	0.45	cps
Terbium	159-1	8559158	8628580	8631968	8606568	0.48	cps
Terbium	159-2	1897352	1896484	1872535	1888790	0.75	cps
Thallium	203-1	6785	7219	6660	6888	4.26	cps
Thallium	205-1	16161	16937	16319	16473	2.49	cps
Tin	118-1	34328	34437	34078	34281	0.54	cps
Titanium	47-1	4993	5101	4984	5026	1.29	cps
Uranium	238-1	19266	18707	19299	19091	1.74	cps
Vanadium	51-2	3327	3190	3217	3245	2.23	cps
Yttrium	89-1	7610996	7590595	7642245	7614612	0.34	cps
Yttrium	89-2	236338	234221	234673	235077	0.47	cps
Zinc	66-2	440	340	410	397	12.94	cps
Zirconium	90-1	14683	14633	15042	14786	1.51	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 14:02:38	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3692	2975	3234	3301	11.00	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:00:29	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317572	318619	322829	319673	0.87	cps
Antimony	121-1	5316817	5305610	5357813	5326747	0.52	cps
Arsenic	75-2	58194	57294	58066	57851	0.84	cps
Barium	135-1	5476270	5487403	5492308	5485327	0.15	cps
Barium	137-1	9380991	9308490	9350341	9346607	0.39	cps
Beryllium	9-1	615629	612884	617595	615369	0.38	cps
Bismuth	209-1	4789383	4804749	4853772	4815968	0.70	cps
Bismuth	209-2	1441266	1450162	1451452	1447627	0.38	cps
Boron	11-1	332883	332436	342034	335784	1.61	cps
Boron	10-1	71847	73036	73188	72690	1.01	cps
Cadmium	106-1	115039	116693	118089	116607	1.31	cps
Cadmium	108-1	78657	78561	79869	79029	0.92	cps
Cadmium	111-1	1130752	1131324	1142485	1134853	0.58	cps
Calcium	43-1	5381097	5334325	5383121	5366181	0.51	cps
Calcium	44-1	87523217	86961889	86955060	87146722	0.37	cps
Chromium	52-2	470715	471872	472257	471615	0.17	cps
Cobalt	59-2	1015939	1001897	1010821	1009552	0.70	cps
Copper	63-2	1751825	1757998	1761092	1756972	0.27	cps
Dysprosium	156-1	225	200	208	211	6.03	cps
Dysprosium	156-2	37	13	23	24	47.91	cps
Erbium	164-1	75	58	92	75	22.22	cps
Erbium	164-2	27	10	20	19	44.42	cps
Gadolinium	160-1	150	150	233	178	27.06	cps
Gadolinium	160-2	50	53	53	52	3.68	cps
Holmium	165-1	8507969	8425107	8493886	8475654	0.52	cps
Holmium	165-2	1987277	1965854	1970537	1974556	0.57	cps
Indium	115-1	6796789	6814993	6988584	6866789	1.54	cps
Indium	115-2	309220	309613	309838	309557	0.10	cps
Iron	56-2	76827268	76659588	76680116	76722324	0.12	cps
Iron	57-2	1972429	1957896	1952043	1960789	0.54	cps
Lead	206-1	3009345	2971982	2976703	2986010	0.68	cps
Lead	207-1	2704269	2687288	2723358	2704972	0.67	cps
Lead	208-1	12087940	11955868	12078801	12040870	0.61	cps
Lithium	6-1	861383	856218	861453	859684	0.35	cps
Magnesium	24-2	7809652	7707497	7784061	7767070	0.68	cps
Manganese	55-2	260530	262218	262452	261733	0.40	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:00:29	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3694071	3676333	3694081	3688162	0.28	cps
Molybdenum	94-1	4250411	4213604	4264917	4242977	0.62	cps
Molybdenum	95-1	2330126	2300803	2310194	2313708	0.65	cps
Molybdenum	96-1	2934238	2901075	2936669	2923994	0.68	cps
Molybdenum	97-1	1405571	1405569	1419843	1410328	0.58	cps
Neodymium	150-1	360	327	400	362	10.14	cps
Neodymium	150-2	27	13	60	33	72.11	cps
Nickel	60-2	295282	293577	293703	294187	0.32	cps
Phosphorus	31-2	4543	4893	4951	4795	4.61	cps
Potassium	39-2	2382292	2385565	2381476	2383111	0.09	cps
Rhodium	103-1	6218601	6199052	6183442	6200365	0.28	cps
Rhodium	103-2	1723111	1712571	1697746	1711143	0.74	cps
Scandium	45-1	3964177	3919820	3957787	3947261	0.61	cps
Scandium	45-2	31272	31689	31639	31533	0.72	cps
Selenium	77-2	440	357	477	424	14.49	cps
Selenium	78-2	1400	1378	1348	1375	1.89	cps
Selenium	82-1	69686	69412	69501	69533	0.20	cps
Silicon	28-1	2448487	2445855	2496526	2463623	1.16	cps
Silver	109-1	5236019	5202508	5301491	5246673	0.96	cps
Silver	107-1	5442960	5413584	5490483	5449009	0.71	cps
Sodium	23-2	19160226	19046148	19161453	19122609	0.35	cps
Strontium	86-1	1545825	1528723	1520826	1531792	0.83	cps
Strontium	88-1	13106126	13071082	12996441	13057883	0.43	cps
Sulfur	34-1	687857	691925	684686	688156	0.53	cps
Terbium	159-1	8673250	8753244	8865990	8764161	1.10	cps
Terbium	159-2	1896467	1929393	1896966	1907609	0.99	cps
Thallium	203-1	3633858	3657340	3747355	3679518	1.63	cps
Thallium	205-1	8618028	8557780	8680132	8618647	0.71	cps
Tin	118-1	3683909	3720525	3727816	3710750	0.63	cps
Titanium	47-1	572710	570418	572341	571823	0.22	cps
Uranium	238-1	11109770	11247228	11176379	11177792	0.61	cps
Vanadium	51-2	350756	354130	350584	351823	0.57	cps
Yttrium	89-1	7389831	7420093	7393400	7401108	0.22	cps
Yttrium	89-2	232775	229023	230549	230782	0.82	cps
Zinc	66-2	158258	158709	158757	158575	0.17	cps
Zirconium	90-1	8030130	7857713	7923352	7937065	1.10	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:00:29	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1812073	1828570	1828898	1823180	0.53	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 15:03:28 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	25	11	114.58	cps
Antimony	121-1	2851	3276	2784	2970	8.98	cps
Arsenic	75-2	6	7	7	7	15.72	cps
Barium	135-1	175	167	25	122	68.97	cps
Barium	137-1	308	233	92	211	52.12	cps
Beryllium	9-1	233	189	228	217	11.18	cps
Bismuth	209-1	5028598	5070418	4987627	5028881	0.82	cps
Bismuth	209-2	1536296	1528922	1528231	1531150	0.29	cps
Boron	11-1	8078	7727	6852	7552	8.36	cps
Boron	10-1	1909	1800	1642	1784	7.52	cps
Cadmium	106-1	1458	1417	1392	1422	2.37	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Cadmium	111-1	1072	1018	1041	1044	2.62	cps
Calcium	43-1	2325	2067	2150	2181	6.05	cps
Calcium	44-1	42474	43310	39774	41853	4.42	cps
Chromium	52-2	783	973	730	829	15.43	cps
Cobalt	59-2	33	57	37	42	29.89	cps
Copper	63-2	237	263	277	259	7.87	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	8	17	25	88.19	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	8	33	67	36	81.06	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	8361735	8445347	8382512	8396531	0.52	cps
Holmium	165-2	1978131	2007365	1978472	1987989	0.84	cps
Indium	115-1	7164278	7266675	7158357	7196437	0.85	cps
Indium	115-2	331483	330881	325983	329449	0.92	cps
Iron	56-2	2234	2228	2439	2300	5.23	cps
Iron	57-2	94	67	61	74	24.11	cps
Lead	206-1	972	878	1106	985	11.62	cps
Lead	207-1	845	750	644	746	13.41	cps
Lead	208-1	3700	3478	3539	3573	3.21	cps
Lithium	6-1	909236	925262	888897	907798	2.01	cps
Magnesium	24-2	183	158	67	136	45.13	cps
Manganese	55-2	37	27	50	38	30.98	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:03:28	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	550	558	350	486	24.26	cps
Molybdenum	94-1	667	700	458	608	21.53	cps
Molybdenum	95-1	333	300	183	272	28.93	cps
Molybdenum	96-1	500	508	467	492	4.48	cps
Molybdenum	97-1	192	275	167	211	26.87	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	57	73	97	76	26.59	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2984	3217	3276	3159	4.89	cps
Rhodium	103-1	6637104	6647264	6599653	6628007	0.38	cps
Rhodium	103-2	1864954	1833750	1851157	1849954	0.85	cps
Scandium	45-1	3955459	4032465	3985677	3991200	0.97	cps
Scandium	45-2	32722	32892	32053	32556	1.36	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	11	6	88.24	cps
Selenium	82-1	-28	28	-18	-6	-504.99	cps
Silicon	28-1	378404	379063	370584	376017	1.25	cps
Silver	109-1	317	317	267	300	9.62	cps
Silver	107-1	367	383	233	328	25.08	cps
Sodium	23-2	8578	8453	8720	8583	1.56	cps
Strontium	86-1	883	1067	908	953	10.44	cps
Strontium	88-1	600	542	508	550	8.44	cps
Sulfur	34-1	351226	348357	350173	349919	0.41	cps
Terbium	159-1	8611277	8840642	8671661	8707860	1.37	cps
Terbium	159-2	1898787	1890100	1889785	1892891	0.27	cps
Thallium	203-1	1092	1025	875	997	11.13	cps
Thallium	205-1	2775	2659	1967	2467	17.71	cps
Tin	118-1	1809	1867	1550	1742	9.68	cps
Titanium	47-1	158	117	150	142	15.56	cps
Uranium	238-1	225	275	200	233	16.37	cps
Vanadium	51-2	3	13	13	10	57.75	cps
Yttrium	89-1	7458402	7503870	7534773	7499015	0.51	cps
Yttrium	89-2	238929	237258	236077	237421	0.60	cps
Zinc	66-2	93	67	77	79	17.08	cps
Zirconium	90-1	1392	1492	1000	1295	20.07	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:03:28	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	267	258	269	4.72	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : PB101634BL Instrumnet Name : P8
 Client Sample ID : PB101634BL Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 15:06:37 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	17	14	34.67	cps
Antimony	121-1	900	808	1042	917	12.82	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	25	17	75	39	81.12	cps
Barium	137-1	42	133	58	78	62.78	cps
Beryllium	9-1	144	139	117	133	11.02	cps
Bismuth	209-1	4948698	4938956	4955986	4947880	0.17	cps
Bismuth	209-2	1528883	1510309	1524907	1521366	0.64	cps
Boron	11-1	3992	4142	4226	4120	2.87	cps
Boron	10-1	1067	750	917	911	17.39	cps
Cadmium	106-1	1492	1442	1467	1467	1.71	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Cadmium	111-1	1048	1018	1041	1035	1.53	cps
Calcium	43-1	2317	2067	2409	2264	7.81	cps
Calcium	44-1	39289	40426	39858	39858	1.43	cps
Chromium	52-2	750	880	780	803	8.47	cps
Cobalt	59-2	47	43	33	41	16.89	cps
Copper	63-2	257	197	243	232	13.57	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	8351112	8313498	8268306	8310972	0.50	cps
Holmium	165-2	2010488	1963962	1972762	1982404	1.25	cps
Indium	115-1	7203297	7298349	7269799	7257148	0.67	cps
Indium	115-2	328774	328046	332175	329665	0.67	cps
Iron	56-2	2184	2078	2106	2122	2.58	cps
Iron	57-2	50	39	100	63	51.70	cps
Lead	206-1	822	656	739	739	11.28	cps
Lead	207-1	522	633	589	582	9.62	cps
Lead	208-1	2622	2867	2795	2761	4.55	cps
Lithium	6-1	902961	926398	901153	910171	1.55	cps
Magnesium	24-2	175	117	92	128	33.47	cps
Manganese	55-2	50	43	30	41	24.77	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BL	Instrumnet Name :	P8
Client Sample ID :	PB101634BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:06:37	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	125	142	108	125	13.33	cps
Molybdenum	94-1	350	267	358	325	15.60	cps
Molybdenum	95-1	92	100	75	89	14.33	cps
Molybdenum	96-1	283	225	200	236	18.11	cps
Molybdenum	97-1	58	50	50	53	9.12	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	83	97	90	7.41	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2909	3134	2742	2928	6.71	cps
Rhodium	103-1	6594193	6606020	6623495	6607902	0.22	cps
Rhodium	103-2	1844229	1842724	1825201	1837385	0.58	cps
Scandium	45-1	3983607	4027741	4026091	4012480	0.62	cps
Scandium	45-2	31957	32067	32204	32076	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-103	-64	-34	-67	-52.01	cps
Silicon	28-1	369569	368144	369277	368997	0.20	cps
Silver	109-1	158	158	100	139	24.25	cps
Silver	107-1	150	150	200	167	17.32	cps
Sodium	23-2	6944	6744	6785	6824	1.55	cps
Strontium	86-1	883	950	817	883	7.55	cps
Strontium	88-1	375	358	383	372	3.42	cps
Sulfur	34-1	352827	353941	355097	353955	0.32	cps
Terbium	159-1	8738181	8662149	8608948	8669759	0.75	cps
Terbium	159-2	1904116	1878932	1926273	1903107	1.24	cps
Thallium	203-1	333	333	300	322	5.97	cps
Thallium	205-1	950	767	750	822	13.50	cps
Tin	118-1	1150	1392	1183	1242	10.55	cps
Titanium	47-1	125	117	92	111	15.61	cps
Uranium	238-1	75	50	17	47	61.97	cps
Vanadium	51-2	13	3	7	8	65.47	cps
Yttrium	89-1	7492550	7479514	7536568	7502877	0.40	cps
Yttrium	89-2	235548	234094	235287	234977	0.33	cps
Zinc	66-2	93	70	77	80	15.03	cps
Zirconium	90-1	858	758	892	836	8.30	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BL	Instrumnet Name :	P8
Client Sample ID :	PB101634BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:06:37	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	175	175	186	10.34	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BS	Instrumnet Name :	P8
Client Sample ID :	PB101634BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:09:45	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63485	61978	63024	62829	1.23	cps
Antimony	121-1	5428618	5476912	5475466	5460332	0.50	cps
Arsenic	75-2	59563	58047	58107	58572	1.47	cps
Barium	135-1	5535615	5586387	5510169	5544057	0.70	cps
Barium	137-1	9386629	9489511	9511827	9462656	0.71	cps
Beryllium	9-1	618570	612725	616310	615869	0.48	cps
Bismuth	209-1	5059888	5072787	5129269	5087315	0.73	cps
Bismuth	209-2	1516836	1507773	1511155	1511921	0.30	cps
Boron	11-1	324284	327998	334381	328888	1.55	cps
Boron	10-1	68422	71772	72978	71057	3.32	cps
Cadmium	106-1	118569	120552	120846	119989	1.03	cps
Cadmium	108-1	82153	81625	82379	82052	0.47	cps
Cadmium	111-1	1180973	1168169	1181404	1176849	0.64	cps
Calcium	43-1	1099128	1084261	1098420	1093936	0.77	cps
Calcium	44-1	17866167	17843864	17710738	17806923	0.47	cps
Chromium	52-2	473311	473624	469706	472214	0.46	cps
Cobalt	59-2	1046634	1032335	1029466	1036145	0.89	cps
Copper	63-2	1823683	1827891	1813994	1821856	0.39	cps
Dysprosium	156-1	133	117	117	122	7.87	cps
Dysprosium	156-2	17	23	13	18	28.64	cps
Erbium	164-1	67	33	25	42	52.92	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	75	142	92	103	33.76	cps
Gadolinium	160-2	40	43	20	34	36.64	cps
Holmium	165-1	8644318	8668162	8754225	8688901	0.67	cps
Holmium	165-2	2024970	2031034	2020659	2025554	0.26	cps
Indium	115-1	7206898	7165528	7231572	7201332	0.46	cps
Indium	115-2	323111	317064	317663	319279	1.04	cps
Iron	56-2	16303275	16273248	16029529	16202018	0.93	cps
Iron	57-2	411974	404549	405076	407199	1.02	cps
Lead	206-1	2996553	3019121	3099403	3038359	1.78	cps
Lead	207-1	2737844	2782542	2800404	2773597	1.16	cps
Lead	208-1	12216951	12218475	12489403	12308276	1.27	cps
Lithium	6-1	919408	908994	907040	911814	0.73	cps
Magnesium	24-2	1647729	1641823	1600331	1629961	1.58	cps
Manganese	55-2	266634	263822	262820	264425	0.75	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BS	Instrumnet Name :	P8
Client Sample ID :	PB101634BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:09:45	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3631079	3675490	3670298	3658956	0.66	cps
Molybdenum	94-1	4193033	4207460	4217795	4206096	0.30	cps
Molybdenum	95-1	2258046	2318246	2325648	2300647	1.61	cps
Molybdenum	96-1	2929030	2914531	2908182	2917248	0.37	cps
Molybdenum	97-1	1409940	1393483	1388244	1397222	0.81	cps
Neodymium	150-1	193	173	213	193	10.34	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	305140	305048	302589	304259	0.48	cps
Phosphorus	31-2	4951	4801	4301	4684	7.27	cps
Potassium	39-2	482453	474752	472612	476606	1.09	cps
Rhodium	103-1	6458592	6522949	6518020	6499854	0.55	cps
Rhodium	103-2	1804806	1780850	1779699	1788452	0.79	cps
Scandium	45-1	4068722	4108646	4016016	4064461	1.14	cps
Scandium	45-2	32217	32538	31739	32165	1.25	cps
Selenium	77-2	487	390	440	439	11.02	cps
Selenium	78-2	1491	1285	1339	1372	7.77	cps
Selenium	82-1	70657	70678	70162	70499	0.41	cps
Silicon	28-1	2515393	2525954	2564748	2535365	1.03	cps
Silver	109-1	5519813	5451774	5453683	5475090	0.71	cps
Silver	107-1	5610861	5674449	5685853	5657054	0.71	cps
Sodium	23-2	3942302	3951392	3924660	3939451	0.35	cps
Strontium	86-1	1466537	1472483	1476714	1471911	0.35	cps
Strontium	88-1	12550953	12744027	12652784	12649255	0.76	cps
Sulfur	34-1	681041	673763	676553	677119	0.54	cps
Terbium	159-1	8931494	8894041	9099328	8974954	1.22	cps
Terbium	159-2	1930440	1926295	1925921	1927552	0.13	cps
Thallium	203-1	3746414	3743660	3791446	3760507	0.71	cps
Thallium	205-1	8639979	8675304	8933452	8749578	1.83	cps
Tin	118-1	3780883	3771064	3797775	3783241	0.36	cps
Titanium	47-1	571904	568580	566449	568978	0.48	cps
Uranium	238-1	10997999	11095728	11189988	11094572	0.87	cps
Vanadium	51-2	354735	351556	349544	351945	0.74	cps
Yttrium	89-1	7583949	7632039	7677063	7631017	0.61	cps
Yttrium	89-2	236505	235465	234739	235570	0.38	cps
Zinc	66-2	159629	158527	158567	158908	0.39	cps
Zirconium	90-1	7938513	7962515	7907252	7936093	0.35	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101634BS	Instrumnet Name :	P8
Client Sample ID :	PB101634BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:09:45	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1797946	1824858	1819378	1814061	0.78	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:14:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	208	267	222	17.72	cps
Antimony	121-1	19815	19114	19398	19443	1.81	cps
Arsenic	75-2	83	100	76	86	14.27	cps
Barium	135-1	51560	52095	53183	52279	1.58	cps
Barium	137-1	89410	92825	93405	91880	2.35	cps
Beryllium	9-1	122	161	117	133	18.16	cps
Bismuth	209-1	4424488	4503866	4562680	4497011	1.54	cps
Bismuth	209-2	1354073	1327914	1338761	1340249	0.98	cps
Boron	11-1	19213	20240	18388	19280	4.81	cps
Boron	10-1	4426	4376	4034	4279	4.98	cps
Cadmium	106-1	1250	1092	1350	1231	10.59	cps
Cadmium	108-1	33	29	29	31	7.86	cps
Cadmium	111-1	1027	944	1121	1030	8.58	cps
Calcium	43-1	1565025	1544434	1551510	1553656	0.67	cps
Calcium	44-1	24880100	24952488	24986601	24939730	0.22	cps
Chromium	52-2	1210	1243	1263	1239	2.17	cps
Cobalt	59-2	193	137	203	178	20.22	cps
Copper	63-2	5344	5288	5211	5281	1.27	cps
Dysprosium	156-1	108	75	92	92	18.18	cps
Dysprosium	156-2	23	27	40	30	29.40	cps
Erbium	164-1	125	108	83	106	19.87	cps
Erbium	164-2	23	27	27	26	7.55	cps
Gadolinium	160-1	175	125	175	158	18.23	cps
Gadolinium	160-2	30	40	17	29	40.51	cps
Holmium	165-1	7343462	7465784	7703376	7504207	2.44	cps
Holmium	165-2	1765312	1716809	1726085	1736069	1.48	cps
Indium	115-1	6773389	6920006	6806051	6833149	1.13	cps
Indium	115-2	296735	291565	289327	292543	1.30	cps
Iron	56-2	71874	70064	73337	71758	2.28	cps
Iron	57-2	1639	1928	1911	1826	8.88	cps
Lead	206-1	3317	2845	2817	2993	9.39	cps
Lead	207-1	2995	2650	2528	2724	8.89	cps
Lead	208-1	13798	12514	10935	12416	11.55	cps
Lithium	6-1	1079049	1115125	1135102	1109759	2.56	cps
Magnesium	24-2	396115	396754	395795	396221	0.12	cps
Manganese	55-2	8623	8723	8666	8671	0.58	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:14:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2059	2459	2259	2259	8.86	cps
Molybdenum	94-1	1533	1608	1567	1570	2.39	cps
Molybdenum	95-1	1358	1342	1267	1322	3.69	cps
Molybdenum	96-1	1775	1500	1600	1625	8.57	cps
Molybdenum	97-1	808	817	867	831	3.80	cps
Neodymium	150-1	133	100	133	122	15.75	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	357	277	327	320	12.63	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	21851	20733	20082	20888	4.28	cps
Rhodium	103-1	5851637	5859848	5919275	5876920	0.63	cps
Rhodium	103-2	1620798	1606271	1605808	1610959	0.53	cps
Scandium	45-1	3769089	3741826	3736801	3749239	0.46	cps
Scandium	45-2	28833	28509	28482	28608	0.68	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-13	88	40	38	132.24	cps
Silicon	28-1	12750206	12772536	12850016	12790920	0.41	cps
Silver	109-1	9804	8028	7244	8359	15.69	cps
Silver	107-1	10938	8953	7561	9151	18.55	cps
Sodium	23-2	701412	694929	698158	698166	0.46	cps
Strontium	86-1	1453483	1464324	1473903	1463903	0.70	cps
Strontium	88-1	12434803	12452135	12495685	12460874	0.25	cps
Sulfur	34-1	477779	475047	485696	479507	1.15	cps
Terbium	159-1	7613877	7801982	7948551	7788137	2.15	cps
Terbium	159-2	1669508	1640809	1677717	1662678	1.17	cps
Thallium	203-1	933	733	525	731	27.95	cps
Thallium	205-1	2284	1425	1042	1584	40.16	cps
Tin	118-1	21410	22002	23354	22255	4.48	cps
Titanium	47-1	783	917	975	892	11.02	cps
Uranium	238-1	14976	15068	15519	15188	1.91	cps
Vanadium	51-2	150	170	147	156	8.11	cps
Yttrium	89-1	6776811	6843982	6871563	6830785	0.71	cps
Yttrium	89-2	208598	204544	202011	205051	1.62	cps
Zinc	66-2	1073	937	943	985	7.83	cps
Zirconium	90-1	2434	2109	2392	2311	7.65	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:14:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	483	533	542	11.61	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:17:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	183	142	186	24.66	cps
Antimony	121-1	13916	14467	14842	14408	3.23	cps
Arsenic	75-2	91	91	89	90	1.19	cps
Barium	135-1	54037	53860	53593	53830	0.42	cps
Barium	137-1	95737	93052	95703	94831	1.62	cps
Beryllium	9-1	172	189	150	170	11.45	cps
Bismuth	209-1	4225721	4717293	4663593	4535536	5.95	cps
Bismuth	209-2	1291842	1285162	1315817	1297607	1.24	cps
Boron	11-1	15793	16744	16302	16279	2.92	cps
Boron	10-1	3426	3642	3526	3531	3.07	cps
Cadmium	106-1	1117	1142	1125	1128	1.13	cps
Cadmium	108-1	25	21	8	18	48.05	cps
Cadmium	111-1	918	943	940	934	1.44	cps
Calcium	43-1	1554048	1519039	1504798	1525962	1.66	cps
Calcium	44-1	24632018	24525201	24022747	24393322	1.33	cps
Chromium	52-2	1153	1183	1143	1160	1.79	cps
Cobalt	59-2	157	147	120	141	13.43	cps
Copper	63-2	4688	4631	4834	4718	2.22	cps
Dysprosium	156-1	117	100	92	103	12.39	cps
Dysprosium	156-2	17	37	33	29	37.08	cps
Erbium	164-1	92	133	125	117	18.90	cps
Erbium	164-2	40	10	23	24	61.49	cps
Gadolinium	160-1	142	125	133	133	6.25	cps
Gadolinium	160-2	60	30	43	44	33.82	cps
Holmium	165-1	7026020	7668091	7734586	7476232	5.23	cps
Holmium	165-2	1663485	1671513	1690709	1675236	0.84	cps
