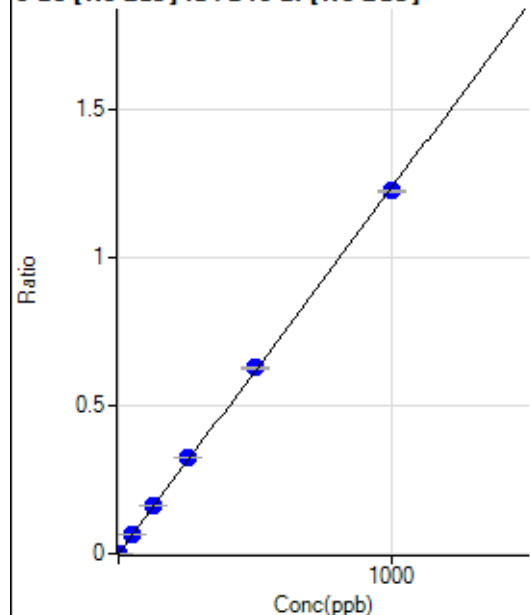


Batch Folder: D:\P8102717ICPMS.b\
Analysis File: P8102717ICPMS.batch.bin
DA Date-Time: 2017-10-27 22:39:08
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-10-27 19:47:06
2			
3	005CALS.d	S02	2017-10-27 19:54:02
4	006CALS.d	S03	2017-10-27 19:57:33
5	007CALS.d	S04	2017-10-27 20:01:04
6	008CALS.d	S05	2017-10-27 20:04:32
7	009CALS.d	S06	2017-10-27 20:07:53
8	010CALS.d	S07	2017-10-27 20:11:10
9	011CALS.d	S08	2017-10-27 20:14:24

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	270.38	0.0004	P	9.6
2	☐	0.100					
3	☐	1.000	0.823	990.81	0.0014	P	6.5
4	☐	50.000	53.307	47064.50	0.0662	P	1.4
5	☐	125.000	132.368	117444.20	0.1637	P	1.0
6	☐	250.000	260.950	233853.35	0.3224	P	0.4
7	☐	500.000	508.454	456161.42	0.6279	P	0.9
8	☐	1000.000	991.949	878636.32	1.2245	P	0.3
9	☐			411.13	0.0005	P	6.8

$$y = 0.0012 * x + 3.9352E-004$$

$$R = 0.9999$$

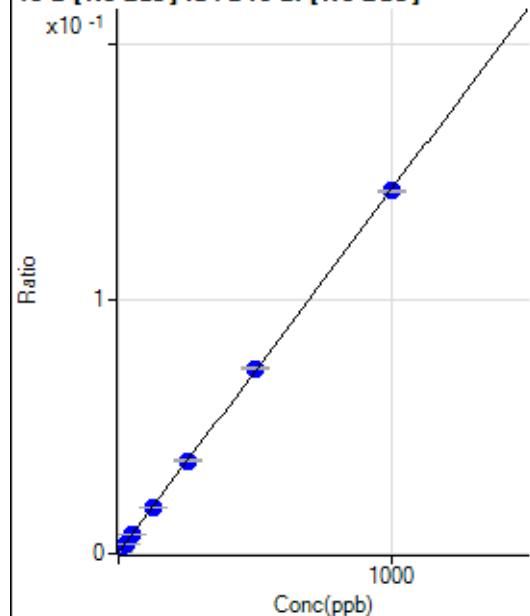
$$DL = 0.09205$$

$$BEC = 0.3189$$

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	322.24	0.0005	P	18.1
2	☐	2.500					
3	☐	25.000	21.228	2458.66	0.0035	P	1.1
4	☐	50.000	51.301	5537.40	0.0078	P	0.3
5	☐	125.000	125.642	13189.89	0.0184	P	1.0
6	☐	250.000	252.753	26489.25	0.0365	P	2.8
7	☐	500.000	506.382	52817.45	0.0727	P	1.0
8	☐	1000.000	996.070	102280.05	0.1425	P	0.8
9	☐			4084.11	0.0055	P	12.4

$$y = 1.4263E-004 * x + 4.6897E-004$$

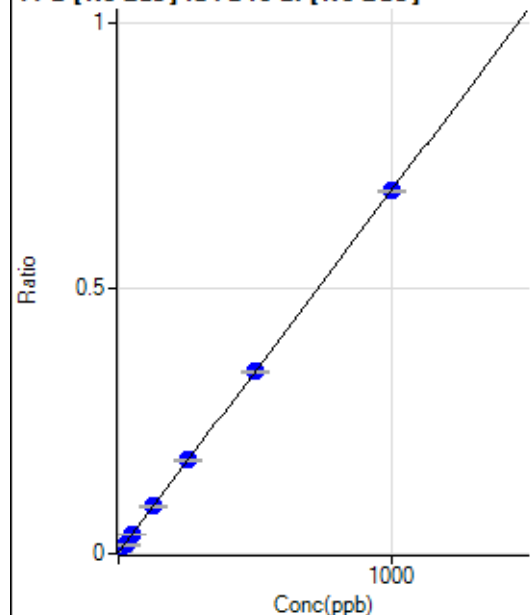
$$R = 1.0000$$

$$DL = 1.782$$

$$BEC = 3.288$$

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	1552.93	0.0023	P	10.7
2	☐	2.500					
3	☐	25.000	20.709	11518.95	0.0164	P	2.5
4	☐	50.000	48.270	25017.08	0.0352	P	2.9
5	☐	125.000	126.912	63697.57	0.0888	P	1.4
6	☐	250.000	254.988	127762.74	0.1762	P	2.6
7	☐	500.000	499.211	248995.25	0.3427	P	1.7
8	☐	1000.000	999.102	490524.40	0.6836	P	0.7
9	☐			20907.65	0.0279	P	12.0

$$y = 6.8196E-004 * x + 0.0023$$

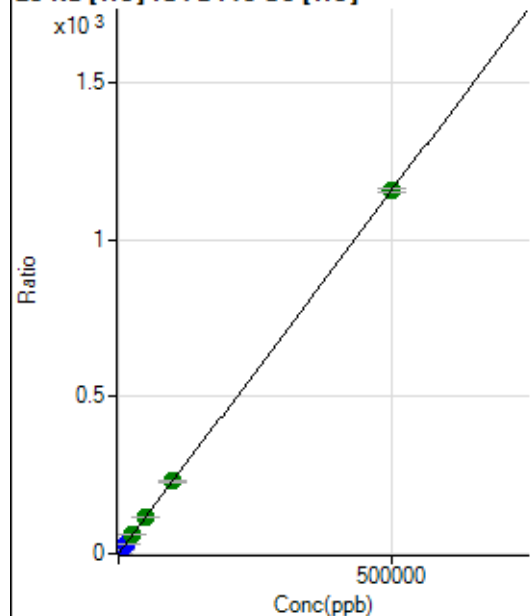
$$R = 1.0000$$

$$DL = 1.065$$

$$BEC = 3.315$$

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	5812.57	0.2553	P	4.8
2	☐	50.000					
3	☐	500.000	465.760	30842.74	1.3316	P	2.2
4	☐	5000.000	5176.373	289778.96	12.2168	P	1.5
5	☐	12500.000	13027.961	712700.13	30.3602	P	1.4
6	☐	25000.000	26329.384	1416567.47	61.0969	A	1.4
7	☐	50000.000	51451.688	2725760.19	119.1492	A	0.4
8	☐	100000.00	99741.769	5241183.97	230.7372	A	1.6
9	☐	500000.00	499825.08	26740579.42	1,155.243	A	1.0

$$y = 0.0023 * x + 0.2553$$

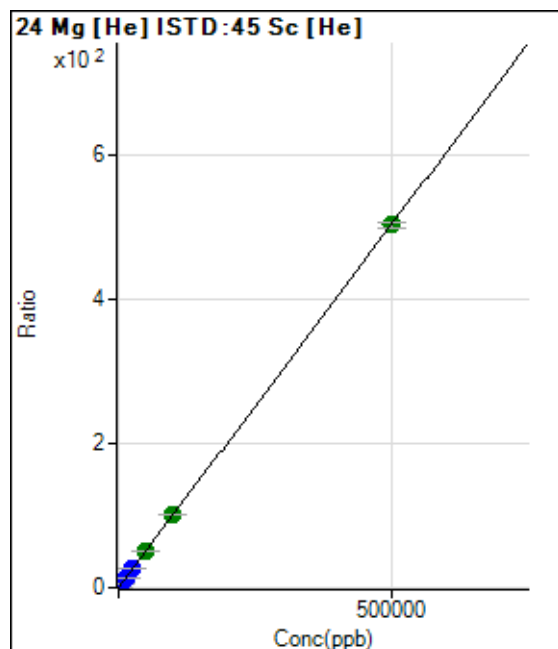
$$R = 1.0000$$

$$DL = 16.06$$

$$BEC = 110.5$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0041	P	13.2
2	☐	50.000					
3	☐	500.000	457.760	10793.40	0.4661	P	3.9
4	☐	5000.000	5153.259	123440.58	5.2041	P	1.5
5	☐	12500.000	13098.705	310354.55	13.2215	P	2.0
6	☐	25000.000	25880.287	605582.68	26.1189	P	1.4
7	☐	50000.000	51500.051	1188920.74	51.9708	A	0.1
8	☐	100000.00	101061.89	2316567.29	101.9817	A	1.4
9	☐	500000.00	499577.14	11668146.96	504.1076	A	1.6

$$y = 0.0010 * x + 0.0041$$

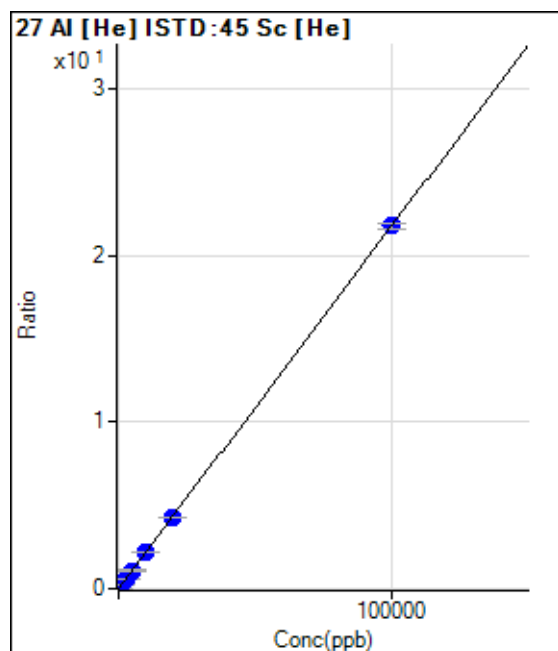
$$R = 1.0000$$

$$DL = 1.632$$

$$BEC = 4.109$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0005	P	173.2
2	☐	2.000					
3	☐	20.000	19.790	111.11	0.0048	P	9.0
4	☐	1000.000	1002.730	5181.73	0.2184	P	6.3
5	☐	2500.000	2512.562	12834.07	0.5466	P	2.5
6	☐	5000.000	5032.641	25373.59	1.0944	P	2.0
7	☐	10000.000	9955.354	49512.51	2.1644	P	2.0
8	☐	20000.000	19497.561	96284.32	4.2385	P	0.4
9	☐	100000.00	100102.97	503647.74	21.7588	P	1.3

$$y = 2.1736E-004 * x + 4.9603E-004$$

$$R = 1.0000$$

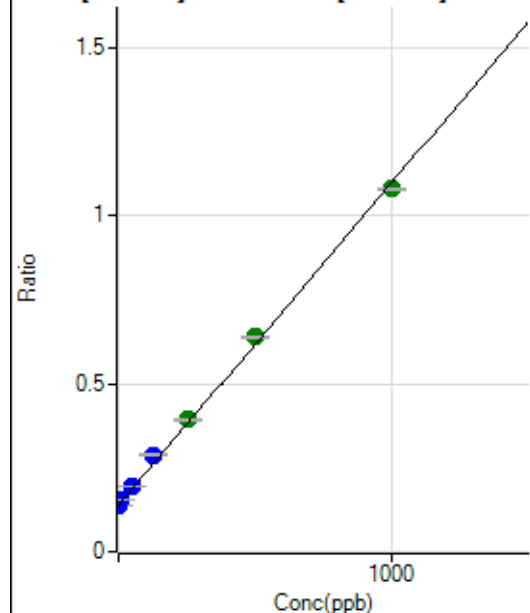
$$DL = 11.86$$

$$BEC = 2.282$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	378846.01	0.1388	P	1.3
2	☐	1.000					
3	☐	10.000	15.798	425139.17	0.1540	P	0.8
4	☐	50.000	59.090	551765.15	0.1955	P	0.5
5	☐	125.000	155.654	814740.60	0.2882	P	1.4
6	☐	250.000	266.240	1109964.86	0.3942	A	1.8
7	☐	500.000	520.752	1784028.71	0.6384	A	1.2
8	☐	1000.000	981.219	2950916.93	1.0802	A	0.5
9	☐			527660.41	0.1929	P	3.9

$$y = 9.5939\text{E-}004 * x + 0.1388$$

$$R = 0.9993$$

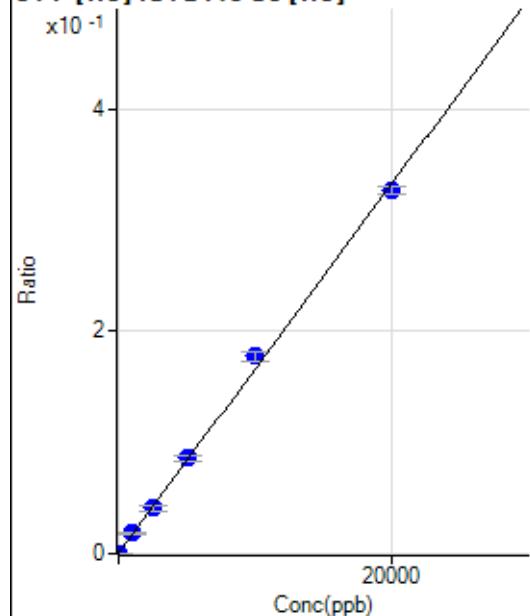
$$DL = 5.797$$

$$BEC = 144.7$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-10.689	2.78	0.0001	P	173.2
2	☐	0.000					
3	☐	0.000	10.689	11.11	0.0005	P	114.9
4	☐	1000.000	1094.863	438.91	0.0185	P	9.8
5	☐	2500.000	2435.731	958.41	0.0408	P	11.3
6	☐	5000.000	5138.657	1986.33	0.0857	P	6.7
7	☐	10000.000	10670.002	4061.87	0.1776	P	4.5
8	☐	20000.000	19633.625	7416.18	0.3265	P	2.1
9	☐			8.33	0.0004	P	100.7

$$y = 1.6614\text{E-}005 * x + 2.9973\text{E-}004$$

$$R = 0.9991$$

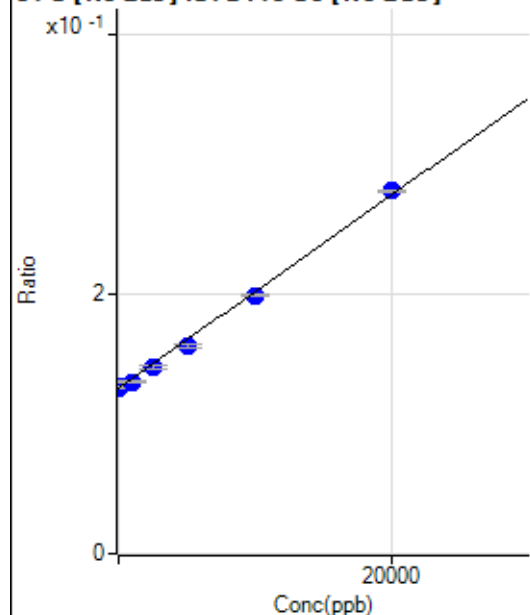
$$DL = 68.6$$

$$BEC = 18.04$$

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	-76.924	346155.98	0.1268	P	1.3
2	☐	0.000					
3	☐	0.000	76.924	353361.09	0.1280	P	1.4
4	☐	1000.000	641.949	373039.24	0.1322	P	0.4
5	☐	2500.000	2083.427	403993.65	0.1429	P	1.9
6	☐	5000.000	4415.949	451086.55	0.1602	P	1.6
7	☐	10000.000	9601.861	555382.48	0.1987	P	0.6
8	☐	20000.000	20415.056	762396.30	0.2791	P	0.4
9	☐			334440.78	0.1223	P	4.4

$$y = 7.4290E-006 * x + 0.1274$$

$$R = 0.9992$$

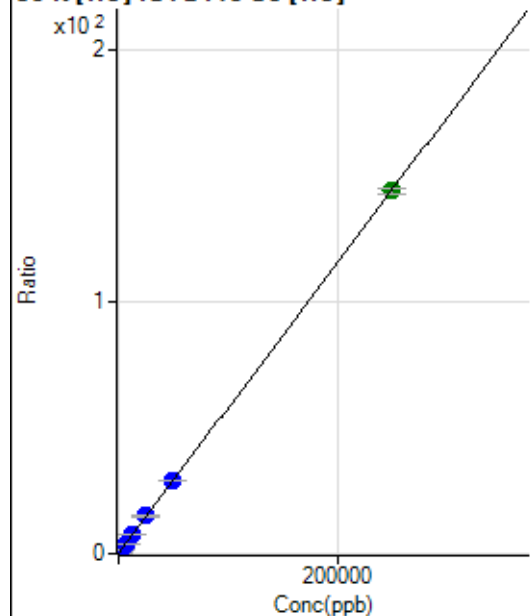
$$DL = 688.6$$

$$BEC = 1.715E+04$$

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	2472.57	0.1086	P	5.5
2	☐	50.000					
3	☐	500.000	469.663	8775.35	0.3789	P	5.1
4	☐	2500.000	2595.095	38005.31	1.6021	P	0.5
5	☐	6250.000	6459.015	89813.90	3.8260	P	1.6
6	☐	12500.000	12970.666	175600.67	7.5737	P	1.3
7	☐	25000.000	25756.894	341601.46	14.9326	P	0.9
8	☐	50000.000	50044.578	656718.86	28.9111	P	1.5
9	☐	250000.00	249885.74	3331424.51	143.9271	A	1.4

$$y = 5.7554E-004 * x + 0.1086$$

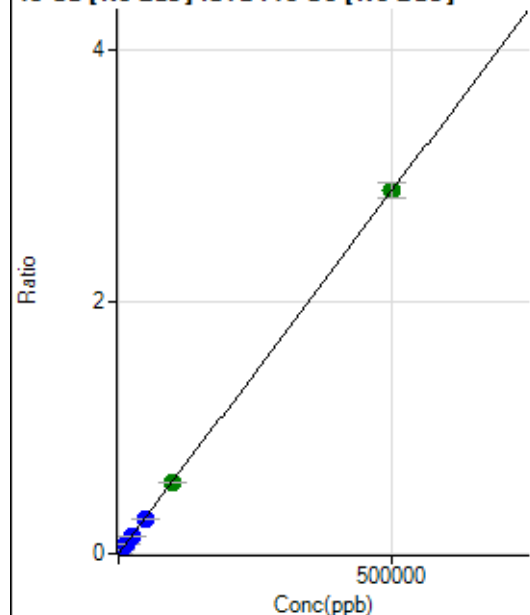
$$R = 1.0000$$

$$DL = 31.13$$

$$BEC = 188.6$$

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	1283.45	0.0005	P	7.5
2	☐	50.000					
3	☐	500.000	413.823	7866.45	0.0028	P	0.9
4	☐	5000.000	4986.703	82221.23	0.0291	P	1.8
5	☐	12500.000	12261.785	200628.92	0.0709	P	0.5
6	☐	25000.000	24488.411	397621.10	0.1412	P	1.4
7	☐	50000.000	48788.217	784972.64	0.2809	P	0.1
8	☐	100000.00	98722.288	1551415.38	0.5679	A	0.9
9	☐	500000.00	500408.47	7867066.32	2.8767	A	4.2

$$y = 5.7478\text{E-}006 * x + 4.7017\text{E-}004$$

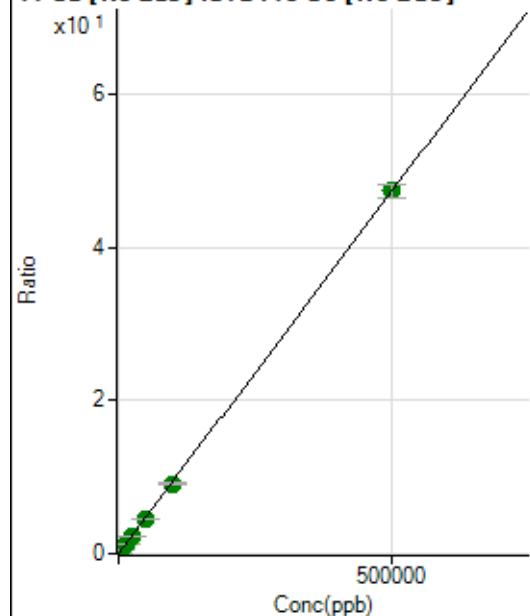
$$R = 1.0000$$

$$DL = 18.42$$

$$BEC = 81.8$$

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	12567.30	0.0046	P	3.5
2	☐	50.000					
3	☐	500.000	429.785	124792.67	0.0452	P	1.8
4	☐	5000.000	5006.372	1347538.48	0.4775	A	1.5
5	☐	12500.000	12262.989	3288231.15	1.1629	A	0.7
6	☐	25000.000	24248.956	6461736.65	2.2950	A	0.9
7	☐	50000.000	48093.753	12706993.86	4.5472	A	0.6
8	☐	100000.00	96287.859	24856848.47	9.0992	A	1.3
9	☐	500000.00	500976.53	129422261.2	47.3229	A	4.0