Indium	115-1	5996751	6687916	6608232	6430966	5.88	cps
Indium	115-2	271041	272292	274696	272676	0.68	cps
Iron	56-2	66408	67882	66960	67083	1.11	cps
Iron	57-2	1733	1728	1889	1784	5.13	cps
Lead	206-1	2156	2211	2117	2161	2.20	cps
Lead	207-1	1972	1989	1756	1906	6.83	cps
Lead	208-1	8635	8685	8246	8522	2.82	cps
Lithium	6-1	1153335	1250713	1262696	1222248	4.91	cps
Magnesium	24-2	372262	375306	382946	376838	1.46	cps
Manganese	55-2	7729	7966	8002	7899	1.88	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:17:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2317	2167	2200	2228	3.54	cps
Molybdenum	94-1	1225	1267	1267	1253	1.92	cps
Molybdenum	95-1	1067	1200	1242	1170	7.82	cps
Molybdenum	96-1	1317	1567	1358	1414	9.47	cps
Molybdenum	97-1	858	783	667	770	12.55	cps
Neodymium	150-1	107	133	173	138	24.35	cps
Neodymium	150-2	10	20	20	17	34.64	cps
Nickel	60-2	273	337	290	300	10.94	cps
Phosphorus	31-2	8	0	42	17	132.30	cps
Potassium	39-2	19080	19164	19765	19336	1.93	cps
Rhodium	103-1	5294199	5899164	5783279	5658880	5.67	cps
Rhodium	103-2	1543680	1503615	1554485	1533926	1.75	cps
Scandium	45-1	3333311	3613669	3597597	3514859	4.48	cps
Scandium	45-2	26555	26863	27340	26919	1.47	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	6	6	4	86.60	cps
Selenium	82-1	-37	135	71	56	154.53	cps
Silicon	28-1	12588532	12485411	12306052	12459998	1.15	cps
Silver	109-1	3792	4168	3651	3870	6.90	cps
Silver	107-1	4259	4551	4351	4387	3.40	cps
Sodium	23-2	644383	656668	670077	657043	1.96	cps
Strontium	86-1	1452581	1458534	1407786	1439634	1.93	cps
Strontium	88-1	12540927	12399148	12231062	12390379	1.25	cps
Sulfur	34-1	465424	465357	459197	463326	0.77	cps
Terbium	159-1	7215189	8101718	8015192	7777366	6.28	cps
Terbium	159-2	1618446	1592041	1641631	1617373	1.53	cps
Thallium	203-1	183	183	125	164	20.55	cps
Thallium	205-1	375	367	358	367	2.27	cps
Tin	118-1	19298	20149	20141	19863	2.46	cps
Titanium	47-1	867	742	2882	1497	80.26	cps
Uranium	238-1	16528	16361	16996	16629	1.98	cps
Vanadium	51-2	150	143	153	149	3.42	cps
Yttrium	89-1	6147117	6800931	6700973	6549674	5.38	cps
Yttrium	89-2	190711	191864	195213	192596	1.21	cps
Zinc	66-2	1107	1033	1060	1067	3.48	cps
Zirconium	90-1	1692	1767	1717	1725	2.22	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:17:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	475	425	417	15.10	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 15:20:50	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	50	47	10.18	cps
Antimony	121-1	3075	3351	3109	3178	4.72	cps
Arsenic	75-2	20	13	7	14	47.88	cps
Barium	135-1	10713	10938	11080	10910	1.70	cps
Barium	137-1	20458	20108	18747	19771	4.57	cps
Beryllium	9-1	150	111	206	156	30.51	cps
Bismuth	209-1	4791315	4590240	4564052	4648536	2.67	cps
Bismuth	209-2	1404014	1392513	1405717	1400748	0.51	cps
Boron	11-1	6535	6252	6143	6310	3.21	cps
Boron	10-1	1533	1358	1267	1386	9.78	cps
Cadmium	106-1	1417	1342	1083	1281	13.66	cps
Cadmium	108-1	0	8	21	10	107.86	cps
Cadmium	111-1	1058	979	802	947	13.86	cps
Calcium	43-1	310298	313515	297024	306946	2.85	cps
Calcium	44-1	5138225	5250400	4929033	5105886	3.19	cps
Chromium	52-2	893	917	897	902	1.40	cps
Cobalt	59-2	50	40	33	41	20.41	cps
Copper	63-2	1360	1393	1400	1385	1.55	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	33	17	50	33	50.00	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	8100915	7817660	7633209	7850595	3.00	cps
Holmium	165-2	1857887	1831992	1853224	1847701	0.75	cps
Indium	115-1	6886339	6596647	6584772	6689253	2.55	cps
Indium	115-2	301036	295278	299094	298469	0.98	cps
Iron	56-2	16171	15754	15859	15928	1.36	cps
Iron	57-2	406	372	383	387	4.38	cps
Lead	206-1	767	783	795	782	1.79	cps
Lead	207-1	583	772	639	665	14.60	cps
Lead	208-1	3056	3211	3111	3126	2.52	cps
Lithium	6-1	1047435	977479	1002099	1009004	3.52	cps
Magnesium	24-2	81282	77963	80780	80008	2.24	cps
Manganese	55-2	1853	1803	1757	1805	2.68	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 15:20:50	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	425	408	458	431	5.91	cps
Molybdenum	94-1	392	575	433	467	20.59	cps
Molybdenum	95-1	208	158	225	197	17.59	cps
Molybdenum	96-1	442	433	358	411	11.16	cps
Molybdenum	97-1	208	233	217	219	5.80	cps
Neodymium	150-1	47	60	67	58	17.62	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	163	140	143	149	8.48	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	5693	6127	6518	6113	6.75	cps
Rhodium	103-1	6340905	6027730	6062160	6143598	2.80	cps
Rhodium	103-2	1696433	1711696	1718316	1708815	0.66	cps
Scandium	45-1	3846542	3650733	3663085	3720120	2.95	cps
Scandium	45-2	28930	29084	29755	29256	1.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	34	-58	-80	-34	-174.83	cps
Silicon	28-1	2918503	3013957	2843850	2925437	2.91	cps
Silver	109-1	1625	1634	1575	1611	1.96	cps
Silver	107-1	1600	1492	1842	1645	10.90	cps
Sodium	23-2	141623	137625	141599	140282	1.64	cps
Strontium	86-1	296655	298760	286852	294089	2.16	cps
Strontium	88-1	2623461	2672365	2504899	2600241	3.31	cps
Sulfur	34-1	372755	373574	368768	371699	0.69	cps
Terbium	159-1	8335376	7971162	8046874	8117804	2.37	cps
Terbium	159-2	1783464	1742542	1793227	1773077	1.52	cps
Thallium	203-1	75	183	142	133	40.99	cps
Thallium	205-1	258	225	300	261	14.39	cps
Tin	118-1	2717	2734	2567	2673	3.44	cps
Titanium	47-1	333	367	358	353	4.92	cps
Uranium	238-1	3101	3084	3384	3189	5.29	cps
Vanadium	51-2	53	37	33	41	26.06	cps
Yttrium	89-1	7231123	6834191	6909398	6991571	3.02	cps
Yttrium	89-2	213525	212769	216629	214308	0.95	cps
Zinc	66-2	310	293	303	302	2.78	cps
Zirconium	90-1	900	725	725	783	12.90	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 15:20:50	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	192	142	167	15.00	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:23:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51110	50959	52055	51375	1.16	cps
Antimony	121-1	5029276	5134081	5119894	5094417	1.12	cps
Arsenic	75-2	52271	52899	53064	52745	0.79	cps
Barium	135-1	4968125	5079739	5050257	5032707	1.15	cps
Barium	137-1	8563988	8659410	8629374	8617591	0.57	cps
Beryllium	9-1	603913	606563	607875	606117	0.33	cps
Bismuth	209-1	4626947	4722358	4722516	4690607	1.18	cps
Bismuth	209-2	1270809	1285819	1284074	1280234	0.64	cps
Boron	11-1	298765	305969	310756	305164	1.98	cps
Boron	10-1	66630	68522	68364	67839	1.55	cps
Cadmium	106-1	109946	111282	107543	109590	1.73	cps
Cadmium	108-1	74412	74726	75221	74787	0.55	cps
Cadmium	111-1	1072030	1083938	1084582	1080183	0.65	cps
Calcium	43-1	2514768	2512141	2506325	2511078	0.17	cps
Calcium	44-1	40694171	40472844	40159563	40442193	0.66	cps
Chromium	52-2	444197	451296	449377	448290	0.82	cps
Cobalt	59-2	950192	977994	963255	963813	1.44	cps
Copper	63-2	1659013	1676392	1677152	1670852	0.61	cps
Dysprosium	156-1	225	167	175	189	16.70	cps
Dysprosium	156-2	27	30	10	22	48.22	cps
Erbium	164-1	4151	4243	4334	4243	2.16	cps
Erbium	164-2	847	887	943	892	5.44	cps
Gadolinium	160-1	575	517	567	553	5.71	cps
Gadolinium	160-2	90	120	103	104	14.39	cps
Holmium	165-1	7645970	7805156	7979477	7810201	2.14	cps
Holmium	165-2	1691595	1701533	1646128	1679752	1.76	cps
Indium	115-1	6355563	6453152	6469755	6426157	0.96	cps
Indium	115-2	255942	260637	259721	258767	0.96	cps
Iron	56-2	13798206	14055140	13913527	13922291	0.92	cps
Iron	57-2	344025	349791	348527	347448	0.87	cps
Lead	206-1	2911812	2994872	2968572	2958419	1.43	cps
Lead	207-1	2702961	2725248	2721190	2716466	0.44	cps
Lead	208-1	11812480	12115864	12064935	11997759	1.35	cps
Lithium	6-1	1274096	1288616	1303001	1288571	1.12	cps
Magnesium	24-2	1897726	1891501	1876759	1888662	0.57	cps
Manganese	55-2	225853	232492	230931	229759	1.51	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:23:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3249979	3322530	3275718	3282742	1.12	cps
Molybdenum	94-1	3833935	3909785	3899179	3880966	1.06	cps
Molybdenum	95-1	2051429	2108975	2082719	2081041	1.38	cps
Molybdenum	96-1	2635201	2648155	2656906	2646754	0.41	cps
Molybdenum	97-1	1222830	1252999	1239195	1238341	1.22	cps
Neodymium	150-1	273	360	300	311	14.27	cps
Neodymium	150-2	10	13	23	16	44.60	cps
Nickel	60-2	284921	290142	289964	288342	1.03	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	411064	419524	410463	413684	1.22	cps
Rhodium	103-1	5637925	5774974	5778183	5730361	1.40	cps
Rhodium	103-2	1486563	1517008	1521300	1508290	1.26	cps
Scandium	45-1	3580023	3571828	3611976	3587942	0.59	cps
Scandium	45-2	27013	27761	27561	27445	1.41	cps
Selenium	77-2	420	343	343	369	12.00	cps
Selenium	78-2	1156	1115	1204	1158	3.84	cps
Selenium	82-1	66118	65196	66468	65927	1.00	cps
Silicon	28-1	13920281	14661497	13793238	14125005	3.32	cps
Silver	109-1	4921236	4880861	4894330	4898809	0.42	cps
Silver	107-1	5065221	5102496	5059579	5075765	0.46	cps
Sodium	23-2	4263611	4331237	4333155	4309334	0.92	cps
Strontium	86-1	1411820	1451667	1437088	1433525	1.41	cps
Strontium	88-1	12255970	12400459	12345261	12333897	0.59	cps
Sulfur	34-1	456248	455626	450798	454224	0.66	cps
Terbium	159-1	8006110	8143442	8172034	8107196	1.09	cps
Terbium	159-2	1580021	1624338	1594116	1599492	1.42	cps
Thallium	203-1	3612046	3760097	3755890	3709344	2.27	cps
Thallium	205-1	8549920	8886852	8803623	8746798	2.01	cps
Tin	118-1	3208093	3295940	3278474	3260836	1.43	cps
Titanium	47-1	503934	506611	505997	505514	0.28	cps
Uranium	238-1	10696389	10919054	11004611	10873351	1.46	cps
Vanadium	51-2	318271	322754	320307	320444	0.70	cps
Yttrium	89-1	6642371	6714275	6755581	6704076	0.85	cps
Yttrium	89-2	189015	191705	193179	191300	1.10	cps
Zinc	66-2	134168	135305	135880	135118	0.65	cps
Zirconium	90-1	7268228	7350380	7273886	7297498	0.63	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:23:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1676888	1704030	1666124	1682347	1.16	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-04	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:26:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50968	51545	51812	51442	0.84	cps
Antimony	121-1	5254908	5201227	5290387	5248841	0.86	cps
Arsenic	75-2	53313	53224	52854	53131	0.46	cps
Barium	135-1	5244187	5206773	5256199	5235720	0.49	cps
Barium	137-1	8934902	8950933	8990348	8958728	0.32	cps
Beryllium	9-1	624852	625568	629193	626538	0.37	cps
Bismuth	209-1	4834107	4813822	4857270	4835066	0.45	cps
Bismuth	209-2	1268720	1291486	1281149	1280452	0.89	cps
Boron	11-1	313168	320178	327663	320336	2.26	cps
Boron	10-1	70858	72600	74049	72503	2.20	cps
Cadmium	106-1	113551	112417	113147	113038	0.51	cps
Cadmium	108-1	76679	78531	77982	77731	1.22	cps
Cadmium	111-1	1110514	1105980	1115538	1110677	0.43	cps
Calcium	43-1	2534656	2549892	2537436	2540661	0.32	cps
Calcium	44-1	41145866	41327380	41196258	41223168	0.23	cps
Chromium	52-2	449843	451669	449385	450299	0.27	cps
Cobalt	59-2	970773	980665	974728	975388	0.51	cps
Copper	63-2	1702939	1699240	1682198	1694792	0.65	cps
Dysprosium	156-1	167	317	225	236	32.03	cps
Dysprosium	156-2	30	37	30	32	11.95	cps
Erbium	164-1	4743	4676	4393	4604	4.04	cps
Erbium	164-2	860	790	947	866	9.07	cps
Gadolinium	160-1	467	667	583	572	17.56	cps
Gadolinium	160-2	90	107	93	97	9.12	cps
Holmium	165-1	8074720	8150730	8204061	8143170	0.80	cps
Holmium	165-2	1647194	1677220	1665658	1663357	0.91	cps
Indium	115-1	6479693	6460555	6538517	6492922	0.63	cps
Indium	115-2	258130	259366	257420	258305	0.38	cps
Iron	56-2	13917290	13999884	13894373	13937182	0.40	cps
Iron	57-2	349790	355248	350867	351968	0.82	cps
Lead	206-1	3075273	3106818	3056472	3079521	0.83	cps
Lead	207-1	2797424	2840132	2867820	2835125	1.25	cps
Lead	208-1	12468111	12596931	12596369	12553804	0.59	cps
Lithium	6-1	1297680	1348188	1372575	1339481	2.85	cps
Magnesium	24-2	1877155	1908326	1887227	1890903	0.84	cps
Manganese	55-2	229886	232072	228484	230147	0.79	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-04	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:26:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3397474	3408542	3466710	3424242	1.09	cps
Molybdenum	94-1	3997506	3993491	3944891	3978629	0.74	cps
Molybdenum	95-1	2160355	2138860	2117283	2138833	1.01	cps
Molybdenum	96-1	2720643	2727090	2755450	2734394	0.68	cps
Molybdenum	97-1	1264755	1282702	1286869	1278109	0.92	cps
Neodymium	150-1	307	340	287	311	8.66	cps
Neodymium	150-2	3	17	27	16	75.27	cps
Nickel	60-2	287500	291189	290886	289858	0.71	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	412120	415748	412119	413329	0.51	cps
Rhodium	103-1	5902269	5839518	6022927	5921571	1.57	cps
Rhodium	103-2	1531529	1535627	1516965	1528040	0.64	cps
Scandium	45-1	3655637	3668505	3594926	3639689	1.08	cps
Scandium	45-2	27263	27925	27233	27474	1.42	cps
Selenium	77-2	387	343	390	373	6.97	cps
Selenium	78-2	1167	1269	1202	1212	4.27	cps
Selenium	82-1	67624	67341	67613	67526	0.24	cps
Silicon	28-1	14114632	14204761	14067841	14129078	0.49	cps
Silver	109-1	5053764	5058228	5089608	5067200	0.39	cps
Silver	107-1	5247534	5244967	5295983	5262828	0.55	cps
Sodium	23-2	4377551	4451450	4371444	4400148	1.01	cps
Strontium	86-1	1469657	1463373	1468187	1467072	0.22	cps
Strontium	88-1	12747749	12711254	12614307	12691103	0.54	cps
Sulfur	34-1	445523	440159	441580	442421	0.63	cps
Terbium	159-1	8381238	8400980	8492153	8424790	0.70	cps
Terbium	159-2	1647692	1645254	1599713	1630886	1.66	cps
Thallium	203-1	3906755	3929414	3917280	3917816	0.29	cps
Thallium	205-1	9105938	9226086	9203870	9178631	0.70	cps
Tin	118-1	3387005	3373687	3381950	3380881	0.20	cps
Titanium	47-1	517493	517239	516678	517137	0.08	cps
Uranium	238-1	11425304	11409417	11558533	11464418	0.71	cps
Vanadium	51-2	321613	326681	324505	324266	0.78	cps
Yttrium	89-1	6834526	6854405	6935470	6874800	0.78	cps
Yttrium	89-2	188612	190755	189792	189720	0.57	cps
Zinc	66-2	135043	136497	135104	135548	0.61	cps
Zirconium	90-1	7539961	7539366	7542627	7540651	0.02	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-04	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:26:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1715035	1743513	1707563	1722037	1.10	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:29:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51394	52732	51812	51979	1.32	cps
Antimony	121-1	5236975	5269214	5321903	5276031	0.81	cps
Arsenic	75-2	52659	53406	53507	53191	0.87	cps
Barium	135-1	5180643	5231329	5295242	5235738	1.10	cps
Barium	137-1	8844322	8968927	9067075	8960108	1.25	cps
Beryllium	9-1	620242	624194	625822	623420	0.46	cps
Bismuth	209-1	4791217	4858436	4787634	4812429	0.83	cps
Bismuth	209-2	1283403	1287097	1282182	1284227	0.20	cps
Boron	11-1	320214	325248	328068	324510	1.23	cps
Boron	10-1	69678	71008	73455	71381	2.68	cps
Cadmium	106-1	110307	112727	113187	112074	1.38	cps
Cadmium	108-1	75841	75800	78510	76717	2.02	cps
Cadmium	111-1	1100533	1111367	1121992	1111297	0.97	cps
Calcium	43-1	2543056	2582218	2571454	2565576	0.79	cps
Calcium	44-1	41017919	41350942	41335221	41234694	0.46	cps
Chromium	52-2	452803	454002	453818	453541	0.14	cps
Cobalt	59-2	977660	979863	976289	977937	0.18	cps
Copper	63-2	1705523	1710143	1694607	1703424	0.47	cps
Dysprosium	156-1	192	200	233	208	10.58	cps
Dysprosium	156-2	33	40	63	46	34.58	cps
Erbium	164-1	4234	4826	4668	4576	6.70	cps
Erbium	164-2	893	953	920	922	3.26	cps
Gadolinium	160-1	425	550	458	478	13.55	cps
Gadolinium	160-2	90	117	103	103	12.90	cps
Holmium	165-1	8049106	8109546	8256015	8138222	1.31	cps
Holmium	165-2	1709325	1684878	1680825	1691676	0.91	cps
Indium	115-1	6375743	6523206	6545927	6481626	1.43	cps
Indium	115-2	256319	256053	256186	256186	0.05	cps
Iron	56-2	14069989	14115087	14003569	14062882	0.40	cps
Iron	57-2	349678	354672	351352	351901	0.72	cps
Lead	206-1	3120111	3094527	3128266	3114301	0.57	cps
Lead	207-1	2827135	2861061	2923693	2870630	1.71	cps
Lead	208-1	12556133	12620518	12756617	12644423	0.81	cps
Lithium	6-1	1286148	1306695	1328175	1307006	1.61	cps
Magnesium	24-2	1895954	1909064	1877194	1894071	0.85	cps
Manganese	55-2	230717	229953	228830	229833	0.41	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:29:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3361958	3393751	3424801	3393503	0.93	cps
Molybdenum	94-1	3966445	4015112	4003184	3994914	0.63	cps
Molybdenum	95-1	2139018	2118106	2155562	2137562	0.88	cps
Molybdenum	96-1	2714658	2730181	2739198	2728012	0.46	cps
Molybdenum	97-1	1264571	1291235	1289423	1281743	1.16	cps
Neodymium	150-1	340	307	307	318	6.06	cps
Neodymium	150-2	20	23	13	19	26.96	cps
Nickel	60-2	291829	291359	291384	291524	0.09	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	410148	415044	414113	413102	0.63	cps
Rhodium	103-1	5751445	5881251	5934489	5855728	1.61	cps
Rhodium	103-2	1555988	1511136	1510951	1526025	1.70	cps
Scandium	45-1	3607656	3611452	3634301	3617803	0.40	cps
Scandium	45-2	27280	27430	27290	27333	0.31	cps
Selenium	77-2	300	353	410	354	15.52	cps
Selenium	78-2	1182	1198	1282	1220	4.39	cps
Selenium	82-1	66307	67508	67140	66985	0.92	cps
Silicon	28-1	14007415	14056058	14052635	14038703	0.19	cps
Silver	109-1	5002074	5108624	5059523	5056740	1.05	cps
Silver	107-1	5209333	5271323	5286033	5255563	0.77	cps
Sodium	23-2	4367636	4424675	4360945	4384419	0.80	cps
Strontium	86-1	1461962	1476145	1487641	1475249	0.87	cps
Strontium	88-1	12607883	12674809	12776979	12686557	0.67	cps
Sulfur	34-1	439096	432561	434626	435428	0.77	cps
Terbium	159-1	8324021	8339526	8575534	8413027	1.68	cps
Terbium	159-2	1614973	1609219	1588578	1604257	0.87	cps
Thallium	203-1	3867134	3925957	4006366	3933153	1.78	cps
Thallium	205-1	9121671	9169421	9291126	9194073	0.95	cps
Tin	118-1	3354893	3380686	3393972	3376517	0.59	cps
Titanium	47-1	513964	511314	515144	513474	0.38	cps
Uranium	238-1	11437044	11618355	11569164	11541521	0.81	cps
Vanadium	51-2	323486	325632	323853	324324	0.35	cps
Yttrium	89-1	6751933	6824281	6855716	6810643	0.78	cps
Yttrium	89-2	189924	190235	191288	190482	0.38	cps
Zinc	66-2	135611	135456	135763	135610	0.11	cps
Zirconium	90-1	7521779	7519440	7575048	7538756	0.42	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-02A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0108A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:29:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1718730	1716250	1749204	1728061	1.06	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-05	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:32:59	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	192	158	167	13.23	cps
Antimony	121-1	13416	13808	14225	13816	2.93	cps
Arsenic	75-2	94	72	80	82	13.79	cps
Barium	135-1	58262	56054	56312	56876	2.12	cps
Barium	137-1	98692	99506	102168	100122	1.82	cps
Beryllium	9-1	383	350	272	335	17.01	cps
Bismuth	209-1	5022670	5058527	5022561	5034586	0.41	cps
Bismuth	209-2	1334098	1328090	1337933	1333373	0.37	cps
Boron	11-1	26500	26367	24689	25852	3.90	cps
Boron	10-1	5851	5901	5218	5657	6.74	cps
Cadmium	106-1	1217	1217	1267	1233	2.34	cps
Cadmium	108-1	4	8	21	11	78.05	cps
Cadmium	111-1	995	1017	1068	1026	3.66	cps
Calcium	43-1	1559424	1584597	1593617	1579212	1.12	cps
Calcium	44-1	24938580	25328432	25198541	25155184	0.79	cps
Chromium	52-2	1050	1037	1100	1062	3.14	cps
Cobalt	59-2	193	150	140	161	17.60	cps
Copper	63-2	4304	4221	4307	4277	1.15	cps
Dysprosium	156-1	58	108	167	111	48.80	cps
Dysprosium	156-2	23	17	7	16	53.90	cps
Erbium	164-1	92	142	100	111	24.11	cps
Erbium	164-2	23	7	30	20	60.08	cps
Gadolinium	160-1	108	217	108	144	43.30	cps
Gadolinium	160-2	37	43	37	39	9.89	cps
Holmium	165-1	8128800	8275840	8284359	8229666	1.06	cps
Holmium	165-2	1761746	1738385	1736212	1745448	0.81	cps
Indium	115-1	6820694	6782945	6769319	6790986	0.39	cps
Indium	115-2	271311	268597	267543	269150	0.72	cps
Iron	56-2	83516	83091	83493	83367	0.29	cps
Iron	57-2	2039	2161	2072	2091	3.02	cps
Lead	206-1	2289	2239	2067	2198	5.30	cps
Lead	207-1	2167	1950	1978	2032	5.80	cps
Lead	208-1	9452	9168	8963	9194	2.67	cps
Lithium	6-1	1266511	1286836	1292928	1282092	1.08	cps
Magnesium	24-2	374597	374170	375389	374719	0.17	cps
Manganese	55-2	13794	14167	13980	13980	1.34	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-05	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:32:59	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2550	2567	2175	2431	9.11	cps
Molybdenum	94-1	1525	1550	1350	1475	7.39	cps
Molybdenum	95-1	1400	1283	1242	1308	6.27	cps
Molybdenum	96-1	1433	1650	1517	1533	7.13	cps
Molybdenum	97-1	883	900	817	867	5.09	cps
Neodymium	150-1	100	107	107	104	3.69	cps
Neodymium	150-2	30	3	17	17	80.01	cps
Nickel	60-2	270	313	237	273	14.06	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	18880	19055	18821	18919	0.64	cps
Rhodium	103-1	6137145	6081781	6047488	6088804	0.74	cps
Rhodium	103-2	1610736	1584477	1577517	1590910	1.10	cps
Scandium	45-1	3691516	3679894	3706772	3692728	0.37	cps
Scandium	45-2	26826	27076	26876	26926	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	21	113	-43	30	257.11	cps
Silicon	28-1	13067826	13036297	13033726	13045950	0.15	cps
Silver	109-1	2625	2375	2750	2584	7.39	cps
Silver	107-1	2825	2767	2517	2703	6.06	cps
Sodium	23-2	657661	660787	667261	661903	0.74	cps
Strontium	86-1	1469008	1494567	1494373	1485982	0.99	cps
Strontium	88-1	12643657	12800355	12687247	12710420	0.64	cps
Sulfur	34-1	432944	435540	433367	433950	0.32	cps
Terbium	159-1	8544117	8552724	8590498	8562446	0.29	cps
Terbium	159-2	1656934	1673033	1674984	1668317	0.59	cps
Thallium	203-1	667	375	492	511	28.72	cps
Thallium	205-1	1525	1283	1267	1358	10.64	cps
Tin	118-1	33660	34570	32875	33702	2.52	cps
Titanium	47-1	575	692	758	675	13.75	cps
Uranium	238-1	18489	18940	17914	18448	2.79	cps
Vanadium	51-2	127	117	117	120	4.81	cps
Yttrium	89-1	6919545	7004879	6949413	6957946	0.62	cps
Yttrium	89-2	193213	193358	194037	193536	0.23	cps
Zinc	66-2	1360	1223	1323	1302	5.43	cps
Zirconium	90-1	1867	1967	2017	1950	3.92	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-05	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:32:59	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	450	475	472	4.44	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:36:05	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300043	296033	295969	297348	0.78	cps
Antimony	121-1	5065003	5041930	5130475	5079136	0.90	cps
Arsenic	75-2	55585	54425	54743	54918	1.09	cps
Barium	135-1	5740570	5681269	5691805	5704548	0.55	cps
Barium	137-1	9700329	9656149	9700027	9685502	0.26	cps
Beryllium	9-1	640106	639307	640776	640063	0.11	cps
Bismuth	209-1	5169814	5193172	5189382	5184123	0.24	cps
Bismuth	209-2	1451539	1432915	1441736	1442063	0.65	cps
Boron	11-1	343048	351694	359061	351267	2.28	cps
Boron	10-1	74158	77543	76144	75948	2.24	cps
Cadmium	106-1	116592	117214	118467	117425	0.81	cps
Cadmium	108-1	80916	80266	79742	80308	0.73	cps
Cadmium	111-1	1139861	1143728	1141097	1141562	0.17	cps
Calcium	43-1	5378929	5346968	5376234	5367377	0.33	cps
Calcium	44-1	87750237	87538844	87618514	87635865	0.12	cps
Chromium	52-2	457786	450194	456536	454838	0.89	cps
Cobalt	59-2	988099	977695	978030	981275	0.60	cps
Copper	63-2	1757424	1745037	1751256	1751239	0.35	cps
Dysprosium	156-1	167	200	225	197	14.84	cps
Dysprosium	156-2	37	40	40	39	4.94	cps
Erbium	164-1	100	100	150	117	24.75	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	250	242	208	233	9.45	cps
Gadolinium	160-2	47	30	40	39	21.57	cps
Holmium	165-1	8875529	8958323	8926352	8920068	0.47	cps
Holmium	165-2	1975110	1947232	1931913	1951419	1.12	cps
Indium	115-1	6977235	6995695	7042256	7005062	0.48	cps
Indium	115-2	293234	289884	290671	291263	0.60	cps
Iron	56-2	74794924	73590096	74283932	74222984	0.81	cps
Iron	57-2	1892607	1902705	1907832	1901048	0.41	cps
Lead	206-1	3208667	3197270	3217274	3207737	0.31	cps
Lead	207-1	2911727	2916632	2927981	2918780	0.29	cps
Lead	208-1	12938323	12953129	12931306	12940919	0.09	cps
Lithium	6-1	967043	978244	965617	970301	0.71	cps
Magnesium	24-2	7625642	7400824	7471808	7499425	1.53	cps
Manganese	55-2	247829	243003	245873	245568	0.99	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:36:05	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3724039	3776787	3722957	3741261	0.82	cps
Molybdenum	94-1	4277020	4317599	4296065	4296895	0.47	cps
Molybdenum	95-1	2360242	2383849	2338041	2360711	0.97	cps
Molybdenum	96-1	2993072	2970432	2967794	2977100	0.47	cps
Molybdenum	97-1	1408054	1450143	1447385	1435194	1.64	cps
Neodymium	150-1	320	313	340	324	4.28	cps
Neodymium	150-2	13	27	40	27	50.01	cps
Nickel	60-2	287038	284516	284271	285275	0.54	cps
Phosphorus	31-2	4559	4568	4526	4551	0.48	cps
Potassium	39-2	2223465	2215981	2225661	2221702	0.23	cps
Rhodium	103-1	6262773	6431479	6279216	6324489	1.47	cps
Rhodium	103-2	1683732	1685430	1680370	1683177	0.15	cps
Scandium	45-1	4000812	3954050	3987464	3980775	0.61	cps
Scandium	45-2	29311	29227	30116	29551	1.66	cps
Selenium	77-2	480	327	373	393	19.98	cps
Selenium	78-2	1202	1241	1267	1236	2.64	cps
Selenium	82-1	69296	69240	68646	69061	0.52	cps
Silicon	28-1	2330159	2353759	2338270	2340729	0.51	cps
Silver	109-1	5378870	5293713	5396904	5356496	1.03	cps
Silver	107-1	5595005	5511760	5529279	5545348	0.79	cps
Sodium	23-2	18695765	18342259	18435062	18491029	0.99	cps
Strontium	86-1	1559301	1531808	1537168	1542759	0.94	cps
Strontium	88-1	13103265	13106316	13222747	13144109	0.52	cps
Sulfur	34-1	664100	666281	670294	666892	0.47	cps
Terbium	159-1	9143964	9217547	9230723	9197411	0.51	cps
Terbium	159-2	1897889	1866398	1843274	1869187	1.47	cps
Thallium	203-1	3957687	3950845	3979559	3962697	0.38	cps
Thallium	205-1	9222803	9245940	9230399	9233047	0.13	cps
Tin	118-1	3846111	3841790	3832545	3840149	0.18	cps
Titanium	47-1	573032	578863	572895	574930	0.59	cps
Uranium	238-1	12188002	12138635	12376381	12234339	1.03	cps
Vanadium	51-2	338093	335483	336812	336796	0.39	cps
Yttrium	89-1	7480697	7495163	7422332	7466064	0.52	cps
Yttrium	89-2	219194	216645	215766	217202	0.82	cps
Zinc	66-2	153266	151331	150549	151715	0.92	cps
Zirconium	90-1	8071344	7998619	8010558	8026840	0.49	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:36:05	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1849725	1846064	1874545	1856778	0.83	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:39:02	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	25	25	33.32	cps
Antimony	121-1	3142	2800	2609	2850	9.48	cps
Arsenic	75-2	11	0	7	6	91.64	cps
Barium	135-1	33	33	58	42	34.65	cps
Barium	137-1	92	142	117	117	21.43	cps
Beryllium	9-1	350	233	328	304	20.40	cps
Bismuth	209-1	4816215	5034829	5102182	4984409	3.00	cps
Bismuth	209-2	1468386	1461244	1462942	1464190	0.25	cps
Boron	11-1	13707	12731	12431	12956	5.15	cps
Boron	10-1	3050	2609	2667	2775	8.65	cps
Cadmium	106-1	1408	1575	1275	1420	10.59	cps
Cadmium	108-1	13	25	50	29	65.47	cps
Cadmium	111-1	1081	1189	978	1083	9.74	cps
Calcium	43-1	2000	1842	2359	2067	12.81	cps
Calcium	44-1	39866	38587	38236	38897	2.21	cps
Chromium	52-2	840	707	850	799	10.02	cps
Cobalt	59-2	20	23	43	29	43.68	cps
Copper	63-2	517	560	483	520	7.39	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	42	0	28	86.60	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	67	58	108	78	34.44	cps
Gadolinium	160-2	17	3	3	8	99.04	cps
Holmium	165-1	7971383	8258477	8447205	8225688	2.91	cps
Holmium	165-2	1922440	1914629	1897355	1911475	0.67	cps
Indium	115-1	6652398	6987184	7211120	6950234	4.05	cps
Indium	115-2	310168	306402	305009	307193	0.87	cps
Iron	56-2	2561	2573	2145	2426	10.05	cps
Iron	57-2	44	50	39	44	12.50	cps
Lead	206-1	667	750	806	741	9.44	cps
Lead	207-1	628	633	578	613	4.99	cps
Lead	208-1	2756	2989	2972	2906	4.48	cps
Lithium	6-1	917713	953164	984970	951949	3.53	cps
Magnesium	24-2	192	125	158	158	21.05	cps
Manganese	55-2	80	60	47	62	26.96	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:39:02	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	383	492	442	439	12.35	cps
Molybdenum	94-1	558	558	650	589	8.99	cps
Molybdenum	95-1	367	200	208	258	36.35	cps
Molybdenum	96-1	475	325	317	372	23.94	cps
Molybdenum	97-1	250	183	225	219	15.35	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	70	87	100	86	17.57	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	2609	2442	2684	2578	4.80	cps
Rhodium	103-1	6080604	6427206	6591410	6366407	4.10	cps
Rhodium	103-2	1798027	1750744	1773276	1774016	1.33	cps
Scandium	45-1	3671906	3899042	3946551	3839167	3.82	cps
Scandium	45-2	29434	29745	29007	29395	1.26	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-18	68	-8	14	338.22	cps
Silicon	28-1	356765	354889	360005	357220	0.72	cps
Silver	109-1	900	892	758	850	9.35	cps
Silver	107-1	983	917	958	953	3.53	cps
Sodium	23-2	6202	6102	6052	6118	1.25	cps
Strontium	86-1	1033	950	1033	1006	4.78	cps
Strontium	88-1	392	342	400	378	8.35	cps
Sulfur	34-1	335589	334925	335764	335426	0.13	cps
Terbium	159-1	8187903	8556686	8775612	8506734	3.49	cps
Terbium	159-2	1852940	1837151	1815213	1835101	1.03	cps
Thallium	203-1	625	417	617	553	21.34	cps
Thallium	205-1	1200	900	1075	1058	14.24	cps
Tin	118-1	1367	1208	1333	1303	6.41	cps
Titanium	47-1	133	142	117	131	9.75	cps
Uranium	238-1	100	117	158	125	24.04	cps
Vanadium	51-2	10	20	17	16	32.73	cps
Yttrium	89-1	6855302	7194274	7373511	7141029	3.69	cps
Yttrium	89-2	222115	216672	217572	218787	1.33	cps
Zinc	66-2	83	103	107	98	12.91	cps
Zirconium	90-1	1108	1042	1100	1083	3.35	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:39:02	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	233	233	231	2.09	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-06	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:42:12	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	217	217	261	29.49	cps
Antimony	121-1	35189	29776	27830	30932	12.33	cps
Arsenic	75-2	87	76	85	83	7.20	cps
Barium	135-1	34797	36126	34931	35284	2.07	cps
Barium	137-1	59978	61545	62038	61187	1.76	cps
Beryllium	9-1	300	267	189	252	22.64	cps
Bismuth	209-1	4864437	4847359	4899735	4870510	0.55	cps
Bismuth	209-2	1317062	1317232	1312661	1315652	0.20	cps
Boron	11-1	19264	18863	18788	18972	1.35	cps
Boron	10-1	4234	4484	4309	4343	2.96	cps
Cadmium	106-1	1233	1150	1158	1181	3.89	cps
Cadmium	108-1	17	13	29	19	44.61	cps
Cadmium	111-1	1052	984	1024	1020	3.35	cps
Calcium	43-1	1258278	1254245	1261990	1258171	0.31	cps
Calcium	44-1	20491444	20517992	20359405	20456280	0.42	cps
Chromium	52-2	1497	1387	1373	1419	4.77	cps
Cobalt	59-2	223	243	197	221	10.59	cps
Copper	63-2	4611	4394	4387	4464	2.85	cps
Dysprosium	156-1	117	108	142	122	14.19	cps
Dysprosium	156-2	27	17	27	23	24.74	cps
Erbium	164-1	100	117	125	114	11.18	cps
Erbium	164-2	27	13	13	18	43.33	cps
Gadolinium	160-1	208	158	183	183	13.64	cps
Gadolinium	160-2	53	63	53	57	10.19	cps
Holmium	165-1	7823135	7973723	8115512	7970790	1.83	cps
Holmium	165-2	1665570	1705068	1691366	1687335	1.19	cps
Indium	115-1	6583134	6652937	6672951	6636341	0.71	cps
Indium	115-2	266488	267212	264184	265961	0.59	cps
Iron	56-2	115184	115825	115906	115638	0.34	cps
Iron	57-2	2834	2962	2978	2924	2.70	cps
Lead	206-1	3328	3712	3134	3391	8.67	cps
Lead	207-1	2828	3067	2828	2908	4.74	cps
Lead	208-1	13498	14120	12836	13485	4.76	cps
Lithium	6-1	1192610	1238862	1233743	1221738	2.08	cps
Magnesium	24-2	158474	160212	162467	160384	1.25	cps
Manganese	55-2	22138	22498	22992	22543	1.90	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-06	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:42:12	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3342	3376	3567	3428	3.54	cps
Molybdenum	94-1	2359	2450	2000	2270	10.48	cps
Molybdenum	95-1	1709	1734	2017	1820	9.41	cps
Molybdenum	96-1	2109	2250	2392	2250	6.30	cps
Molybdenum	97-1	1208	1408	1142	1253	11.08	cps
Neodymium	150-1	113	73	167	118	39.75	cps
Neodymium	150-2	17	33	10	20	60.08	cps
Nickel	60-2	627	533	513	558	10.85	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	22010	22360	22327	22232	0.87	cps
Rhodium	103-1	5926215	6013642	5947452	5962436	0.76	cps
Rhodium	103-2	1554598	1560598	1546886	1554027	0.44	cps
Scandium	45-1	3640606	3665971	3667629	3658068	0.41	cps
Scandium	45-2	26913	27043	26689	26882	0.67	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	69	-33	-10	9	602.49	cps
Silicon	28-1	4778432	4894148	4812049	4828210	1.23	cps
Silver	109-1	4409	3634	3617	3887	11.64	cps
Silver	107-1	4334	4051	3484	3956	10.94	cps
Sodium	23-2	431823	437473	439423	436240	0.90	cps
Strontium	86-1	898128	895162	897056	896782	0.17	cps
Strontium	88-1	7854532	7884803	7842924	7860753	0.28	cps
Sulfur	34-1	382300	381777	381159	381745	0.15	cps
Terbium	159-1	8205371	8314994	8361441	8293936	0.97	cps
Terbium	159-2	1593734	1596509	1589193	1593145	0.23	cps
Thallium	203-1	600	383	317	433	34.19	cps
Thallium	205-1	1392	883	842	1039	29.48	cps
Tin	118-1	26327	27900	25083	26436	5.34	cps
Titanium	47-1	933	992	883	936	5.79	cps
Uranium	238-1	9646	10280	9729	9885	3.48	cps
Vanadium	51-2	173	180	197	183	6.55	cps
Yttrium	89-1	6753432	6836617	6862491	6817513	0.84	cps
Yttrium	89-2	191510	191165	190742	191139	0.20	cps
Zinc	66-2	1573	1707	1703	1661	4.58	cps
Zirconium	90-1	2851	2767	2667	2762	3.33	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-06	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:42:12	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	667	700	658	7.05	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-07	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:45:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	75	58	61	20.83	cps
Antimony	121-1	19273	19173	19715	19387	1.49	cps
Arsenic	75-2	80	80	85	81	3.94	cps
Barium	135-1	46232	46131	46215	46193	0.12	cps
Barium	137-1	79892	81116	80059	80356	0.83	cps
Beryllium	9-1	183	289	261	244	22.38	cps
Bismuth	209-1	4895083	4893832	4868348	4885754	0.31	cps
Bismuth	209-2	1300653	1294364	1297654	1297557	0.24	cps
Boron	11-1	16410	15776	16268	16151	2.06	cps
Boron	10-1	3609	3484	3726	3606	3.35	cps
Cadmium	106-1	1250	1167	1475	1297	12.30	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Cadmium	111-1	958	911	1085	985	9.17	cps
Calcium	43-1	1397945	1411274	1415132	1408117	0.64	cps
Calcium	44-1	22708683	22704926	23002416	22805342	0.75	cps
Chromium	52-2	970	920	970	953	3.03	cps
Cobalt	59-2	143	90	177	137	31.99	cps
Copper	63-2	4354	4211	4094	4220	3.09	cps
Dysprosium	156-1	67	33	58	53	32.88	cps
Dysprosium	156-2	27	10	7	14	74.18	cps
Erbium	164-1	50	75	117	81	41.81	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	42	92	92	75	38.49	cps
Gadolinium	160-2	20	27	20	22	17.33	cps
Holmium	165-1	7946834	8161645	8134800	8081093	1.45	cps
Holmium	165-2	1692851	1648157	1627611	1656206	2.01	cps
Indium	115-1	6477202	6568191	6644001	6563131	1.27	cps
Indium	115-2	261150	258334	258243	259242	0.64	cps
Iron	56-2	94619	96263	95648	95510	0.87	cps
Iron	57-2	2617	2439	2556	2537	3.56	cps
Lead	206-1	1483	1622	1539	1548	4.52	cps
Lead	207-1	1333	1417	1283	1345	5.01	cps
Lead	208-1	6001	6206	5990	6066	2.01	cps
Lithium	6-1	1228841	1254774	1261503	1248373	1.38	cps
Magnesium	24-2	324674	323040	326859	324857	0.59	cps
Manganese	55-2	6778	6902	7152	6944	2.74	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-07	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:45:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2434	2625	2534	2531	3.79	cps
Molybdenum	94-1	1325	1375	1358	1353	1.88	cps
Molybdenum	95-1	1358	1233	1567	1386	12.15	cps
Molybdenum	96-1	1617	1508	1842	1656	10.27	cps
Molybdenum	97-1	800	967	850	872	9.81	cps
Neodymium	150-1	60	53	93	69	31.11	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	227	200	283	237	17.98	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	20891	20307	20482	20560	1.46	cps
Rhodium	103-1	5926570	5986060	5976223	5962951	0.53	cps
Rhodium	103-2	1561014	1509351	1540103	1536823	1.69	cps
Scandium	45-1	3580075	3622756	3645296	3616042	0.92	cps
Scandium	45-2	26709	25443	25998	26050	2.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-49	-15	-34	-33	-50.99	cps
Silicon	28-1	11645566	11780854	11790542	11738987	0.69	cps
Silver	109-1	2817	2550	2350	2573	9.10	cps
Silver	107-1	2642	2867	2709	2739	4.22	cps
Sodium	23-2	630497	623253	629959	627903	0.64	cps
Strontium	86-1	1282232	1300951	1296299	1293160	0.75	cps
Strontium	88-1	11160293	11350014	11237356	11249221	0.85	cps
Sulfur	34-1	417221	417650	419451	418108	0.28	cps
Terbium	159-1	8257843	8319552	8465988	8347794	1.28	cps
Terbium	159-2	1623621	1562150	1566697	1584156	2.16	cps
Thallium	203-1	233	108	242	194	38.41	cps
Thallium	205-1	483	350	375	403	17.60	cps
Tin	118-1	19448	20024	20299	19924	2.18	cps
Titanium	47-1	542	492	508	514	4.95	cps
Uranium	238-1	16553	16303	16979	16612	2.06	cps
Vanadium	51-2	83	117	97	99	16.97	cps
Yttrium	89-1	6677534	6772236	6760462	6736744	0.77	cps
Yttrium	89-2	187916	184849	185728	186164	0.85	cps
Zinc	66-2	1160	1137	1193	1163	2.45	cps
Zirconium	90-1	1667	1784	1709	1720	3.44	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-07	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:45:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	358	625	458	31.74	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-08	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:48:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	75	86	11.18	cps
Antimony	121-1	18455	19156	18731	18781	1.88	cps
Arsenic	75-2	69	83	94	82	15.84	cps
Barium	135-1	48574	46341	48523	47812	2.67	cps
Barium	137-1	82423	85133	83111	83555	1.69	cps
Beryllium	9-1	161	200	200	187	12.00	cps
Bismuth	209-1	4890503	4997503	5008447	4965484	1.31	cps
Bismuth	209-2	1299874	1298931	1291222	1296676	0.37	cps
Boron	11-1	15125	16001	15734	15620	2.87	cps
Boron	10-1	3592	3417	3484	3498	2.53	cps
Cadmium	106-1	1217	1208	1042	1156	8.54	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Cadmium	111-1	965	929	768	887	11.85	cps
Calcium	43-1	1406082	1425543	1412293	1414639	0.70	cps
Calcium	44-1	22658908	22860176	22756225	22758436	0.44	cps
Chromium	52-2	1063	960	1083	1036	6.39	cps
Cobalt	59-2	183	137	207	176	20.30	cps
Copper	63-2	4481	4351	4528	4453	2.06	cps
Dysprosium	156-1	25	83	117	75	61.86	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	108	67	117	97	27.55	cps
Erbium	164-2	27	7	23	19	56.72	cps
Gadolinium	160-1	117	75	100	97	21.57	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Holmium	165-1	8002649	8097377	8093303	8064443	0.66	cps
Holmium	165-2	1678412	1648351	1634062	1653609	1.37	cps
Indium	115-1	6552303	6559069	6677322	6596231	1.07	cps
Indium	115-2	258003	257867	256124	257332	0.41	cps
Iron	56-2	37345	37980	37044	37456	1.28	cps
Iron	57-2	1067	978	978	1007	5.10	cps
Lead	206-1	1583	1756	1722	1687	5.42	cps
Lead	207-1	1422	1261	1339	1341	6.01	cps
Lead	208-1	6484	6734	6568	6595	1.93	cps
Lithium	6-1	1229049	1264020	1256275	1249782	1.47	cps
Magnesium	24-2	240526	240899	238944	240123	0.43	cps
Manganese	55-2	27407	26799	27795	27334	1.84	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-08	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:48:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2542	2600	2625	2589	1.65	cps
Molybdenum	94-1	1634	1267	1450	1450	12.64	cps
Molybdenum	95-1	1200	1142	1317	1220	7.31	cps
Molybdenum	96-1	2320	1642	1825	1929	18.17	cps
Molybdenum	97-1	767	858	842	822	5.94	cps
Neodymium	150-1	20	47	40	36	39.03	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	280	290	283	284	1.79	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	15251	14925	15050	15075	1.09	cps
Rhodium	103-1	5843602	5894277	5877021	5871633	0.44	cps
Rhodium	103-2	1515598	1517136	1515474	1516069	0.06	cps
Scandium	45-1	3586912	3631784	3565901	3594866	0.94	cps
Scandium	45-2	26609	26292	25978	26293	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	7	4	6	33.38	cps
Selenium	82-1	31	112	-112	10	1091.53	cps
Silicon	28-1	7672254	7885438	7898309	7818667	1.62	cps
Silver	109-1	2409	2342	2100	2284	7.11	cps
Silver	107-1	2625	2625	2592	2614	0.74	cps
Sodium	23-2	471455	469109	468692	469752	0.32	cps
Strontium	86-1	1104582	1112280	1125817	1114226	0.96	cps
Strontium	88-1	9750530	9782913	9773576	9769006	0.17	cps
Sulfur	34-1	467188	466538	464603	466109	0.29	cps
Terbium	159-1	8266947	8409709	8464013	8380223	1.21	cps
Terbium	159-2	1564855	1564772	1574259	1567962	0.35	cps
Thallium	203-1	125	125	150	133	10.82	cps
Thallium	205-1	375	367	392	378	3.37	cps
Tin	118-1	18080	18221	18923	18408	2.45	cps
Titanium	47-1	558	650	683	631	10.26	cps
Uranium	238-1	13641	13291	14058	13664	2.81	cps
Vanadium	51-2	117	93	73	94	22.97	cps
Yttrium	89-1	6706021	6699819	6748836	6718225	0.40	cps
Yttrium	89-2	185092	183633	183653	184126	0.45	cps
Zinc	66-2	1283	1373	1403	1353	4.61	cps
Zirconium	90-1	2100	1934	1809	1947	7.52	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-08	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:48:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	425	450	425	5.88	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-09	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:51:38	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	50	117	86	39.11	cps
Antimony	121-1	18772	19306	18455	18845	2.28	cps
Arsenic	75-2	102	113	111	109	5.48	cps
Barium	135-1	39117	38724	39426	39089	0.90	cps
Barium	137-1	66577	66375	68126	67026	1.43	cps
Beryllium	9-1	117	167	194	159	24.75	cps
Bismuth	209-1	5103239	5153720	5146820	5134593	0.53	cps
Bismuth	209-2	1331957	1326665	1322770	1327130	0.35	cps
Boron	11-1	13690	13399	13916	13668	1.90	cps
Boron	10-1	2817	3059	3175	3017	6.06	cps
Cadmium	106-1	1100	1183	1275	1186	7.38	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Cadmium	111-1	814	878	945	879	7.44	cps
Calcium	43-1	1376960	1377838	1380501	1378433	0.13	cps
Calcium	44-1	22119523	21952044	22040897	22037488	0.38	cps
Chromium	52-2	947	960	967	958	1.06	cps
Cobalt	59-2	187	130	120	146	24.70	cps
Copper	63-2	4354	4417	4514	4429	1.82	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	42	100	83	75	40.06	cps