$$y = 9.4452\text{E-}005 * x + 0.0046$$

$$R = 1.0000$$

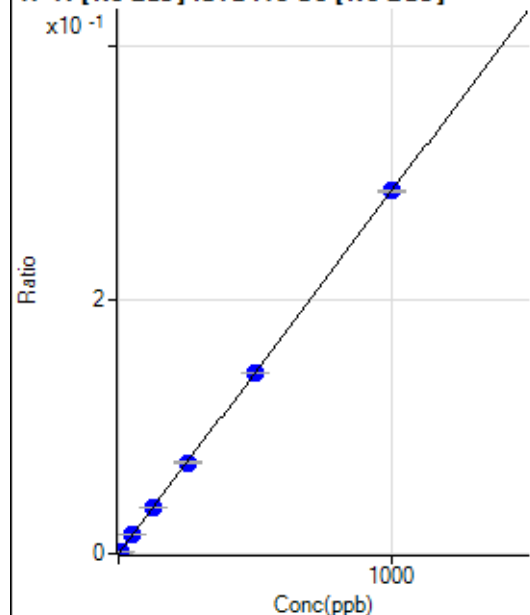
$$DL = 5.057$$

$$BEC = 48.75$$

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	100.00	0.0000	P	29.2
2	☐	0.500					
3	☐	5.000	4.482	3639.55	0.0013	P	5.8
4	☐	50.000	51.554	41702.02	0.0148	P	0.9
5	☐	125.000	125.855	101846.36	0.0360	P	2.1
6	☐	250.000	251.623	202653.53	0.0720	P	1.6
7	☐	500.000	497.746	397793.61	0.1423	P	0.8
8	☐	1000.000	1000.539	781593.61	0.2861	P	0.7
9	☐			741.72	0.0003	P	9.3

$$y = 2.8592\text{E-}004 * x + 3.6578\text{E-}005$$

$$R = 1.0000$$

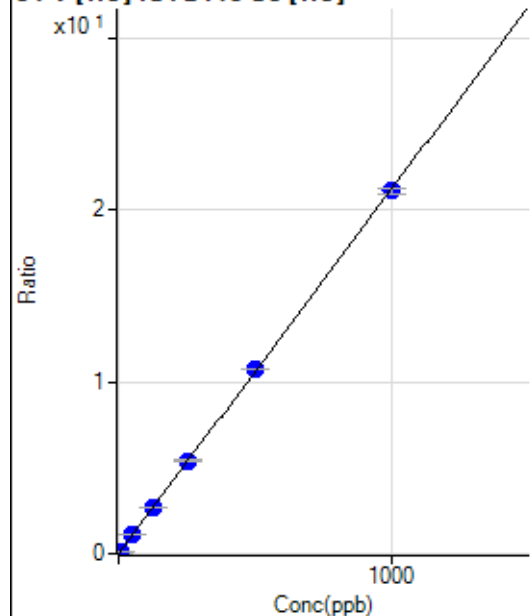
$$DL = 0.112$$

$$BEC = 0.1279$$

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	66.67	0.0029	P	6.1
2	☐	0.500					
3	☐	5.000	4.435	2249.11	0.0971	P	4.3
4	☐	50.000	51.416	25958.73	1.0944	P	2.0
5	☐	125.000	127.547	63633.75	2.7106	P	1.2
6	☐	250.000	255.110	125629.30	5.4187	P	1.9
7	☐	500.000	506.126	245861.78	10.7475	P	0.7
8	☐	1000.000	995.273	480013.62	21.1317	P	1.4
9	☐			183.34	0.0079	P	4.2

$$y = 0.0212 * x + 0.0029$$

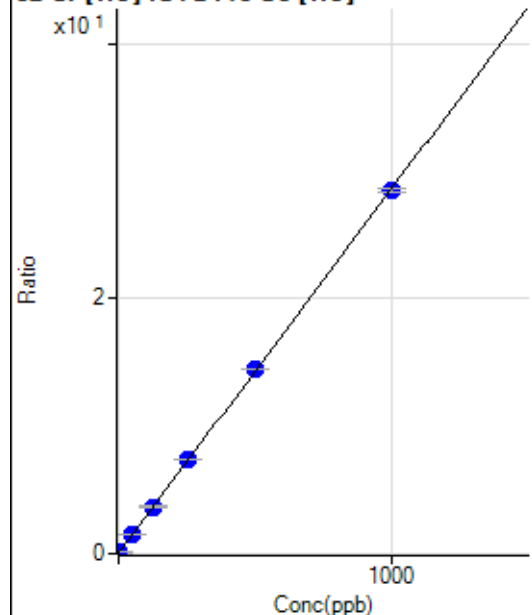
$$R = 1.0000$$

$$DL = 0.02539$$

$$BEC = 0.138$$

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	683.36	0.0300	P	6.8
2	☐	0.200					
3	☐	2.000	1.981	2007.96	0.0867	P	1.3
4	☐	50.000	51.684	35780.18	1.5084	P	1.1
5	☐	125.000	128.045	86685.10	3.6927	P	1.6
6	☐	250.000	257.512	171478.64	7.3961	P	1.6
7	☐	500.000	506.286	331983.21	14.5122	P	0.7
8	☐	1000.000	994.514	646890.22	28.4778	P	1.2
9	☐			9187.58	0.3969	P	1.1

$$y = 0.0286 * x + 0.0300$$

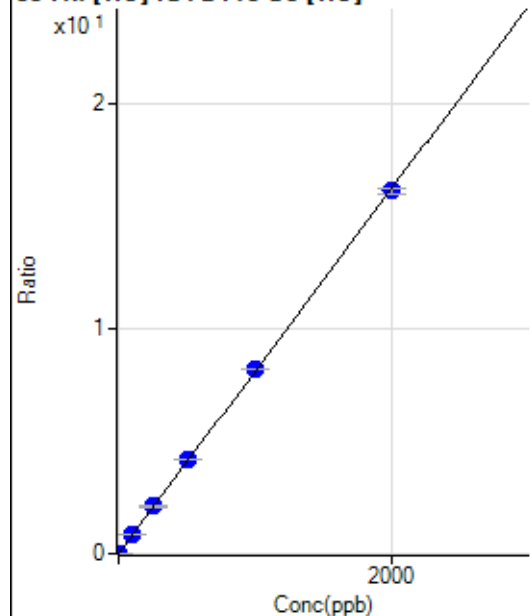
$$R = 0.9999$$

$$DL = 0.2147$$

$$BEC = 1.05$$

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	40.00	0.0018	P	7.4
2	☐	0.100					
3	☐	1.000	0.888	207.78	0.0090	P	3.7
4	☐	100.000	104.460	20171.48	0.8504	P	2.8
5	☐	250.000	259.535	49530.93	2.1101	P	2.1
6	☐	500.000	514.469	96943.42	4.1811	P	1.2
7	☐	1000.000	1012.756	188248.28	8.2291	P	0.8
8	☐	2000.000	1988.590	366992.89	16.1564	P	1.6
9	☐			1117.85	0.0483	P	7.2

$$y = 0.0081 * x + 0.0018$$

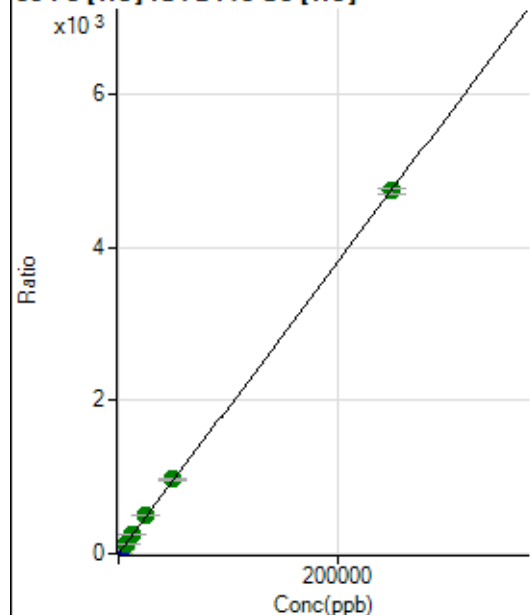
$$R = 0.9999$$

$$DL = 0.04799$$

$$BEC = 0.2161$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1079.71	0.0474	P	5.8
2	☐	5.000					
3	☐	50.000	49.064	22685.58	0.9795	P	3.3
4	☐	2500.000	2668.717	1203763.60	50.7463	P	0.7
5	☐	6250.000	6682.588	2981096.77	126.9998	A	2.0
6	☐	12500.000	13264.855	5844162.98	252.0463	A	0.7
7	☐	25000.000	26077.414	11334081.16	495.4528	A	0.9
8	☐	50000.000	51252.296	22118275.49	973.7124	A	1.4
9	☐	250000.00	249591.05	109750965.4	4,741.651	A	1.6

$$y = 0.0190 * x + 0.0474$$

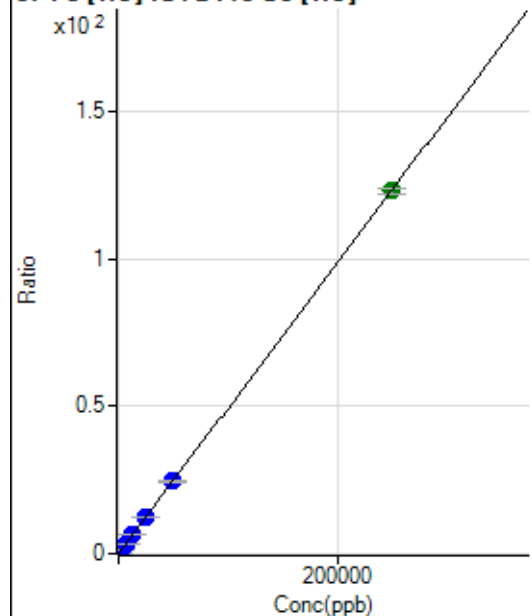
$$R = 1.0000$$

$$DL = 0.4302$$

$$BEC = 2.494$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29.63	0.0013	P	23.0
2	☐	5.000					
3	☐	50.000	46.976	566.69	0.0245	P	4.6
4	☐	2500.000	2583.923	30238.98	1.2748	P	1.8
5	☐	6250.000	6431.951	74448.29	3.1713	P	1.3
6	☐	12500.000	12872.185	147123.74	6.3454	P	1.4
7	☐	25000.000	25387.212	286262.85	12.5135	P	0.5
8	☐	50000.000	49788.450	557412.66	24.5398	P	1.8
9	☐	250000.00	249979.59	2851676.48	123.2051	A	1.7

$$y = 4.9286E-004 * x + 0.0013$$

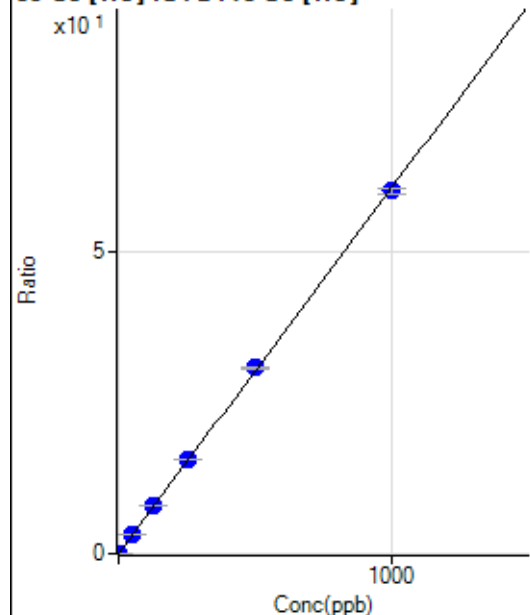
$$R = 1.0000$$

$$DL = 1.826$$

$$BEC = 2.646$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	278.90	0.0122	P	5.5
2	☐	0.100					
3	☐	1.000	0.995	1683.47	0.0727	P	4.4
4	☐	50.000	52.478	75865.25	3.1984	P	1.7
5	☐	125.000	129.983	185550.88	7.9042	P	1.6
6	☐	250.000	257.662	363011.78	15.6562	P	0.9
7	☐	500.000	509.539	707984.70	30.9489	P	1.0
8	☐	1000.000	992.568	1369202.06	60.2759	P	1.3
9	☐			1840.15	0.0795	P	3.8

$$y = 0.0607 * x + 0.0122$$

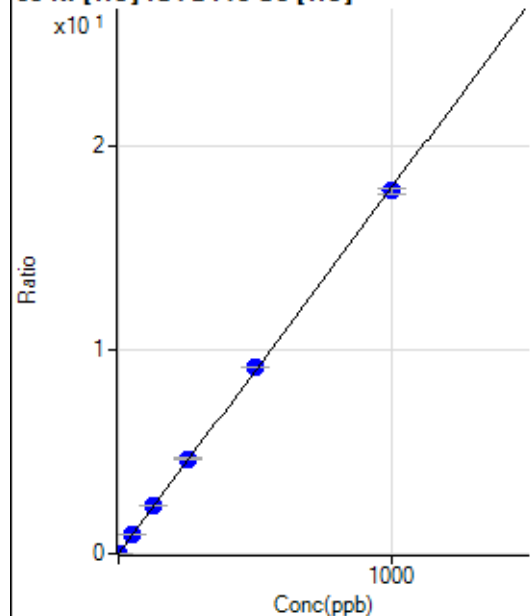
$$R = 0.9999$$

$$DL = 0.03332$$

$$BEC = 0.2016$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.34	0.0050	P	12.7
2	☐	0.100					
3	☐	1.000	0.887	483.35	0.0209	P	1.6
4	☐	50.000	52.345	22355.91	0.9425	P	2.0
5	☐	125.000	131.234	55301.70	2.3555	P	0.5
6	☐	250.000	259.758	107993.06	4.6576	P	1.0
7	☐	500.000	510.601	209333.29	9.1505	P	0.0
8	☐	1000.000	991.364	403462.12	17.7616	P	1.4
9	☐			4348.53	0.1878	P	1.3

$$y = 0.0179 * x + 0.0050$$

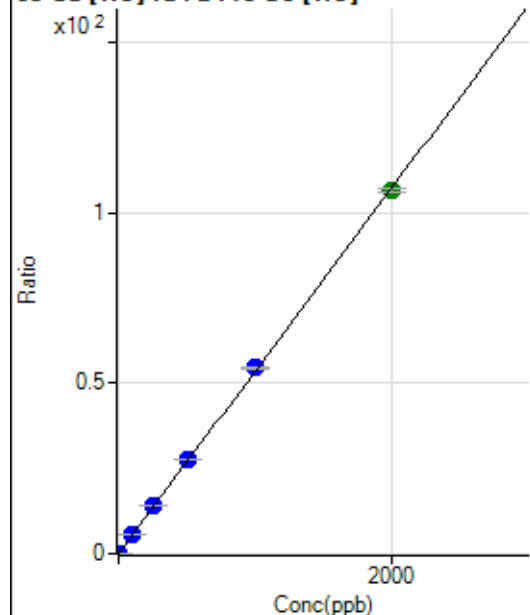
$$R = 0.9999$$

$$DL = 0.1055$$

$$BEC = 0.2776$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	235.56	0.0103	P	3.3
2	☐	0.200					
3	☐	2.000	1.899	2595.84	0.1121	P	4.1
4	☐	100.000	104.268	132738.65	5.5963	P	1.9
5	☐	250.000	259.452	326560.85	13.9100	P	0.7
6	☐	500.000	516.380	641645.26	27.6744	P	1.5
7	☐	1000.000	1016.449	1245948.85	54.4646	P	0.5
8	☐	2000.000	1986.286	2417479.43	106.4218	A	0.9
9	☐			3931.74	0.1698	P	0.2

$$y = 0.0536 * x + 0.0103$$

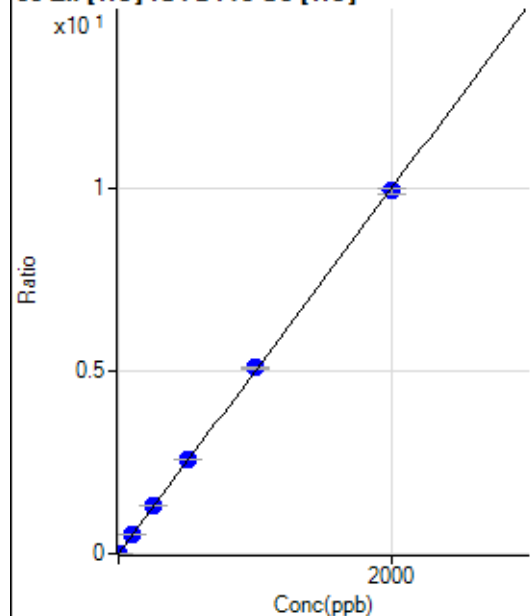
$$R = 0.9999$$

$$DL = 0.01883$$

$$BEC = 0.1931$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.56	0.0020	P	3.0
2	☐	0.200					
3	☐	2.000	1.871	263.34	0.0114	P	13.8
4	☐	100.000	107.213	12764.97	0.5382	P	3.8
5	☐	250.000	258.707	30425.75	1.2959	P	0.5
6	☐	500.000	515.050	59772.81	2.5780	P	1.5
7	☐	1000.000	1017.311	116442.60	5.0901	P	0.4
8	☐	2000.000	1986.133	225692.87	9.9357	P	1.3
9	☐			876.71	0.0379	P	2.3

$$y = 0.0050 * x + 0.0020$$

$$R = 0.9999$$

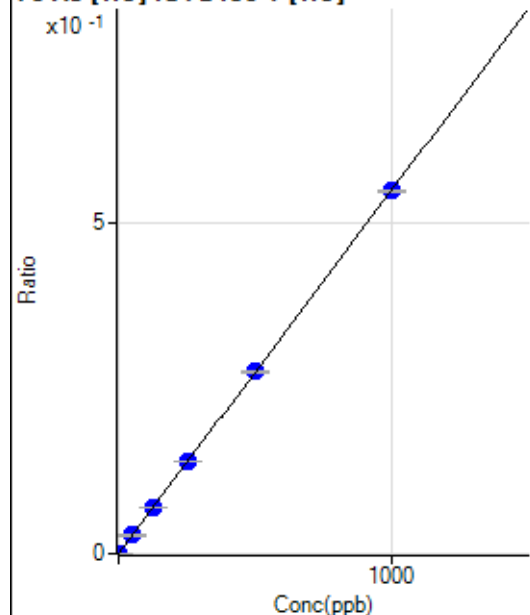
$$DL = 0.03608$$

$$BEC = 0.3998$$

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	11.73	0.0001	P	10.2
2	☐	0.100					
3	☐	1.000	0.989	101.85	0.0006	P	15.5
4	☐	50.000	50.758	4696.52	0.0279	P	3.6
5	☐	125.000	128.231	11679.70	0.0704	P	1.9
6	☐	250.000	251.933	22707.62	0.1383	P	0.2
7	☐	500.000	500.712	44676.84	0.2747	P	0.4
8	☐	1000.000	998.719	86901.63	0.5479	P	0.2
9	☐			46.30	0.0003	P	7.0

$$y = 5.4849\text{E-}004 * x + 7.1854\text{E-}005$$

$$R = 1.0000$$

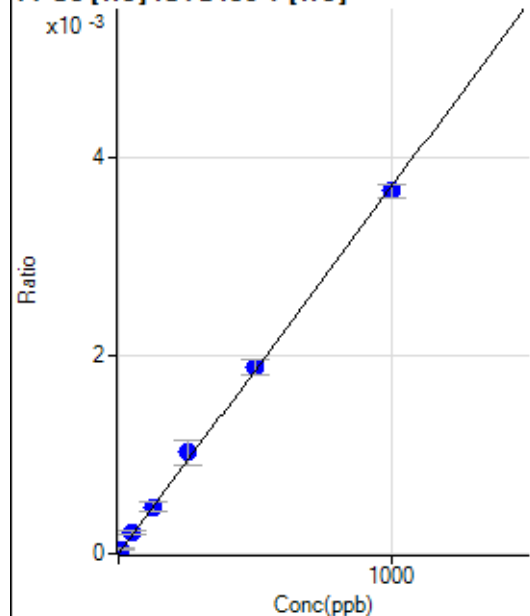
$$DL = 0.03997$$

$$BEC = 0.131$$

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	12.629	7.78	0.0000	P	65.0
4	☐	50.000	58.835	36.66	0.0002	P	16.7
5	☐	125.000	126.240	77.78	0.0005	P	20.6
6	☐	250.000	275.545	167.78	0.0010	P	23.6
7	☐	500.000	508.754	306.68	0.0019	P	8.2
8	☐	1000.000	988.602	581.14	0.0037	P	4.0
9	☐			1.11	0.0000	P	173.2

$$y = 3.7065\text{E-}006 * x + 0.0000\text{E+}000$$

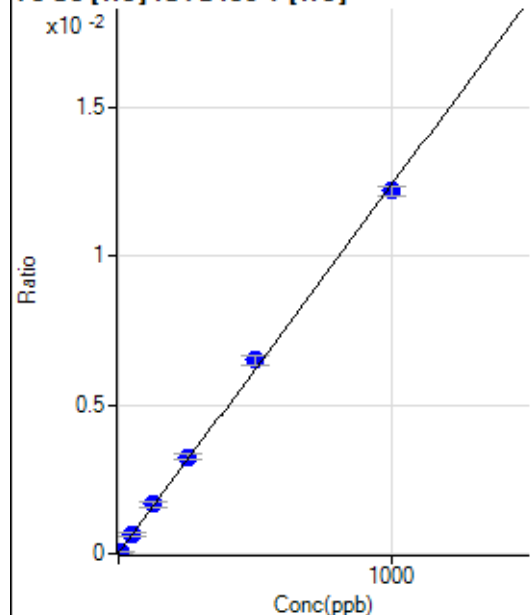
$$R = 0.9996$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.47	0.0000	P	44.4
2	☐	0.500					
3	☐	5.000	5.100	12.96	0.0001	P	15.0
4	☐	50.000	50.947	108.64	0.0006	P	12.3
5	☐	125.000	132.601	274.70	0.0017	P	11.0
6	☐	250.000	261.360	533.97	0.0033	P	5.2
7	☐	500.000	523.867	1057.46	0.0065	P	4.3
8	☐	1000.000	984.229	1935.34	0.0122	P	2.9
9	☐			3.08	0.0000	P	34.4