Erbium	164-2	17	13	23	18	28.64	cps
Gadolinium	160-1	83	67	167	106	50.76	cps
Gadolinium	160-2	27	20	27	24	15.75	cps
Holmium	165-1	8244036	8332596	8400983	8325872	0.95	cps
Holmium	165-2	1741531	1724506	1694183	1720073	1.39	cps
Indium	115-1	6744906	6871148	6622780	6746278	1.84	cps
Indium	115-2	262282	259159	260837	260759	0.60	cps
Iron	56-2	147487	146023	146534	146681	0.51	cps
Iron	57-2	4056	3701	3701	3819	5.38	cps
Lead	206-1	1489	1289	1433	1404	7.35	cps
Lead	207-1	1106	1272	1172	1183	7.09	cps
Lead	208-1	5412	5173	5645	5410	4.37	cps
Lithium	6-1	1264828	1284027	1274353	1274403	0.75	cps
Magnesium	24-2	298364	301642	298966	299657	0.58	cps
Manganese	55-2	13710	13600	14087	13799	1.85	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-09	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:51:38	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3100	2842	2684	2875	7.32	cps
Molybdenum	94-1	1400	1442	1500	1447	3.47	cps
Molybdenum	95-1	1417	1675	1550	1547	8.35	cps
Molybdenum	96-1	1617	1850	1917	1795	8.78	cps
Molybdenum	97-1	983	1100	925	1003	8.89	cps
Neodymium	150-1	80	53	60	64	21.53	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	217	307	237	253	18.65	cps
Phosphorus	31-2	17	0	25	14	91.65	cps
Potassium	39-2	22477	23262	21768	22502	3.32	cps
Rhodium	103-1	6043330	6022698	6065713	6043913	0.36	cps
Rhodium	103-2	1584718	1544914	1545818	1558483	1.46	cps
Scandium	45-1	3650750	3637702	3686457	3658303	0.69	cps
Scandium	45-2	26018	26739	26014	26257	1.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	4	0	4	107.89	cps
Selenium	82-1	-67	-7	66	-3	-2469.28	cps
Silicon	28-1	11857179	11842811	11779900	11826630	0.35	cps
Silver	109-1	2034	1775	1842	1884	7.12	cps
Silver	107-1	1984	1900	2075	1986	4.41	cps
Sodium	23-2	597714	595936	597277	596976	0.16	cps
Strontium	86-1	1217264	1226181	1227830	1223758	0.46	cps
Strontium	88-1	10674558	10754083	10816846	10748496	0.66	cps
Sulfur	34-1	410558	410137	407378	409357	0.42	cps
Terbium	159-1	8573404	8721198	8594614	8629738	0.93	cps
Terbium	159-2	1661696	1595159	1601016	1619291	2.28	cps
Thallium	203-1	167	108	108	128	26.36	cps
Thallium	205-1	392	258	325	325	20.51	cps
Tin	118-1	16703	16569	17813	17028	4.01	cps
Titanium	47-1	542	508	483	511	5.73	cps
Uranium	238-1	16228	16420	16712	16453	1.48	cps
Vanadium	51-2	127	93	97	106	17.39	cps
Yttrium	89-1	6805013	6887655	6858270	6850313	0.61	cps
Yttrium	89-2	188494	186855	186315	187222	0.61	cps
Zinc	66-2	1127	1193	1270	1197	5.99	cps
Zirconium	90-1	1608	1367	1517	1497	8.15	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-09	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:51:38	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	383	375	350	14.48	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-10	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:54:46	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	75	67	81	21.54	cps
Antimony	121-1	18639	19448	19373	19153	2.33	cps
Arsenic	75-2	94	100	74	90	15.25	cps
Barium	135-1	39685	39995	40254	39978	0.71	cps
Barium	137-1	69064	71577	68680	69773	2.26	cps
Beryllium	9-1	161	167	167	165	1.94	cps
Bismuth	209-1	5043975	5113138	5146335	5101149	1.02	cps
Bismuth	209-2	1312487	1314120	1303937	1310181	0.42	cps
Boron	11-1	12890	13448	13240	13193	2.14	cps
Boron	10-1	3059	2842	3225	3042	6.32	cps
Cadmium	106-1	1333	1133	1142	1203	9.41	cps
Cadmium	108-1	17	21	21	19	12.35	cps
Cadmium	111-1	959	800	839	866	9.61	cps
Calcium	43-1	1426371	1414751	1409210	1416777	0.62	cps
Calcium	44-1	23011282	22921034	22869991	22934103	0.31	cps
Chromium	52-2	1003	1030	930	988	5.24	cps
Cobalt	59-2	140	143	133	139	3.67	cps
Copper	63-2	4634	4751	4754	4713	1.45	cps
Dysprosium	156-1	67	92	67	75	19.24	cps
Dysprosium	156-2	17	3	13	11	62.48	cps
Erbium	164-1	75	75	92	81	11.95	cps
Erbium	164-2	3	10	27	13	90.16	cps
Gadolinium	160-1	133	83	75	97	32.45	cps
Gadolinium	160-2	20	23	13	19	26.96	cps
Holmium	165-1	8283273	8261365	8417081	8320573	1.01	cps
Holmium	165-2	1682380	1703790	1701378	1695850	0.69	cps
Indium	115-1	6716769	6654213	6765098	6712027	0.83	cps
Indium	115-2	256816	254247	255921	255661	0.51	cps
Iron	56-2	146253	146628	145629	146170	0.35	cps
Iron	57-2	3912	3745	3712	3790	2.83	cps
Lead	206-1	1339	1350	1356	1348	0.63	cps
Lead	207-1	1211	1195	1211	1206	0.80	cps
Lead	208-1	5339	5184	5384	5302	1.98	cps
Lithium	6-1	1261899	1275200	1305006	1280701	1.72	cps
Magnesium	24-2	313349	306446	307128	308975	1.23	cps
Manganese	55-2	12936	12776	12779	12831	0.71	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-10	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:54:46	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3226	3075	2900	3067	5.31	cps
Molybdenum	94-1	1592	1317	1492	1467	9.49	cps
Molybdenum	95-1	1650	1533	1542	1575	4.13	cps
Molybdenum	96-1	1884	1859	1867	1870	0.68	cps
Molybdenum	97-1	1075	908	883	956	10.90	cps
Neodymium	150-1	107	73	67	82	26.06	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	343	287	287	306	10.71	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	22986	21701	22561	22416	2.92	cps
Rhodium	103-1	6032211	5953267	6047404	6010961	0.84	cps
Rhodium	103-2	1547418	1542923	1539164	1543169	0.27	cps
Scandium	45-1	3630916	3671494	3664597	3655669	0.59	cps
Scandium	45-2	26011	26218	26348	26192	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-77	40	18	-6	-966.32	cps
Silicon	28-1	12229136	12261746	12248217	12246367	0.13	cps
Silver	109-1	1667	1800	1750	1739	3.87	cps
Silver	107-1	1892	1950	2059	1967	4.30	cps
Sodium	23-2	621971	620847	616805	619874	0.44	cps
Strontium	86-1	1272489	1260585	1265548	1266207	0.47	cps
Strontium	88-1	11142421	10989276	11155230	11095642	0.83	cps
Sulfur	34-1	407596	403745	403301	404881	0.58	cps
Terbium	159-1	8598189	8536061	8626616	8586955	0.54	cps
Terbium	159-2	1628726	1573034	1579291	1593684	1.91	cps
Thallium	203-1	108	133	142	128	13.58	cps
Thallium	205-1	258	250	217	242	9.12	cps
Tin	118-1	16895	17988	17328	17404	3.16	cps
Titanium	47-1	617	483	550	550	12.12	cps
Uranium	238-1	16762	16637	17380	16926	2.35	cps
Vanadium	51-2	100	113	110	108	6.44	cps
Yttrium	89-1	6779336	6816717	6807557	6801203	0.29	cps
Yttrium	89-2	184699	182867	183920	183829	0.50	cps
Zinc	66-2	1180	1183	1250	1205	3.28	cps
Zirconium	90-1	1575	1684	1625	1628	3.33	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-10	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:54:46	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	367	350	403	19.22	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-11	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:57:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	267	242	242	10.34	cps
Antimony	121-1	14375	14717	15092	14728	2.44	cps
Arsenic	75-2	111	93	109	104	9.78	cps
Barium	135-1	50087	50330	49929	50115	0.40	cps
Barium	137-1	87716	87682	87631	87676	0.05	cps
Beryllium	9-1	128	122	133	128	4.35	cps
Bismuth	209-1	4955621	5213590	5169231	5112814	2.70	cps
Bismuth	209-2	1346970	1336228	1338085	1340428	0.43	cps
Boron	11-1	12756	12815	12347	12639	2.01	cps
Boron	10-1	2750	2900	3175	2942	7.33	cps
Cadmium	106-1	1325	1158	1217	1233	6.86	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Cadmium	111-1	999	856	894	917	8.08	cps
Calcium	43-1	1497848	1477449	1466385	1480561	1.08	cps
Calcium	44-1	23866539	23756684	23785696	23802973	0.24	cps
Chromium	52-2	1193	1210	1113	1172	4.41	cps
Cobalt	59-2	400	403	353	386	7.25	cps
Copper	63-2	4227	4067	4061	4118	2.29	cps
Dysprosium	156-1	217	283	258	253	13.32	cps
Dysprosium	156-2	47	60	37	48	24.50	cps
Erbium	164-1	225	200	258	228	12.85	cps
Erbium	164-2	33	40	30	34	14.78	cps
Gadolinium	160-1	342	300	350	331	8.10	cps
Gadolinium	160-2	93	60	67	73	24.06	cps
Holmium	165-1	7963838	8356440	8560751	8293676	3.66	cps
Holmium	165-2	1748801	1732078	1747309	1742729	0.53	cps
Indium	115-1	6538950	6784318	6900737	6741335	2.74	cps
Indium	115-2	265965	266233	265790	265996	0.08	cps
Iron	56-2	236495	238043	236247	236928	0.41	cps
Iron	57-2	6179	6196	5751	6042	4.17	cps
Lead	206-1	4557	4356	4434	4449	2.27	cps
Lead	207-1	3995	4095	3923	4004	2.16	cps
Lead	208-1	18284	18094	17828	18069	1.27	cps
Lithium	6-1	1168611	1231516	1233600	1211242	3.05	cps
Magnesium	24-2	315981	312818	311958	313586	0.68	cps
Manganese	55-2	76615	77229	75781	76542	0.95	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-11	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:57:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2384	2467	2809	2553	8.82	cps
Molybdenum	94-1	1392	1550	1458	1467	5.42	cps
Molybdenum	95-1	1709	1575	1350	1545	11.73	cps
Molybdenum	96-1	1675	1583	1625	1628	2.82	cps
Molybdenum	97-1	925	892	850	889	4.23	cps
Neodymium	150-1	253	307	267	276	10.08	cps
Neodymium	150-2	27	33	30	30	11.10	cps
Nickel	60-2	360	333	387	360	7.41	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	24088	24556	23495	24046	2.21	cps
Rhodium	103-1	5812383	6167093	6213266	6064247	3.62	cps
Rhodium	103-2	1606821	1572381	1602563	1593922	1.18	cps
Scandium	45-1	3602261	3726511	3710937	3679903	1.84	cps
Scandium	45-2	27053	26154	26395	26534	1.75	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-24	-77	-64	-55	-49.96	cps
Silicon	28-1	12616811	12555311	12416069	12529397	0.82	cps
Silver	109-1	1559	1725	1467	1584	8.27	cps
Silver	107-1	1767	1642	1592	1667	5.41	cps
Sodium	23-2	620160	619355	613535	617683	0.59	cps
Strontium	86-1	1315533	1318169	1303555	1312419	0.59	cps
Strontium	88-1	11488430	11659008	11461351	11536263	0.93	cps
Sulfur	34-1	422696	422901	418430	421342	0.60	cps
Terbium	159-1	8239967	8804337	8745056	8596453	3.61	cps
Terbium	159-2	1673160	1657799	1647217	1659392	0.79	cps
Thallium	203-1	83	67	83	78	12.37	cps
Thallium	205-1	200	292	208	233	21.73	cps
Tin	118-1	11897	12164	11889	11984	1.31	cps
Titanium	47-1	842	933	958	911	6.74	cps
Uranium	238-1	18414	18089	17480	17994	2.64	cps
Vanadium	51-2	163	237	187	196	19.16	cps
Yttrium	89-1	6715123	7008064	6974715	6899301	2.32	cps
Yttrium	89-2	190091	190978	191877	190982	0.47	cps
Zinc	66-2	1383	1367	1420	1390	1.96	cps
Zirconium	90-1	1875	1975	1675	1842	8.29	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-11	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 15:57:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	483	383	450	439	11.60	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-12	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:01:02	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	58	75	22.22	cps
Antimony	121-1	14208	14625	14575	14470	1.57	cps
Arsenic	75-2	81	81	70	78	8.25	cps
Barium	135-1	54923	54873	54580	54792	0.34	cps
Barium	137-1	94638	94865	95644	95049	0.56	cps
Beryllium	9-1	150	111	194	152	27.46	cps
Bismuth	209-1	5132281	5209242	5142606	5161376	0.81	cps
Bismuth	209-2	1352699	1345303	1348990	1348997	0.27	cps
Boron	11-1	12239	12139	12873	12417	3.21	cps
Boron	10-1	2725	2825	2675	2742	2.79	cps
Cadmium	106-1	1425	1350	1233	1336	7.23	cps
Cadmium	108-1	4	25	13	14	75.48	cps
Cadmium	111-1	1061	965	875	967	9.61	cps
Calcium	43-1	1550960	1527375	1551727	1543354	0.90	cps
Calcium	44-1	24867571	24787850	24800379	24818600	0.17	cps
Chromium	52-2	1117	1187	1160	1155	3.06	cps
Cobalt	59-2	140	113	210	154	32.33	cps
Copper	63-2	3967	3891	3897	3918	1.08	cps
Dysprosium	156-1	117	58	25	67	69.60	cps
Dysprosium	156-2	20	20	17	19	10.18	cps
Erbium	164-1	67	108	108	94	25.47	cps
Erbium	164-2	23	20	17	20	16.65	cps
Gadolinium	160-1	117	100	150	122	20.83	cps
Gadolinium	160-2	13	30	30	24	39.37	cps
Holmium	165-1	8428992	8498890	8293068	8406983	1.24	cps
Holmium	165-2	1757536	1735240	1736798	1743192	0.71	cps
Indium	115-1	6865859	6844446	6992903	6901069	1.16	cps
Indium	115-2	269112	266277	266050	267146	0.64	cps
Iron	56-2	84717	81717	84058	83497	1.89	cps
Iron	57-2	2245	2100	2050	2132	4.74	cps
Lead	206-1	1272	1433	1389	1365	6.10	cps
Lead	207-1	1172	1195	1245	1204	3.07	cps
Lead	208-1	5517	5640	5751	5636	2.07	cps
Lithium	6-1	1204326	1198880	1221562	1208256	0.98	cps
Magnesium	24-2	324314	324858	325722	324965	0.22	cps
Manganese	55-2	11899	12195	12119	12071	1.28	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-12	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:01:02	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2317	2609	2375	2434	6.34	cps
Molybdenum	94-1	1425	1308	1442	1392	5.22	cps
Molybdenum	95-1	1400	1333	1200	1311	7.77	cps
Molybdenum	96-1	1567	1650	1509	1575	4.52	cps
Molybdenum	97-1	925	1108	967	1000	9.61	cps
Neodymium	150-1	60	93	120	91	33.00	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	233	203	237	224	8.18	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	22068	22043	21935	22015	0.32	cps
Rhodium	103-1	6141281	6133372	6227802	6167485	0.85	cps
Rhodium	103-2	1621080	1592461	1594053	1602531	1.00	cps
Scandium	45-1	3759478	3745348	3749763	3751529	0.19	cps
Scandium	45-2	26853	26525	27053	26810	0.99	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-28	-47	-25	-33	-35.47	cps
Silicon	28-1	13741284	13708372	14078356	13842671	1.48	cps
Silver	109-1	1709	1508	1617	1611	6.21	cps
Silver	107-1	1917	1892	1792	1867	3.54	cps
Sodium	23-2	645547	644145	645263	644985	0.11	cps
Strontium	86-1	1322932	1348066	1334608	1335202	0.94	cps
Strontium	88-1	11729016	11836490	11836680	11800729	0.53	cps
Sulfur	34-1	451077	446520	451934	449844	0.65	cps
Terbium	159-1	8687077	8723405	8671087	8693856	0.31	cps
Terbium	159-2	1683676	1654786	1667564	1668675	0.87	cps
Thallium	203-1	58	117	67	81	39.16	cps
Thallium	205-1	183	217	283	228	22.35	cps
Tin	118-1	11197	11172	11264	11211	0.42	cps
Titanium	47-1	617	367	425	469	27.87	cps
Uranium	238-1	17814	18873	18589	18425	2.98	cps
Vanadium	51-2	53	73	80	69	20.15	cps
Yttrium	89-1	6988224	7054409	6962951	7001862	0.67	cps
Yttrium	89-2	193632	191036	192333	192334	0.67	cps
Zinc	66-2	1150	1160	1230	1180	3.69	cps
Zirconium	90-1	1308	1408	1292	1336	4.72	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-12	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:01:02	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	333	325	333	2.50	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-13	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:04:11	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	58	50	28.88	cps
Antimony	121-1	13065	13391	13282	13246	1.25	cps
Arsenic	75-2	69	94	44	69	36.18	cps
Barium	135-1	58047	57007	56664	57239	1.26	cps
Barium	137-1	99180	100749	99994	99974	0.78	cps
Beryllium	9-1	83	183	183	150	38.49	cps
Bismuth	209-1	5078751	5115944	5078496	5091064	0.42	cps
Bismuth	209-2	1365236	1353441	1354201	1357626	0.49	cps
Boron	11-1	10913	11488	11455	11286	2.86	cps
Boron	10-1	2484	2634	2359	2492	5.53	cps
Cadmium	106-1	1425	1308	1333	1356	4.53	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Cadmium	111-1	1057	952	994	1001	5.30	cps
Calcium	43-1	1666183	1689280	1657576	1671013	0.98	cps
Calcium	44-1	26657403	26816487	26942501	26805464	0.53	cps
Chromium	52-2	1330	1480	1177	1329	11.41	cps
Cobalt	59-2	227	177	200	201	12.44	cps
Copper	63-2	4211	4347	4594	4384	4.43	cps
Dysprosium	156-1	50	50	42	47	10.18	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	58	67	58	61	7.87	cps
Erbium	164-2	23	23	3	17	69.30	cps
Gadolinium	160-1	83	75	100	86	14.78	cps
Gadolinium	160-2	23	10	20	18	39.03	cps
Holmium	165-1	8358701	8368877	8483766	8403782	0.83	cps
Holmium	165-2	1774247	1755402	1759085	1762911	0.57	cps
Indium	115-1	6750240	6872898	6834082	6819073	0.92	cps
Indium	115-2	268351	269193	269902	269149	0.29	cps
Iron	56-2	115351	114852	112489	114230	1.34	cps
Iron	57-2	3034	2878	3056	2989	3.24	cps
Lead	206-1	1283	1445	1300	1343	6.60	cps
Lead	207-1	1100	1200	1228	1176	5.72	cps
Lead	208-1	5173	5656	5317	5382	4.61	cps
Lithium	6-1	1156782	1167023	1195325	1173043	1.70	cps
Magnesium	24-2	316113	312671	316004	314930	0.62	cps
Manganese	55-2	19070	19604	19530	19401	1.49	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-13	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:04:11	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2634	2767	2759	2720	2.75	cps
Molybdenum	94-1	1584	1400	1408	1464	7.07	cps
Molybdenum	95-1	1508	1550	1742	1600	7.78	cps
Molybdenum	96-1	1875	2034	1734	1881	7.98	cps
Molybdenum	97-1	1058	1017	1050	1042	2.12	cps
Neodymium	150-1	40	93	67	67	40.00	cps
Neodymium	150-2	17	10	0	9	94.38	cps
Nickel	60-2	423	547	560	510	14.77	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	25732	25148	25482	25454	1.15	cps
Rhodium	103-1	6069891	6221581	6110802	6134091	1.28	cps
Rhodium	103-2	1626791	1617434	1591622	1611949	1.13	cps
Scandium	45-1	3701833	3709383	3739807	3717008	0.54	cps
Scandium	45-2	27053	26792	26843	26896	0.51	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-5	-92	56	-14	-551.79	cps
Silicon	28-1	14522153	14643959	14614686	14593600	0.44	cps
Silver	109-1	1300	1475	1300	1358	7.44	cps
Silver	107-1	1717	1358	1559	1545	11.63	cps
Sodium	23-2	562632	562225	562671	562509	0.04	cps
Strontium	86-1	1363146	1403294	1377987	1381475	1.47	cps
Strontium	88-1	12073874	12218504	12143392	12145257	0.60	cps
Sulfur	34-1	444731	446789	446461	445994	0.25	cps
Terbium	159-1	8538511	8773901	8618615	8643676	1.38	cps
Terbium	159-2	1718881	1696735	1649147	1688254	2.11	cps
Thallium	203-1	83	58	92	78	22.30	cps
Thallium	205-1	92	183	217	164	39.50	cps
Tin	118-1	9162	10054	12464	10560	16.18	cps
Titanium	47-1	367	408	475	417	13.11	cps
Uranium	238-1	15827	15744	15911	15827	0.53	cps
Vanadium	51-2	53	50	53	52	3.68	cps
Yttrium	89-1	6901105	7019079	7026188	6982124	1.01	cps
Yttrium	89-2	193579	193017	192712	193103	0.23	cps
Zinc	66-2	1593	1747	1700	1680	4.68	cps
Zirconium	90-1	1609	1350	1600	1520	9.66	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-13	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:04:11	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	325	317	325	2.56	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-14	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:07:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	83	47	71.32	cps
Antimony	121-1	14859	14959	14592	14803	1.28	cps
Arsenic	75-2	120	144	187	151	22.41	cps
Barium	135-1	69156	70437	70480	70024	1.07	cps
Barium	137-1	123725	123643	124256	123875	0.27	cps
Beryllium	9-1	139	172	150	154	11.04	cps
Bismuth	209-1	5063908	5130398	5151861	5115389	0.90	cps
Bismuth	209-2	1337287	1169752	1332278	1279772	7.45	cps
Boron	11-1	11347	11722	11155	11408	2.53	cps
Boron	10-1	2492	2734	2742	2656	5.35	cps
Cadmium	106-1	1208	1150	1250	1203	4.18	cps
Cadmium	108-1	4	4	29	13	115.44	cps
Cadmium	111-1	893	877	880	883	0.96	cps
Calcium	43-1	1842452	1810761	1805058	1819424	1.11	cps
Calcium	44-1	29406924	29423955	29371312	29400730	0.09	cps
Chromium	52-2	3260	3230	3344	3278	1.79	cps
Cobalt	59-2	373	377	427	392	7.62	cps
Copper	63-2	4431	4527	4377	4445	1.71	cps
Dysprosium	156-1	225	358	225	269	28.57	cps
Dysprosium	156-2	47	63	53	54	15.40	cps
Erbium	164-1	267	283	242	264	7.95	cps
Erbium	164-2	60	57	50	56	9.17	cps
Gadolinium	160-1	217	275	233	242	12.43	cps
Gadolinium	160-2	90	77	97	88	11.60	cps
Holmium	165-1	8259888	8436716	8446724	8381109	1.25	cps
Holmium	165-2	1751517	1506401	1720698	1659539	8.05	cps
Indium	115-1	6784785	6827987	6697470	6770081	0.98	cps
Indium	115-2	264308	231991	262357	252885	7.17	cps
Iron	56-2	1075409	1076148	1065375	1072311	0.56	cps
Iron	57-2	27645	26854	26865	27121	1.67	cps
Lead	206-1	1767	1722	1734	1741	1.33	cps
Lead	207-1	1400	1406	1583	1463	7.13	cps
Lead	208-1	6840	6718	6962	6840	1.79	cps
Lithium	6-1	1161431	1167089	1168611	1165710	0.32	cps
Magnesium	24-2	283074	279373	278213	280220	0.91	cps
Manganese	55-2	119536	118343	117674	118518	0.80	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-14	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:07:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3000	3017	2767	2928	4.77	cps
Molybdenum	94-1	2734	2184	2675	2531	11.94	cps
Molybdenum	95-1	1567	1567	1650	1595	3.02	cps
Molybdenum	96-1	1984	2109	2125	2072	3.74	cps
Molybdenum	97-1	908	908	892	903	1.07	cps
Neodymium	150-1	253	333	253	280	16.49	cps
Neodymium	150-2	43	17	23	28	49.95	cps
Nickel	60-2	883	1070	1007	987	9.62	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	35337	35178	34310	34942	1.58	cps
Rhodium	103-1	6194988	6058617	6145168	6132924	1.13	cps
Rhodium	103-2	1615999	1410897	1563812	1530236	6.97	cps
Scandium	45-1	3713429	3721391	3718213	3717678	0.11	cps
Scandium	45-2	27083	23844	26328	25752	6.58	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	50	-35	-52	-12	-439.56	cps
Silicon	28-1	14732665	14844823	14754681	14777390	0.40	cps
Silver	109-1	1525	1400	1575	1500	6.01	cps
Silver	107-1	1575	1450	1292	1439	9.87	cps
Sodium	23-2	281321	282148	283433	282301	0.38	cps
Strontium	86-1	1302256	1304687	1315999	1307647	0.56	cps
Strontium	88-1	11500108	11510135	11402200	11470814	0.52	cps
Sulfur	34-1	493503	494359	493155	493673	0.13	cps
Terbium	159-1	8605892	8693709	8756058	8685220	0.87	cps
Terbium	159-2	1683043	1476459	1588851	1582785	6.53	cps
Thallium	203-1	17	92	92	67	64.95	cps
Thallium	205-1	133	208	167	169	22.18	cps
Tin	118-1	9987	10913	11172	10691	5.82	cps
Titanium	47-1	583	592	483	553	10.91	cps
Uranium	238-1	16879	16303	16820	16667	1.90	cps
Vanadium	51-2	173	213	170	186	13.00	cps
Yttrium	89-1	6917001	6944305	6890919	6917408	0.39	cps
Yttrium	89-2	190752	166368	189379	182166	7.52	cps
Zinc	66-2	1627	1657	1793	1692	5.25	cps
Zirconium	90-1	3934	4393	4059	4129	5.75	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4832-14	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:07:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	992	800	708	833	17.35	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BL	Instrumnet Name :	P8
Client Sample ID :	PB101635BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:10:26	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	42	19	99.00	cps
Antimony	121-1	625	842	533	667	23.75	cps
Arsenic	75-2	6	6	7	6	17.29	cps
Barium	135-1	17	50	33	33	50.00	cps
Barium	137-1	67	100	133	100	33.33	cps
Beryllium	9-1	94	111	106	104	8.18	cps
Bismuth	209-1	4900257	4774953	4840508	4838573	1.30	cps
Bismuth	209-2	1450459	1352419	1452729	1418536	4.04	cps
Boron	11-1	2884	3009	3184	3025	4.98	cps
Boron	10-1	675	700	675	683	2.11	cps
Cadmium	106-1	1267	1467	1242	1325	9.31	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Cadmium	111-1	895	1041	872	936	9.78	cps
Calcium	43-1	2084	1959	2084	2042	3.53	cps
Calcium	44-1	37025	38086	38044	37719	1.59	cps
Chromium	52-2	787	790	737	771	3.87	cps
Cobalt	59-2	13	43	23	27	57.29	cps
Copper	63-2	420	377	380	392	6.15	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	17	58	33	66.14	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	42	58	75	58	28.57	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	8266179	8153842	8343947	8254656	1.16	cps
Holmium	165-2	1923273	1811153	1906277	1880234	3.21	cps
Indium	115-1	7083760	7137391	7106700	7109284	0.38	cps
Indium	115-2	309267	289847	309287	302800	3.70	cps
Iron	56-2	2017	2056	1984	2019	1.79	cps
Iron	57-2	61	28	89	59	51.63	cps
Lead	206-1	383	350	389	374	5.62	cps
Lead	207-1	367	350	317	344	7.39	cps
Lead	208-1	1600	1495	1783	1626	8.99	cps
Lithium	6-1	1029027	1030797	1039327	1033050	0.53	cps
Magnesium	24-2	117	92	125	111	15.61	cps
Manganese	55-2	57	40	53	50	17.64	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BL	Instrumnet Name :	P8
Client Sample ID :	PB101635BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:10:26	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	25	50	58	44	39.04	cps
Molybdenum	94-1	158	192	192	181	10.66	cps
Molybdenum	95-1	25	42	17	28	45.82	cps
Molybdenum	96-1	133	133	125	131	3.68	cps
Molybdenum	97-1	58	67	67	64	7.53	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	70	77	83	21.17	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2492	2642	2884	2673	7.40	cps
Rhodium	103-1	6543852	6587347	6570653	6567284	0.33	cps
Rhodium	103-2	1793373	1676808	1790212	1753464	3.79	cps
Scandium	45-1	4077586	4047342	4036889	4053939	0.52	cps
Scandium	45-2	30597	28269	29675	29514	3.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	-98	-98	-84	-93	-8.71	cps
Silicon	28-1	353985	355830	363159	357658	1.36	cps
Silver	109-1	425	425	433	428	1.12	cps
Silver	107-1	483	458	417	453	7.44	cps
Sodium	23-2	4126	3492	3884	3834	8.34	cps
Strontium	86-1	1008	867	883	920	8.42	cps
Strontium	88-1	450	417	450	439	4.38	cps
Sulfur	34-1	361162	358743	357205	359037	0.56	cps
Terbium	159-1	8560758	8532784	8545905	8546482	0.16	cps
Terbium	159-2	1860764	1741095	1832298	1811386	3.45	cps
Thallium	203-1	75	50	33	53	39.74	cps
Thallium	205-1	125	167	167	153	15.75	cps
Tin	118-1	958	1225	1033	1072	12.83	cps
Titanium	47-1	183	100	108	131	35.16	cps
Uranium	238-1	67	17	100	61	68.63	cps
Vanadium	51-2	13	13	23	17	34.65	cps
Yttrium	89-1	7486594	7416632	7459507	7454244	0.47	cps
Yttrium	89-2	221022	205923	223205	216716	4.34	cps
Zinc	66-2	137	173	137	149	14.22	cps
Zirconium	90-1	525	483	525	511	4.71	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BL	Instrumnet Name :	P8
Client Sample ID :	PB101635BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:10:26	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	117	100	111	8.66	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:13:35	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	295274	291191	285535	290667	1.68	cps
Antimony	121-1	5110803	5168663	5191671	5157046	0.81	cps
Arsenic	75-2	55048	54657	54081	54595	0.89	cps
Barium	135-1	5466124	5485678	5454015	5468606	0.29	cps
Barium	137-1	9354653	9368011	9371450	9364705	0.09	cps
Beryllium	9-1	623213	629289	624304	625602	0.52	cps
Bismuth	209-1	4904411	4931304	4948406	4928040	0.45	cps
Bismuth	209-2	1318304	1409141	1410245	1379230	3.83	cps
Boron	11-1	332297	335534	337047	334959	0.72	cps
Boron	10-1	71630	71821	73338	72263	1.30	cps
Cadmium	106-1	113912	113887	115087	114295	0.60	cps
Cadmium	108-1	77664	76378	78510	77517	1.39	cps
Cadmium	111-1	1111581	1109413	1103551	1108182	0.37	cps
Calcium	43-1	5362408	5406996	5370265	5379890	0.44	cps
Calcium	44-1	87249025	87298508	87007319	87184951	0.18	cps
Chromium	52-2	454942	447344	450984	451090	0.84	cps
Cobalt	59-2	982419	963952	963982	970118	1.10	cps
Copper	63-2	1741230	1741569	1724606	1735802	0.56	cps
Dysprosium	156-1	208	200	208	206	2.34	cps
Dysprosium	156-2	43	13	27	28	54.11	cps
Erbium	164-1	117	50	58	75	48.43	cps
Erbium	164-2	30	17	10	19	53.91	cps
Gadolinium	160-1	192	142	217	183	20.83	cps
Gadolinium	160-2	23	50	20	31	52.86	cps
Holmium	165-1	8426249	8373266	8526160	8441891	0.92	cps
Holmium	165-2	1790257	1930415	1923059	1881244	4.19	cps
Indium	115-1	6791522	6779943	6881355	6817607	0.81	cps
Indium	115-2	264425	287405	286461	279430	4.65	cps
Iron	56-2	74232063	72798410	72666696	73232390	1.19	cps
Iron	57-2	1893984	1892643	1858924	1881850	1.06	cps
Lead	206-1	3017428	3010597	3030542	3019522	0.34	cps
Lead	207-1	2759041	2759222	2778069	2765444	0.40	cps
Lead	208-1	12220419	12132341	12269033	12207264	0.57	cps
Lithium	6-1	956277	948367	954647	953097	0.44	cps
Magnesium	24-2	7383199	7242055	7279203	7301486	1.00	cps
Manganese	55-2	245725	242118	242754	243532	0.79	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:13:35	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3611415	3634583	3628201	3624733	0.33	cps
Molybdenum	94-1	4193548	4138930	4142207	4158228	0.74	cps
Molybdenum	95-1	2298603	2298465	2277819	2291629	0.52	cps
Molybdenum	96-1	2923203	2899441	2892127	2904924	0.56	cps
Molybdenum	97-1	1391046	1378715	1359956	1376573	1.14	cps
Neodymium	150-1	327	300	340	322	6.32	cps
Neodymium	150-2	20	27	13	20	33.35	cps
Nickel	60-2	285572	281237	281570	282793	0.85	cps
Phosphorus	31-2	4159	4434	4209	4268	3.43	cps
Potassium	39-2	2231121	2163670	2178393	2191061	1.62	cps
Rhodium	103-1	6105665	6148471	6211265	6155134	0.86	cps
Rhodium	103-2	1531737	1650181	1639829	1607249	4.08	cps
Scandium	45-1	3960698	3975833	3957786	3964773	0.24	cps
Scandium	45-2	27491	29200	28963	28552	3.24	cps
Selenium	77-2	363	383	353	367	4.17	cps
Selenium	78-2	1300	1254	1274	1276	1.82	cps
Selenium	82-1	68371	67252	67671	67764	0.83	cps
Silicon	28-1	2419033	2489483	2436604	2448373	1.50	cps
Silver	109-1	5212261	5205320	5238363	5218648	0.33	cps
Silver	107-1	5415215	5375438	5415656	5402103	0.43	cps
Sodium	23-2	18455111	18250323	17964472	18223302	1.35	cps
Strontium	86-1	1494244	1512771	1494180	1500398	0.71	cps
Strontium	88-1	12827844	12782723	12861878	12824148	0.31	cps
Sulfur	34-1	676788	679587	670708	675694	0.67	cps
Terbium	159-1	8714179	8790995	8843324	8782833	0.74	cps
Terbium	159-2	1708154	1809103	1860250	1792502	4.32	cps
Thallium	203-1	3740538	3669271	3750574	3720127	1.19	cps
Thallium	205-1	8689335	8586214	8781707	8685752	1.13	cps
Tin	118-1	3681457	3665482	3740778	3695906	1.07	cps
Titanium	47-1	568850	565540	561696	565362	0.63	cps
Uranium	238-1	11342738	11493361	11640317	11492139	1.29	cps
Vanadium	51-2	338609	332868	333998	335158	0.91	cps
Yttrium	89-1	7439026	7359864	7330262	7376384	0.76	cps
Yttrium	89-2	197760	213798	212345	207968	4.27	cps
Zinc	66-2	149225	148639	147767	148544	0.49	cps
Zirconium	90-1	7906532	7818119	7775744	7833465	0.85	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:13:35	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1824083	1799384	1807475	1810314	0.70	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:16:32	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	8	17	86.64	cps
Antimony	121-1	3076	2867	3050	2998	3.80	cps
Arsenic	75-2	4	6	11	7	56.78	cps
Barium	135-1	33	17	33	28	34.63	cps
Barium	137-1	58	75	67	67	12.49	cps
Beryllium	9-1	167	239	144	183	26.93	cps
Bismuth	209-1	4940001	4981943	4996519	4972821	0.59	cps
Bismuth	209-2	1379662	1446752	1450910	1425775	2.80	cps
Boron	11-1	9654	8678	7961	8764	9.70	cps
Boron	10-1	1967	2034	1775	1925	6.97	cps
Cadmium	106-1	1400	1275	1342	1339	4.67	cps
Cadmium	108-1	21	29	8	19	53.95	cps
Cadmium	111-1	1082	993	1054	1043	4.37	cps
Calcium	43-1	2100	2025	1950	2025	3.70	cps
Calcium	44-1	37560	37935	38671	38055	1.49	cps
Chromium	52-2	713	890	820	808	11.01	cps
Cobalt	59-2	17	17	20	18	10.81	cps
Copper	63-2	400	457	433	430	6.62	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	33	83	67	61	41.66	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	8134756	8124344	8325499	8194866	1.38	cps
Holmium	165-2	1785819	1903619	1889401	1859613	3.46	cps
Indium	115-1	6998129	6955718	7002168	6985338	0.37	cps
Indium	115-2	288687	301437	301180	297102	2.45	cps
Iron	56-2	2600	2506	2467	2524	2.72	cps
Iron	57-2	67	78	56	67	16.66	cps
Lead	206-1	567	567	633	589	6.54	cps
Lead	207-1	583	550	517	550	6.06	cps
Lead	208-1	2434	2267	2428	2376	3.98	cps
Lithium	6-1	973075	987157	1003148	987793	1.52	cps
Magnesium	24-2	108	133	117	119	10.66	cps
Manganese	55-2	40	63	27	43	42.82	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:16:32	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	483	275	342	367	29.02	cps
Molybdenum	94-1	492	550	458	500	9.28	cps
Molybdenum	95-1	300	233	242	258	14.06	cps
Molybdenum	96-1	233	367	400	333	26.46	cps
Molybdenum	97-1	233	150	150	178	27.06	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	73	110	86	24.75	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2892	2825	2525	2748	7.11	cps
Rhodium	103-1	6442972	6371864	6512330	6442389	1.09	cps
Rhodium	103-2	1674085	1744349	1735312	1717915	2.23	cps
Scandium	45-1	3902272	3953122	3933066	3929487	0.65	cps
Scandium	45-2	27805	29388	29344	28845	3.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-30	-134	-33	-66	-90.08	cps
Silicon	28-1	352638	349807	358126	353523	1.20	cps
Silver	109-1	575	550	567	564	2.26	cps
Silver	107-1	667	517	550	578	13.63	cps
Sodium	23-2	5193	4884	5043	5040	3.06	cps
Strontium	86-1	942	808	825	858	8.46	cps
Strontium	88-1	408	325	292	342	17.59	cps
Sulfur	34-1	340073	341019	341910	341001	0.27	cps
Terbium	159-1	8492186	8529893	8653519	8558533	0.99	cps
Terbium	159-2	1726024	1825171	1835772	1795656	3.37	cps
Thallium	203-1	408	375	300	361	15.37	cps
Thallium	205-1	1017	1033	1008	1020	1.25	cps
Tin	118-1	1442	1667	1492	1534	7.71	cps
Titanium	47-1	100	133	150	128	19.92	cps
Uranium	238-1	75	92	100	89	14.32	cps
Vanadium	51-2	13	13	0	9	86.60	cps
Yttrium	89-1	7302100	7204933	7298955	7268663	0.76	cps
Yttrium	89-2	206611	215813	217501	213308	2.75	cps
Zinc	66-2	107	130	107	114	11.77	cps
Zirconium	90-1	1192	1158	1217	1189	2.46	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:16:32	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	183	267	236	19.44	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BS	Instrumnet Name :	P8
Client Sample ID :	PB101635BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:19:42	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58354	57626	56856	57612	1.30	cps
Antimony	121-1	5439275	5445645	5424289	5436403	0.20	cps
Arsenic	75-2	55808	56180	56658	56216	0.76	cps
Barium	135-1	5585986	5625993	5630616	5614198	0.44	cps
Barium	137-1	9532526	9629532	9532353	9564804	0.59	cps
Beryllium	9-1	635218	632711	638529	635486	0.46	cps
Bismuth	209-1	5134261	5137358	5115847	5129155	0.23	cps
Bismuth	209-2	1487771	1494855	1392276	1458301	3.93	cps
Boron	11-1	323479	332015	336430	330642	1.99	cps
Boron	10-1	71830	73429	73715	72991	1.39	cps
Cadmium	106-1	117752	119131	119720	118867	0.85	cps
Cadmium	108-1	81281	80916	80224	80807	0.66	cps
Cadmium	111-1	1155708	1163275	1163312	1160765	0.38	cps
Calcium	43-1	1083583	1086950	1084479	1085004	0.16	cps
Calcium	44-1	17840124	17929011	17834073	17867736	0.30	cps
Chromium	52-2	454421	453471	462427	456773	1.08	cps
Cobalt	59-2	998844	1001830	1011989	1004221	0.69	cps
Copper	63-2	1807265	1817767	1807891	1810974	0.33	cps
Dysprosium	156-1	58	117	92	89	32.92	cps
Dysprosium	156-2	23	3	10	12	83.33	cps
Erbium	164-1	67	75	50	64	19.92	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	125	158	150	144	12.01	cps
Gadolinium	160-2	17	20	13	17	20.01	cps
Holmium	165-1	8643254	8618055	8533302	8598204	0.67	cps
Holmium	165-2	1969922	1979269	1818438	1922543	4.70	cps
Indium	115-1	7157937	7040954	7053918	7084270	0.91	cps
Indium	115-2	298738	303281	279567	293862	4.28	cps
Iron	56-2	15595722	15459594	15438574	15497963	0.55	cps
Iron	57-2	388876	385297	389702	387959	0.60	cps
Lead	206-1	3091820	3105483	3097388	3098230	0.22	cps
Lead	207-1	2797182	2812322	2838133	2815879	0.74	cps
Lead	208-1	12440564	12498090	12556344	12498333	0.46	cps
Lithium	6-1	981821	979301	975342	978821	0.33	cps
Magnesium	24-2	1584447	1550199	1560948	1565198	1.12	cps
Manganese	55-2	250500	244831	250091	248474	1.27	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : PB101635BS Instrumnet Name : P8
 Client Sample ID : PB101635BS Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 16:19:42 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3618929	3640013	3616120	3625021	0.36	cps
Molybdenum	94-1	4212564	4193431	4159667	4188554	0.64	cps
Molybdenum	95-1	2290837	2313305	2301377	2301839	0.49	cps
Molybdenum	96-1	2904018	2903526	2894686	2900743	0.18	cps
Molybdenum	97-1	1381685	1365422	1366246	1371118	0.67	cps
Neodymium	150-1	160	167	120	149	16.95	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	294575	296916	297206	296232	0.49	cps
Phosphorus	31-2	4634	4209	4584	4476	5.19	cps
Potassium	39-2	447342	445720	451670	448244	0.69	cps
Rhodium	103-1	6442014	6466053	6414785	6440951	0.40	cps
Rhodium	103-2	1757997	1760676	1614162	1710945	4.90	cps
Scandium	45-1	4017579	4071874	4031056	4040170	0.70	cps
Scandium	45-2	30036	30343	28877	29752	2.60	cps
Selenium	77-2	413	347	350	370	10.15	cps
Selenium	78-2	1326	1219	1345	1296	5.24	cps
Selenium	82-1	69833	70211	69792	69945	0.33	cps
Silicon	28-1	2475176	2495459	2512922	2494519	0.76	cps
Silver	109-1	5501790	5523484	5476102	5500459	0.43	cps
Silver	107-1	5706645	5678790	5707339	5697592	0.29	cps
Sodium	23-2	3784033	3780202	3807963	3790733	0.40	cps
Strontium	86-1	1482149	1459950	1480687	1474262	0.84	cps
Strontium	88-1	12736511	12530069	12591451	12619344	0.84	cps
Sulfur	34-1	670011	667319	663187	666839	0.52	cps
Terbium	159-1	8887839	8928559	8899382	8905260	0.24	cps
Terbium	159-2	1876011	1903914	1732445	1837456	5.01	cps
Thallium	203-1	3803711	3815058	3830422	3816397	0.35	cps
Thallium	205-1	8897397	8869094	8952684	8906392	0.48	cps
Tin	118-1	3763719	3770006	3758049	3763925	0.16	cps
Titanium	47-1	563256	567529	565308	565364	0.38	cps
Uranium	238-1	11230535	11365634	11175970	11257380	0.87	cps
Vanadium	51-2	334921	334565	340115	336534	0.92	cps
Yttrium	89-1	7638360	7499166	7493812	7543779	1.09	cps
Yttrium	89-2	221896	222690	205736	216774	4.41	cps
Zinc	66-2	151564	150041	153330	151645	1.09	cps
Zirconium	90-1	7805355	7845007	7852535	7834299	0.32	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	PB101635BS	Instrumnet Name :	P8
Client Sample ID :	PB101635BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:19:42	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1837548	1809327	1800644	1815840	1.06	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	233	200	228	11.18	cps
Antimony	121-1	30378	26193	23597	26723	12.80	cps
Arsenic	75-2	52	54	52	52	2.04	cps
Barium	135-1	66920	66919	66828	66889	0.08	cps
Barium	137-1	114509	116484	115704	115566	0.86	cps
Beryllium	9-1	189	189	256	211	18.23	cps
Bismuth	209-1	4899528	4959775	4948467	4935924	0.65	cps
Bismuth	209-2	1336781	1328833	1240863	1302159	4.09	cps
Boron	11-1	19664	19155	18638	19152	2.68	cps
Boron	10-1	4509	4026	4201	4245	5.77	cps
Cadmium	106-1	1208	1308	1317	1278	4.72	cps
Cadmium	108-1	42	33	33	36	13.33	cps
Cadmium	111-1	1163	1147	1136	1148	1.17	cps
Calcium	43-1	1677853	1688506	1696901	1687754	0.57	cps
Calcium	44-1	27043344	26952291	27181545	27059060	0.43	cps
Chromium	52-2	1240	1173	1177	1197	3.14	cps
Cobalt	59-2	147	100	103	117	22.31	cps
Copper	63-2	3284	3397	3350	3344	1.70	cps
Dysprosium	156-1	67	58	92	72	24.02	cps
Dysprosium	156-2	13	33	20	22	45.83	cps
Erbium	164-1	117	158	75	117	35.72	cps
Erbium	164-2	17	20	27	21	24.12	cps
Gadolinium	160-1	133	117	142	131	9.75	cps
Gadolinium	160-2	23	33	23	27	21.65	cps
Holmium	165-1	7986406	8077742	8094052	8052734	0.72	cps
Holmium	165-2	1764866	1742462	1600430	1702586	5.24	cps
Indium	115-1	6715625	6739712	6820394	6758577	0.81	cps
Indium	115-2	272417	271142	252387	265316	4.23	cps
Iron	56-2	30027	30389	29955	30124	0.77	cps
Iron	57-2	828	933	772	845	9.69	cps
Lead	206-1	1895	1550	1517	1654	12.65	cps
Lead	207-1	1550	1461	1245	1419	11.08	cps
Lead	208-1	7251	6495	6112	6619	8.76	cps
Lithium	6-1	1119769	1128618	1129200	1125862	0.47	cps
Magnesium	24-2	361536	356327	361529	359797	0.84	cps
Manganese	55-2	4321	4197	4374	4297	2.11	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1458	1800	1433	1564	13.10	cps
Molybdenum	94-1	1033	1333	1000	1122	16.36	cps
Molybdenum	95-1	850	642	892	795	16.86	cps
Molybdenum	96-1	1058	1183	892	1045	14.01	cps
Molybdenum	97-1	717	650	583	650	10.26	cps
Neodymium	150-1	73	93	100	89	15.61	cps
Neodymium	150-2	0	17	13	10	88.20	cps
Nickel	60-2	850	817	760	809	5.63	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	14675	13741	14516	14311	3.49	cps
Rhodium	103-1	5993645	5991426	6030763	6005278	0.37	cps
Rhodium	103-2	1605399	1576283	1513502	1565061	3.00	cps
Scandium	45-1	3779053	3755750	3802598	3779134	0.62	cps
Scandium	45-2	27203	27647	25313	26721	4.64	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-42	-13	-17	-24	-65.52	cps
Silicon	28-1	13137995	13254705	13172948	13188549	0.45	cps
Silver	109-1	3617	3342	2942	3301	10.29	cps
Silver	107-1	3692	3751	3401	3615	5.19	cps
Sodium	23-2	1739102	1759710	1736166	1744992	0.74	cps
Strontium	86-1	1536338	1506878	1518018	1520411	0.98	cps
Strontium	88-1	12958765	12864930	13114632	12979442	0.97	cps
Sulfur	34-1	435127	432294	432658	433359	0.36	cps
Terbium	159-1	8315281	8336072	8435774	8362376	0.77	cps
Terbium	159-2	1690955	1649899	1557699	1632851	4.18	cps
Thallium	203-1	725	458	450	544	28.73	cps
Thallium	205-1	1567	1158	892	1206	28.20	cps
Tin	118-1	13274	13040	12940	13085	1.31	cps
Titanium	47-1	575	925	808	770	23.18	cps
Uranium	238-1	11155	11322	12031	11503	4.04	cps
Vanadium	51-2	147	100	73	107	34.80	cps
Yttrium	89-1	6919357	6964726	6935144	6939743	0.33	cps
Yttrium	89-2	198741	194223	183182	192049	4.17	cps
Zinc	66-2	1380	1360	1620	1453	9.96	cps
Zirconium	90-1	2017	1950	1675	1881	9.63	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	508	400	461	12.03	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:25:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	192	192	172	19.56	cps
Antimony	121-1	15443	15752	16294	15829	2.72	cps
Arsenic	75-2	56	59	56	57	3.76	cps
Barium	135-1	69759	67908	69065	68911	1.36	cps
Barium	137-1	117638	118619	118200	118152	0.42	cps
Beryllium	9-1	200	200	167	189	10.19	cps
Bismuth	209-1	5005264	5074233	5032060	5037186	0.69	cps
Bismuth	209-2	1327965	1324383	1324422	1325590	0.16	cps
Boron	11-1	13716	13282	12956	13318	2.86	cps
Boron	10-1	2792	3259	2784	2945	9.23	cps
Cadmium	106-1	1167	1308	1250	1242	5.73	cps
Cadmium	108-1	25	8	4	13	88.19	cps
Cadmium	111-1	883	1002	939	941	6.34	cps
Calcium	43-1	1710127	1696454	1682443	1696341	0.82	cps
Calcium	44-1	27280890	26990744	27279847	27183827	0.62	cps
Chromium	52-2	1207	1217	1257	1227	2.16	cps
Cobalt	59-2	67	110	107	94	25.53	cps
Copper	63-2	3480	3224	3160	3288	5.15	cps
Dysprosium	156-1	67	42	92	67	37.50	cps
Dysprosium	156-2	10	13	23	16	44.60	cps
Erbium	164-1	83	92	50	75	29.40	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	100	100	42	81	41.81	cps
Gadolinium	160-2	27	13	17	19	36.75	cps
Holmium	165-1	8345358	8265753	8476736	8362616	1.27	cps
Holmium	165-2	1764797	1748191	1753532	1755507	0.48	cps
Indium	115-1	6731816	6769980	6803836	6768544	0.53	cps
Indium	115-2	264269	262836	264180	263762	0.30	cps
Iron	56-2	30350	29949	30334	30211	0.75	cps
Iron	57-2	711	694	739	715	3.14	cps
Lead	206-1	1178	1250	1183	1204	3.34	cps