$$y = 1.2381\text{E-}005 * x + 1.5149\text{E-}005$$

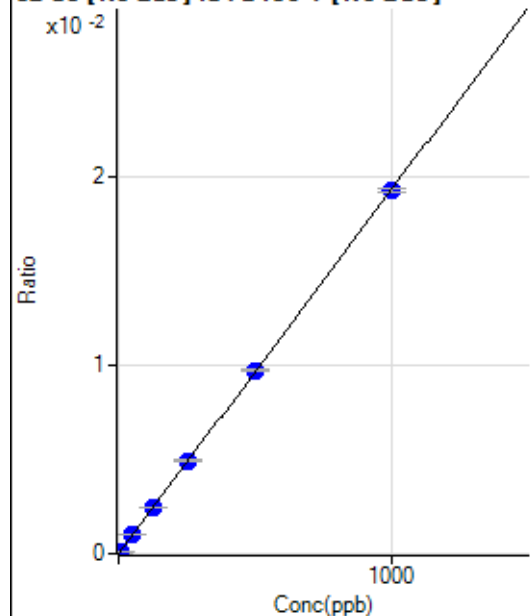
$$R = 0.9995$$

$$DL = 1.631$$

$$BEC = 1.224$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-8.44	0.0000	P	-534.
2	☐	0.500					
3	☐	5.000	4.489	436.77	0.0001	P	2.5
4	☐	50.000	50.868	5119.62	0.0010	P	0.5
5	☐	125.000	128.254	12880.07	0.0025	P	0.8
6	☐	250.000	255.184	25752.06	0.0049	P	1.6
7	☐	500.000	503.409	50532.41	0.0097	P	0.5
8	☐	1000.000	996.552	98273.36	0.0193	P	0.9
9	☐			65.43	0.0000	P	21.4

$$y = 1.9366\text{E-}005 * x - 1.6537\text{E-}006$$

$$R = 1.0000$$

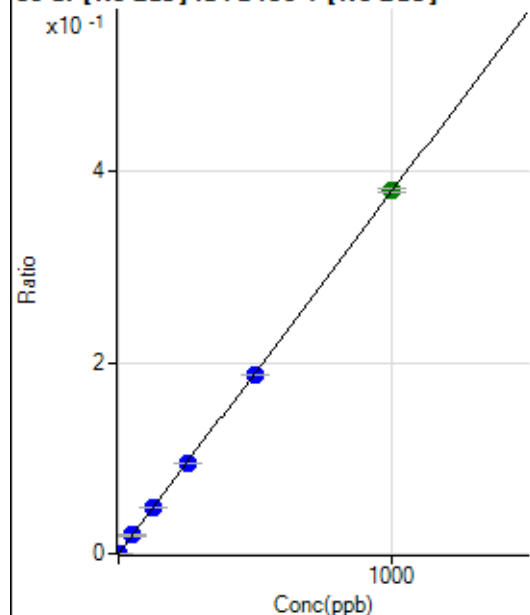
$$DL = 1.368$$

$$BEC = -0.0854$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	427.81	0.0001	P	23.1
2	☐	0.100					
3	☐	1.000	0.945	2266.96	0.0004	P	3.6
4	☐	50.000	50.401	99846.41	0.0192	P	1.0
5	☐	125.000	125.358	246876.00	0.0476	P	1.0
6	☐	250.000	249.461	493106.46	0.0946	P	0.7
7	☐	500.000	493.948	970554.12	0.1872	P	0.4
8	☐	1000.000	1003.096	1935734.63	0.3801	A	1.1
9	☐			67601.88	0.0134	P	3.1

$$y = 3.7883\text{E-}004 * x + 8.4837\text{E-}005$$

$$R = 1.0000$$

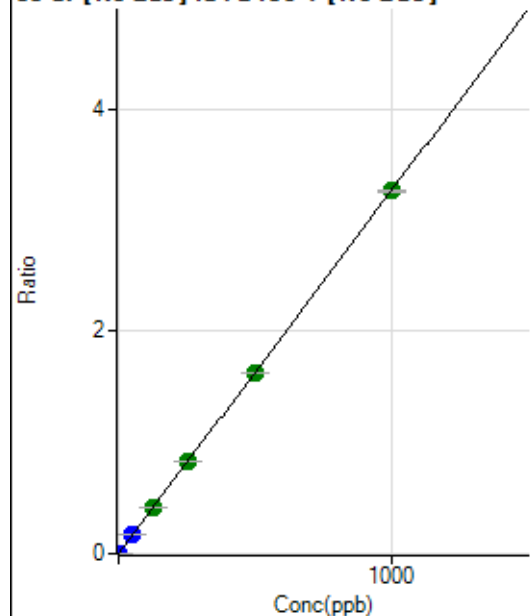
$$DL = 0.1553$$

$$BEC = 0.2239$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	14.9
2	☐	0.100					
3	☐	1.000	0.919	15495.54	0.0030	P	0.7
4	☐	50.000	50.787	863366.42	0.1658	P	0.5
5	☐	125.000	128.610	2179173.22	0.4199	A	1.0
6	☐	250.000	254.941	4339584.95	0.8324	A	0.2
7	☐	500.000	498.064	8430862.78	1.6262	A	0.6
8	☐	1000.000	999.242	16615718.25	3.2626	A	0.3
9	☐			591564.28	0.1171	P	3.0

$$y = 0.0033 * x + 2.3709\text{E-}005$$

$$R = 1.0000$$

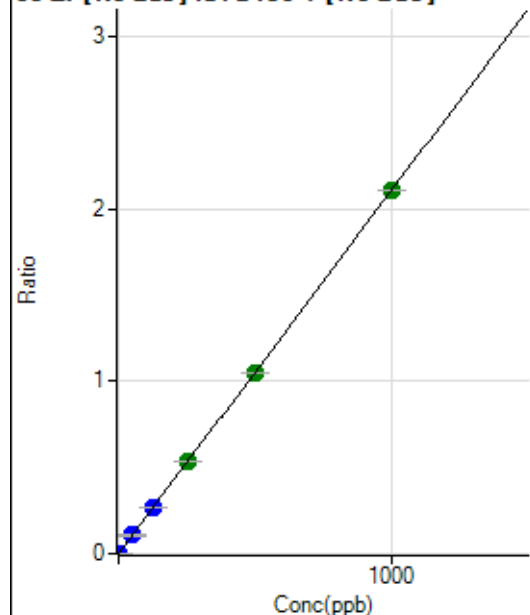
$$DL = 0.003241$$

$$BEC = 0.007261$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	363.91	0.0001	P	8.4
2	☐	0.100					
3	☐	1.000	0.880	9856.80	0.0019	P	3.6
4	☐	50.000	50.503	554031.56	0.1064	P	1.0
5	☐	125.000	125.353	1370218.02	0.2640	P	0.4
6	☐	250.000	254.655	2796050.60	0.5363	A	0.5
7	☐	500.000	500.091	5460245.43	1.0532	A	0.0
8	☐	1000.000	998.722	10711390.26	2.1033	A	0.1
9	☐			1878.00	0.0004	P	2.3

$$y = 0.0021 * x + 7.2218E-005$$

$$R = 1.0000$$

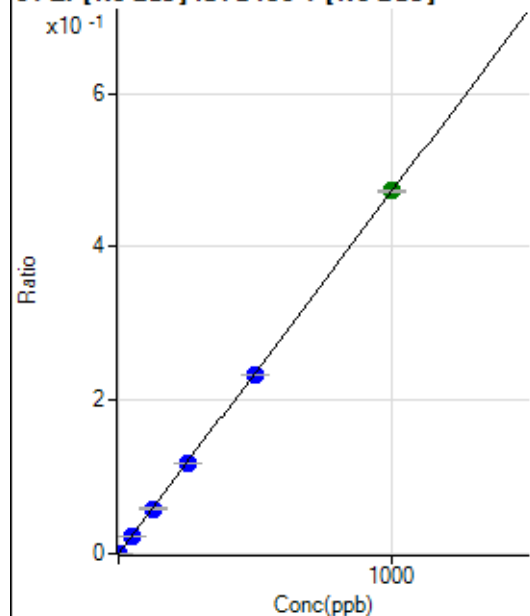
$$DL = 0.008613$$

$$BEC = 0.03429$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	12.1
2	☐	0.100					
3	☐	1.000	0.849	2116.93	0.0004	P	7.8
4	☐	50.000	50.246	123402.57	0.0237	P	0.3
5	☐	125.000	124.823	305471.79	0.0589	P	0.7
6	☐	250.000	249.203	612602.22	0.1175	P	0.4
7	☐	500.000	495.199	1210504.90	0.2335	P	0.5
8	☐	1000.000	1002.609	2407521.41	0.4727	A	0.3
9	☐			408.36	0.0001	P	20.5

$$y = 4.7149E-004 * x + 1.3224E-005$$

$$R = 1.0000$$

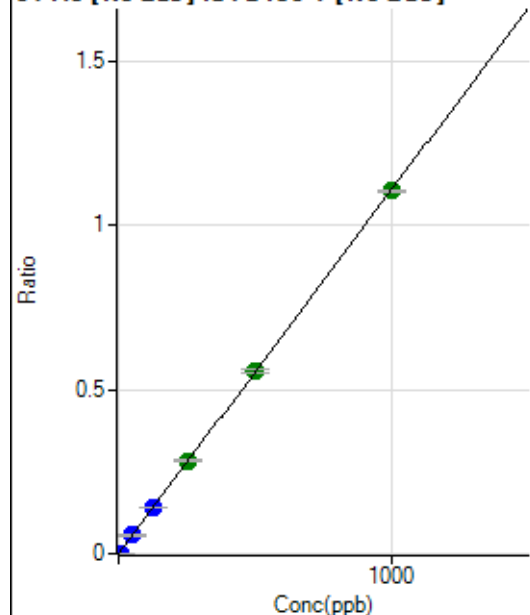
$$DL = 0.01021$$

$$BEC = 0.02805$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.13	0.0001	P	4.1
2	☐	0.500					
3	☐	5.000	2.008	11744.56	0.0023	P	2.5
4	☐	50.000	50.266	290547.63	0.0558	P	1.0
5	☐	125.000	125.372	721846.27	0.1391	P	0.5
6	☐	250.000	255.834	1479301.63	0.2838	A	2.1
7	☐	500.000	502.593	2889870.96	0.5574	A	1.3
8	☐	1000.000	997.200	5632306.33	1.1060	A	0.7
9	☐			4981.71	0.0010	P	2.4

$$y = 0.0011 * x + 6.6697E-005$$

$$R = 1.0000$$

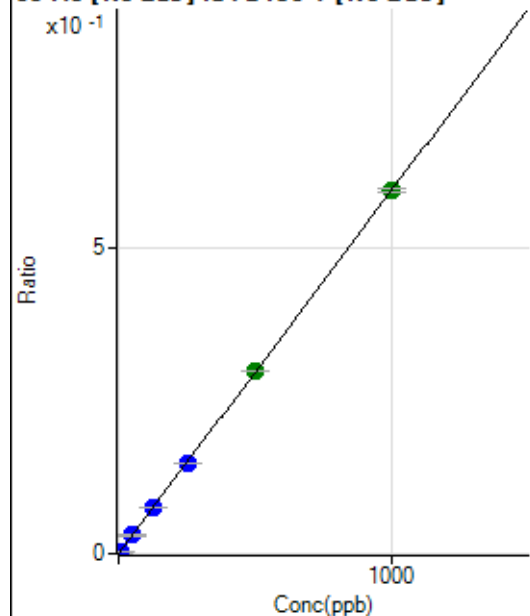
$$DL = 0.007344$$

$$BEC = 0.06014$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.68	0.0001	P	17.3
2	☐	0.500					
3	☐	5.000	4.482	13979.92	0.0027	P	2.9
4	☐	50.000	50.269	156053.50	0.0300	P	0.3
5	☐	125.000	125.632	388271.31	0.0748	P	1.2
6	☐	250.000	249.160	773228.84	0.1483	P	1.4
7	☐	500.000	502.121	1549368.18	0.2989	A	0.6
8	☐	1000.000	999.060	3027919.77	0.5946	A	1.1
9	☐			7666.36	0.0015	P	0.6

$$y = 5.9507E-004 * x + 6.2836E-005$$

$$R = 1.0000$$

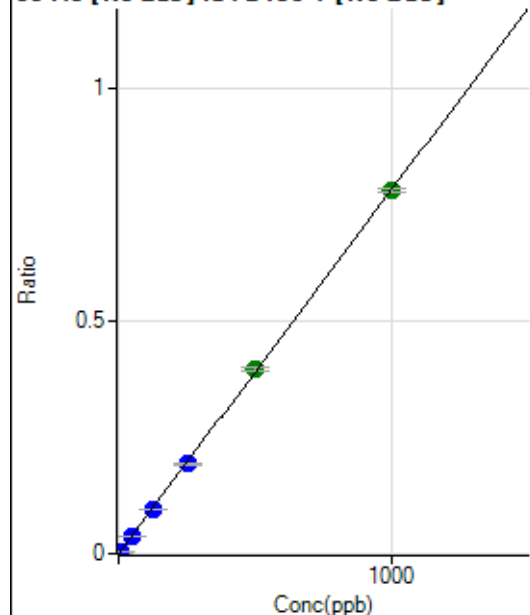
$$DL = 0.05487$$

$$BEC = 0.1056$$

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	377.80	0.0001	P	15.8
2	☐	0.500					
3	☐	5.000	3.712	15225.85	0.0030	P	1.4
4	☐	50.000	49.356	200968.62	0.0386	P	1.7
5	☐	125.000	123.368	500137.30	0.0964	P	0.7
6	☐	250.000	246.890	1005080.91	0.1928	P	1.1
7	☐	500.000	507.328	2053483.32	0.3961	A	1.1
8	☐	1000.000	997.356	3965332.73	0.7786	A	0.9
9	☐			9406.48	0.0019	P	0.8

$$y = 7.8063\text{E-}004 * x + 7.4987\text{E-}005$$

$$R = 1.0000$$

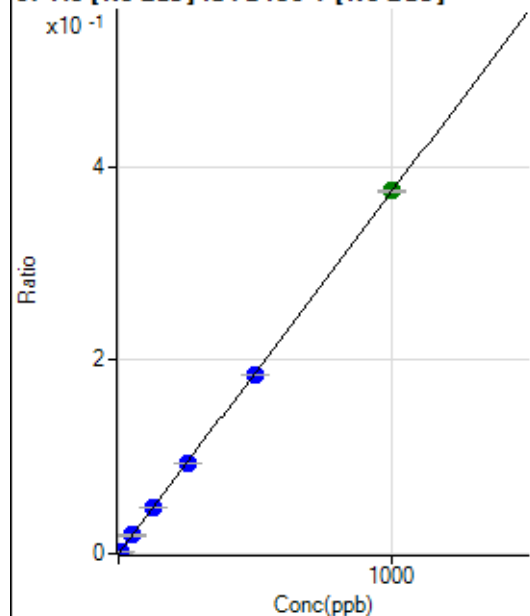
$$DL = 0.04555$$

$$BEC = 0.09606$$

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	225.01	0.0000	P	22.1
2	☐	0.500					
3	☐	5.000	4.339	8536.43	0.0017	P	0.9
4	☐	50.000	50.471	98467.86	0.0189	P	0.7
5	☐	125.000	125.613	243944.59	0.0470	P	0.4
6	☐	250.000	248.798	485168.09	0.0931	P	0.6
7	☐	500.000	493.975	957716.51	0.1847	P	0.7
8	☐	1000.000	1003.216	1910436.24	0.3751	A	0.6
9	☐			4534.33	0.0009	P	10.4

$$y = 3.7389\text{E-}004 * x + 4.4619\text{E-}005$$

$$R = 1.0000$$

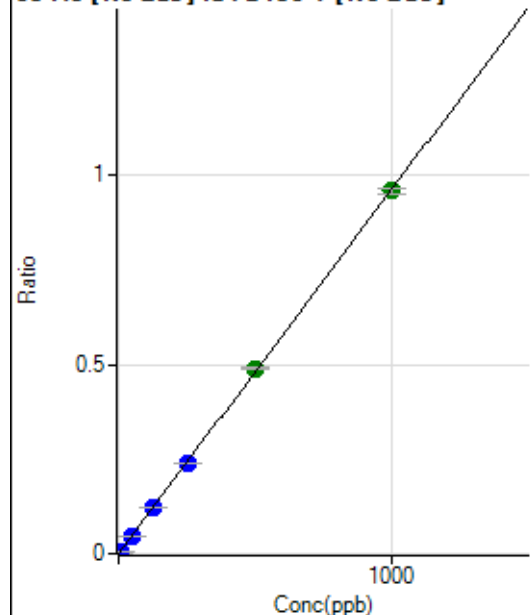
$$DL = 0.07913$$

$$BEC = 0.1193$$

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	536.15	0.0001	P	18.4
2	☐	0.500					
3	☐	5.000	4.460	22544.73	0.0044	P	0.3
4	☐	50.000	49.879	250643.79	0.0481	P	0.3
5	☐	125.000	125.034	625446.58	0.1205	P	0.6
6	☐	250.000	247.957	1245471.95	0.2389	P	0.9
7	☐	500.000	507.454	2534309.02	0.4888	A	1.1
8	☐	1000.000	996.788	4889540.25	0.9601	A	1.3
9	☐			11683.31	0.0023	P	3.9

$$y = 9.6310E-004 * x + 1.0634E-004$$

$$R = 1.0000$$

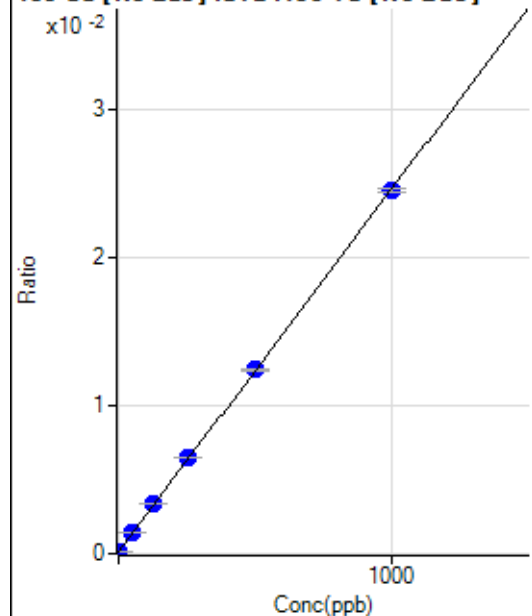
$$DL = 0.06079$$

$$BEC = 0.1104$$

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	819.51	0.0001	P	24.0
2	☐	0.100					
3	☐	1.000	1.506	1061.20	0.0002	P	1.7
4	☐	50.000	53.492	9328.66	0.0014	P	3.4
5	☐	125.000	131.630	22091.16	0.0033	P	2.0
6	☐	250.000	260.164	43067.04	0.0065	P	1.0
7	☐	500.000	501.810	82348.20	0.0124	P	1.9
8	☐	1000.000	995.550	159707.69	0.0245	P	1.0
9	☐			952.85	0.0001	P	12.6

$$y = 2.4451E-005 * x + 1.2752E-004$$

$$R = 0.9999$$

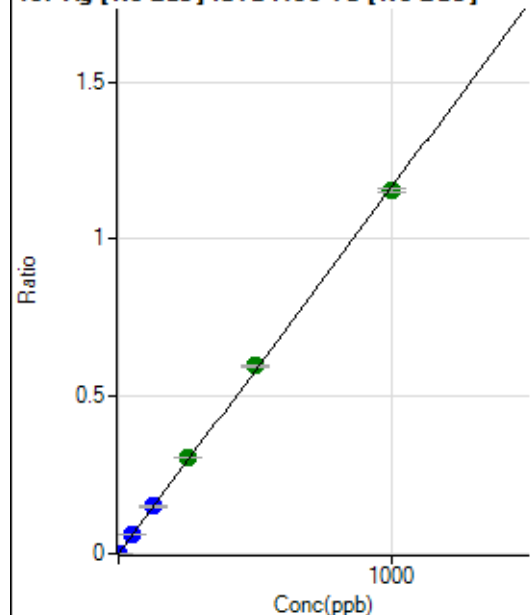
$$DL = 3.75$$

$$BEC = 5.216$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	60.8
2	☐	0.100					
3	☐	1.000	0.950	7230.06	0.0011	P	3.6
4	☐	50.000	53.106	402009.52	0.0619	P	0.4
5	☐	125.000	129.061	992349.44	0.1503	P	0.9
6	☐	250.000	261.734	2023133.23	0.3048	A	1.0
7	☐	500.000	512.340	3963547.83	0.5967	A	0.4
8	☐	1000.000	990.234	7526932.72	1.1532	A	0.9
9	☐			1066.76	0.0002	P	11.0

$$y = 0.0012 * x + 1.2958E-005$$

$$R = 0.9998$$

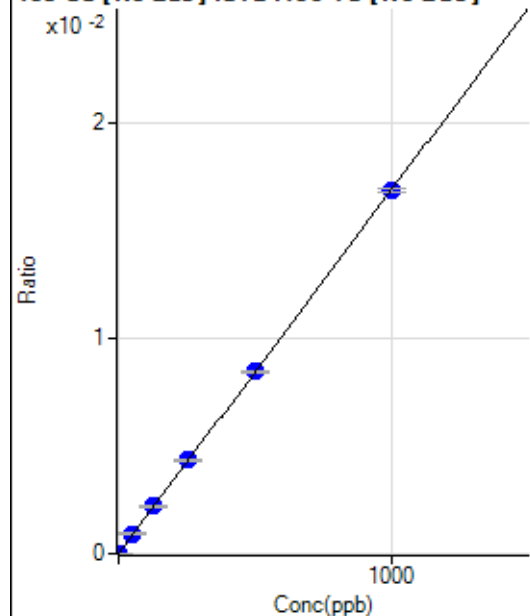
$$DL = 0.0203$$

$$BEC = 0.01113$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.61	0.0000	P	40.8
2	☐	0.100					
3	☐	1.000	0.803	111.11	0.0000	P	25.0
4	☐	50.000	54.920	6040.37	0.0009	P	2.3
5	☐	125.000	129.425	14428.79	0.0022	P	1.4
6	☐	250.000	256.851	28760.12	0.0043	P	1.4
7	☐	500.000	500.633	56081.71	0.0084	P	1.0
8	☐	1000.000	997.172	109734.67	0.0168	P	1.2
9	☐			40.28	0.0000	P	10.6

$$y = 1.6857E-005 * x + 3.6725E-006$$

$$R = 1.0000$$

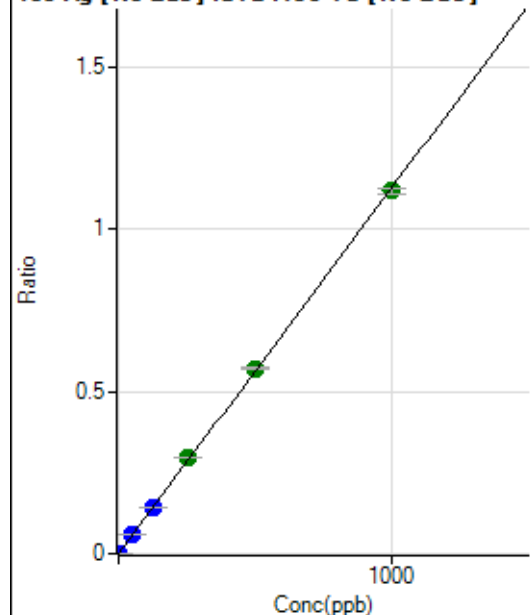
$$DL = 0.2665$$

$$BEC = 0.2179$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	54.2
2	☐	0.100					
3	☐	1.000	0.973	7107.79	0.0011	P	2.0
4	☐	50.000	52.787	385861.33	0.0594	P	0.6
5	☐	125.000	128.606	954958.20	0.1446	P	0.2
6	☐	250.000	260.968	1948065.54	0.2935	A	0.3
7	☐	500.000	507.710	3793076.91	0.5710	A	0.6
8	☐	1000.000	992.813	7287725.60	1.1166	A	1.5
9	☐			1016.76	0.0002	P	2.8

$$y = 0.0011 * x + 6.0524E-006$$

$$R = 0.9999$$

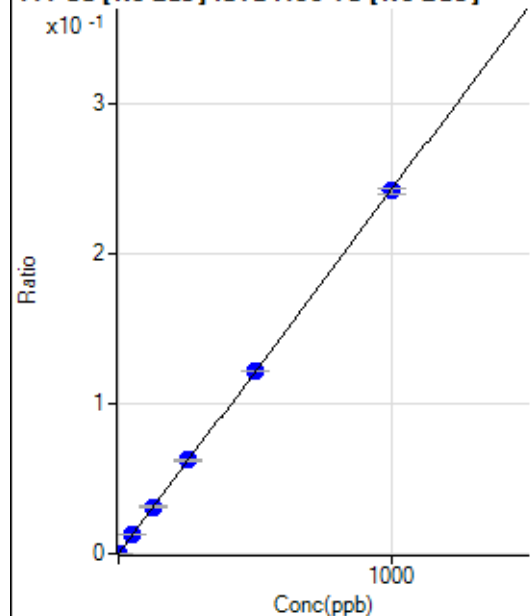
$$DL = 0.008743$$

$$BEC = 0.005381$$

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	694.63	0.0001	P	15.8
2	☐	0.100					
3	☐	1.000	0.988	2242.97	0.0003	P	4.7
4	☐	50.000	52.844	83928.22	0.0129	P	0.5
5	☐	125.000	128.946	207014.72	0.0314	P	1.0
6	☐	250.000	256.462	413218.35	0.0623	P	0.5
7	☐	500.000	502.109	809001.14	0.1218	P	0.7
8	☐	1000.000	996.695	1577181.61	0.2416	P	1.3
9	☐			951.31	0.0001	P	11.4

$$y = 2.4234E-004 * x + 1.0807E-004$$

$$R = 1.0000$$

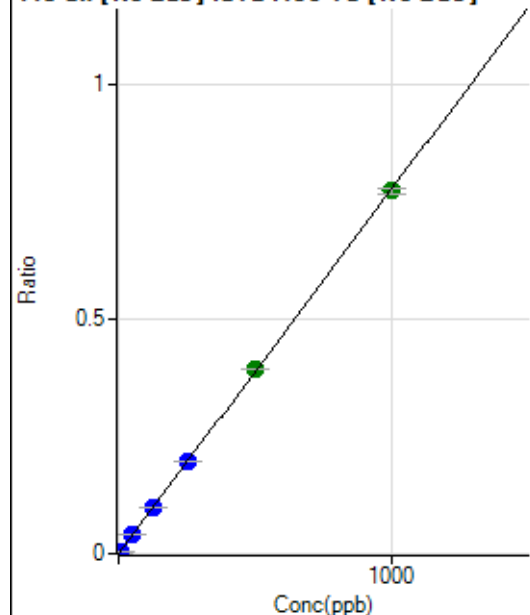
$$DL = 0.2114$$

$$BEC = 0.4459$$

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	483.36	0.0001	P	6.6
2	☐	0.500					
3	☐	5.000	4.425	22714.58	0.0035	P	2.8
4	☐	50.000	51.807	262360.12	0.0404	P	0.9
5	☐	125.000	127.409	654755.09	0.0992	P	0.3
6	☐	250.000	253.509	1309192.66	0.1973	P	0.8
7	☐	500.000	505.885	2614298.99	0.3936	A	0.5
8	☐	1000.000	995.792	5055609.92	0.7746	A	1.7
9	☐			5195.71	0.0008	P	5.5

$$y = 7.7781\text{E-}004 * x + 7.5184\text{E-}005$$

$$R = 1.0000$$

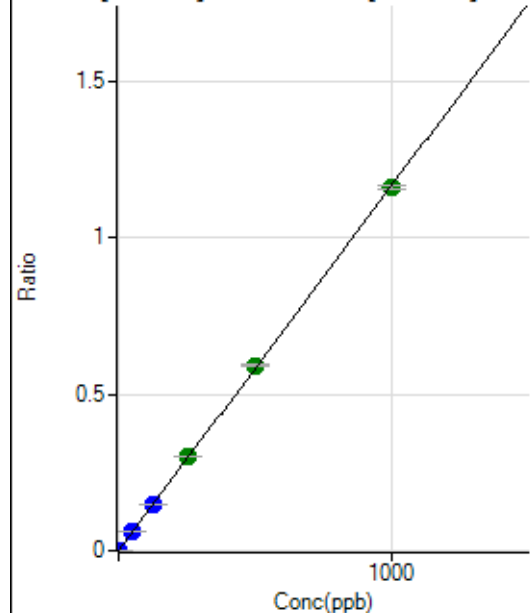
$$DL = 0.01918$$

$$BEC = 0.09666$$

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	119.45	0.0000	P	45.3
2	☐	0.200					
3	☐	2.000	1.837	13957.91	0.0022	P	1.3
4	☐	50.000	52.036	394530.35	0.0607	P	0.5
5	☐	125.000	127.919	985054.93	0.1492	P	1.3
6	☐	250.000	258.390	2000196.59	0.3014	A	1.0
7	☐	500.000	506.306	3922613.93	0.5905	A	1.0
8	☐	1000.000	994.283	7568784.63	1.1596	A	0.9
9	☐			9314.85	0.0014	P	1.3

$$y = 0.0012 * x + 1.8566\text{E-}005$$

$$R = 0.9999$$

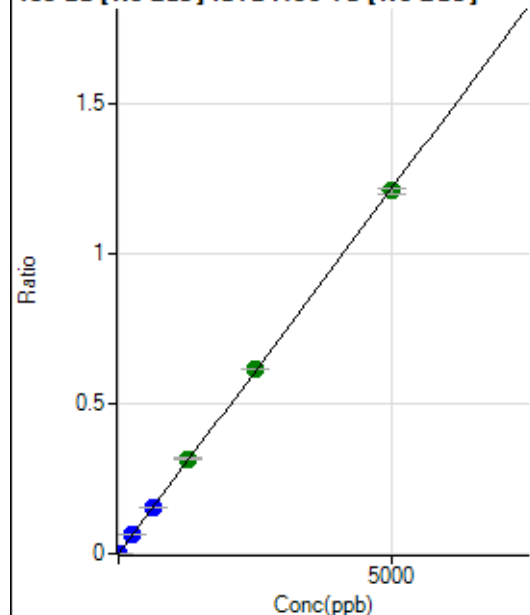
$$DL = 0.02164$$

$$BEC = 0.01592$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.80	0.0000	P	19.3
2	☐	1.000					
3	☐	10.000	9.347	14942.37	0.0023	P	3.7
4	☐	250.000	261.323	412887.38	0.0635	P	0.6
5	☐	625.000	638.998	1025214.94	0.1553	P	1.0
6	☐	1250.000	1298.486	2094042.76	0.3155	A	1.0
7	☐	2500.000	2529.893	4083178.26	0.6147	A	0.1
8	☐	5000.000	4970.617	7882093.58	1.2077	A	1.3
9	☐			2664.27	0.0004	P	5.6

$$y = 2.4295E-004 * x + 4.3191E-005$$

$$R = 0.9999$$

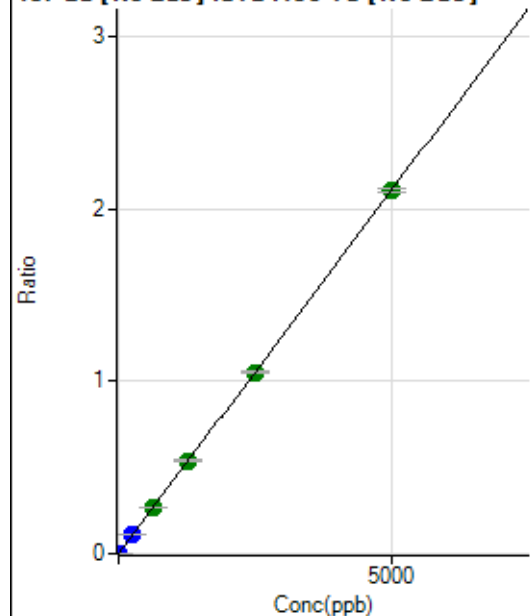
$$DL = 0.1028$$

$$BEC = 0.1778$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	569.48	0.0001	P	1.8
2	☐	1.000					
3	☐	10.000	9.091	25358.55	0.0039	P	3.2
4	☐	250.000	260.477	715197.39	0.1101	P	0.3
5	☐	625.000	645.961	1800944.31	0.2728	A	0.4
6	☐	1250.000	1278.883	3583849.56	0.5400	A	0.6
7	☐	2500.000	2497.826	7005113.18	1.0546	A	0.6
8	☐	5000.000	4990.724	13751895.10	2.1070	A	1.0
9	☐			4659.39	0.0007	P	3.8

$$y = 4.2216E-004 * x + 8.8560E-005$$

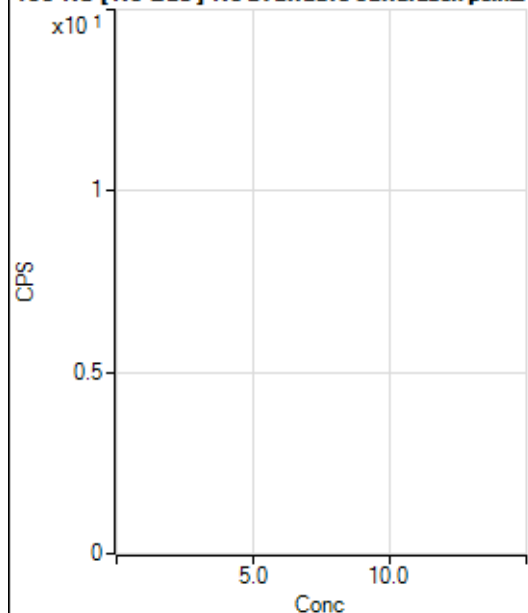
$$R = 1.0000$$

$$DL = 0.01161$$

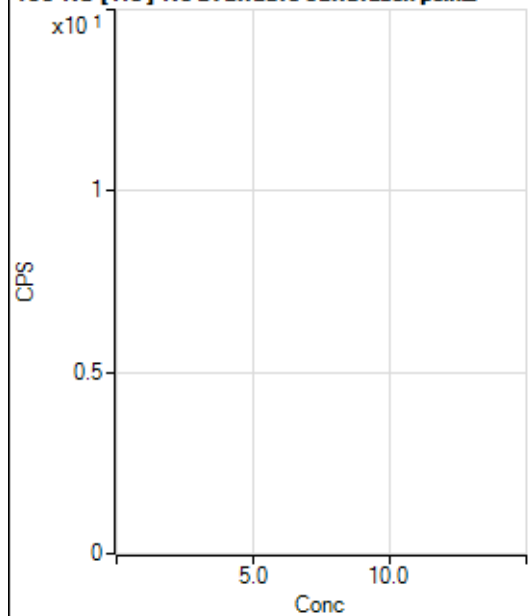
$$BEC = 0.2098$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

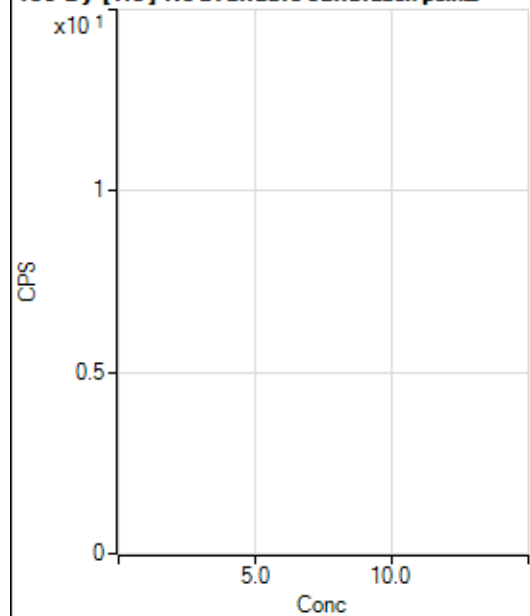
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐						
3	☐			13.33		P	50.0
4	☐			33.33		P	20.0
5	☐			64.45		P	21.5
6	☐			73.34		P	18.2
7	☐			186.68		P	12.4
8	☐			353.35		P	21.3
9	☐			71.11		P	21.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			2.22		P	173.2
6	☐			3.33		P	173.2
7	☐			8.89		P	78.1
8	☐			16.66		P	34.6
9	☐			11.11		P	34.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐						
3	☐			30.55		P	15.7
4	☐			30.56		P	95.8
5	☐			33.33		P	90.1
6	☐			61.11		P	41.7
7	☐			100.00		P	25.0
8	☐			158.34		P	26.3
9	☐			63.89		P	61.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			13.33		P	66.1
7	☐			16.67		P	34.6
8	☐			18.89		P	62.0
9	☐			4.44		P	43.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	120.2
2	☐						
3	☐			38.89		P	24.7
4	☐			25.00		P	33.3
5	☐			50.00		P	16.7
6	☐			69.45		P	18.3
7	☐			75.01		P	19.2
8	☐			127.79		P	19.9
9	☐			102.78		P	12.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			4.44		P	43.4
4	☐			1.11		P	173.2
5	☐			5.56		P	91.6
6	☐			13.33		P	25.0
7	☐			23.33		P	51.5
8	☐			23.33		P	42.9
9	☐			14.44		P	58.1

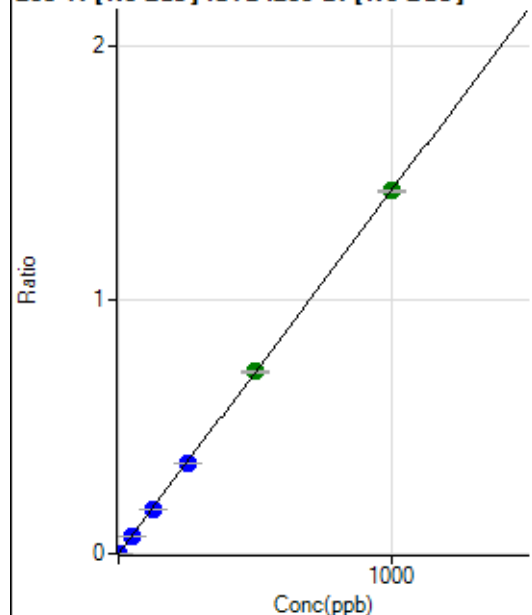
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐						
3	☐			27.78		P	34.6
4	☐			33.33		P	66.2
5	☐			16.67		P	132.3
6	☐			38.89		P	32.7
7	☐			30.56		P	31.5
8	☐			58.33		P	24.7
9	☐			58.34		P	42.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			6.66		P	86.6
4	☐			6.67		P	50.0
5	☐			7.78		P	65.5
6	☐			3.33		P	0.0
7	☐			7.78		P	89.2
8	☐			12.22		P	68.7
9	☐			10.00		P	66.7

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	555.60	0.0001	P	15.6
2	☐	0.100					
3	☐	1.000	0.909	6040.61	0.0014	P	0.5
4	☐	50.000	49.694	304452.62	0.0711	P	0.7
5	☐	125.000	123.126	759657.07	0.1760	P	0.8
6	☐	250.000	248.630	1523819.47	0.3553	P	0.5
7	☐	500.000	502.297	3080269.30	0.7176	A	0.8
8	☐	1000.000	999.444	5918559.73	1.4278	A	0.3
9	☐			3039.41	0.0008	P	6.8

$$y = 0.0014 * x + 1.3297E-004$$

$$R = 1.0000$$

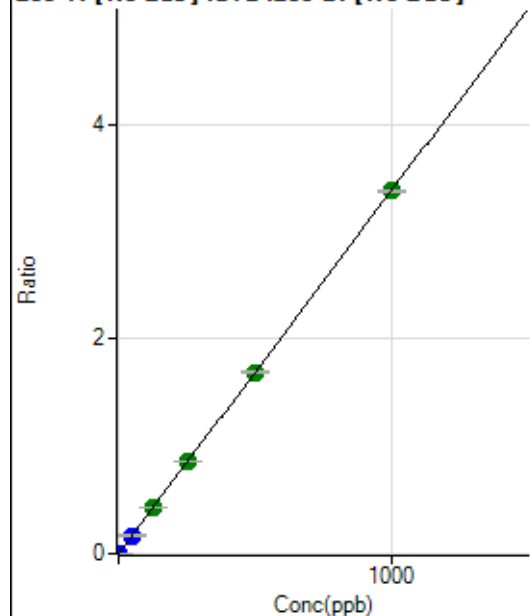
$$DL = 0.0437$$

$$BEC = 0.09309$$

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	1475.16	0.0004	P	6.4
2	☐	0.100					
3	☐	1.000	0.935	14842.71	0.0035	P	2.1
4	☐	50.000	50.067	726602.55	0.1697	P	1.8
5	☐	125.000	126.066	1842369.92	0.4269	A	0.5
6	☐	250.000	255.222	3704913.58	0.8638	A	0.9
7	☐	500.000	499.112	7249397.30	1.6890	A	1.1
8	☐	1000.000	999.002	14011957.08	3.3802	A	0.5
9	☐			6782.77	0.0017	P	8.3

$$y = 0.0034 * x + 3.5300E-004$$

$$R = 1.0000$$

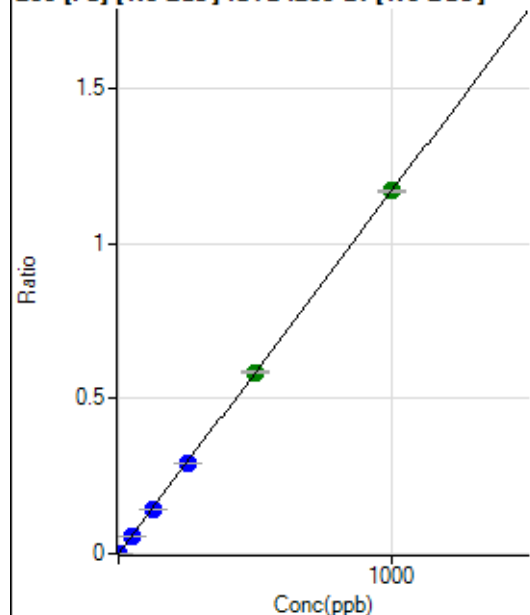
$$DL = 0.01996$$

$$BEC = 0.1043$$

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	1379.75	0.0003	P	7.7
2	☐	0.100					
3	☐	1.000	0.879	5729.26	0.0014	P	6.0
4	☐	50.000	49.589	249493.19	0.0583	P	1.7
5	☐	125.000	122.361	618606.74	0.1433	P	0.7
6	☐	250.000	248.077	1244857.65	0.2902	P	0.8
7	☐	500.000	499.657	2507770.34	0.5843	A	1.1
8	☐	1000.000	1001.003	4850713.24	1.1701	A	0.7
9	☐			8086.15	0.0020	P	4.4

$$y = 0.0012 * x + 3.3026E-004$$

$$R = 1.0000$$

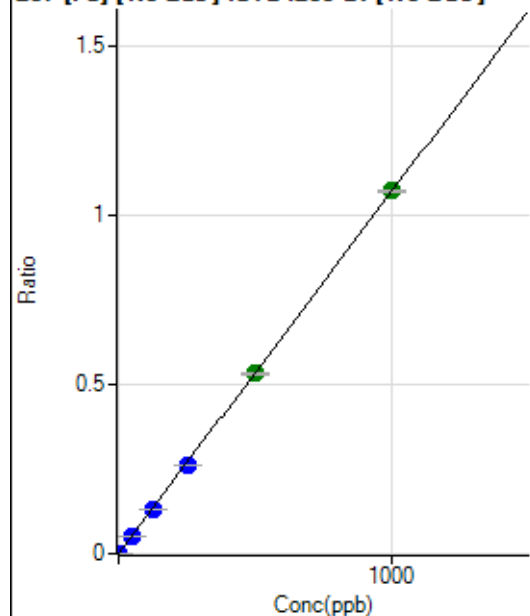
$$DL = 0.06522$$

$$BEC = 0.2826$$

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	1246.40	0.0003	P	4.9
2	☐	0.100					
3	☐	1.000	0.891	5286.46	0.0013	P	1.7
4	☐	50.000	49.331	227350.23	0.0531	P	1.8
5	☐	125.000	121.327	561894.90	0.1302	P	0.5
6	☐	250.000	245.663	1129272.28	0.2633	P	0.9
7	☐	500.000	497.945	2289405.92	0.5334	A	1.3
8	☐	1000.000	1002.605	4450621.80	1.0736	A	0.8
9	☐			6874.29	0.0017	P	5.0