Lead	207-1	1133	1028	1145	1102	5.84	cps
Lead	208-1	4801	4901	4778	4826	1.35	cps
Lithium	6-1	1175363	1180995	1173877	1176745	0.32	cps
Magnesium	24-2	362276	360104	360037	360806	0.35	cps
Manganese	55-2	4547	4394	4504	4482	1.76	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:25:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1325	1150	1167	1214	7.96	cps
Molybdenum	94-1	1000	850	883	911	8.64	cps
Molybdenum	95-1	558	525	550	544	3.19	cps
Molybdenum	96-1	808	867	867	847	3.97	cps
Molybdenum	97-1	408	417	350	392	9.27	cps
Neodymium	150-1	93	73	93	87	13.32	cps
Neodymium	150-2	7	10	20	12	56.76	cps
Nickel	60-2	647	573	597	606	6.19	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	14658	13649	13657	13988	4.15	cps
Rhodium	103-1	6092827	6125359	6050916	6089701	0.61	cps
Rhodium	103-2	1587762	1586664	1605787	1593404	0.67	cps
Scandium	45-1	3754856	3770550	3756626	3760677	0.23	cps
Scandium	45-2	27193	26682	27320	27065	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-17	4	-29	-14	-117.23	cps
Silicon	28-1	13229326	13139042	13215139	13194503	0.37	cps
Silver	109-1	2250	2059	1892	2067	8.68	cps
Silver	107-1	2409	2267	2092	2256	7.03	cps
Sodium	23-2	1751035	1774863	1778394	1768097	0.84	cps
Strontium	86-1	1526977	1521432	1531393	1526601	0.33	cps
Strontium	88-1	13202313	13293947	13149216	13215159	0.55	cps
Sulfur	34-1	446483	441250	444138	443957	0.59	cps
Terbium	159-1	8606653	8569785	8747053	8641164	1.08	cps
Terbium	159-2	1677360	1665623	1638993	1660658	1.18	cps
Thallium	203-1	175	150	133	153	13.73	cps
Thallium	205-1	458	400	450	436	7.23	cps
Tin	118-1	9537	9921	10146	9868	3.12	cps
Titanium	47-1	758	608	750	706	11.95	cps
Uranium	238-1	11756	12023	11247	11675	3.38	cps
Vanadium	51-2	70	103	127	100	28.48	cps
Yttrium	89-1	6981174	6969598	7064951	7005241	0.74	cps
Yttrium	89-2	192148	188873	192195	191072	1.00	cps
Zinc	66-2	1320	1377	1293	1330	3.20	cps
Zirconium	90-1	1500	1225	1475	1400	10.86	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01DUP	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:25:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	283	317	308	7.15	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 16:28:56	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	33	53	32.88	cps
Antimony	121-1	4551	4193	4218	4320	4.63	cps
Arsenic	75-2	9	4	13	9	53.95	cps
Barium	135-1	14100	13766	13941	13936	1.20	cps
Barium	137-1	23639	23764	24590	23998	2.16	cps
Beryllium	9-1	122	183	178	161	20.97	cps
Bismuth	209-1	5208707	5137796	5200229	5182244	0.75	cps
Bismuth	209-2	1463645	1461046	1444532	1456407	0.71	cps
Boron	11-1	6760	6335	6377	6491	3.61	cps
Boron	10-1	1692	1458	1400	1517	10.18	cps
Cadmium	106-1	1467	1242	1609	1439	12.85	cps
Cadmium	108-1	8	21	4	11	78.05	cps
Cadmium	111-1	1054	867	1140	1020	13.66	cps
Calcium	43-1	339282	341316	343971	341523	0.69	cps
Calcium	44-1	5617324	5660732	5665380	5647812	0.47	cps
Chromium	52-2	927	907	830	888	5.75	cps
Cobalt	59-2	40	47	53	47	14.28	cps
Copper	63-2	843	960	887	897	6.58	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	25	67	100	64	58.82	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	92	50	58	67	33.07	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	8523820	8531399	8509234	8521484	0.13	cps
Holmium	165-2	1924763	1909966	1880815	1905182	1.17	cps
Indium	115-1	7198875	7128865	7190694	7172811	0.53	cps
Indium	115-2	296797	297266	296261	296775	0.17	cps
Iron	56-2	7969	8091	7964	8008	0.90	cps
Iron	57-2	256	206	178	213	18.51	cps
Lead	206-1	656	594	683	644	7.06	cps
Lead	207-1	478	428	572	493	14.89	cps
Lead	208-1	2228	2300	2628	2385	8.94	cps
Lithium	6-1	1055350	1067396	1062842	1061863	0.57	cps
Magnesium	24-2	77101	76096	75693	76296	0.95	cps
Manganese	55-2	967	1057	990	1005	4.65	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 16:28:56	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	233	308	333	292	17.84	cps
Molybdenum	94-1	367	367	292	342	12.67	cps
Molybdenum	95-1	167	250	117	178	37.89	cps
Molybdenum	96-1	283	192	267	247	19.75	cps
Molybdenum	97-1	167	158	225	183	19.81	cps
Neodymium	150-1	40	13	33	29	48.05	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	267	310	203	260	20.63	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	5059	4951	4801	4937	2.63	cps
Rhodium	103-1	6593911	6563922	6645513	6601115	0.63	cps
Rhodium	103-2	1768987	1770561	1721685	1753744	1.58	cps
Scandium	45-1	4024743	3994061	4041475	4020093	0.60	cps
Scandium	45-2	28883	29725	29601	29403	1.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	0	3	124.95	cps
Selenium	82-1	-94	-44	-31	-57	-57.98	cps
Silicon	28-1	3089429	3085730	3081010	3085390	0.14	cps
Silver	109-1	900	1042	1008	983	7.53	cps
Silver	107-1	850	1008	925	928	8.54	cps
Sodium	23-2	356705	356189	354156	355683	0.38	cps
Strontium	86-1	307196	308907	308746	308283	0.31	cps
Strontium	88-1	2779228	2732976	2732696	2748300	0.97	cps
Sulfur	34-1	382642	382517	385158	383439	0.39	cps
Terbium	159-1	8728404	8915604	8915317	8853108	1.22	cps
Terbium	159-2	1834576	1840318	1824115	1833003	0.45	cps
Thallium	203-1	125	125	58	103	37.45	cps
Thallium	205-1	308	267	267	281	8.57	cps
Tin	118-1	2092	1784	1800	1892	9.17	cps
Titanium	47-1	283	333	242	286	16.04	cps
Uranium	238-1	2625	2550	2500	2559	2.46	cps
Vanadium	51-2	27	47	27	33	34.64	cps
Yttrium	89-1	7496672	7480727	7456085	7477828	0.27	cps
Yttrium	89-2	214706	213525	212151	213461	0.60	cps
Zinc	66-2	410	400	373	394	4.80	cps
Zirconium	90-1	708	592	733	678	11.16	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01LX5	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-17 16:28:56	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	117	175	139	22.72	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MS	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:32:04	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49462	50172	48484	49373	1.72	cps
Antimony	121-1	5180454	5205513	5158158	5181375	0.46	cps
Arsenic	75-2	52408	51129	52243	51927	1.34	cps
Barium	135-1	5137098	5168870	5089114	5131694	0.78	cps
Barium	137-1	8742508	8809963	8814233	8788901	0.46	cps
Beryllium	9-1	623724	622712	626556	624331	0.32	cps
Bismuth	209-1	4925328	4927502	4995353	4949394	0.80	cps
Bismuth	209-2	1256261	1280270	1294068	1276867	1.50	cps
Boron	11-1	295949	306196	312214	304786	2.70	cps
Boron	10-1	67116	68581	69008	68235	1.45	cps
Cadmium	106-1	110341	110173	111341	110618	0.57	cps
Cadmium	108-1	75196	76834	77040	76357	1.32	cps
Cadmium	111-1	1089655	1093024	1098749	1093809	0.42	cps
Calcium	43-1	2655340	2667320	2668017	2663559	0.27	cps
Calcium	44-1	42779646	42994452	43017961	42930686	0.31	cps
Chromium	52-2	440209	438793	440180	439727	0.18	cps
Cobalt	59-2	954843	953494	959568	955968	0.33	cps
Copper	63-2	1678839	1648396	1660695	1662643	0.92	cps
Dysprosium	156-1	133	192	175	167	18.03	cps
Dysprosium	156-2	20	37	7	21	71.19	cps
Erbium	164-1	4543	4684	4601	4609	1.55	cps
Erbium	164-2	747	860	780	796	7.32	cps
Gadolinium	160-1	542	475	583	533	10.25	cps
Gadolinium	160-2	83	97	90	90	7.41	cps
Holmium	165-1	8400278	8503950	8432753	8445660	0.63	cps
Holmium	165-2	1649782	1673307	1707409	1676833	1.73	cps
Indium	115-1	6544406	6565521	6584443	6564790	0.31	cps
Indium	115-2	246544	252652	251403	250200	1.29	cps
Iron	56-2	13645701	13650964	13516770	13604478	0.56	cps
Iron	57-2	338648	336886	339141	338225	0.35	cps
Lead	206-1	3038911	3132093	3132760	3101255	1.74	cps
Lead	207-1	2793899	2877800	2855817	2842506	1.53	cps
Lead	208-1	12416445	12683216	12697045	12598902	1.26	cps
Lithium	6-1	1134506	1155819	1170359	1153561	1.56	cps
Magnesium	24-2	1891882	1899785	1884639	1892102	0.40	cps
Manganese	55-2	219785	217076	219524	218795	0.68	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MS	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:32:04	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3339087	3352408	3339693	3343729	0.22	cps
Molybdenum	94-1	3937687	3897876	3893589	3909717	0.62	cps
Molybdenum	95-1	2081729	2100650	2117869	2100083	0.86	cps
Molybdenum	96-1	2661346	2685393	2690571	2679103	0.58	cps
Molybdenum	97-1	1250268	1242792	1253071	1248711	0.43	cps
Neodymium	150-1	213	273	173	220	22.88	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	282566	282000	283965	282844	0.36	cps
Phosphorus	31-2	17	17	25	19	24.73	cps
Potassium	39-2	392229	394790	397109	394709	0.62	cps
Rhodium	103-1	6038985	5979901	5987247	6002044	0.54	cps
Rhodium	103-2	1475350	1534241	1555398	1521663	2.73	cps
Scandium	45-1	3696223	3693870	3759830	3716641	1.01	cps
Scandium	45-2	26078	27126	27083	26762	2.22	cps
Selenium	77-2	327	347	337	337	2.97	cps
Selenium	78-2	1165	1076	1115	1119	3.98	cps
Selenium	82-1	65255	65565	65686	65502	0.34	cps
Silicon	28-1	14264415	14306982	14321914	14297770	0.21	cps
Silver	109-1	4995914	5037103	5010857	5014625	0.42	cps
Silver	107-1	5186149	5191350	5181698	5186399	0.09	cps
Sodium	23-2	5306766	5282733	5319482	5302994	0.35	cps
Strontium	86-1	1465698	1490054	1495332	1483695	1.07	cps
Strontium	88-1	12741195	12709733	12740044	12730324	0.14	cps
Sulfur	34-1	435195	435185	431445	433942	0.50	cps
Terbium	159-1	8525280	8561906	8707018	8598068	1.12	cps
Terbium	159-2	1554429	1595594	1596292	1582105	1.52	cps
Thallium	203-1	3897589	3947746	3946494	3930610	0.73	cps
Thallium	205-1	9057877	9293522	9222742	9191380	1.32	cps
Tin	118-1	3264951	3274715	3269984	3269884	0.15	cps
Titanium	47-1	508477	506957	505373	506936	0.31	cps
Uranium	238-1	11169837	11490780	11460185	11373601	1.56	cps
Vanadium	51-2	314813	315525	315256	315198	0.11	cps
Yttrium	89-1	6912228	6915532	6934543	6920767	0.17	cps
Yttrium	89-2	185738	188517	190195	188150	1.20	cps
Zinc	66-2	131681	130709	131052	131147	0.38	cps
Zirconium	90-1	7393906	7396188	7415434	7401842	0.16	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MS	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:32:04	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1712609	1700065	1674069	1695581	1.16	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : I4833-01MSD Instrumnet Name : P8
 Client Sample ID : SU17-MSW0310MSD Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 16:35:05 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51252	49721	50910	50628	1.59	cps
Antimony	121-1	5281425	5307867	5334438	5307910	0.50	cps
Arsenic	75-2	52270	53204	52609	52694	0.90	cps
Barium	135-1	5187555	5224644	5239988	5217396	0.52	cps
Barium	137-1	8765514	8919475	9034075	8906355	1.51	cps
Beryllium	9-1	633308	633671	634870	633950	0.13	cps
Bismuth	209-1	5028112	5013633	4957795	4999847	0.74	cps
Bismuth	209-2	1313175	1311211	1185715	1270034	5.75	cps
Boron	11-1	310913	317622	320164	316233	1.51	cps
Boron	10-1	66329	71168	72258	69919	4.51	cps
Cadmium	106-1	111047	113065	113440	112517	1.14	cps
Cadmium	108-1	75225	78615	77484	77108	2.24	cps
Cadmium	111-1	1105785	1115072	1115659	1112172	0.50	cps
Calcium	43-1	2704637	2735884	2708463	2716328	0.63	cps
Calcium	44-1	44104742	43923199	43910328	43979423	0.25	cps
Chromium	52-2	445618	445951	441831	444467	0.51	cps
Cobalt	59-2	964564	965007	960320	963297	0.27	cps
Copper	63-2	1675002	1685305	1655601	1671969	0.90	cps
Dysprosium	156-1	200	200	142	181	18.65	cps
Dysprosium	156-2	20	13	23	19	26.96	cps
Erbium	164-1	4551	4534	4518	4534	0.37	cps
Erbium	164-2	937	830	897	888	6.07	cps
Gadolinium	160-1	533	658	458	550	18.37	cps
Gadolinium	160-2	67	127	93	96	31.46	cps
Holmium	165-1	8380922	8426227	8407621	8404923	0.27	cps
Holmium	165-2	1763476	1757446	1526469	1682464	8.03	cps
Indium	115-1	6731780	6756369	6685478	6724542	0.54	cps
Indium	115-2	258440	259472	231987	249966	6.23	cps
Iron	56-2	13752963	13735599	13651728	13713430	0.39	cps
Iron	57-2	341966	344505	336746	341072	1.16	cps
Lead	206-1	3122972	3153576	3136993	3137847	0.49	cps
Lead	207-1	2872435	2891584	2818826	2860948	1.32	cps
Lead	208-1	12583952	12748137	12621124	12651071	0.68	cps
Lithium	6-1	1091737	1109026	1130476	1110413	1.75	cps
Magnesium	24-2	1826657	1844368	1813547	1828190	0.85	cps
Manganese	55-2	221487	222668	219265	221140	0.78	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MSD	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:35:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3338799	3400998	3408968	3382922	1.14	cps
Molybdenum	94-1	3979725	4017076	4025097	4007299	0.60	cps
Molybdenum	95-1	2131876	2154443	2163230	2149849	0.75	cps
Molybdenum	96-1	2688386	2721893	2759633	2723304	1.31	cps
Molybdenum	97-1	1264453	1274788	1278103	1272448	0.56	cps
Neodymium	150-1	273	247	207	242	13.85	cps
Neodymium	150-2	13	0	10	8	89.21	cps
Nickel	60-2	285674	286697	283251	285207	0.62	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	398370	401347	396015	398578	0.67	cps
Rhodium	103-1	6108145	6158235	6127912	6131431	0.41	cps
Rhodium	103-2	1603048	1586021	1379628	1522899	8.17	cps
Scandium	45-1	3828264	3780505	3806171	3804980	0.63	cps
Scandium	45-2	27357	27434	24291	26361	6.80	cps
Selenium	77-2	370	293	377	347	13.36	cps
Selenium	78-2	1209	1119	1187	1172	4.04	cps
Selenium	82-1	66635	67340	67465	67147	0.67	cps
Silicon	28-1	14781174	14655568	14862851	14766531	0.71	cps
Silver	109-1	5119024	5172500	5132839	5141455	0.54	cps
Silver	107-1	5291223	5287454	5335099	5304592	0.50	cps
Sodium	23-2	5321532	5352146	5301899	5325192	0.48	cps
Strontium	86-1	1545187	1557211	1547156	1549851	0.42	cps
Strontium	88-1	13102344	13176425	13102804	13127191	0.32	cps
Sulfur	34-1	430615	428919	433923	431152	0.59	cps
Terbium	159-1	8528370	8740079	8727499	8665316	1.37	cps
Terbium	159-2	1670976	1662831	1462173	1598660	7.40	cps
Thallium	203-1	3935743	3916839	3959713	3937432	0.55	cps
Thallium	205-1	9129292	9162172	9270828	9187431	0.81	cps
Tin	118-1	3374011	3383754	3363091	3373619	0.31	cps
Titanium	47-1	514479	518525	519898	517634	0.54	cps
Uranium	238-1	11498478	11729343	11496515	11574779	1.16	cps
Vanadium	51-2	318582	322322	320023	320309	0.59	cps
Yttrium	89-1	7110398	7099522	7039441	7083121	0.54	cps
Yttrium	89-2	195754	194331	173073	187719	6.77	cps
Zinc	66-2	133555	133757	132549	133287	0.49	cps
Zirconium	90-1	7532625	7536653	7519382	7529553	0.12	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01MSD	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:35:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1737543	1714178	1757241	1736321	1.24	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:38:06	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49939	50934	50984	50619	1.16	cps
Antimony	121-1	5304682	5353483	5383930	5347365	0.75	cps
Arsenic	75-2	52921	52096	52358	52458	0.80	cps
Barium	135-1	5245739	5226836	5305615	5259397	0.78	cps
Barium	137-1	8985011	8921437	9036965	8981138	0.64	cps
Beryllium	9-1	638475	637503	638017	637998	0.08	cps
Bismuth	209-1	4953605	4908857	4996604	4953022	0.89	cps
Bismuth	209-2	1296664	1234706	1288288	1273219	2.64	cps
Boron	11-1	315143	322799	328245	322062	2.04	cps
Boron	10-1	69912	70448	71193	70518	0.91	cps
Cadmium	106-1	111013	110567	111458	111013	0.40	cps
Cadmium	108-1	76637	77064	77119	76940	0.34	cps
Cadmium	111-1	1105412	1114069	1121133	1113538	0.71	cps
Calcium	43-1	2696772	2687522	2737346	2707213	0.98	cps
Calcium	44-1	43979607	43696009	43913700	43863105	0.34	cps
Chromium	52-2	452686	445309	444791	447595	0.99	cps
Cobalt	59-2	973056	967870	967578	969501	0.32	cps
Copper	63-2	1683854	1682073	1661054	1675660	0.76	cps
Dysprosium	156-1	208	167	175	183	12.02	cps
Dysprosium	156-2	27	40	30	32	21.53	cps
Erbium	164-1	4776	4518	4951	4748	4.59	cps
Erbium	164-2	923	990	913	942	4.42	cps
Gadolinium	160-1	533	508	475	506	5.79	cps
Gadolinium	160-2	93	110	57	87	31.48	cps
Holmium	165-1	8225834	8274843	8331219	8277299	0.64	cps
Holmium	165-2	1730275	1628767	1703634	1687558	3.12	cps
Indium	115-1	6573880	6653754	6630527	6619387	0.62	cps
Indium	115-2	256548	242430	252686	250554	2.91	cps
Iron	56-2	13895524	13626711	13626092	13716109	1.13	cps
Iron	57-2	344360	341064	341608	342344	0.52	cps
Lead	206-1	3160812	3155090	3176490	3164131	0.35	cps
Lead	207-1	2899784	2858409	2877219	2878471	0.72	cps
Lead	208-1	12788958	12645727	12697934	12710873	0.57	cps
Lithium	6-1	1123953	1105259	1137935	1122382	1.46	cps
Magnesium	24-2	1883846	1877427	1865094	1875456	0.51	cps
Manganese	55-2	223724	220999	221053	221926	0.70	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:38:06	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3413902	3406259	3443373	3421178	0.57	cps
Molybdenum	94-1	3956800	3983059	4028431	3989430	0.91	cps
Molybdenum	95-1	2109570	2140950	2183390	2144637	1.73	cps
Molybdenum	96-1	2726057	2744484	2785039	2751860	1.10	cps
Molybdenum	97-1	1264490	1283875	1293766	1280710	1.16	cps
Neodymium	150-1	213	167	193	191	12.25	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	289437	286680	286604	287574	0.56	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	403726	396636	399463	399942	0.89	cps
Rhodium	103-1	5937865	6026407	6052021	6005431	1.00	cps
Rhodium	103-2	1568284	1471412	1534799	1524831	3.23	cps
Scandium	45-1	3735487	3775506	3748397	3753130	0.54	cps
Scandium	45-2	27370	26372	26686	26809	1.90	cps
Selenium	77-2	417	323	340	360	13.83	cps
Selenium	78-2	1248	1169	1102	1173	6.25	cps
Selenium	82-1	67266	67158	67001	67141	0.20	cps
Silicon	28-1	14892814	14785330	14780214	14819453	0.43	cps
Silver	109-1	5075358	5091885	5086495	5084579	0.17	cps
Silver	107-1	5325193	5275422	5285769	5295461	0.50	cps
Sodium	23-2	5444205	5407390	5443913	5431836	0.39	cps
Strontium	86-1	1518830	1527911	1523359	1523367	0.30	cps
Strontium	88-1	13020447	13191746	13196158	13136117	0.76	cps
Sulfur	34-1	417811	418325	415886	417341	0.31	cps
Terbium	159-1	8580996	8522808	8675236	8593014	0.90	cps
Terbium	159-2	1671324	1570662	1581339	1607775	3.44	cps
Thallium	203-1	4001324	3955887	3975840	3977684	0.57	cps
Thallium	205-1	9288622	9249475	9298208	9278768	0.28	cps
Tin	118-1	3341078	3370825	3418987	3376963	1.16	cps
Titanium	47-1	516765	520555	520110	519144	0.40	cps
Uranium	238-1	11651695	11619430	11809632	11693586	0.87	cps
Vanadium	51-2	325568	320590	319458	321872	1.01	cps
Yttrium	89-1	6900869	6918529	6909605	6909668	0.13	cps
Yttrium	89-2	188521	180486	186819	185275	2.29	cps
Zinc	66-2	134303	131775	130237	132105	1.55	cps
Zirconium	90-1	7541419	7650248	7565498	7585721	0.75	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-01A	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0310A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:38:06	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1718753	1739441	1751783	1736659	0.96	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:41:05	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	433	442	436	1.10	cps
Antimony	121-1	17112	17879	17512	17501	2.19	cps
Arsenic	75-2	81	83	69	78	10.38	cps
Barium	135-1	49109	49970	50707	49929	1.60	cps
Barium	137-1	87196	86903	86332	86810	0.51	cps
Beryllium	9-1	328	328	389	348	10.14	cps
Bismuth	209-1	5068475	5023982	5043162	5045206	0.44	cps
Bismuth	209-2	1300186	1291099	1296248	1295844	0.35	cps
Boron	11-1	24305	22794	22936	23345	3.57	cps
Boron	10-1	5285	5318	4976	5193	3.63	cps
Cadmium	106-1	1367	1300	1283	1317	3.35	cps
Cadmium	108-1	50	54	33	46	24.06	cps
Cadmium	111-1	1309	1181	1150	1213	6.97	cps
Calcium	43-1	1409544	1413642	1401103	1408096	0.45	cps
Calcium	44-1	22815500	22859345	22645856	22773567	0.50	cps
Chromium	52-2	1780	1597	1593	1657	6.45	cps
Cobalt	59-2	327	243	293	288	14.58	cps
Copper	63-2	4001	3994	4014	4003	0.25	cps
Dysprosium	156-1	733	650	667	683	6.45	cps
Dysprosium	156-2	160	160	177	166	5.81	cps
Erbium	164-1	633	567	725	642	12.39	cps
Erbium	164-2	117	120	130	122	5.68	cps
Gadolinium	160-1	733	858	667	753	12.93	cps
Gadolinium	160-2	183	210	217	203	8.67	cps
Holmium	165-1	8149051	8260436	8262138	8223875	0.79	cps
Holmium	165-2	1685365	1674575	1697200	1685714	0.67	cps
Indium	115-1	6644636	6620329	6644411	6636459	0.21	cps
Indium	115-2	255410	255977	255152	255513	0.17	cps
Iron	56-2	80207	80320	78962	79830	0.94	cps
Iron	57-2	2061	1934	2000	1998	3.20	cps
Lead	206-1	2545	2495	2473	2504	1.48	cps
Lead	207-1	2300	2334	2178	2271	3.61	cps
Lead	208-1	10413	10441	10185	10346	1.36	cps
Lithium	6-1	1171347	1163896	1192030	1175758	1.24	cps
Magnesium	24-2	234513	232057	233250	233273	0.53	cps
Manganese	55-2	9407	9160	9223	9263	1.38	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:41:05	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1534	1734	1709	1659	6.57	cps
Molybdenum	94-1	1008	1183	1058	1083	8.32	cps
Molybdenum	95-1	900	867	733	833	10.58	cps
Molybdenum	96-1	1192	983	950	1042	12.57	cps
Molybdenum	97-1	483	492	533	503	5.33	cps
Neodymium	150-1	1113	1027	987	1042	6.21	cps
Neodymium	150-2	133	103	107	114	14.37	cps
Nickel	60-2	607	600	473	560	13.42	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	13791	13115	13332	13412	2.57	cps
Rhodium	103-1	6006411	6005837	6052969	6021739	0.45	cps
Rhodium	103-2	1530273	1554371	1583420	1556021	1.71	cps
Scandium	45-1	3661882	3652159	3622104	3645381	0.57	cps