$$y = 0.0011 * x + 2.9832E-004$$

$$R = 1.0000$$

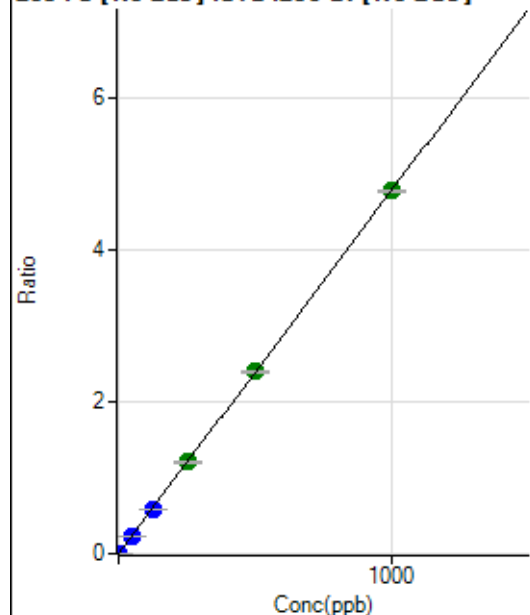
$$DL = 0.04076$$

$$BEC = 0.2787$$

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	5504.34	0.0013	P	1.9
2	☐	0.100					
3	☐	1.000	0.877	23218.22	0.0055	P	1.8
4	☐	50.000	49.463	1015567.87	0.2372	P	1.3
5	☐	125.000	122.336	2524129.10	0.5848	P	0.4
6	☐	250.000	251.759	5155864.08	1.2021	A	0.7
7	☐	500.000	501.189	10266296.18	2.3918	A	1.0
8	☐	1000.000	999.326	19763890.49	4.7677	A	0.3
9	☐			32133.62	0.0081	P	3.1

$$y = 0.0048 * x + 0.0013$$

$$R = 1.0000$$

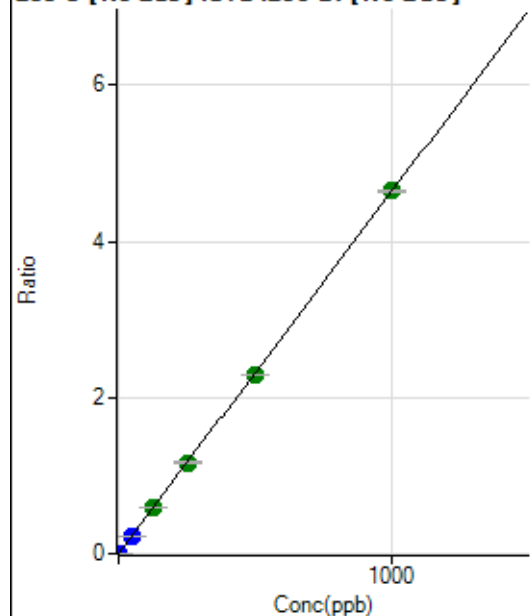
$$DL = 0.01537$$

$$BEC = 0.2762$$

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	3386.75	0.0008	P	5.9
2	☐	0.100					
3	☐	1.000	0.848	20000.12	0.0047	P	1.1
4	☐	50.000	49.094	977183.03	0.2283	P	1.0
5	☐	125.000	125.145	2505967.11	0.5806	A	0.6
6	☐	250.000	252.084	5012590.26	1.1687	A	1.5
7	☐	500.000	494.163	9830485.90	2.2903	A	1.0
8	☐	1000.000	1002.425	19255436.71	4.6451	A	0.5
9	☐			3131.10	0.0008	P	3.8

$$y = 0.0046 * x + 8.1027E-004$$

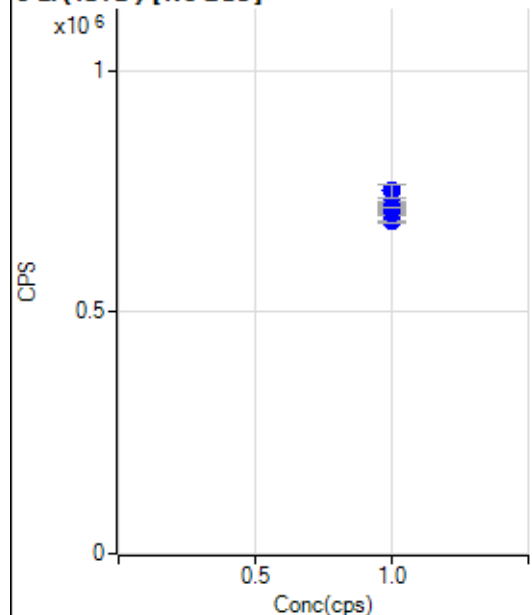
$$R = 1.0000$$

$$DL = 0.03103$$

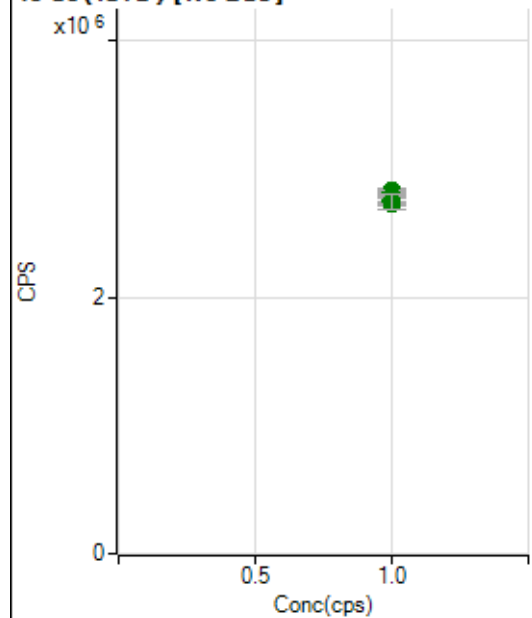
$$BEC = 0.1749$$

Weight: <None>

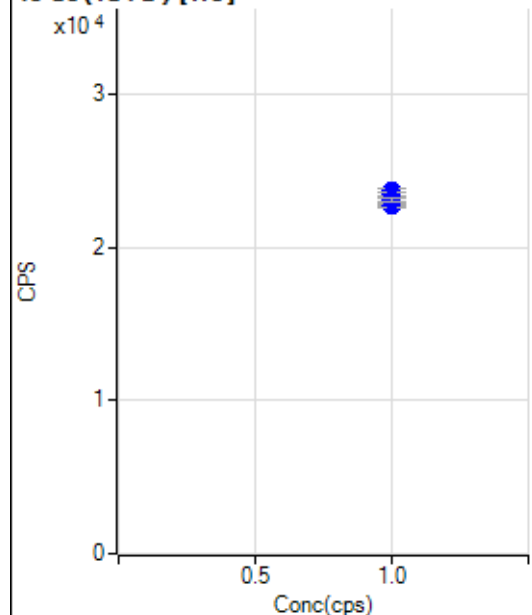
Min Conc: 0

6 Li (ISTD) [No Gas]

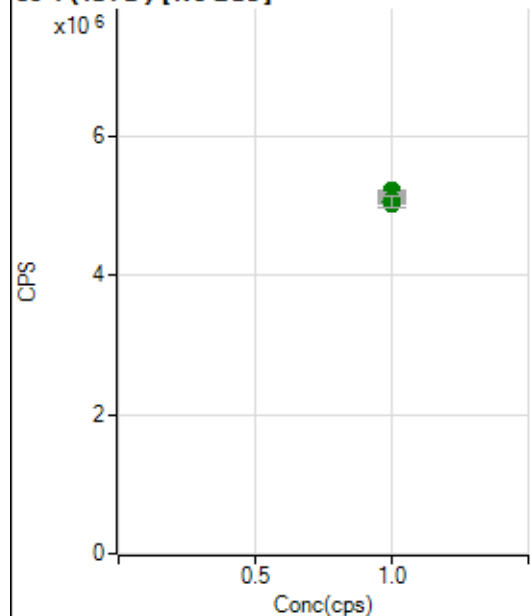
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		687036.66		P	0.1
2	☐	1.000					
3	☐	1.000		703106.23		P	0.5
4	☐	1.000		711179.53		P	0.3
5	☐	1.000		717259.10		P	0.6
6	☐	1.000		725316.61		P	0.4
7	☐	1.000		726552.48		P	0.2
8	☐	1.000		717546.30		P	0.3
9	☐	1.000		751384.74		P	3.7

45 Sc (ISTD) [No Gas]

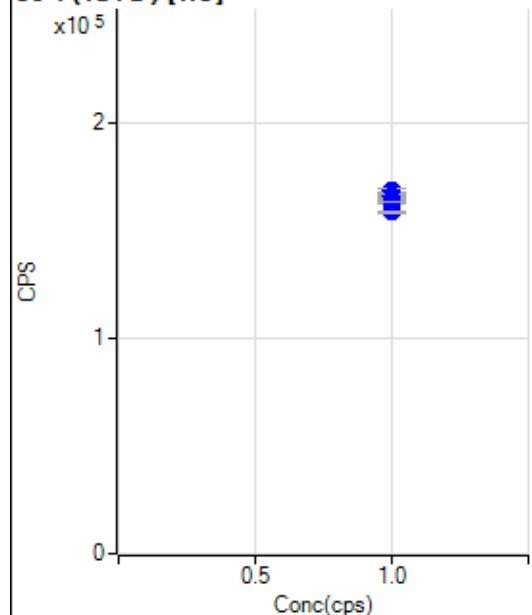
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2729348.43		A	1.1
2	☐	1.000					
3	☐	1.000		2761236.69		A	0.9
4	☐	1.000		2822202.26		A	0.3
5	☐	1.000		2827861.76		A	1.4
6	☐	1.000		2815824.43		A	1.2
7	☐	1.000		2794536.26		A	0.4
8	☐	1.000		2731926.47		A	0.7
9	☐	1.000		2737949.47		A	4.2

45 Sc (ISTD) [He]

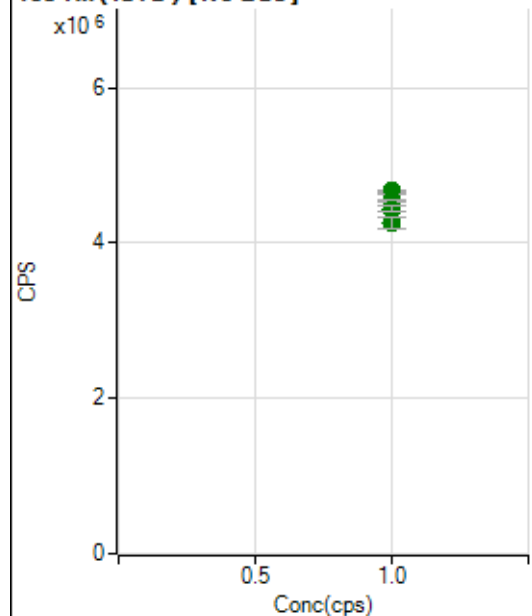
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22776.44		P	1.8
2	☐	1.000					
3	☐	1.000		23165.97		P	1.2
4	☐	1.000		23722.45		P	1.2
5	☐	1.000		23478.67		P	1.7
6	☐	1.000		23188.19		P	1.2
7	☐	1.000		22876.64		P	0.5
8	☐	1.000		22717.44		P	1.0
9	☐	1.000		23149.27		P	1.3

89 Y (ISTD) [No Gas]

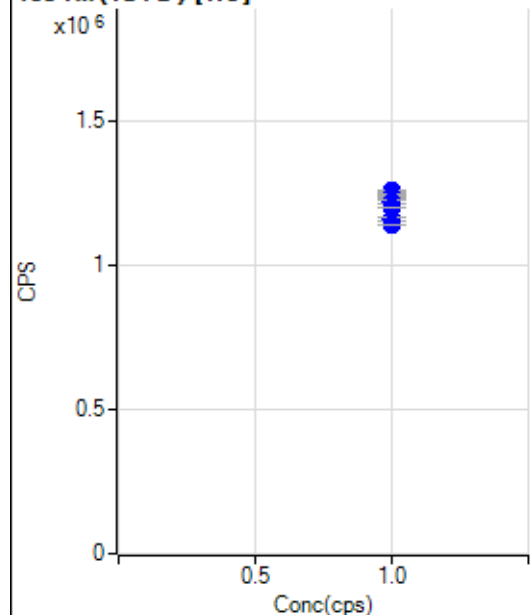
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5040078.19		A	0.4
2	☐	1.000					
3	☐	1.000		5121308.22		A	0.4
4	☐	1.000		5205980.24		A	0.6
5	☐	1.000		5189253.36		A	0.1
6	☐	1.000		5213292.25		A	0.8
7	☐	1.000		5184431.45		A	0.7
8	☐	1.000		5092760.76		A	0.4
9	☐	1.000		5053251.90		A	3.2

89 Y(ISTD) [He]

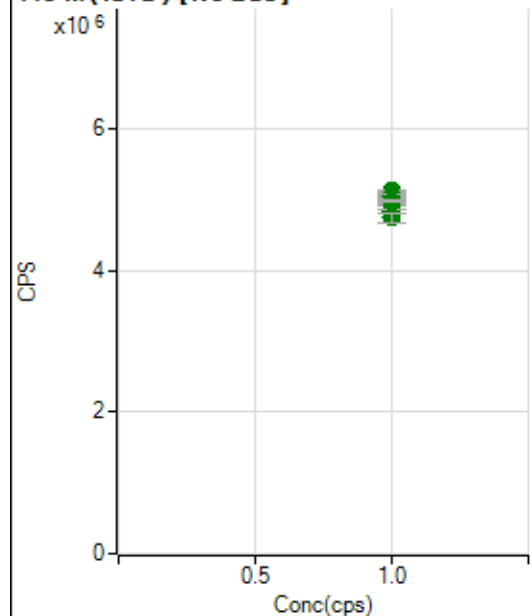
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		163314.92		P	1.2
2	☐	1.000					
3	☐	1.000		165640.36		P	0.8
4	☐	1.000		168298.69		P	0.9
5	☐	1.000		165909.09		P	1.4
6	☐	1.000		164244.66		P	0.3
7	☐	1.000		162632.29		P	0.8
8	☐	1.000		158620.78		P	0.7
9	☐	1.000		163325.69		P	0.4

103 Rh(ISTD) [No Gas]

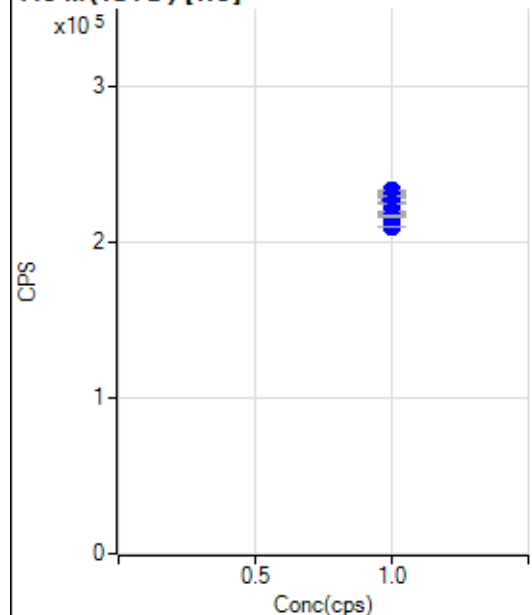
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4558324.63		A	0.2
2	☐	1.000					
3	☐	1.000		4654307.35		A	0.6
4	☐	1.000		4668223.02		A	0.2
5	☐	1.000		4661520.68		A	0.5
6	☐	1.000		4626486.78		A	0.3
7	☐	1.000		4547523.76		A	0.6
8	☐	1.000		4436986.34		A	1.3
9	☐	1.000		4250700.44		A	3.4

103 Rh (ISTD) [He]

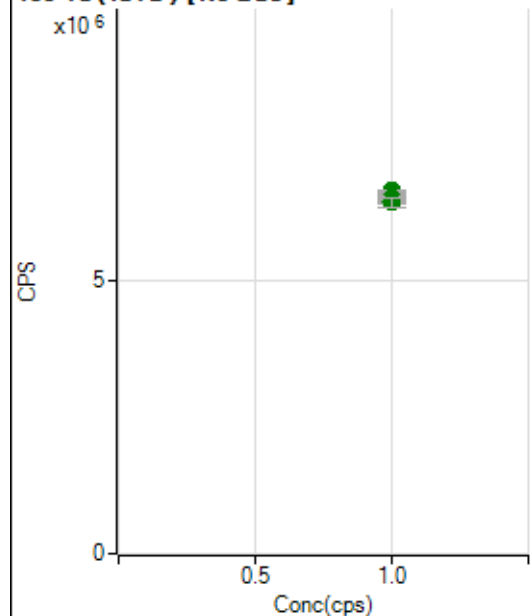
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1227660.13		P	1.0
2	☐	1.000					
3	☐	1.000		1244368.05		P	0.1
4	☐	1.000		1256060.43		P	0.4
5	☐	1.000		1238749.49		P	0.6
6	☐	1.000		1219691.08		P	0.8
7	☐	1.000		1196450.08		P	0.2
8	☐	1.000		1158528.06		P	0.7
9	☐	1.000		1139276.69		P	0.1

115 In (ISTD) [No Gas]

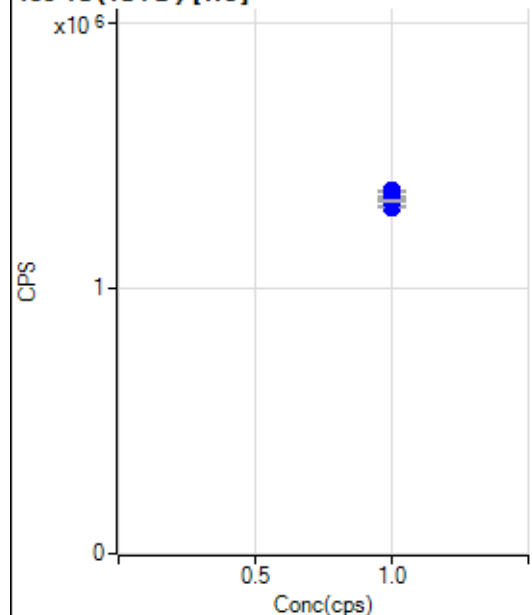
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4928764.36		A	0.5
2	☐	1.000					
3	☐	1.000		5060695.44		A	0.7
4	☐	1.000		5118061.35		A	0.7
5	☐	1.000		5110700.61		A	0.7
6	☐	1.000		5036899.53		A	0.9
7	☐	1.000		4976604.49		A	0.4
8	☐	1.000		4836324.29		A	1.1
9	☐	1.000		4734880.29		A	2.8

115 In (ISTD) [He]

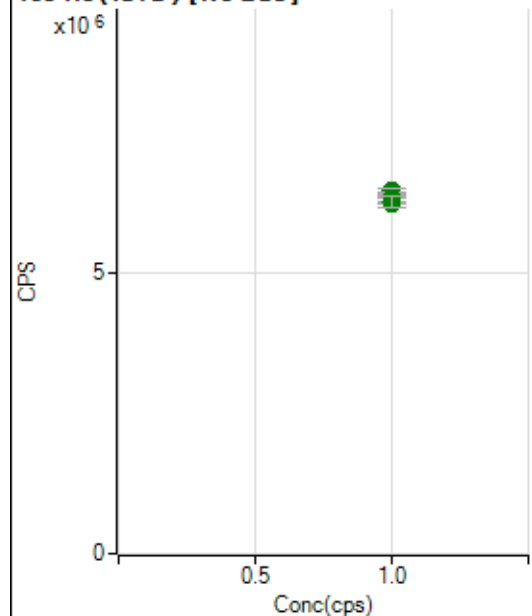
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		227053.20		P	1.0
2	☐	1.000					
3	☐	1.000		230470.04		P	0.1
4	☐	1.000		232559.28		P	0.8
5	☐	1.000		229439.09		P	0.3
6	☐	1.000		224439.00		P	0.4
7	☐	1.000		219061.17		P	0.6
8	☐	1.000		209428.74		P	0.3
9	☐	1.000		216014.32		P	0.4

159 Tb (ISTD) [No Gas]

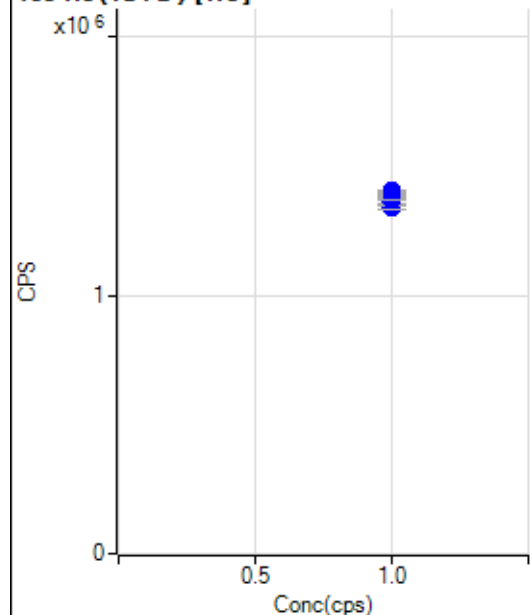
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6430168.31		A	0.4
2	☐	1.000					
3	☐	1.000		6457612.68		A	0.5
4	☐	1.000		6498775.18		A	0.3
5	☐	1.000		6602067.19		A	0.7
6	☐	1.000		6637160.11		A	0.6
7	☐	1.000		6642686.43		A	0.4
8	☐	1.000		6527221.99		A	0.9
9	☐	1.000		6427047.34		A	2.7