Scandium	45-2	26338	25881	25553	25924	1.52	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-69	14	-13	-22	-189.25	cps
Silicon	28-1	13434748	13439113	13497014	13456958	0.26	cps
Silver	109-1	2242	2150	2159	2184	2.32	cps
Silver	107-1	2234	2242	2225	2234	0.37	cps
Sodium	23-2	502845	501021	492664	498843	1.09	cps
Strontium	86-1	1082367	1094965	1093043	1090125	0.62	cps
Strontium	88-1	9598765	9643236	9631708	9624570	0.24	cps
Sulfur	34-1	381256	382665	382405	382109	0.20	cps
Terbium	159-1	8494536	8386326	8443752	8441538	0.64	cps
Terbium	159-2	1561314	1596520	1562618	1573484	1.27	cps
Thallium	203-1	808	675	567	683	17.72	cps
Thallium	205-1	1667	1717	1433	1606	9.42	cps
Tin	118-1	37913	36576	34253	36247	5.11	cps
Titanium	47-1	1058	1225	1025	1103	9.72	cps
Uranium	238-1	11598	12081	11539	11739	2.53	cps
Vanadium	51-2	100	143	97	113	22.97	cps
Yttrium	89-1	6883662	6947963	6852600	6894742	0.71	cps
Yttrium	89-2	185368	185140	186086	185531	0.27	cps
Zinc	66-2	957	1113	1120	1063	8.69	cps
Zirconium	90-1	1508	1517	1725	1584	7.75	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:41:05	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	442	258	392	29.79	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:44:14	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	350	383	375	5.88	cps
Antimony	121-1	16027	16461	16469	16319	1.55	cps
Arsenic	75-2	78	70	78	75	5.68	cps
Barium	135-1	43573	42310	43121	43001	1.49	cps
Barium	137-1	75449	74963	76489	75633	1.03	cps
Beryllium	9-1	250	217	222	230	7.78	cps
Bismuth	209-1	4976611	5000503	4995219	4990777	0.25	cps
Bismuth	209-2	1293169	1279615	1289336	1287373	0.54	cps
Boron	11-1	15692	15968	16060	15907	1.20	cps
Boron	10-1	3292	3317	3509	3373	3.52	cps
Cadmium	106-1	1292	1150	1400	1281	9.79	cps
Cadmium	108-1	17	13	38	22	60.27	cps
Cadmium	111-1	1026	905	1083	1005	9.07	cps
Calcium	43-1	1271182	1294578	1303453	1289737	1.29	cps
Calcium	44-1	20785536	20685292	20720604	20730477	0.25	cps
Chromium	52-2	1253	1227	1187	1222	2.75	cps
Cobalt	59-2	237	210	260	236	10.62	cps
Copper	63-2	3494	3507	3931	3644	6.82	cps
Dysprosium	156-1	158	158	158	158	0.00	cps
Dysprosium	156-2	33	40	43	39	13.09	cps
Erbium	164-1	175	158	225	186	18.64	cps
Erbium	164-2	33	30	23	29	17.63	cps
Gadolinium	160-1	217	183	183	194	9.90	cps
Gadolinium	160-2	27	37	23	29	24.03	cps
Holmium	165-1	8142088	8236390	8177284	8185254	0.58	cps
Holmium	165-2	1679630	1653065	1645501	1659399	1.08	cps
Indium	115-1	6576401	6635073	6586109	6599194	0.48	cps
Indium	115-2	253489	252304	252537	252776	0.25	cps
Iron	56-2	54541	53246	53804	53864	1.21	cps
Iron	57-2	1367	1345	1306	1339	2.31	cps
Lead	206-1	1628	1772	1567	1656	6.38	cps
Lead	207-1	1533	1561	1506	1533	1.81	cps
Lead	208-1	6807	6934	6556	6766	2.84	cps
Lithium	6-1	1147398	1156904	1171320	1158541	1.04	cps
Magnesium	24-2	232522	229170	231500	231064	0.74	cps
Manganese	55-2	7839	7485	7662	7662	2.31	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:44:14	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1650	1375	1583	1536	9.34	cps
Molybdenum	94-1	983	892	933	936	4.90	cps
Molybdenum	95-1	792	767	725	761	4.42	cps
Molybdenum	96-1	1233	917	867	1006	19.78	cps
Molybdenum	97-1	492	492	442	475	6.08	cps
Neodymium	150-1	200	187	233	207	11.63	cps
Neodymium	150-2	23	17	20	20	16.65	cps
Nickel	60-2	253	230	323	269	18.06	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	11672	11864	11397	11644	2.02	cps
Rhodium	103-1	5931592	6006108	6006181	5981294	0.72	cps
Rhodium	103-2	1543967	1537617	1493619	1525067	1.80	cps
Scandium	45-1	3645759	3640760	3654650	3647056	0.19	cps
Scandium	45-2	25316	25513	25550	25460	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-12	-44	-7	-21	-94.08	cps
Silicon	28-1	11680271	11781793	11772971	11745012	0.48	cps
Silver	109-1	2025	2192	2067	2095	4.14	cps
Silver	107-1	1909	2325	2150	2128	9.83	cps
Sodium	23-2	408502	405183	405285	406323	0.46	cps
Strontium	86-1	1027823	1029762	1034547	1030711	0.34	cps
Strontium	88-1	9040060	9086732	9075134	9067309	0.27	cps
Sulfur	34-1	383591	379868	379429	380963	0.60	cps
Terbium	159-1	8404986	8479297	8495419	8459900	0.57	cps
Terbium	159-2	1554798	1536987	1547224	1546336	0.58	cps
Thallium	203-1	308	275	250	278	10.54	cps
Thallium	205-1	708	642	767	706	8.87	cps
Tin	118-1	23930	24340	23939	24070	0.97	cps
Titanium	47-1	950	1100	1017	1022	7.35	cps
Uranium	238-1	10547	10413	9996	10319	2.78	cps
Vanadium	51-2	153	110	133	132	16.40	cps
Yttrium	89-1	6776002	6743522	6815741	6778422	0.53	cps
Yttrium	89-2	184194	180525	180974	181898	1.10	cps
Zinc	66-2	863	1047	957	956	9.59	cps
Zirconium	90-1	1483	1350	1392	1408	4.84	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4833-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:44:14	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	308	492	361	31.51	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:47:23	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	442	433	439	1.10	cps
Antimony	121-1	11981	11889	13032	12301	5.16	cps
Arsenic	75-2	74	72	61	69	10.14	cps
Barium	135-1	11397	11856	12181	11811	3.34	cps
Barium	137-1	20158	20967	20417	20514	2.02	cps
Beryllium	9-1	211	222	256	230	10.07	cps
Bismuth	209-1	5093206	5138415	5059742	5097121	0.77	cps
Bismuth	209-2	1331929	1344185	1344094	1340070	0.53	cps
Boron	11-1	9946	9821	9595	9787	1.81	cps
Boron	10-1	2317	2459	2192	2323	5.75	cps
Cadmium	106-1	1175	1292	1283	1250	5.21	cps
Cadmium	108-1	21	25	17	21	19.99	cps
Cadmium	111-1	900	933	941	924	2.36	cps
Calcium	43-1	305552	304008	304375	304645	0.26	cps
Calcium	44-1	5018023	5072180	5005408	5031870	0.70	cps
Chromium	52-2	1147	1010	1053	1070	6.53	cps
Cobalt	59-2	410	413	423	416	1.67	cps
Copper	63-2	3661	3611	3624	3632	0.71	cps
Dysprosium	156-1	125	133	92	117	18.90	cps
Dysprosium	156-2	23	3	37	21	79.49	cps
Erbium	164-1	142	192	58	131	51.59	cps
Erbium	164-2	20	30	3	18	75.79	cps
Gadolinium	160-1	158	200	250	203	22.64	cps
Gadolinium	160-2	33	53	43	43	23.08	cps
Holmium	165-1	8280060	8099079	8175425	8184855	1.11	cps
Holmium	165-2	1672831	1705428	1719893	1699384	1.42	cps
Indium	115-1	6703510	6691057	6631103	6675223	0.58	cps
Indium	115-2	259434	262955	262905	261765	0.77	cps
Iron	56-2	97080	99083	98613	98259	1.07	cps
Iron	57-2	2523	2478	2139	2380	8.81	cps
Lead	206-1	1800	1533	1750	1695	8.37	cps
Lead	207-1	1433	1322	1539	1432	7.57	cps
Lead	208-1	6679	6201	6718	6532	4.41	cps
Lithium	6-1	1122368	1149324	1133023	1134905	1.20	cps
Magnesium	24-2	95302	95774	95268	95448	0.30	cps
Manganese	55-2	3641	3727	3657	3675	1.25	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:47:23	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	758	900	883	847	9.14	cps
Molybdenum	94-1	767	733	758	753	2.30	cps
Molybdenum	95-1	275	333	333	314	10.73	cps
Molybdenum	96-1	558	467	575	533	10.94	cps
Molybdenum	97-1	267	183	183	211	22.79	cps
Neodymium	150-1	100	127	100	109	14.14	cps
Neodymium	150-2	17	20	13	17	20.01	cps
Nickel	60-2	530	487	570	529	7.88	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	4768	4776	4809	4784	0.46	cps
Rhodium	103-1	6002961	6065067	5988779	6018936	0.67	cps
Rhodium	103-2	1587649	1587655	1610136	1595147	0.81	cps
Scandium	45-1	3648860	3623538	3591997	3621465	0.79	cps
Scandium	45-2	26452	27617	26622	26897	2.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	7	5	43.39	cps
Selenium	82-1	-36	93	-52	1	5906.77	cps
Silicon	28-1	919049	912025	897412	909495	1.21	cps
Silver	109-1	1392	1358	1508	1420	5.55	cps
Silver	107-1	1575	1517	1775	1622	8.35	cps
Sodium	23-2	72008	75334	75601	74314	2.69	cps
Strontium	86-1	309045	309108	309664	309272	0.11	cps
Strontium	88-1	2802574	2764959	2781510	2783014	0.68	cps
Sulfur	34-1	342612	342960	345267	343613	0.42	cps
Terbium	159-1	8500429	8507392	8377453	8461758	0.86	cps
Terbium	159-2	1614494	1622205	1614360	1617020	0.28	cps
Thallium	203-1	83	200	167	150	40.06	cps
Thallium	205-1	350	450	417	406	12.56	cps
Tin	118-1	15001	15785	16461	15749	4.64	cps
Titanium	47-1	417	658	758	611	28.75	cps
Uranium	238-1	1401	842	942	1062	28.11	cps
Vanadium	51-2	163	163	203	177	13.07	cps
Yttrium	89-1	6778704	6796838	6758884	6778142	0.28	cps
Yttrium	89-2	188180	187407	189136	188241	0.46	cps
Zinc	66-2	1127	1083	1033	1081	4.32	cps
Zirconium	90-1	1600	1433	1592	1542	6.09	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:47:23	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	408	258	317	25.38	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:50:31	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292763	288691	290610	290688	0.70	cps
Antimony	121-1	4984837	5023587	5136521	5048315	1.56	cps
Arsenic	75-2	54325	54020	54278	54208	0.30	cps
Barium	135-1	5690720	5622608	5700117	5671148	0.75	cps
Barium	137-1	9712048	9643374	9801098	9718840	0.81	cps
Beryllium	9-1	652418	651766	652546	652244	0.06	cps
Bismuth	209-1	5173349	5078800	5198735	5150294	1.23	cps
Bismuth	209-2	1417665	1415691	1424867	1419408	0.34	cps
Boron	11-1	338268	348441	354989	347233	2.43	cps
Boron	10-1	75239	76303	76956	76166	1.14	cps
Cadmium	106-1	117180	115954	118559	117231	1.11	cps
Cadmium	108-1	79289	79365	79894	79516	0.41	cps
Cadmium	111-1	1129372	1137644	1144258	1137091	0.66	cps
Calcium	43-1	5448819	5446413	5429051	5441428	0.20	cps
Calcium	44-1	87964867	88301406	88838446	88368239	0.50	cps
Chromium	52-2	448659	452217	450230	450369	0.40	cps
Cobalt	59-2	973269	974797	974074	974046	0.08	cps
Copper	63-2	1739838	1713789	1731604	1728411	0.77	cps
Dysprosium	156-1	133	208	233	192	27.15	cps
Dysprosium	156-2	53	23	40	39	38.65	cps
Erbium	164-1	75	117	75	89	27.07	cps
Erbium	164-2	30	17	30	26	30.11	cps
Gadolinium	160-1	175	167	192	178	7.16	cps
Gadolinium	160-2	40	20	43	34	36.64	cps
Holmium	165-1	8821314	8775774	8841609	8812899	0.38	cps
Holmium	165-2	1929066	1950790	1937145	1939000	0.57	cps
Indium	115-1	6946408	6983686	6953421	6961172	0.28	cps
Indium	115-2	283954	282910	286917	284594	0.73	cps
Iron	56-2	73664418	73014579	73229241	73302746	0.45	cps
Iron	57-2	1887161	1839514	1851774	1859483	1.33	cps
Lead	206-1	3188924	3187494	3218836	3198418	0.55	cps
Lead	207-1	2912659	2925559	3004990	2947736	1.70	cps
Lead	208-1	12876314	12902271	13083528	12954038	0.87	cps
Lithium	6-1	996982	1007659	983703	996115	1.20	cps
Magnesium	24-2	7416654	7423221	7360017	7399964	0.47	cps
Manganese	55-2	241482	239345	239796	240208	0.47	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:50:31	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3724148	3729866	3810259	3754758	1.28	cps
Molybdenum	94-1	4306944	4280958	4316656	4301519	0.43	cps
Molybdenum	95-1	2315702	2375161	2358845	2349903	1.31	cps
Molybdenum	96-1	2972352	2962341	2986615	2973769	0.41	cps
Molybdenum	97-1	1429338	1424773	1455620	1436577	1.16	cps
Neodymium	150-1	367	333	407	369	9.95	cps
Neodymium	150-2	37	27	30	31	16.37	cps
Nickel	60-2	284624	285401	284781	284936	0.14	cps
Phosphorus	31-2	4276	4493	4634	4468	4.04	cps
Potassium	39-2	2191223	2196779	2191041	2193014	0.15	cps
Rhodium	103-1	6265544	6292095	6293763	6283801	0.25	cps
Rhodium	103-2	1691081	1668748	1659931	1673253	0.96	cps
Scandium	45-1	4013310	3995495	4001431	4003412	0.23	cps
Scandium	45-2	28633	29441	29595	29223	1.77	cps
Selenium	77-2	283	377	360	340	14.64	cps
Selenium	78-2	1289	1195	1287	1257	4.30	cps
Selenium	82-1	68434	68924	69556	68971	0.82	cps
Silicon	28-1	2470147	2545364	2511176	2508896	1.50	cps
Silver	109-1	5333384	5348796	5391704	5357961	0.56	cps
Silver	107-1	5581419	5489238	5592570	5554409	1.02	cps
Sodium	23-2	18452784	18346856	18436930	18412190	0.31	cps
Strontium	86-1	1526961	1543889	1529258	1533369	0.60	cps
Strontium	88-1	13176965	13069741	13155170	13133959	0.43	cps
Sulfur	34-1	676095	678648	675859	676867	0.23	cps
Terbium	159-1	9095002	9016123	9114810	9075311	0.58	cps
Terbium	159-2	1863010	1840711	1849812	1851178	0.61	cps
Thallium	203-1	3920164	3948771	3974458	3947798	0.69	cps
Thallium	205-1	9042803	9215062	9339619	9199161	1.62	cps
Tin	118-1	3799817	3793822	3849222	3814287	0.80	cps
Titanium	47-1	574486	574809	579240	576178	0.46	cps
Uranium	238-1	12197872	12245253	12338544	12260556	0.58	cps
Vanadium	51-2	335075	337890	331721	334895	0.92	cps
Yttrium	89-1	7476388	7467849	7449843	7464693	0.18	cps
Yttrium	89-2	212184	213106	214212	213167	0.48	cps
Zinc	66-2	147517	149468	147100	148028	0.85	cps
Zirconium	90-1	8004325	8034397	8070741	8036487	0.41	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:50:31	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1835719	1828194	1846217	1836710	0.49	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 16:53:28 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	0	0	0.00	cps
Antimony	121-1	3359	2900	3075	3112	7.44	cps
Arsenic	75-2	6	2	2	3	69.39	cps
Barium	135-1	42	17	25	28	45.82	cps
Barium	137-1	33	100	100	78	49.48	cps
Beryllium	9-1	294	350	200	281	26.94	cps
Bismuth	209-1	5054421	5165466	5064904	5094930	1.20	cps
Bismuth	209-2	1454424	1457973	1455350	1455916	0.13	cps
Boron	11-1	12439	12464	11589	12164	4.10	cps
Boron	10-1	3034	2734	2475	2748	10.17	cps
Cadmium	106-1	1308	1342	1425	1358	4.42	cps
Cadmium	108-1	29	25	13	22	39.04	cps
Cadmium	111-1	1021	1034	1097	1051	3.89	cps
Calcium	43-1	2167	2450	2209	2275	6.73	cps
Calcium	44-1	37660	36515	37626	37267	1.75	cps
Chromium	52-2	910	963	940	938	2.85	cps
Cobalt	59-2	7	40	20	22	75.49	cps
Copper	63-2	467	433	407	436	6.90	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	67	67	42	58	24.74	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	8453183	8454504	8423786	8443824	0.21	cps
Holmium	165-2	1913678	1917563	1910857	1914033	0.18	cps
Indium	115-1	7229279	7080263	7109930	7139824	1.10	cps
Indium	115-2	304933	302704	306322	304653	0.60	cps
Iron	56-2	2600	2511	2450	2521	2.99	cps
Iron	57-2	67	106	94	89	22.53	cps
Lead	206-1	739	744	661	715	6.52	cps
Lead	207-1	633	678	556	622	9.94	cps
Lead	208-1	2700	2656	2400	2585	6.26	cps
Lithium	6-1	1035327	1018664	1035252	1029748	0.93	cps
Magnesium	24-2	108	142	150	133	16.54	cps
Manganese	55-2	43	30	70	48	42.63	cps

LB Number : LB89575 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-17 16:53:28 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	350	292	400	347	15.62	cps
Molybdenum	94-1	517	425	525	489	11.35	cps
Molybdenum	95-1	258	108	225	197	39.94	cps
Molybdenum	96-1	425	383	233	347	29.03	cps
Molybdenum	97-1	225	192	183	200	11.02	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	73	100	53	76	30.99	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2467	2717	2709	2631	5.40	cps
Rhodium	103-1	6634270	6635531	6505078	6591626	1.14	cps
Rhodium	103-2	1796167	1780756	1786523	1787815	0.44	cps
Scandium	45-1	3998501	4099704	4005081	4034429	1.40	cps
Scandium	45-2	29695	29448	29595	29579	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-73	-9	6	-26	-163.63	cps
Silicon	28-1	354657	358148	355774	356193	0.50	cps
Silver	109-1	633	667	617	639	3.98	cps
Silver	107-1	958	767	783	836	12.70	cps
Sodium	23-2	5084	5159	4768	5004	4.16	cps
Strontium	86-1	858	975	867	900	7.23	cps
Strontium	88-1	483	367	292	381	25.38	cps
Sulfur	34-1	342537	343842	341997	342792	0.28	cps
Terbium	159-1	8776892	8748840	8708772	8744835	0.39	cps
Terbium	159-2	1850420	1862197	1854175	1855597	0.32	cps
Thallium	203-1	500	417	408	442	11.48	cps
Thallium	205-1	1058	892	933	961	9.03	cps
Tin	118-1	1709	1659	1442	1603	8.84	cps
Titanium	47-1	142	133	150	142	5.88	cps
Uranium	238-1	167	100	150	139	24.98	cps
Vanadium	51-2	10	7	20	12	56.76	cps
Yttrium	89-1	7497904	7493102	7384240	7458415	0.86	cps
Yttrium	89-2	216849	216775	217029	216884	0.06	cps
Zinc	66-2	137	137	143	139	2.77	cps
Zirconium	90-1	1108	1075	1033	1072	3.51	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:53:28	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	258	292	247	20.59	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:56:38	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2209	2067	2309	2195	5.53	cps
Antimony	121-1	43247	35239	33184	37223	14.28	cps
Arsenic	75-2	161	150	194	169	13.73	cps
Barium	135-1	19999	20475	19716	20063	1.91	cps
Barium	137-1	35198	35975	35992	35722	1.27	cps
Beryllium	9-1	311	239	300	283	13.72	cps
Bismuth	209-1	5096412	5058624	5153513	5102850	0.94	cps
Bismuth	209-2	1274906	1303040	1306044	1294663	1.33	cps
Boron	11-1	10704	10579	9987	10424	3.68	cps
Boron	10-1	2200	2534	2217	2317	8.11	cps
Cadmium	106-1	1183	1242	1333	1253	6.04	cps
Cadmium	108-1	33	33	38	35	6.93	cps
Cadmium	111-1	1418	1308	1491	1406	6.52	cps
Calcium	43-1	151198	151367	153153	151906	0.71	cps
Calcium	44-1	2539214	2601357	2574612	2571727	1.21	cps
Chromium	52-2	1944	1957	1820	1907	3.95	cps
Cobalt	59-2	20609	21350	21243	21067	1.90	cps
Copper	63-2	6552	6608	6698	6619	1.12	cps
Dysprosium	156-1	1058	1050	875	995	10.41	cps
Dysprosium	156-2	223	203	200	209	6.04	cps
Erbium	164-1	1000	925	875	933	6.74	cps
Erbium	164-2	123	183	113	140	27.04	cps
Gadolinium	160-1	842	900	967	903	6.93	cps
Gadolinium	160-2	273	300	273	282	5.46	cps
Holmium	165-1	8127770	8308326	8259126	8231741	1.13	cps
Holmium	165-2	1555511	1633357	1597795	1595554	2.44	cps
Indium	115-1	6658104	6684130	6606434	6649556	0.59	cps
Indium	115-2	245850	251485	251750	249695	1.33	cps
Iron	56-2	1689582	1658106	1666512	1671400	0.98	cps
Iron	57-2	41356	40264	40977	40866	1.36	cps
Lead	206-1	13641	13925	13585	13717	1.33	cps
Lead	207-1	11116	10833	11500	11150	3.00	cps
Lead	208-1	52204	52059	53485	52583	1.49	cps
Lithium	6-1	1185127	1209298	1217632	1204019	1.40	cps
Magnesium	24-2	24505	23929	23662	24032	1.79	cps
Manganese	55-2	525978	528490	525841	526769	0.28	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:56:38	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1967	1400	1525	1631	18.26	cps
Molybdenum	94-1	3226	3692	3292	3403	7.42	cps
Molybdenum	95-1	883	842	825	850	3.53	cps
Molybdenum	96-1	1375	1475	1567	1472	6.51	cps
Molybdenum	97-1	442	592	500	511	14.79	cps
Neodymium	150-1	1153	1267	1207	1209	4.69	cps
Neodymium	150-2	147	193	147	162	16.61	cps
Nickel	60-2	1490	1610	1533	1545	3.93	cps
Phosphorus	31-2	83	58	33	58	42.86	cps
Potassium	39-2	13249	13882	14183	13771	3.46	cps
Rhodium	103-1	5983684	6099715	6067130	6050176	0.99	cps
Rhodium	103-2	1477749	1573134	1540336	1530406	3.17	cps
Scandium	45-1	3636191	3655835	3671657	3654561	0.49	cps
Scandium	45-2	24431	25503	25517	25150	2.48	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	87	63	100	84	22.15	cps
Silicon	28-1	7668978	7679009	7585616	7644534	0.67	cps
Silver	109-1	3692	3151	3409	3417	7.93	cps
Silver	107-1	3751	3184	3326	3420	8.62	cps
Sodium	23-2	54874	56697	54020	55197	2.48	cps
Strontium	86-1	111193	111619	111385	111399	0.19	cps
Strontium	88-1	971343	977511	977650	975501	0.37	cps
Sulfur	34-1	314479	306502	304472	308484	1.71	cps
Terbium	159-1	8348100	8461111	8515017	8441409	1.01	cps
Terbium	159-2	1504975	1528188	1536931	1523365	1.08	cps
Thallium	203-1	608	500	350	486	26.69	cps
Thallium	205-1	1308	1017	1200	1175	12.55	cps
Tin	118-1	31722	30645	30285	30884	2.42	cps
Titanium	47-1	6243	6335	5918	6166	3.55	cps
Uranium	238-1	708	750	925	795	14.47	cps
Vanadium	51-2	747	687	763	732	5.51	cps
Yttrium	89-1	6740129	6840107	6708062	6762766	1.02	cps
Yttrium	89-2	176643	180229	179235	178702	1.04	cps
Zinc	66-2	2317	2390	2254	2320	2.95	cps
Zirconium	90-1	8011	8403	8645	8353	3.83	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:56:38	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1850	1934	1992	1925	3.70	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:59:46	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	17	39	49.48	cps
Antimony	121-1	18196	18088	18363	18216	0.76	cps
Arsenic	75-2	226	211	231	223	4.73	cps
Barium	135-1	29167	30937	29375	29826	3.24	cps
Barium	137-1	52154	52865	51502	52174	1.31	cps
Beryllium	9-1	233	217	178	209	13.62	cps
Bismuth	209-1	5124252	5184171	5084958	5131127	0.97	cps
Bismuth	209-2	1338210	1345236	1342205	1341884	0.26	cps
Boron	11-1	8853	9245	9362	9153	2.91	cps
Boron	10-1	2025	1909	2025	1986	3.39	cps
Cadmium	106-1	1175	1108	1217	1167	4.68	cps
Cadmium	108-1	0	21	13	11	94.37	cps
Cadmium	111-1	873	836	901	870	3.74	cps
Calcium	43-1	388243	395282	388500	390675	1.02	cps
Calcium	44-1	6473967	6544557	6360997	6459840	1.43	cps
Chromium	52-2	1050	973	1057	1027	4.51	cps
Cobalt	59-2	150	207	177	178	15.95	cps
Copper	63-2	2637	2644	2744	2675	2.23	cps
Dysprosium	156-1	33	33	8	25	57.75	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	67	17	42	42	60.00	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	58	42	100	67	45.07	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	8312636	8447921	8431208	8397255	0.88	cps
Holmium	165-2	1746755	1735555	1746445	1742918	0.37	cps
Indium	115-1	6690054	6843891	6628974	6720973	1.65	cps
Indium	115-2	263065	263481	263459	263335	0.09	cps
Iron	56-2	19319	18657	19614	19197	2.55	cps
Iron	57-2	528	517	417	487	12.57	cps
Lead	206-1	5179	4996	4690	4955	4.99	cps
Lead	207-1	4095	4184	3734	4004	5.95	cps