159 Tb (ISTD) [He]

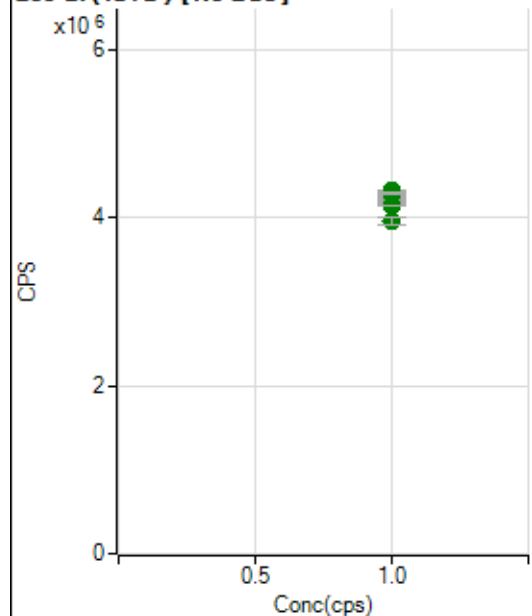
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1330928.77		P	1.2
2	☐	1.000					
3	☐	1.000		1345207.78		P	0.3
4	☐	1.000		1365472.97		P	0.3
5	☐	1.000		1361056.47		P	0.3
6	☐	1.000		1346088.73		P	0.4
7	☐	1.000		1336796.65		P	0.4
8	☐	1.000		1305043.87		P	0.7
9	☐	1.000		1326847.77		P	0.4

165 Ho (ISTD) [No Gas]

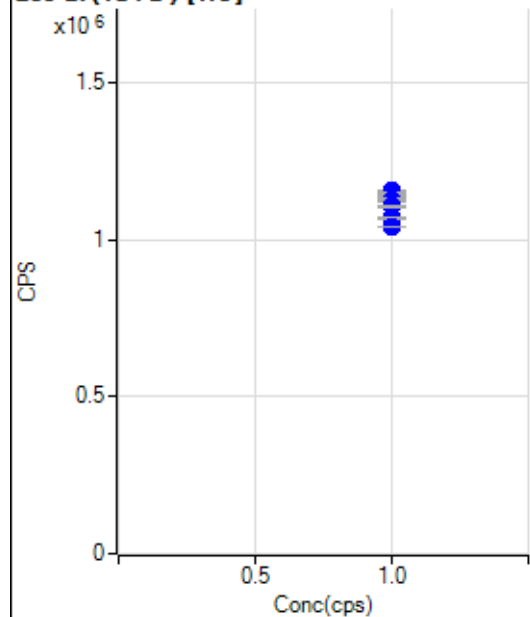
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6243010.56		A	0.7
2	☐	1.000					
3	☐	1.000		6276040.72		A	0.2
4	☐	1.000		6339811.29		A	0.3
5	☐	1.000		6365108.17		A	0.1
6	☐	1.000		6433286.08		A	0.5
7	☐	1.000		6462725.06		A	1.2
8	☐	1.000		6343867.55		A	0.7
9	☐	1.000		6263364.33		A	3.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1362692.79		P	1.0
2	☐	1.000					
3	☐	1.000		1382725.17		P	0.6
4	☐	1.000		1404141.14		P	0.4
5	☐	1.000		1397249.74		P	0.5
6	☐	1.000		1383639.08		P	0.0
7	☐	1.000		1368878.32		P	0.3
8	☐	1.000		1340522.03		P	0.7
9	☐	1.000		1371022.55		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4178794.28		A	0.6
2	☐	1.000					
3	☐	1.000		4220761.26		A	0.3
4	☐	1.000		4281216.26		A	1.1
5	☐	1.000		4316197.19		A	0.7
6	☐	1.000		4289053.31		A	0.2
7	☐	1.000		4292472.92		A	0.7
8	☐	1.000		4145356.26		A	0.2
9	☐	1.000		3967615.81		A	2.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1126232.83		P	0.9
2	☐	1.000					
3	☐	1.000		1141833.16		P	0.3
4	☐	1.000		1156108.94		P	0.4
5	☐	1.000		1146600.75		P	0.6
6	☐	1.000		1128790.01		P	0.5
7	☐	1.000		1106668.93		P	0.3
8	☐	1.000		1070311.32		P	0.3
9	☐	1.000		1043034.72		P	0.1

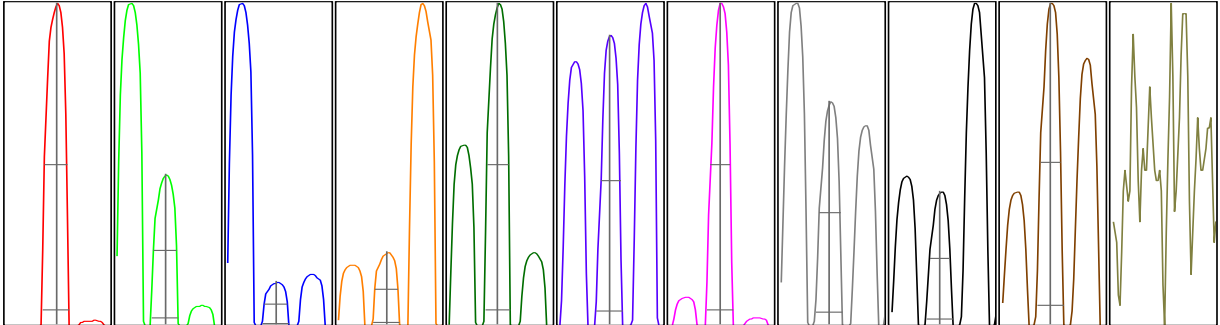
US EPA Tune Check Sample Report

Batch Folder D:\P8102717ICPMS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3752	0.55	5.00	
24	19051	0.29	5.00	
25	2568	0.48	5.00	
26	3040	0.39	5.00	
59	43056	0.36	5.00	
113	5995	0.37	5.00	
115	75845	0.43	5.00	
206	18455	0.25	5.00	
207	16747	0.30	5.00	
208	39858	0.20	5.00	
220	2	20.94		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3729	3767	3766	3768	3730
24	19090	19007	19118	19056	18986
25	2584	2577	2557	2563	2557
26	3047	3027	3029	3042	3055
59	43206	42903	43093	43198	42881
113	6018	5984	6017	5989	5966
115	76088	76137	75826	75864	75309
206	18387	18487	18457	18503	18440
207	16729	16830	16694	16753	16732
208	39867	39743	39941	39914	39824
220	1	2	1	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6201	9.00	8.9 - 9.1		0.782	0.900	
24	30650	23.95	23.9 - 24.1		0.786	0.900	
25	4106	24.95	24.9 - 25.1		0.769	0.900	
26	4901	25.95	25.9 - 26.1		0.768	0.900	
59	72979	58.95	58.9 - 59.1		0.739	0.900	
113	10951	113.00	112.9 - 113.1		0.759	0.900	
115	137407	115.00	114.9 - 115.1		0.769	0.900	
206	33020	205.95	205.9 - 206.1		0.771	0.900	
207	29568	206.95	206.9 - 207.1		0.777	0.900	
208	71216	207.95	207.9 - 208.1		0.774	0.900	
220			-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.0	V	Deflect	14.2	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5559	0.46	
89	1213	0.87	
205	8483	0.71	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5565	5570	5585	5555	5517
89	1223	1221	1219	1199	1205
205	8509	8533	8532	8397	8442

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	10.0	V	Deflect	2.0	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 19:47:06 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.56	-2.28	-2.28	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.03	0.00	-0.03	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.06	0.62	-0.56	0.00	N/A	ppb
Boron	11-1	-0.17	-0.24	0.41	0.00	N/A	ppb
Cadmium	111-1	-0.08	0.04	0.04	0.00	N/A	ppb
Cadmium	106-1	-1.41	0.96	0.46	0.00	N/A	ppb
Cadmium	108-1	0.05	0.05	-0.10	0.00	N/A	ppb
Calcium	43-1	-3.79	-3.29	7.08	0.00	N/A	ppb
Calcium	44-1	-1.65	-0.07	1.72	0.00	N/A	ppb
Chromium	52-2	0.02	0.06	-0.08	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.13	-0.02	0.15	0.00	N/A	ppb
Iron	57-2	0.37	0.33	-0.70	0.00	N/A	ppb
Lead	206-1	0.01	-0.02	0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.42	0.61	-0.19	0.00	N/A	ppb
Manganese	55-2	0.00	-0.02	0.01	0.00	N/A	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:47:06	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Molybdenum	98-1	0.02	-0.02	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.03	0.00	0.00	N/A	ppb
Phosphorus	31-2	-18.04	4.02	-18.04	-10.69		ppb
Potassium	39-2	8.55	-11.55	2.99	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	0.63	-0.31	-0.32	0.00	N/A	ppb
Selenium	82-1	-0.49	0.41	0.08	0.00	N/A	ppb
Silicon	28-1	-1.17	2.23	-1.06	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	0.01	0.00	N/A	ppb
Sodium	23-2	5.13	0.42	-5.55	0.00	N/A	ppb
Strontium	86-1	0.05	-0.05	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-245.11	169.28	-154.94	-76.92		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	0.01	0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.01	-0.01	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:47:06	DataFile Name :	003CALB.d