Lead	208-1	18811	19173	18261	18749	2.45	cps
Lithium	6-1	1117424	1132402	1114491	1121439	0.86	cps
Magnesium	24-2	395807	393810	393433	394350	0.32	cps
Manganese	55-2	4327	4434	4261	4341	2.01	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:59:46	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1200	1058	1267	1175	9.06	cps
Molybdenum	94-1	758	708	767	745	4.24	cps
Molybdenum	95-1	633	492	575	567	12.56	cps
Molybdenum	96-1	792	833	933	853	8.54	cps
Molybdenum	97-1	425	442	417	428	2.98	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	387	393	350	377	6.20	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	10630	11397	10921	10983	3.53	cps
Rhodium	103-1	6062399	6163081	6053469	6092983	1.00	cps
Rhodium	103-2	1612556	1576570	1601574	1596900	1.15	cps
Scandium	45-1	3654091	3773393	3689232	3705572	1.65	cps
Scandium	45-2	26762	26255	26746	26588	1.08	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	8	-105	-57	-51	-111.19	cps
Silicon	28-1	6227757	6248872	6185814	6220814	0.52	cps
Silver	109-1	1600	1892	1767	1753	8.35	cps
Silver	107-1	1900	1759	1959	1872	5.49	cps
Sodium	23-2	101770	103802	103079	102884	1.00	cps
Strontium	86-1	670490	685386	660354	672077	1.87	cps
Strontium	88-1	5900733	5962386	5802305	5888475	1.37	cps
Sulfur	34-1	474862	475484	469234	473194	0.73	cps
Terbium	159-1	8448906	8793688	8504015	8582203	2.16	cps
Terbium	159-2	1641043	1651769	1667674	1653495	0.81	cps
Thallium	203-1	150	142	150	147	3.27	cps
Thallium	205-1	342	283	317	314	9.32	cps
Tin	118-1	11222	12064	11005	11430	4.90	cps
Titanium	47-1	358	408	483	417	15.10	cps
Uranium	238-1	2617	2634	2759	2670	2.90	cps
Vanadium	51-2	47	80	73	67	26.46	cps
Yttrium	89-1	6811314	6986972	6792717	6863668	1.56	cps
Yttrium	89-2	191604	189991	191171	190922	0.44	cps
Zinc	66-2	957	843	977	926	7.77	cps
Zirconium	90-1	967	1125	900	997	11.59	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4835-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 16:59:46	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	225	192	200	11.02	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:02:54	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583	625	767	658	14.60	cps
Antimony	121-1	16962	16152	16728	16614	2.51	cps
Arsenic	75-2	233	228	226	229	1.68	cps
Barium	135-1	114022	114703	113937	114221	0.37	cps
Barium	137-1	200743	199508	200388	200213	0.32	cps
Beryllium	9-1	228	183	139	183	24.24	cps
Bismuth	209-1	5106008	5214635	5139448	5153364	1.08	cps
Bismuth	209-2	1331126	1325019	1331441	1329195	0.27	cps
Boron	11-1	22352	22936	23145	22811	1.80	cps
Boron	10-1	5201	5335	4976	5171	3.50	cps
Cadmium	106-1	1392	1317	1283	1331	4.17	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Cadmium	111-1	993	953	949	965	2.54	cps
Calcium	43-1	1828632	1858033	1798211	1828292	1.64	cps
Calcium	44-1	28988666	29406366	29027341	29140791	0.79	cps
Chromium	52-2	1310	1257	1250	1272	2.59	cps
Cobalt	59-2	1600	1593	1727	1640	4.58	cps
Copper	63-2	3527	3734	3717	3659	3.14	cps
Dysprosium	156-1	208	183	83	158	41.77	cps
Dysprosium	156-2	33	50	43	42	19.87	cps
Erbium	164-1	200	175	242	206	16.38	cps
Erbium	164-2	40	40	40	40	0.00	cps
Gadolinium	160-1	233	200	350	261	30.16	cps
Gadolinium	160-2	47	67	67	60	19.24	cps
Holmium	165-1	8346544	8360291	8458747	8388527	0.73	cps
Holmium	165-2	1711043	1717395	1707817	1712085	0.28	cps
Indium	115-1	6886612	6883715	6830080	6866802	0.46	cps
Indium	115-2	261031	257193	258681	258968	0.75	cps
Iron	56-2	1004919	995887	1001926	1000910	0.46	cps
Iron	57-2	25123	25908	26464	25832	2.61	cps
Lead	206-1	1800	1795	1772	1789	0.82	cps
Lead	207-1	1500	1545	1695	1580	6.45	cps
Lead	208-1	7357	7207	7312	7292	1.06	cps
Lithium	6-1	1129060	1148319	1127952	1135110	1.01	cps
Magnesium	24-2	255482	251655	251470	252869	0.90	cps
Manganese	55-2	770551	768373	769824	769583	0.14	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:02:54	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1367	1300	1675	1447	13.82	cps
Molybdenum	94-1	1183	1192	1392	1256	9.40	cps
Molybdenum	95-1	692	708	750	717	4.19	cps
Molybdenum	96-1	892	967	942	933	4.09	cps
Molybdenum	97-1	358	367	533	419	23.54	cps
Neodymium	150-1	180	220	220	207	11.17	cps
Neodymium	150-2	37	17	50	34	48.70	cps
Nickel	60-2	613	637	620	623	1.93	cps
Phosphorus	31-2	67	50	100	72	35.26	cps
Potassium	39-2	16761	16252	16869	16627	1.98	cps
Rhodium	103-1	6207899	6259678	6114908	6194161	1.18	cps
Rhodium	103-2	1581402	1572660	1557930	1570664	0.76	cps
Scandium	45-1	3747547	3780531	3711779	3746619	0.92	cps
Scandium	45-2	26889	26131	26368	26463	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	7	2	4	65.54	cps
Selenium	82-1	-9	-12	17	-1	-1277.49	cps
Silicon	28-1	17453547	17453568	17301629	17402915	0.50	cps
Silver	109-1	1567	1458	1267	1431	10.62	cps
Silver	107-1	1925	1784	1709	1806	6.09	cps
Sodium	23-2	162535	158448	158464	159815	1.47	cps
Strontium	86-1	1326656	1346286	1334723	1335888	0.74	cps
Strontium	88-1	11559749	11902736	11766312	11742932	1.47	cps
Sulfur	34-1	354735	358954	352780	355490	0.89	cps
Terbium	159-1	8575699	8792496	8790620	8719605	1.43	cps
Terbium	159-2	1637643	1614741	1610767	1621051	0.89	cps
Thallium	203-1	158	217	158	178	18.95	cps
Thallium	205-1	308	217	275	267	17.40	cps
Tin	118-1	10446	10855	10705	10669	1.94	cps
Titanium	47-1	3542	3384	3359	3428	2.90	cps
Uranium	238-1	6435	7027	7161	6874	5.62	cps
Vanadium	51-2	180	210	200	197	7.77	cps
Yttrium	89-1	6987712	7010559	7041601	7013290	0.39	cps
Yttrium	89-2	188322	185411	187427	187053	0.80	cps
Zinc	66-2	1310	1413	1567	1430	9.03	cps
Zirconium	90-1	2550	2450	2375	2459	3.57	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-01	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:02:54	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	558	617	558	578	5.83	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619-9004	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:06:03	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	667	808	720	10.76	cps
Antimony	121-1	19432	20992	20024	20149	3.91	cps
Arsenic	75-2	270	207	246	241	13.16	cps
Barium	135-1	86414	83505	86213	85377	1.90	cps
Barium	137-1	149682	150110	149798	149863	0.15	cps
Beryllium	9-1	194	183	178	185	4.58	cps
Bismuth	209-1	5111547	5149979	5102315	5121280	0.49	cps
Bismuth	209-2	1282756	1275807	1285002	1281188	0.37	cps
Boron	11-1	18755	18471	19180	18802	1.90	cps
Boron	10-1	4042	4151	4434	4209	4.81	cps
Cadmium	106-1	1258	1275	1058	1197	10.07	cps
Cadmium	108-1	8	17	25	17	50.01	cps
Cadmium	111-1	908	973	782	888	10.94	cps
Calcium	43-1	1740696	1730348	1735910	1735651	0.30	cps
Calcium	44-1	27613111	27805983	27899885	27772993	0.53	cps
Chromium	52-2	1170	1117	1303	1197	8.04	cps
Cobalt	59-2	1397	1367	1317	1360	2.97	cps
Copper	63-2	4621	4821	4638	4693	2.37	cps
Dysprosium	156-1	200	208	225	211	6.03	cps
Dysprosium	156-2	67	50	63	60	14.70	cps
Erbium	164-1	267	200	250	239	14.52	cps
Erbium	164-2	43	50	37	43	15.38	cps
Gadolinium	160-1	208	225	233	222	5.73	cps
Gadolinium	160-2	63	27	53	48	39.66	cps
Holmium	165-1	8161869	8384617	8365530	8304005	1.49	cps
Holmium	165-2	1644875	1623756	1621416	1630016	0.79	cps
Indium	115-1	6555667	6668885	6683125	6635893	1.05	cps
Indium	115-2	248286	247523	248410	248073	0.19	cps
Iron	56-2	852571	859177	850283	854010	0.54	cps
Iron	57-2	21478	20988	21389	21285	1.23	cps
Lead	206-1	1967	2017	1911	1965	2.69	cps
Lead	207-1	1722	1578	1606	1635	4.69	cps
Lead	208-1	7829	7807	7996	7877	1.31	cps
Lithium	6-1	1127760	1174589	1152915	1151755	2.03	cps
Magnesium	24-2	248045	242584	245897	245509	1.12	cps
Manganese	55-2	460707	460464	462496	461222	0.24	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619-9004	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:06:03	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1592	1742	1500	1611	7.57	cps
Molybdenum	94-1	1142	1092	1350	1195	11.47	cps
Molybdenum	95-1	950	942	925	939	1.36	cps
Molybdenum	96-1	1133	1117	1025	1092	5.34	cps
Molybdenum	97-1	492	517	525	511	3.39	cps
Neodymium	150-1	227	340	180	249	33.06	cps
Neodymium	150-2	37	13	23	24	47.91	cps
Nickel	60-2	530	647	547	574	10.98	cps
Phosphorus	31-2	83	50	83	72	26.65	cps
Potassium	39-2	13240	13615	13682	13513	1.76	cps
Rhodium	103-1	5882543	6055772	6025542	5987953	1.55	cps
Rhodium	103-2	1479881	1477920	1485278	1481027	0.26	cps
Scandium	45-1	3614751	3645296	3640477	3633508	0.45	cps
Scandium	45-2	25583	25373	24775	25244	1.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	11	0	6	99.97	cps
Selenium	82-1	-16	-35	-27	-26	-36.85	cps
Silicon	28-1	16765990	16813983	16646723	16742232	0.51	cps
Silver	109-1	1542	1600	1634	1592	2.92	cps
Silver	107-1	2092	1975	1750	1939	8.96	cps
Sodium	23-2	154767	151432	154438	153546	1.20	cps
Strontium	86-1	1295510	1303124	1302511	1300382	0.33	cps
Strontium	88-1	11350985	11525785	11511816	11462862	0.85	cps
Sulfur	34-1	341723	341071	338358	340384	0.52	cps
Terbium	159-1	8410294	8608981	8543301	8520859	1.19	cps
Terbium	159-2	1535511	1525518	1537767	1532932	0.43	cps
Thallium	203-1	50	142	133	108	46.79	cps
Thallium	205-1	233	408	283	308	29.23	cps
Tin	118-1	13240	13958	14917	14038	5.99	cps
Titanium	47-1	3709	3426	3367	3501	5.22	cps
Uranium	238-1	7069	7378	7603	7350	3.64	cps
Vanadium	51-2	210	250	167	209	19.95	cps
Yttrium	89-1	6765570	6845442	6790744	6800585	0.60	cps
Yttrium	89-2	180355	178712	178723	179263	0.53	cps
Zinc	66-2	1273	1183	1287	1248	4.50	cps
Zirconium	90-1	2042	1892	2000	1978	3.91	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-02	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0619-9004	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:06:03	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	442	692	558	22.54	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0620	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:09:11	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	533	342	444	21.73	cps
Antimony	121-1	19924	19298	19766	19662	1.65	cps
Arsenic	75-2	157	133	115	135	15.80	cps
Barium	135-1	26386	26678	26018	26360	1.25	cps
Barium	137-1	45078	46734	46742	46185	2.08	cps
Beryllium	9-1	139	122	211	157	30.02	cps
Bismuth	209-1	4930939	5108826	5161979	5067248	2.39	cps
Bismuth	209-2	1265953	1272772	1281301	1273342	0.60	cps
Boron	11-1	11897	12256	11463	11872	3.34	cps
Boron	10-1	2675	2642	2650	2656	0.65	cps
Cadmium	106-1	1042	1367	1217	1208	13.46	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Cadmium	111-1	798	973	897	890	9.84	cps
Calcium	43-1	682422	674188	682344	679651	0.70	cps
Calcium	44-1	11258842	11215383	11166498	11213574	0.41	cps
Chromium	52-2	2640	2520	2607	2589	2.39	cps
Cobalt	59-2	530	497	513	513	3.25	cps
Copper	63-2	4688	4838	5011	4845	3.34	cps
Dysprosium	156-1	325	358	225	303	22.92	cps
Dysprosium	156-2	67	83	73	74	11.27	cps
Erbium	164-1	325	225	300	283	18.37	cps
Erbium	164-2	47	60	60	56	13.85	cps
Gadolinium	160-1	342	333	300	325	6.78	cps
Gadolinium	160-2	80	113	83	92	19.91	cps
Holmium	165-1	8012948	8376982	8332417	8240782	2.41	cps
Holmium	165-2	1566539	1632245	1643454	1614080	2.57	cps
Indium	115-1	6430634	6611760	6760334	6600910	2.50	cps
Indium	115-2	244570	247947	246876	246464	0.70	cps
Iron	56-2	218891	217464	219544	218633	0.49	cps
Iron	57-2	5535	5690	5607	5611	1.39	cps
Lead	206-1	3489	3306	3378	3391	2.72	cps
Lead	207-1	2967	3089	3150	3069	3.04	cps
Lead	208-1	13942	13659	13292	13631	2.39	cps
Lithium	6-1	1120450	1172765	1149124	1147446	2.28	cps
Magnesium	24-2	126685	123557	125349	125197	1.25	cps
Manganese	55-2	73469	71646	72172	72429	1.30	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0620	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:09:11	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2859	2567	2875	2767	6.27	cps
Molybdenum	94-1	1375	1725	1817	1639	14.22	cps
Molybdenum	95-1	1367	1734	1575	1558	11.80	cps
Molybdenum	96-1	1667	1834	1775	1759	4.81	cps
Molybdenum	97-1	958	833	775	856	10.95	cps
Neodymium	150-1	373	287	400	353	16.77	cps
Neodymium	150-2	50	73	43	56	28.36	cps
Nickel	60-2	1047	887	937	957	8.56	cps
Phosphorus	31-2	17	42	17	25	57.73	cps
Potassium	39-2	102203	101221	98082	100502	2.14	cps
Rhodium	103-1	5830775	5934770	6091899	5952482	2.21	cps
Rhodium	103-2	1481345	1534864	1516674	1510961	1.80	cps
Scandium	45-1	3521931	3580933	3685409	3596091	2.30	cps
Scandium	45-2	25006	24585	24939	24843	0.91	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	17	-45	-34	-21	-159.79	cps
Silicon	28-1	5828218	5741627	5803356	5791067	0.77	cps
Silver	109-1	1608	1450	1367	1475	8.32	cps
Silver	107-1	1550	1667	1734	1650	5.62	cps
Sodium	23-2	312930	312683	308566	311393	0.79	cps
Strontium	86-1	532956	531505	532295	532252	0.14	cps
Strontium	88-1	4719057	4761006	4699804	4726623	0.66	cps
Sulfur	34-1	335898	331872	329717	332495	0.94	cps
Terbium	159-1	8227144	8477078	8575920	8426714	2.13	cps
Terbium	159-2	1521888	1539712	1567808	1543136	1.50	cps
Thallium	203-1	75	83	83	81	5.97	cps
Thallium	205-1	233	250	167	217	20.35	cps
Tin	118-1	13132	13032	13215	13126	0.70	cps
Titanium	47-1	3311	1709	1742	2254	40.63	cps
Uranium	238-1	2642	2734	2884	2753	4.43	cps
Vanadium	51-2	230	183	210	208	11.27	cps
Yttrium	89-1	6482410	6797588	6753096	6677698	2.55	cps
Yttrium	89-2	178450	178438	179050	178646	0.20	cps
Zinc	66-2	1187	1347	1340	1291	7.01	cps
Zirconium	90-1	2150	2234	2417	2267	6.02	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	I4836-03	Instrumnet Name :	P8
Client Sample ID :	SU17-MSW0620	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:09:11	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	867	433	575	625	35.38	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:12:21	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281619	281227	288490	283779	1.44	cps
Antimony	121-1	4853450	4896249	4923209	4890969	0.72	cps
Arsenic	75-2	53592	52495	54072	53387	1.51	cps
Barium	135-1	5529907	5530406	5600743	5553685	0.73	cps
Barium	137-1	9454354	9518791	9636345	9536497	0.97	cps
Beryllium	9-1	643465	650854	648041	647453	0.58	cps
Bismuth	209-1	5006515	5049757	5113685	5056652	1.07	cps
Bismuth	209-2	1395173	1382477	1392386	1390012	0.48	cps
Boron	11-1	332134	342369	348946	341150	2.48	cps
Boron	10-1	73245	74401	77099	74915	2.64	cps
Cadmium	106-1	114416	114979	116954	115450	1.15	cps
Cadmium	108-1	76562	77705	78091	77453	1.03	cps
Cadmium	111-1	1114667	1127328	1124691	1122229	0.60	cps
Calcium	43-1	5322158	5432477	5386377	5380337	1.03	cps
Calcium	44-1	87027267	87952814	87990179	87656753	0.62	cps
Chromium	52-2	446247	446982	448655	447294	0.28	cps
Cobalt	59-2	962988	955060	965040	961029	0.55	cps
Copper	63-2	1707022	1696887	1746333	1716748	1.52	cps
Dysprosium	156-1	217	125	175	172	26.65	cps
Dysprosium	156-2	33	20	27	27	24.99	cps
Erbium	164-1	100	125	117	114	11.18	cps
Erbium	164-2	13	20	17	17	20.01	cps
Gadolinium	160-1	133	133	192	153	22.05	cps
Gadolinium	160-2	50	40	33	41	20.41	cps
Holmium	165-1	8650475	8760315	8756150	8722313	0.71	cps
Holmium	165-2	1901769	1895241	1891460	1896157	0.28	cps
Indium	115-1	6805926	6926612	6933271	6888603	1.04	cps
Indium	115-2	279654	278115	279792	279187	0.33	cps
Iron	56-2	72474963	71344960	72299818	72039914	0.84	cps
Iron	57-2	1842353	1816080	1850832	1836422	0.99	cps
Lead	206-1	3136599	3169050	3177694	3161114	0.69	cps
Lead	207-1	2875148	2881931	2898960	2885346	0.43	cps
Lead	208-1	12641024	12789938	12822746	12751236	0.76	cps
Lithium	6-1	985582	1013007	1005767	1001452	1.42	cps
Magnesium	24-2	7332506	7239794	7365418	7312573	0.89	cps
Manganese	55-2	238050	234711	238867	237209	0.93	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:12:21	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3700057	3718967	3674159	3697728	0.61	cps
Molybdenum	94-1	4230481	4220089	4287461	4246011	0.85	cps
Molybdenum	95-1	2345204	2342252	2370287	2352581	0.65	cps
Molybdenum	96-1	2941355	2941640	2975305	2952766	0.66	cps
Molybdenum	97-1	1417593	1418988	1434370	1423650	0.65	cps
Neodymium	150-1	353	293	260	302	15.65	cps
Neodymium	150-2	27	33	17	26	32.81	cps
Nickel	60-2	282960	281363	280449	281591	0.45	cps
Phosphorus	31-2	4493	4042	4318	4284	5.30	cps
Potassium	39-2	2156256	2148669	2152775	2152567	0.18	cps
Rhodium	103-1	6301536	6250133	6221893	6257854	0.65	cps
Rhodium	103-2	1655049	1625868	1631217	1637378	0.95	cps
Scandium	45-1	4012288	3973454	3979828	3988523	0.52	cps
Scandium	45-2	28362	29217	28947	28842	1.52	cps
Selenium	77-2	377	363	417	386	7.20	cps
Selenium	78-2	1141	1248	1163	1184	4.79	cps
Selenium	82-1	67966	68865	69000	68610	0.82	cps
Silicon	28-1	2420752	2466051	2507135	2464646	1.75	cps
Silver	109-1	5246509	5316712	5369686	5310969	1.16	cps
Silver	107-1	5444601	5425484	5558302	5476129	1.31	cps
Sodium	23-2	18222461	18141871	18339596	18234642	0.55	cps
Strontium	86-1	1509908	1516286	1495257	1507150	0.72	cps
Strontium	88-1	12915395	12956993	13055272	12975887	0.55	cps
Sulfur	34-1	673007	677468	670052	673509	0.55	cps
Terbium	159-1	8906544	8968418	9027610	8967524	0.68	cps
Terbium	159-2	1817369	1814206	1824517	1818697	0.29	cps
Thallium	203-1	3842962	3860316	3918305	3873861	1.02	cps
Thallium	205-1	9024147	9067535	9102883	9064855	0.44	cps
Tin	118-1	3723506	3777588	3773818	3758304	0.80	cps
Titanium	47-1	567178	575682	572326	571729	0.75	cps
Uranium	238-1	11812237	12038242	12074058	11974846	1.19	cps
Vanadium	51-2	329435	331374	329620	330143	0.32	cps
Yttrium	89-1	7404218	7445199	7459556	7436324	0.39	cps
Yttrium	89-2	212344	208654	210208	210402	0.88	cps
Zinc	66-2	145315	143951	146621	145296	0.92	cps
Zirconium	90-1	7928080	7918778	8055800	7967553	0.96	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:12:21	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1806992	1824728	1845930	1825883	1.07	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:15:19	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	42	25	66.68	cps
Antimony	121-1	3251	3334	2875	3153	7.75	cps
Arsenic	75-2	11	2	2	5	108.30	cps
Barium	135-1	58	17	42	39	53.93	cps
Barium	137-1	100	75	75	83	17.33	cps
Beryllium	9-1	267	189	172	209	24.09	cps
Bismuth	209-1	5011957	4976283	4931510	4973250	0.81	cps
Bismuth	209-2	1247546	1438911	1445717	1377391	8.17	cps
Boron	11-1	11188	9870	10071	10376	6.84	cps
Boron	10-1	2700	2200	2217	2373	11.97	cps
Cadmium	106-1	1434	1317	1367	1372	4.27	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Cadmium	111-1	1138	1035	1061	1078	4.95	cps
Calcium	43-1	1984	2050	1850	1961	5.19	cps
Calcium	44-1	37660	37259	37409	37443	0.54	cps
Chromium	52-2	850	907	837	864	4.30	cps
Cobalt	59-2	23	20	43	29	43.68	cps
Copper	63-2	447	450	383	427	8.80	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	100	42	58	67	45.07	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	8363313	8343298	8151648	8286086	1.41	cps
Holmium	165-2	1633057	1904105	1896290	1811151	8.52	cps
Indium	115-1	7031913	7039973	6893466	6988451	1.18	cps
Indium	115-2	257092	301660	299736	286163	8.80	cps
Iron	56-2	2350	2478	2567	2465	4.42	cps
Iron	57-2	61	94	44	67	38.19	cps
Lead	206-1	506	678	617	600	14.55	cps
Lead	207-1	500	539	633	557	12.30	cps
Lead	208-1	2295	2450	2428	2391	3.52	cps
Lithium	6-1	1007947	1023922	992616	1008161	1.55	cps
Magnesium	24-2	208	175	117	167	27.84	cps
Manganese	55-2	27	43	27	32	29.85	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:15:19	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	400	300	333	344	14.78	cps
Molybdenum	94-1	492	500	600	531	11.36	cps
Molybdenum	95-1	300	250	225	258	14.78	cps
Molybdenum	96-1	333	375	458	389	16.37	cps
Molybdenum	97-1	208	225	167	200	15.02	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	103	70	78	29.18	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2675	2784	2834	2764	2.93	cps
Rhodium	103-1	6481204	6498367	6319053	6432875	1.54	cps
Rhodium	103-2	1549934	1802605	1764235	1705591	7.98	cps
Scandium	45-1	3986605	3934028	3899308	3939980	1.12	cps
Scandium	45-2	25517	30046	29010	28191	8.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-40	-13	0	-18	-118.40	cps
Silicon	28-1	356051	349029	352494	352525	1.00	cps
Silver	109-1	667	517	692	625	15.14	cps
Silver	107-1	767	717	842	775	8.12	cps
Sodium	23-2	5293	4801	4876	4990	5.31	cps
Strontium	86-1	850	1033	1008	964	10.32	cps
Strontium	88-1	442	458	442	447	2.15	cps
Sulfur	34-1	346760	343380	348381	346173	0.74	cps
Terbium	159-1	8588566	8636382	8419100	8548016	1.34	cps
Terbium	159-2	1574197	1806962	1812902	1731354	7.86	cps
Thallium	203-1	350	233	317	300	20.03	cps
Thallium	205-1	892	783	708	795	11.60	cps
Tin	118-1	1525	1492	1559	1525	2.19	cps
Titanium	47-1	175	158	150	161	7.90	cps
Uranium	238-1	83	75	117	92	24.05	cps
Vanadium	51-2	7	3	33	14	113.83	cps
Yttrium	89-1	7298964	7309308	7163291	7257188	1.12	cps
Yttrium	89-2	186060	215598	215905	205854	8.33	cps
Zinc	66-2	113	97	117	109	9.84	cps
Zirconium	90-1	967	1075	1125	1056	7.67	cps

LB Number :	LB89575	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-08-17 17:15:19	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	225	217	250	20.28	cps