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

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:54:02	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.52	20.65	21.20	19.79	10.03	ppb
Antimony	121-1	1.85	1.81	1.85	1.84	1.27	ppb
Arsenic	75-2	1.04	0.79	1.13	0.99	17.54	ppb
Barium	135-1	9.10	9.75	9.19	9.35	3.77	ppb
Barium	137-1	9.04	8.82	9.41	9.09	3.29	ppb
Beryllium	9-1	0.89	0.74	0.84	0.82	8.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.52	21.11	21.05	21.23	1.22	ppb
Boron	11-1	20.00	21.05	21.07	20.71	2.96	ppb
Cadmium	111-1	0.97	1.06	0.93	0.99	6.86	ppb
Cadmium	106-1	1.49	1.63	1.40	1.51	7.67	ppb
Cadmium	108-1	0.51	0.98	0.92	0.80	31.83	ppb
Calcium	43-1	414.42	417.83	409.21	413.82	1.05	ppb
Calcium	44-1	431.06	420.60	437.69	429.78	2.00	ppb
Chromium	52-2	1.98	1.94	2.02	1.98	1.94	ppb
Cobalt	59-2	0.94	1.03	1.02	1.00	5.32	ppb
Copper	63-2	1.87	1.83	2.00	1.90	4.57	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	49.86	47.11	50.22	49.06	3.47	ppb
Iron	57-2	49.27	46.96	44.70	46.98	4.87	ppb
Lead	206-1	0.96	0.86	0.82	0.88	7.96	ppb
Lead	207-1	0.87	0.89	0.91	0.89	2.25	ppb
Lead	208-1	0.90	0.86	0.87	0.88	2.41	ppb
Lithium	6-1						%
Magnesium	24-2	460.69	438.52	474.07	457.76	3.92	ppb
Manganese	55-2	0.90	0.92	0.84	0.89	4.61	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:54:02	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.95	2.04	2.04	2.01	2.56	ppb
Molybdenum	95-1	4.47	4.36	4.62	4.48	2.92	ppb
Molybdenum	96-1	3.77	3.69	3.67	3.71	1.47	ppb
Molybdenum	97-1	4.30	4.33	4.38	4.34	0.88	ppb
Molybdenum	98-1	4.48	4.45	4.46	4.46	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.87	0.90	0.89	2.05	ppb
Phosphorus	31-2	46.73	3.38	-18.04	10.69	308.71	ppb
Potassium	39-2	432.30	478.45	498.24	469.66	7.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	21.59	5.47	10.83	12.63	64.97	ppb
Selenium	78-2	5.06	6.07	4.18	5.10	18.55	ppb
Selenium	82-1	4.61	4.47	4.39	4.49	2.48	ppb
Silicon	28-1	15.23	14.95	17.21	15.80	7.80	ppb
Silver	109-1	0.97	0.99	0.95	0.97	2.01	ppb
Silver	107-1	0.99	0.95	0.92	0.95	3.65	ppb
Sodium	23-2	463.69	454.18	479.41	465.76	2.74	ppb
Strontium	86-1	0.96	0.90	0.98	0.94	4.41	ppb
Strontium	88-1	0.92	0.91	0.93	0.92	0.72	ppb
Sulfur	34-1	96.91	-173.60	307.46	76.92	313.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	0.91	0.91	0.91	0.55	ppb
Thallium	205-1	0.91	0.95	0.94	0.94	2.37	ppb
Tin	118-1	4.55	4.30	4.42	4.43	2.84	ppb
Titanium	47-1	4.22	4.76	4.47	4.48	5.98	ppb
Uranium	238-1	0.85	0.86	0.84	0.85	1.38	ppb
Vanadium	51-2	4.66	4.34	4.31	4.43	4.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.18	1.88	1.55	1.87	16.79	ppb
Zirconium	90-1	0.85	0.92	0.87	0.88	3.78	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:54:02	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.90	0.77	0.88	0.85	8.04	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:57:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	930.47	1032.86	1044.87	1002.73	6.27	ppb
Antimony	121-1	52.36	51.90	51.86	52.04	0.54	ppb
Arsenic	75-2	49.63	49.76	52.88	50.76	3.63	ppb
Barium	135-1	263.18	260.49	260.30	261.32	0.62	ppb
Barium	137-1	260.95	259.66	260.82	260.48	0.27	ppb
Beryllium	9-1	54.13	52.71	53.07	53.31	1.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	51.44	51.09	51.38	51.30	0.36	ppb
Boron	11-1	46.59	48.69	49.53	48.27	3.13	ppb
Cadmium	111-1	52.74	53.15	52.64	52.84	0.51	ppb
Cadmium	106-1	54.41	51.23	54.83	53.49	3.68	ppb
Cadmium	108-1	55.23	53.51	56.02	54.92	2.34	ppb
Calcium	43-1	5094.23	4935.06	4930.82	4986.70	1.87	ppb
Calcium	44-1	5090.90	4954.08	4974.14	5006.37	1.48	ppb
Chromium	52-2	51.44	52.37	51.24	51.68	1.16	ppb
Cobalt	59-2	52.78	53.21	51.45	52.48	1.75	ppb
Copper	63-2	103.93	106.36	102.52	104.27	1.86	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	2665.77	2688.07	2652.32	2668.72	0.68	ppb
Iron	57-2	2616.64	2603.41	2531.72	2583.92	1.77	ppb
Lead	206-1	49.83	50.27	48.67	49.59	1.66	ppb
Lead	207-1	49.38	50.19	48.42	49.33	1.80	ppb
Lead	208-1	49.62	50.01	48.76	49.46	1.30	ppb
Lithium	6-1						%
Magnesium	24-2	5160.62	5224.78	5074.38	5153.26	1.46	ppb
Manganese	55-2	101.13	106.08	106.17	104.46	2.76	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:57:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.86	50.80	50.14	50.27	0.96	ppb
Molybdenum	95-1	50.14	50.42	50.25	50.27	0.28	ppb
Molybdenum	96-1	49.63	50.04	48.39	49.36	1.74	ppb
Molybdenum	97-1	50.09	50.68	50.64	50.47	0.65	ppb
Molybdenum	98-1	50.05	49.81	49.78	49.88	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.06	53.52	51.45	52.35	2.03	ppb
Phosphorus	31-2	1056.66	1010.32	1217.61	1094.86	9.94	ppb
Potassium	39-2	2584.67	2612.35	2588.26	2595.09	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	53.11	53.19	70.21	58.84	16.74	ppb
Selenium	78-2	43.83	52.74	56.27	50.95	12.58	ppb
Selenium	82-1	50.57	51.02	51.01	50.87	0.50	ppb
Silicon	28-1	58.96	60.14	58.16	59.09	1.68	ppb
Silver	109-1	53.00	52.92	52.44	52.79	0.58	ppb
Silver	107-1	53.20	52.84	53.27	53.11	0.44	ppb
Sodium	23-2	5152.00	5265.88	5111.25	5176.37	1.55	ppb
Strontium	86-1	50.97	49.98	50.26	50.40	1.02	ppb
Strontium	88-1	50.53	51.04	50.79	50.79	0.50	ppb
Sulfur	34-1	732.92	593.29	599.64	641.95	12.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.63	50.07	49.38	49.69	0.70	ppb
Thallium	205-1	50.30	50.82	49.09	50.07	1.77	ppb
Tin	118-1	51.57	51.49	52.36	51.81	0.92	ppb
Titanium	47-1	51.34	51.26	52.06	51.55	0.86	ppb
Uranium	238-1	49.19	49.52	48.57	49.09	0.99	ppb
Vanadium	51-2	50.88	52.63	50.74	51.42	2.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	103.55	111.61	106.48	107.21	3.81	ppb
Zirconium	90-1	50.27	51.07	50.16	50.50	0.99	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:57:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.27	50.09	50.38	50.25	0.29	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:01:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2477.53	2586.51	2473.64	2512.56	2.55	ppb
Antimony	121-1	129.32	126.16	128.28	127.92	1.26	ppb
Arsenic	75-2	128.25	125.74	130.70	128.23	1.93	ppb
Barium	135-1	645.04	632.40	639.56	639.00	0.99	ppb
Barium	137-1	648.70	643.68	645.50	645.96	0.39	ppb
Beryllium	9-1	130.97	133.73	132.40	132.37	1.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	127.07	125.19	124.66	125.64	1.00	ppb
Boron	11-1	125.17	128.81	126.76	126.91	1.44	ppb
Cadmium	111-1	129.85	127.51	129.49	128.95	0.98	ppb
Cadmium	106-1	129.08	134.60	131.21	131.63	2.12	ppb
Cadmium	108-1	128.32	131.58	128.38	129.43	1.44	ppb
Calcium	43-1	12189.08	12273.31	12322.97	12261.79	0.55	ppb
Calcium	44-1	12198.25	12355.70	12235.03	12262.99	0.67	ppb
Chromium	52-2	130.34	127.31	126.49	128.05	1.58	ppb
Cobalt	59-2	132.31	128.68	128.95	129.98	1.56	ppb
Copper	63-2	261.27	259.64	257.44	259.45	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6826.73	6660.73	6560.31	6682.59	2.01	ppb
Iron	57-2	6524.07	6398.77	6373.02	6431.95	1.26	ppb
Lead	206-1	121.39	122.84	122.85	122.36	0.69	ppb
Lead	207-1	120.67	121.83	121.48	121.33	0.49	ppb
Lead	208-1	121.83	122.47	122.71	122.34	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	13342.04	13121.98	12832.10	13098.71	1.95	ppb
Manganese	55-2	265.48	258.69	254.43	259.54	2.15	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:01:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	126.11	125.19	124.82	125.37	0.53	ppb
Molybdenum	95-1	127.13	125.63	124.13	125.63	1.19	ppb
Molybdenum	96-1	124.33	122.51	123.26	123.37	0.74	ppb
Molybdenum	97-1	126.01	125.79	125.03	125.61	0.41	ppb
Molybdenum	98-1	125.52	125.43	124.15	125.03	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.89	131.32	130.48	131.23	0.54	ppb
Phosphorus	31-2	2156.98	2436.72	2713.49	2435.73	11.42	ppb
Potassium	39-2	6578.24	6407.73	6391.07	6459.01	1.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	104.33	154.92	119.48	126.24	20.57	ppb
Selenium	78-2	134.86	116.94	146.01	132.60	11.06	ppb
Selenium	82-1	128.37	129.21	127.18	128.25	0.80	ppb
Silicon	28-1	152.69	160.60	153.68	155.65	2.77	ppb
Silver	109-1	128.91	128.27	128.65	128.61	0.25	ppb
Silver	107-1	128.73	128.09	130.37	129.06	0.91	ppb
Sodium	23-2	13220.57	13013.53	12849.78	13027.96	1.43	ppb
Strontium	86-1	124.47	124.87	126.74	125.36	0.97	ppb
Strontium	88-1	127.96	127.74	130.14	128.61	1.03	ppb
Sulfur	34-1	1745.56	2486.02	2018.70	2083.43	17.97	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	122.19	124.10	123.09	123.13	0.78	ppb
Thallium	205-1	125.43	126.57	126.20	126.07	0.46	ppb
Tin	118-1	127.51	126.96	127.76	127.41	0.32	ppb
Titanium	47-1	122.82	127.32	127.42	125.85	2.09	ppb
Uranium	238-1	124.61	125.95	124.87	125.15	0.57	ppb
Vanadium	51-2	128.84	127.97	125.84	127.55	1.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	260.03	257.20	258.90	258.71	0.55	ppb
Zirconium	90-1	125.87	124.85	125.34	125.35	0.41	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:01:04	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	125.75	124.76	123.96	124.82	0.72	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:04:32	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5079.37	4914.78	5103.77	5032.64	2.04	ppb
Antimony	121-1	256.43	261.45	257.29	258.39	1.04	ppb
Arsenic	75-2	251.84	251.54	252.42	251.93	0.18	ppb
Barium	135-1	1294.84	1313.04	1287.58	1298.49	1.01	ppb
Barium	137-1	1278.92	1286.75	1270.98	1278.88	0.62	ppb
Beryllium	9-1	261.52	259.64	261.69	260.95	0.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	244.59	258.44	255.24	252.75	2.87	ppb
Boron	11-1	248.55	254.69	261.72	254.99	2.58	ppb
Cadmium	111-1	255.84	257.90	255.64	256.46	0.49	ppb
Cadmium	106-1	263.08	259.00	258.41	260.16	0.98	ppb
Cadmium	108-1	254.02	260.80	255.74	256.85	1.37	ppb
Calcium	43-1	24872.44	24293.62	24299.17	24488.41	1.36	ppb
Calcium	44-1	24512.03	24106.00	24128.84	24248.96	0.94	ppb
Chromium	52-2	256.93	253.62	261.99	257.51	1.64	ppb
Cobalt	59-2	256.28	256.39	260.31	257.66	0.89	ppb
Copper	63-2	516.97	508.32	523.85	516.38	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13231.90	13194.26	13368.40	13264.85	0.69	ppb
Iron	57-2	12713.16	12826.05	13077.35	12872.18	1.45	ppb
Lead	206-1	250.25	246.34	247.64	248.08	0.80	ppb
Lead	207-1	248.00	243.68	245.31	245.66	0.89	ppb
Lead	208-1	253.69	250.33	251.26	251.76	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	25859.68	25530.97	26250.21	25880.29	1.39	ppb
Manganese	55-2	511.83	510.10	521.49	514.47	1.19	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:04:32	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	253.28	252.09	262.13	255.83	2.15	ppb
Molybdenum	95-1	248.45	246.17	252.86	249.16	1.36	ppb
Molybdenum	96-1	246.65	244.24	249.78	246.89	1.13	ppb
Molybdenum	97-1	248.77	247.43	250.19	248.80	0.56	ppb
Molybdenum	98-1	248.20	245.70	249.97	247.96	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.29	256.93	262.06	259.76	1.00	ppb
Phosphorus	31-2	5474.48	4781.26	5160.23	5138.66	6.75	ppb
Potassium	39-2	12957.75	12800.02	13154.22	12970.67	1.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	349.97	246.02	230.64	275.54	23.56	ppb
Selenium	78-2	275.25	247.92	260.91	261.36	5.23	ppb
Selenium	82-1	254.16	251.63	259.76	255.18	1.63	ppb
Silicon	28-1	274.63	262.52	261.57	266.24	2.74	ppb
Silver	109-1	260.12	261.71	261.08	260.97	0.31	ppb
Silver	107-1	258.61	263.14	263.45	261.73	1.03	ppb
Sodium	23-2	26278.22	25993.81	26716.12	26329.38	1.38	ppb
Strontium	86-1	247.91	249.04	251.43	249.46	0.72	ppb
Strontium	88-1	254.90	254.46	255.46	254.94	0.20	ppb
Sulfur	34-1	4797.80	4313.17	4136.88	4415.95	7.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	248.30	249.88	247.71	248.63	0.45	ppb
Thallium	205-1	257.76	253.39	254.51	255.22	0.89	ppb
Tin	118-1	251.66	255.66	253.21	253.51	0.79	ppb
Titanium	47-1	256.26	248.38	250.22	251.62	1.64	ppb
Uranium	238-1	256.21	250.94	249.10	252.08	1.47	ppb
Vanadium	51-2	253.23	251.40	260.69	255.11	1.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	514.87	507.63	522.65	515.05	1.46	ppb
Zirconium	90-1	254.88	253.37	255.72	254.66	0.47	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:04:32	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.23	248.32	250.06	249.20	0.35	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:07:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9744.50	9977.67	10143.89	9955.35	2.02	ppb
Antimony	121-1	507.85	510.30	500.77	506.31	0.98	ppb
Arsenic	75-2	498.55	501.51	502.07	500.71	0.38	ppb
Barium	135-1	2532.95	2529.80	2526.93	2529.89	0.12	ppb
Barium	137-1	2507.98	2503.95	2481.55	2497.83	0.57	ppb
Beryllium	9-1	513.75	505.91	505.70	508.45	0.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	503.31	503.45	512.39	506.38	1.03	ppb
Boron	11-1	490.32	499.68	507.63	499.21	1.74	ppb
Cadmium	111-1	506.03	500.55	499.75	502.11	0.68	ppb
Cadmium	106-1	510.30	503.49	491.64	501.81	1.88	ppb
Cadmium	108-1	505.61	496.04	500.26	500.63	0.96	ppb
Calcium	43-1	48815.09	48814.67	48734.89	48788.22	0.09	ppb
Calcium	44-1	48435.86	47969.21	47876.18	48093.75	0.62	ppb
Chromium	52-2	503.22	509.83	505.80	506.29	0.66	ppb
Cobalt	59-2	506.20	515.21	507.21	509.54	0.97	ppb
Copper	63-2	1012.53	1021.84	1014.98	1016.45	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25804.96	26176.39	26250.89	26077.41	0.92	ppb
Iron	57-2	25295.19	25537.47	25328.98	25387.21	0.52	ppb
Lead	206-1	502.72	502.75	493.51	499.66	1.07	ppb
Lead	207-1	499.02	503.68	491.14	497.94	1.27	ppb
Lead	208-1	503.59	504.31	495.67	501.19	0.96	ppb
Lithium	6-1						%
Magnesium	24-2	51499.09	51426.54	51574.52	51500.05	0.14	ppb
Manganese	55-2	1005.08	1021.00	1012.19	1012.76	0.79	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:07:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.63	509.31	501.84	502.59	1.27	ppb
Molybdenum	95-1	499.06	502.10	505.20	502.12	0.61	ppb
Molybdenum	96-1	500.88	509.44	511.67	507.33	1.12	ppb
Molybdenum	97-1	490.69	497.91	493.33	493.97	0.74	ppb
Molybdenum	98-1	506.21	502.57	513.58	507.45	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.61	510.51	510.68	510.60	0.02	ppb
Phosphorus	31-2	10114.82	10894.92	11000.26	10670.00	4.53	ppb
Potassium	39-2	25495.72	25871.67	25903.29	25756.89	0.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	554.47	473.15	498.65	508.75	8.17	ppb
Selenium	78-2	500.43	525.57	545.60	523.87	4.32	ppb
Selenium	82-1	501.36	502.64	506.23	503.41	0.50	ppb
Silicon	28-1	527.41	522.94	511.91	520.75	1.53	ppb
Silver	109-1	509.09	509.65	504.39	507.71	0.57	ppb
Silver	107-1	511.61	514.78	510.63	512.34	0.42	ppb
Sodium	23-2	51669.09	51307.38	51378.59	51451.69	0.37	ppb
Strontium	86-1	491.77	494.44	495.64	493.95	0.40	ppb
Strontium	88-1	495.64	497.26	501.29	498.06	0.58	ppb
Sulfur	34-1	9787.53	9554.95	9463.11	9601.86	1.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	504.17	504.95	497.78	502.30	0.78	ppb
Thallium	205-1	504.01	500.32	493.01	499.11	1.12	ppb
Tin	118-1	505.45	508.68	503.53	505.89	0.51	ppb
Titanium	47-1	500.31	499.50	493.43	497.75	0.75	ppb
Uranium	238-1	498.63	494.85	489.01	494.16	0.98	ppb
Vanadium	51-2	503.55	510.34	504.49	506.13	0.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1013.18	1021.87	1016.88	1017.31	0.43	ppb
Zirconium	90-1	500.04	499.92	500.32	500.09	0.04	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:07:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.18	497.23	496.19	495.20	0.54	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 20:11:10 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19591.98	19480.99	19419.72	19497.56	0.45	ppb
Antimony	121-1	1003.50	985.62	993.73	994.28	0.90	ppb
Arsenic	75-2	997.08	1000.76	998.31	998.72	0.19	ppb
Barium	135-1	5045.88	4917.19	4948.78	4970.62	1.35	ppb
Barium	137-1	5045.35	4968.05	4958.78	4990.72	0.95	ppb
Beryllium	9-1	991.90	995.06	988.89	991.95	0.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	987.42	1002.05	998.73	996.07	0.77	ppb
Boron	11-1	993.33	996.80	1007.18	999.10	0.72	ppb
Cadmium	111-1	1011.43	989.61	989.05	996.69	1.28	ppb
Cadmium	106-1	1004.93	985.43	996.29	995.55	0.98	ppb
Cadmium	108-1	1011.04	991.49	988.98	997.17	1.21	ppb
Calcium	43-1	97994.46	99740.30	98432.10	98722.29	0.92	ppb
Calcium	44-1	95371.13	97691.64	95800.81	96287.86	1.28	ppb
Chromium	52-2	1008.26	989.32	985.96	994.51	1.21	ppb
Cobalt	59-2	1006.85	982.25	988.60	992.57	1.29	ppb
Copper	63-2	2007.29	1976.96	1974.60	1986.29	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	51997.53	51170.72	50588.63	51252.30	1.38	ppb
Iron	57-2	50814.48	49501.19	49049.68	49788.45	1.84	ppb
Lead	206-1	992.81	1005.53	1004.67	1001.00	0.71	ppb
Lead	207-1	998.89	997.33	1011.60	1002.60	0.78	ppb
Lead	208-1	995.83	999.39	1002.76	999.33	0.35	ppb
Lithium	6-1						%
Magnesium	24-2	102430.38	101070.11	99685.20	101061.89	1.36	ppb
Manganese	55-2	2025.23	1969.02	1971.53	1988.59	1.60	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:11:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	989.80	1002.81	998.98	997.20	0.67	ppb
Molybdenum	95-1	987.00	1008.75	1001.42	999.06	1.11	ppb
Molybdenum	96-1	991.19	1007.57	993.30	997.36	0.89	ppb
Molybdenum	97-1	996.89	1007.39	1005.37	1003.22	0.56	ppb
Molybdenum	98-1	984.22	996.35	1009.80	996.79	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1007.03	981.76	985.30	991.36	1.38	ppb
Phosphorus	31-2	20050.06	19611.27	19239.55	19633.63	2.07	ppb
Potassium	39-2	50915.15	49653.60	49564.99	50044.58	1.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	950.94	984.70	1030.17	988.60	4.02	ppb
Selenium	78-2	987.98	1010.78	953.92	984.23	2.91	ppb
Selenium	82-1	986.86	1004.97	997.82	996.55	0.92	ppb
Silicon	28-1	974.76	986.88	982.02	981.22	0.62	ppb
Silver	109-1	1010.18	986.71	981.55	992.81	1.54	ppb
Silver	107-1	1000.90	985.03	984.78	990.23	0.93	ppb
Sodium	23-2	101613.62	98762.77	98848.92	99741.77	1.63	ppb
Strontium	86-1	1002.69	991.80	1014.81	1003.10	1.15	ppb
Strontium	88-1	1002.16	996.90	998.67	999.24	0.27	ppb
Sulfur	34-1	20364.71	20576.87	20303.59	20415.06	0.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	996.51	1000.11	1001.72	999.44	0.27	ppb
Thallium	205-1	999.18	994.25	1003.58	999.00	0.47	ppb
Tin	118-1	1014.99	987.31	985.08	995.79	1.67	ppb
Titanium	47-1	994.73	1008.68	998.21	1000.54	0.73	ppb
Uranium	238-1	1006.45	1004.03	996.79	1002.42	0.50	ppb
Vanadium	51-2	1010.40	992.25	983.17	995.27	1.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2016.59	1967.35	1974.45	1986.13	1.34	ppb
Zirconium	90-1	999.36	998.50	998.31	998.72	0.06	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:11:10	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1004.67	1003.95	999.21	1002.61	0.30	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:14:24	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98844.13	101422.44	100042.37	100102.98	1.29	ppb
Antimony	121-1	1.22	1.25	1.22	1.23	1.32	ppb
Arsenic	75-2	0.43	0.36	0.37	0.39	9.37	ppb
Barium	135-1	1.63	1.51	1.44	1.53	6.30	ppb
Barium	137-1	1.50	1.57	1.45	1.51	4.28	ppb
Beryllium	9-1	0.13	0.09	0.15	0.12	24.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	39.75	34.76	30.28	34.93	13.55	ppb
Boron	11-1	42.60	37.44	32.76	37.60	13.08	ppb
Cadmium	111-1	0.15	0.24	0.10	0.16	42.28	ppb
Cadmium	106-1	1.08	1.48	0.00	0.85	89.75	ppb
Cadmium	108-1	0.14	0.12	0.20	0.15	25.61	ppb
Calcium	43-1	524712.17	487858.47	488654.78	500408.47	4.21	ppb
Calcium	44-1	523980.88	492385.35	486563.38	500976.54	4.02	ppb
Chromium	52-2	12.77	13.01	12.70	12.83	1.24	ppb
Cobalt	59-2	1.08	1.08	1.17	1.11	4.52	ppb
Copper	63-2	2.98	2.98	2.97	2.98	0.23	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	245414.69	253148.48	250210.00	249591.05	1.56	ppb
Iron	57-2	245087.51	252832.49	252018.78	249979.59	1.70	ppb
Lead	206-1	1.46	1.54	1.39	1.46	5.30	ppb
Lead	207-1	1.41	1.36	1.25	1.34	6.00	ppb
Lead	208-1	1.47	1.43	1.37	1.42	3.68	ppb
Lithium	6-1						%
Magnesium	24-2	491314.35	507376.22	500040.86	499577.14	1.61	ppb
Manganese	55-2	5.60	6.21	5.38	5.73	7.47	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:14:24	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.81	0.85	0.83	0.83	2.62	ppb
Molybdenum	95-1	2.45	2.43	2.45	2.44	0.65	ppb
Molybdenum	96-1	2.31	2.28	2.28	2.29	0.80	ppb
Molybdenum	97-1	2.57	2.10	2.19	2.29	10.91	ppb
Molybdenum	98-1	2.39	2.28	2.21	2.29	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.32	10.05	10.25	10.21	1.35	ppb
Phosphorus	31-2	3.29	-18.04	25.56	3.60	605.01	ppb
Potassium	39-2	246038.66	251251.81	252366.77	249885.75	1.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.48	0.00	1.83	173.21	ppb
Selenium	78-2	0.61	0.60	-0.31	0.30	174.79	ppb
Selenium	82-1	0.65	0.69	0.91	0.75	18.94	ppb
Silicon	28-1	65.42	52.25	51.54	56.40	13.85	ppb
Silver	109-1	0.13	0.13	0.14	0.14	2.90	ppb
Silver	107-1	0.13	0.12	0.15	0.13	11.98	ppb
Sodium	23-2	493812.56	503020.86	502641.82	499825.08	1.04	ppb
Strontium	86-1	36.36	34.40	34.58	35.11	3.10	ppb
Strontium	88-1	37.10	35.46	35.05	35.87	3.01	ppb
Sulfur	34-1	136.26	-1016.79	-1183.25	-687.93		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.48	0.45	0.40	0.44	8.25	ppb
Thallium	205-1	0.44	0.40	0.36	0.40	10.52	ppb
Tin	118-1	1.00	0.95	0.88	0.94	6.05	ppb
Titanium	47-1	0.90	0.73	0.84	0.82	10.78	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.24	0.25	0.22	0.24	6.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.97	7.30	7.25	7.17	2.45	ppb
Zirconium	90-1	0.14	0.14	0.15	0.14	2.91	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:14:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.18	0.13	0.14	24.55	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	442.13	512.48	486.80	480.47	7.41	ppb
Antimony	121-1	190.96	189.10	189.63	189.90	0.50	ppb
Arsenic	75-2	192.67	190.63	192.59	191.97	0.60	ppb
Barium	135-1	97.37	97.43	97.45	97.42	0.04	ppb
Barium	137-1	97.17	96.39	95.83	96.46	0.70	ppb
Beryllium	9-1	91.82	93.39	93.19	92.80	0.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	456.63	461.37	468.02	462.01	1.24	ppb
Boron	11-1	451.91	464.75	462.57	459.74	1.49	ppb
Cadmium	111-1	100.43	99.19	101.00	100.20	0.92	ppb
Cadmium	106-1	154.80	147.26	153.31	151.79	2.63	ppb
Cadmium	108-1	128.90	125.09	128.55	127.51	1.65	ppb
Calcium	43-1	1977.33	2032.83	1964.68	1991.62	1.82	ppb
Calcium	44-1	1894.09	1890.27	1922.88	1902.41	0.94	ppb
Chromium	52-2	96.86	95.66	93.69	95.40	1.68	ppb
Cobalt	59-2	98.50	98.44	97.56	98.16	0.54	ppb
Copper	63-2	96.87	97.83	97.10	97.27	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1005.70	1015.69	995.28	1005.55	1.01	ppb
Iron	57-2	972.65	973.68	966.37	970.90	0.41	ppb
Lead	206-1	188.89	187.33	189.59	188.60	0.61	ppb
Lead	207-1	179.85	178.65	180.89	179.80	0.62	ppb
Lead	208-1	188.46	187.28	189.82	188.52	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	1180.89	1187.34	1145.01	1171.08	1.95	ppb
Manganese	55-2	97.77	95.26	96.72	96.59	1.30	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	481.95	484.74	479.63	482.11	0.53	ppb
Molybdenum	95-1	481.94	477.21	470.71	476.62	1.18	ppb
Molybdenum	96-1	483.09	477.90	479.75	480.25	0.55	ppb
Molybdenum	97-1	471.20	472.76	465.68	469.88	0.79	ppb
Molybdenum	98-1	481.36	483.82	480.00	481.73	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.05	99.17	97.09	98.77	1.54	ppb
Phosphorus	31-2	3.09	-18.04	-18.04	-11.00		ppb
Potassium	39-2	2060.22	2014.45	1939.91	2004.86	3.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	187.71	171.71	214.84	191.42	11.39	ppb
Selenium	78-2	189.66	202.25	214.06	201.99	6.04	ppb
Selenium	82-1	194.95	197.60	193.59	195.38	1.04	ppb
Silicon	28-1	469.12	475.44	470.98	471.85	0.69	ppb
Silver	109-1	97.81	97.20	96.82	97.28	0.51	ppb
Silver	107-1	98.68	98.08	98.95	98.57	0.45	ppb
Sodium	23-2	2028.87	2089.73	1998.83	2039.14	2.27	ppb
Strontium	86-1	472.51	471.42	470.27	471.40	0.24	ppb
Strontium	88-1	479.71	481.66	482.49	481.29	0.30	ppb
Sulfur	34-1	-1732.11	-1832.81	-1647.28	-1737.40		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	191.53	188.91	193.63	191.35	1.23	ppb
Thallium	205-1	198.13	197.16	199.19	198.16	0.51	ppb
Tin	118-1	495.50	486.42	488.45	490.12	0.97	ppb
Titanium	47-1	468.85	469.37	471.90	470.04	0.35	ppb
Uranium	238-1	493.50	492.64	498.49	494.88	0.64	ppb
Vanadium	51-2	96.27	95.71	94.13	95.37	1.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	196.76	200.00	196.74	197.83	0.95	ppb
Zirconium	90-1	479.97	475.53	473.08	476.20	0.73	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	468.96	469.06	468.68	468.90	0.04	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 20:20:53 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.66	-0.65	0.99	-0.11		ppb
Antimony	121-1	0.14	0.13	0.17	0.15	13.12	ppb
Arsenic	75-2	0.01	-0.03	0.01	0.00		ppb
Barium	135-1	-0.08	-0.10	-0.10	-0.10		ppb
Barium	137-1	-0.10	-0.10	-0.12	-0.11		ppb
Beryllium	9-1	-0.10	-0.07	-0.05	-0.07		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.86	20.91	15.94	18.90	13.84	ppb
Boron	11-1	20.69	19.30	18.63	19.54	5.39	ppb
Cadmium	111-1	0.02	0.03	0.10	0.05	79.83	ppb
Cadmium	106-1	0.68	0.93	1.46	1.02	38.72	ppb
Cadmium	108-1	-0.10	-0.14	-0.22	-0.16		ppb
Calcium	43-1	-7.99	0.06	5.05	-0.96		ppb
Calcium	44-1	4.58	3.70	5.47	4.58	19.29	ppb
Chromium	52-2	-0.15	-0.12	0.00	-0.09		ppb
Cobalt	59-2	-0.12	-0.11	-0.11	-0.11		ppb
Copper	63-2	-0.06	-0.05	-0.06	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.10	1.94	1.97	2.00	4.32	ppb
Iron	57-2	2.13	0.23	0.72	1.03	95.88	ppb
Lead	206-1	-0.05	-0.05	-0.04	-0.05		ppb
Lead	207-1	-0.04	-0.01	-0.03	-0.03		ppb
Lead	208-1	-0.04	-0.03	-0.03	-0.03		ppb
Lithium	6-1						%
Magnesium	24-2	0.44	1.52	5.40	2.45	106.47	ppb
Manganese	55-2	-0.02	-0.13	-0.09	-0.08		ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:20:53	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.02	0.01	162.72	ppb
Molybdenum	95-1	0.04	-0.01	0.01	0.01	151.36	ppb
Molybdenum	96-1	0.01	0.03	0.01	0.02	66.39	ppb
Molybdenum	97-1	0.05	0.02	-0.03	0.01	269.50	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	68.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.10	-0.15	-0.10		ppb
Phosphorus	31-2	24.46	3.30	-18.04	3.24	656.08	ppb
Potassium	39-2	8.24	37.58	26.91	24.24	61.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	10.65	5.35	0.00	5.33	99.85	ppb
Selenium	78-2	1.43	0.56	-1.22	0.26	529.45	ppb
Selenium	82-1	-0.09	-0.53	-0.42	-0.35		ppb
Silicon	28-1	-12.70	-13.96	-2.72	-9.79		ppb
Silver	109-1	0.02	0.01	0.01	0.02	12.11	ppb
Silver	107-1	0.02	0.01	0.01	0.01	34.68	ppb
Sodium	23-2	71.64	64.71	60.13	65.50	8.84	ppb
Strontium	86-1	0.07	0.02	0.08	0.06	63.25	ppb
Strontium	88-1	0.02	0.02	0.03	0.02	26.81	ppb
Sulfur	34-1	-1958.48	-1846.93	-1664.57	-1823.33		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.05	0.08	0.07	28.38	ppb
Thallium	205-1	0.08	0.08	0.07	0.07	6.50	ppb
Tin	118-1	0.11	0.06	0.07	0.08	29.62	ppb
Titanium	47-1	0.03	0.02	0.00	0.01	120.07	ppb
Uranium	238-1	-0.08	-0.09	-0.10	-0.09		ppb
Vanadium	51-2	-0.08	-0.10	-0.01	-0.07		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.11	0.22	0.03	0.12	83.00	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	54.85	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:20:53	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	0.04	0.02	81.46	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 20:24:06 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88954.93	88326.21	86538.94	87940.02	1.43	ppb
Antimony	121-1	1.18	1.23	1.26	1.22	3.25	ppb
Arsenic	75-2	0.16	0.29	0.29	0.25	28.86	ppb
Barium	135-1	1.38	1.38	1.31	1.35	2.92	ppb
Barium	137-1	1.39	1.40	1.40	1.40	0.43	ppb
Beryllium	9-1	0.24	0.15	0.11	0.17	40.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.15	14.28	11.77	13.40	10.55	ppb
Boron	11-1	13.60	12.52	11.93	12.68	6.65	ppb
Cadmium	111-1	0.36	0.29	0.28	0.31	13.53	ppb
Cadmium	106-1	0.72	0.88	0.55	0.71	23.22	ppb
Cadmium	108-1	5.53	6.28	6.89	6.23	10.90	ppb
Calcium	43-1	94008.71	94339.70	93682.25	94010.22	0.35	ppb
Calcium	44-1	91975.94	92680.62	92638.70	92431.75	0.43	ppb
Chromium	52-2	19.56	19.18	19.16	19.30	1.17	ppb
Cobalt	59-2	1.03	1.07	0.97	1.02	5.19	ppb
Copper	63-2	7.46	7.25	7.35	7.35	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97816.54	98354.91	96885.21	97685.55	0.76	ppb
Iron	57-2	95223.78	96220.36	94765.55	95403.23	0.78	ppb
Lead	206-1	5.28	4.97	5.00	5.08	3.31	ppb
Lead	207-1	4.58	4.32	4.32	4.40	3.40	ppb
Lead	208-1	4.83	4.63	4.61	4.69	2.62	ppb
Lithium	6-1						%
Magnesium	24-2	96704.53	96730.12	96046.81	96493.82	0.40	ppb
Manganese	55-2	7.67	7.92	7.43	7.67	3.24	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:24:06	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	578.27	580.09	564.63	574.33	1.47	ppb
Molybdenum	95-1	1869.43	1853.17	1817.59	1846.73	1.44	ppb
Molybdenum	96-1	1566.04	1535.25	1528.04	1543.11	1.31	ppb
Molybdenum	97-1	1903.64	1857.17	1848.04	1869.61	1.59	ppb
Molybdenum	98-1	1887.86	1857.04	1827.24	1857.38	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.59	5.64	5.78	5.67	1.69	ppb
Phosphorus	31-2	92948.31	94451.46	90821.85	92740.54	1.97	ppb
Potassium	39-2	99343.93	99825.68	97400.60	98856.74	1.30	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	-1.22	-0.35	-0.34	-0.64		ppb
Selenium	82-1	-0.01	0.46	0.10	0.18	134.12	ppb
Silicon	28-1	28.35	28.95	27.77	28.36	2.08	ppb
Silver	109-1	0.15	0.16	0.15	0.15	3.81	ppb
Silver	107-1	0.17	0.17	0.14	0.16	9.17	ppb
Sodium	23-2	95632.67	96047.00	95584.03	95754.57	0.27	ppb
Strontium	86-1	32.88	33.86	32.31	33.02	2.38	ppb
Strontium	88-1	33.18	33.02	32.60	32.93	0.92	ppb
Sulfur	34-1	81129.50	81405.58	80147.95	80894.34	0.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.19	0.17	0.23	0.20	14.92	ppb
Thallium	205-1	0.18	0.20	0.20	0.20	5.58	ppb
Tin	118-1	0.17	0.22	0.16	0.18	16.72	ppb
Titanium	47-1	1929.11	1914.59	1909.30	1917.67	0.54	ppb
Uranium	238-1	-0.08	-0.10	-0.09	-0.09		ppb
Vanadium	51-2	0.10	0.03	0.10	0.08	56.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.33	11.78	11.16	11.09	6.57	ppb
Zirconium	90-1	0.05	0.04	0.05	0.04	15.40	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:24:06	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.03	0.06	0.06	46.30	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:27:13	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87859.46	87073.74	87975.32	87636.17	0.56	ppb
Antimony	121-1	21.51	21.24	21.37	21.37	0.65	ppb
Arsenic	75-2	20.92	19.99	20.45	20.45	2.27	ppb
Barium	135-1	21.93	22.05	22.17	22.05	0.56	ppb
Barium	137-1	21.97	22.30	22.00	22.09	0.83	ppb
Beryllium	9-1	21.01	20.83	20.19	20.68	2.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	64.23	58.31	61.89	61.48	4.85	ppb
Boron	11-1	57.63	57.96	59.94	58.51	2.14	ppb
Cadmium	111-1	20.58	20.44	20.70	20.57	0.61	ppb
Cadmium	106-1	24.13	25.09	26.45	25.22	4.62	ppb
Cadmium	108-1	30.64	27.79	28.66	29.03	5.03	ppb
Calcium	43-1	96270.05	94253.74	94359.24	94961.01	1.20	ppb
Calcium	44-1	91472.36	92794.81	93176.39	92481.19	0.97	ppb
Chromium	52-2	39.56	40.30	40.13	40.00	0.97	ppb
Cobalt	59-2	21.54	21.48	22.05	21.69	1.44	ppb
Copper	63-2	27.68	27.91	27.88	27.82	0.44	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	97601.46	98278.04	98453.13	98110.88	0.46	ppb
Iron	57-2	94905.99	94897.19	96530.67	95444.62	0.99	ppb
Lead	206-1	25.93	25.76	25.22	25.64	1.46	ppb
Lead	207-1	23.12	23.21	22.98	23.10	0.50	ppb
Lead	208-1	24.27	24.17	24.00	24.15	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	94991.24	96139.41	96251.25	95793.97	0.73	ppb
Manganese	55-2	27.41	27.97	29.31	28.23	3.46	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:27:13	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	621.39	623.06	631.98	625.48	0.91	ppb
Molybdenum	95-1	1868.23	1895.84	1905.37	1889.81	1.02	ppb
Molybdenum	96-1	1588.84	1594.72	1584.30	1589.29	0.33	ppb
Molybdenum	97-1	1925.96	1901.71	1924.49	1917.39	0.71	ppb
Molybdenum	98-1	1892.83	1890.92	1922.26	1902.00	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.95	25.96	26.21	26.04	0.57	ppb
Phosphorus	31-2	93114.57	95022.54	95207.53	94448.21	1.23	ppb
Potassium	39-2	98572.24	96706.70	98513.07	97930.67	1.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	42.56	5.40	16.03	21.33	89.74	ppb
Selenium	78-2	22.66	23.93	21.88	22.83	4.54	ppb
Selenium	82-1	19.70	20.22	19.33	19.75	2.28	ppb
Silicon	28-1	87.68	90.75	91.66	90.03	2.31	ppb
Silver	109-1	19.44	19.43	19.31	19.40	0.38	ppb
Silver	107-1	19.61	19.69	19.35	19.55	0.91	ppb
Sodium	23-2	96299.88	97120.03	96696.78	96705.57	0.42	ppb
Strontium	86-1	81.44	81.70	82.39	81.84	0.60	ppb
Strontium	88-1	82.44	85.96	84.09	84.16	2.10	ppb
Sulfur	34-1	79022.28	81659.99	79660.73	80114.34	1.72	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.78	20.73	20.54	20.68	0.61	ppb
Thallium	205-1	21.03	20.71	20.78	20.84	0.81	ppb
Tin	118-1	51.27	50.74	50.46	50.82	0.81	ppb
Titanium	47-1	1967.03	1990.13	1977.40	1978.19	0.58	ppb
Uranium	238-1	50.74	50.60	50.48	50.61	0.26	ppb
Vanadium	51-2	20.74	19.54	20.41	20.23	3.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.61	32.86	33.88	32.78	3.48	ppb
Zirconium	90-1	49.94	50.09	50.47	50.17	0.55	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:27:13	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.03	50.41	50.49	50.31	0.49	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:30:20	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48184.90	48903.83	49035.89	48708.21	0.94	ppb
Antimony	121-1	499.51	498.35	509.30	502.38	1.20	ppb
Arsenic	75-2	498.72	496.73	495.53	497.00	0.32	ppb
Barium	135-1	2545.51	2503.18	2546.72	2531.81	0.98	ppb
Barium	137-1	2499.42	2493.58	2535.79	2509.60	0.91	ppb
Beryllium	9-1	489.64	487.49	486.10	487.75	0.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	474.96	497.80	503.62	492.13	3.08	ppb
Boron	11-1	482.08	490.14	498.31	490.18	1.66	ppb
Cadmium	111-1	487.99	486.16	494.15	489.43	0.86	ppb
Cadmium	106-1	498.84	502.00	498.42	499.75	0.39	ppb
Cadmium	108-1	488.50	495.16	497.43	493.70	0.94	ppb
Calcium	43-1	235765.66	234818.57	236777.23	235787.15	0.42	ppb
Calcium	44-1	232464.42	233428.37	232548.98	232813.92	0.23	ppb
Chromium	52-2	485.87	494.17	495.14	491.72	1.04	ppb
Cobalt	59-2	479.70	489.15	488.29	485.71	1.08	ppb
Copper	63-2	934.07	955.80	944.65	944.84	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	118758.64	121449.66	121376.51	120528.27	1.27	ppb
Iron	57-2	116453.05	118580.36	118541.85	117858.42	1.03	ppb
Lead	206-1	496.88	501.17	500.87	499.64	0.48	ppb
Lead	207-1	499.17	502.54	493.84	498.52	0.88	ppb
Lead	208-1	501.24	499.81	498.83	499.96	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	240033.18	243191.12	245234.07	242819.46	1.08	ppb
Manganese	55-2	979.94	990.97	992.39	987.77	0.69	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:30:20	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	501.76	497.77	501.37	500.30	0.44	ppb
Molybdenum	95-1	499.15	494.75	492.77	495.56	0.66	ppb
Molybdenum	96-1	501.28	492.95	499.97	498.06	0.90	ppb
Molybdenum	97-1	487.81	482.79	484.72	485.11	0.52	ppb
Molybdenum	98-1	501.31	494.53	497.92	497.92	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.02	484.61	486.39	482.34	1.15	ppb
Phosphorus	31-2	10148.49	10080.58	10214.35	10147.81	0.66	ppb
Potassium	39-2	122842.25	124833.47	125064.05	124246.59	0.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	575.64	462.15	467.76	501.85	12.75	ppb
Selenium	78-2	492.84	516.93	504.45	504.74	2.39	ppb
Selenium	82-1	494.28	486.00	488.49	489.59	0.87	ppb
Silicon	28-1	519.18	511.14	502.64	510.98	1.62	ppb
Silver	109-1	490.03	492.80	498.42	493.75	0.87	ppb
Silver	107-1	494.56	493.28	501.15	496.33	0.85	ppb
Sodium	23-2	239829.54	243229.50	245222.44	242760.49	1.12	ppb
Strontium	86-1	499.40	494.37	503.79	499.19	0.94	ppb
Strontium	88-1	511.27	498.97	513.01	507.75	1.51	ppb
Sulfur	34-1	8437.15	8811.17	8713.52	8653.95	2.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	507.75	502.13	502.94	504.27	0.60	ppb
Thallium	205-1	499.34	501.29	499.92	500.19	0.20	ppb
Tin	118-1	498.72	504.92	510.58	504.74	1.18	ppb
Titanium	47-1	488.03	489.34	484.24	487.20	0.54	ppb
Uranium	238-1	506.07	508.90	510.25	508.41	0.42	ppb
Vanadium	51-2	493.87	502.69	498.86	498.47	0.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	927.80	953.70	959.99	947.16	1.80	ppb
Zirconium	90-1	495.69	492.64	496.53	494.96	0.41	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:30:20	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.88	488.38	487.35	488.87	0.37	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P8
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 20:33:23 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.67	2.72	2.75	2.71	1.56	ppb
Antimony	121-1	0.26	0.23	0.25	0.25	7.13	ppb
Arsenic	75-2	-0.11	-0.05	-0.07	-0.08		ppb
Barium	135-1	0.02	-0.10	-0.06	-0.05		ppb
Barium	137-1	-0.07	-0.10	-0.09	-0.09		ppb
Beryllium	9-1	-0.04	-0.04	-0.12	-0.07		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.66	18.99	14.97	16.21	14.93	ppb
Boron	11-1	17.04	16.09	14.89	16.01	6.75	ppb
Cadmium	111-1	0.05	-0.01	0.01	0.02	155.55	ppb
Cadmium	106-1	0.81	-0.01	0.70	0.50	89.68	ppb
Cadmium	108-1	0.09	-0.14	-0.03	-0.03		ppb
Calcium	43-1	5.59	4.84	2.72	4.38	33.86	ppb
Calcium	44-1	15.82	10.13	9.00	11.65	31.39	ppb
Chromium	52-2	-0.07	-0.15	-0.01	-0.08		ppb
Cobalt	59-2	-0.12	-0.13	-0.11	-0.12		ppb
Copper	63-2	-0.05	-0.01	0.02	-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	5.06	4.24	4.92	4.74	9.22	ppb
Iron	57-2	7.54	1.76	4.26	4.52	64.09	ppb
Lead	206-1	0.04	0.10	0.03	0.05	69.76	ppb
Lead	207-1	0.07	0.03	0.04	0.05	47.47	ppb
Lead	208-1	0.06	0.05	0.05	0.05	11.05	ppb
Lithium	6-1						%
Magnesium	24-2	3.36	6.30	6.38	5.35	32.21	ppb
Manganese	55-2	0.03	-0.07	-0.11	-0.05		ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:33:23	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.06	0.06	20.84	ppb
Molybdenum	95-1	0.04	0.06	0.05	0.05	12.99	ppb
Molybdenum	96-1	0.05	0.07	0.02	0.05	55.07	ppb
Molybdenum	97-1	0.07	0.03	0.01	0.04	75.00	ppb
Molybdenum	98-1	0.07	0.04	0.03	0.05	38.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.13	-0.07	-0.11		ppb
Phosphorus	31-2	3.54	25.57	25.89	18.33	69.87	ppb
Potassium	39-2	15.21	36.05	32.65	27.97	39.96	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	-1.22	-0.31	-0.31	-0.61		ppb
Selenium	82-1	-0.60	-0.89	-0.20	-0.56		ppb
Silicon	28-1	-11.91	-9.47	-10.89	-10.76		ppb
Silver	109-1	0.07	0.04	0.05	0.05	26.59	ppb
Silver	107-1	0.07	0.04	0.05	0.05	24.96	ppb
Sodium	23-2	107.41	98.98	106.55	104.31	4.44	ppb
Strontium	86-1	0.05	0.02	0.05	0.04	42.69	ppb
Strontium	88-1	0.02	0.01	0.01	0.02	46.48	ppb
Sulfur	34-1	-1348.04	-1193.39	-1357.66	-1299.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.15	0.11	0.10	0.12	20.08	ppb
Thallium	205-1	0.14	0.10	0.07	0.10	37.90	ppb
Tin	118-1	0.09	0.08	0.10	0.09	14.83	ppb
Titanium	47-1	0.03	0.06	0.03	0.04	46.00	ppb
Uranium	238-1	-0.10	-0.11	-0.13	-0.11		ppb
Vanadium	51-2	-0.09	-0.10	-0.08	-0.09		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.15	0.06	0.07	0.09	50.23	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	16.82	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:33:23	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.04	0.04	19.62	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:36:34	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.83	23.50	11.03	17.45	35.79	ppb
Antimony	121-1	1.92	1.86	1.99	1.92	3.28	ppb
Arsenic	75-2	0.69	0.83	0.71	0.74	10.03	ppb
Barium	135-1	9.02	9.34	9.14	9.17	1.75	ppb
Barium	137-1	8.99	9.14	9.05	9.06	0.86	ppb
Beryllium	9-1	0.71	0.77	0.66	0.71	7.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.18	30.53	29.66	29.46	4.03	ppb
Boron	11-1	27.33	29.83	28.78	28.65	4.38	ppb
Cadmium	111-1	1.04	0.93	0.94	0.97	6.21	ppb
Cadmium	106-1	1.90	2.19	1.39	1.83	22.27	ppb
Cadmium	108-1	0.62	0.67	0.59	0.63	5.74	ppb
Calcium	43-1	420.28	428.49	452.59	433.79	3.87	ppb
Calcium	44-1	437.79	436.11	437.22	437.04	0.20	ppb
Chromium	52-2	1.67	1.74	2.01	1.81	9.87	ppb
Cobalt	59-2	0.86	0.83	0.83	0.84	2.18	ppb
Copper	63-2	1.83	1.99	1.75	1.86	6.34	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	50.46	48.09	49.52	49.36	2.42	ppb
Iron	57-2	47.62	42.36	46.26	45.41	6.01	ppb
Lead	206-1	0.88	0.94	0.87	0.90	4.66	ppb
Lead	207-1	0.82	0.87	0.90	0.87	5.03	ppb
Lead	208-1	0.85	0.92	0.87	0.88	4.16	ppb
Lithium	6-1						%
Magnesium	24-2	503.72	465.35	446.82	471.97	6.15	ppb
Manganese	55-2	0.84	1.09	0.76	0.90	19.24	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:36:34	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.94	1.89	2.00	1.94	2.65	ppb
Molybdenum	95-1	4.31	4.36	4.22	4.30	1.70	ppb
Molybdenum	96-1	3.67	3.84	3.72	3.74	2.34	ppb
Molybdenum	97-1	4.52	4.16	4.28	4.32	4.31	ppb
Molybdenum	98-1	4.31	4.26	4.34	4.31	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.87	0.90	0.90	3.02	ppb
Phosphorus	31-2	25.82	-18.04	3.71	3.83	572.51	ppb
Potassium	39-2	469.23	493.77	510.17	491.06	4.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.54	11.22	5.59	100.41	ppb
Selenium	78-2	8.76	4.31	5.30	6.13	38.11	ppb
Selenium	82-1	4.49	4.72	4.56	4.59	2.62	ppb
Silicon	28-1	7.49	10.05	6.53	8.02	22.68	ppb
Silver	109-1	0.96	0.97	0.95	0.96	1.12	ppb
Silver	107-1	1.01	0.98	0.97	0.99	1.90	ppb
Sodium	23-2	542.82	522.76	544.64	536.74	2.26	ppb
Strontium	86-1	1.07	1.03	0.90	1.00	8.81	ppb
Strontium	88-1	0.93	0.89	0.95	0.93	3.64	ppb
Sulfur	34-1	-1130.85	-1069.07	-1192.74	-1130.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.91	0.95	0.98	0.94	3.84	ppb
Thallium	205-1	0.93	0.93	0.97	0.95	2.44	ppb
Tin	118-1	4.39	4.53	4.71	4.55	3.56	ppb
Titanium	47-1	4.77	4.52	4.76	4.68	2.98	ppb
Uranium	238-1	0.75	0.74	0.76	0.75	0.94	ppb
Vanadium	51-2	4.37	4.55	4.40	4.44	2.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.60	1.95	2.35	2.30	14.19	ppb
Zirconium	90-1	0.98	0.87	0.93	0.93	5.75	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:36:34	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.84	0.97	0.92	7.50	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : PB103754BL Instrumnet Name : P8
 Client Sample ID : PB103754BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 20:57:51 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.50	0.98	1.09	2.19	91.66	ppb
Antimony	121-1	0.02	0.01	0.02	0.01	57.47	ppb
Arsenic	75-2	-0.09	-0.09	-0.07	-0.08		ppb
Barium	135-1	-0.11	-0.14	-0.10	-0.12		ppb
Barium	137-1	-0.18	-0.18	-0.16	-0.17		ppb
Beryllium	9-1	-0.18	-0.21	-0.22	-0.20		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.37	1.15	1.46	1.33	12.24	ppb
Boron	11-1	1.24	1.00	1.33	1.19	14.24	ppb
Cadmium	111-1	-0.05	-0.09	0.00	-0.05		ppb
Cadmium	106-1	0.04	-0.33	0.75	0.16	352.98	ppb
Cadmium	108-1	-0.03	-0.14	-0.14	-0.10		ppb
Calcium	43-1	-8.76	2.39	-7.64	-4.67		ppb
Calcium	44-1	0.06	2.24	1.49	1.26	87.59	ppb
Chromium	52-2	-0.15	-0.08	-0.01	-0.08		ppb
Cobalt	59-2	-0.13	-0.12	-0.14	-0.13		ppb
Copper	63-2	-0.12	-0.10	-0.12	-0.12		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	0.30	0.51	0.24	0.35	40.50	ppb
Iron	57-2	1.84	0.71	-1.66	0.30	598.72	ppb
Lead	206-1	-0.14	-0.15	-0.16	-0.15		ppb
Lead	207-1	-0.15	-0.15	-0.14	-0.15		ppb
Lead	208-1	-0.14	-0.15	-0.15	-0.15		ppb
Lithium	6-1						%
Magnesium	24-2	1.74	0.45	0.24	0.81	99.82	ppb
Manganese	55-2	-0.09	-0.08	-0.11	-0.09		ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	PB103754BL	Instrumnet Name :	P8
Client Sample ID :	PB103754BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:57:51	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.03	-0.02	-0.02		ppb
Molybdenum	95-1	-0.06	-0.07	-0.07	-0.07		ppb
Molybdenum	96-1	-0.06	-0.06	-0.06	-0.06		ppb
Molybdenum	97-1	-0.08	-0.07	-0.08	-0.08		ppb
Molybdenum	98-1	-0.09	-0.08	-0.08	-0.08		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.20	-0.19	-0.17		ppb
Phosphorus	31-2	4.15	-18.04	48.03	11.38	295.49	ppb
Potassium	39-2	21.58	8.24	20.55	16.79	44.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.47	0.00	1.82	173.21	ppb
Selenium	78-2	-1.22	0.60	-1.22	-0.62		ppb
Selenium	82-1	-0.38	0.00	0.20	-0.06		ppb
Silicon	28-1	-8.63	-7.14	-7.41	-7.73		ppb
Silver	109-1	0.01	0.01	0.00	0.01	29.43	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	19.13	19.16	32.21	23.50	32.09	ppb
Strontium	86-1	0.04	0.01	0.03	0.03	49.96	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	103.12	ppb
Sulfur	34-1	-838.81	-735.45	-524.45	-699.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.05	-0.06	-0.05	-0.05		ppb
Thallium	205-1	-0.06	-0.06	-0.06	-0.06		ppb
Tin	118-1	0.00	-0.03	0.01	-0.01		ppb
Titanium	47-1	0.03	0.07	0.01	0.04	85.23	ppb
Uranium	238-1	-0.14	-0.14	-0.15	-0.14		ppb
Vanadium	51-2	-0.12	-0.10	-0.12	-0.12		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.13	-0.17	-0.14	-0.15		ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	PB103754BL	Instrumnet Name :	P8
Client Sample ID :	PB103754BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:57:51	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	-0.01	0.01	246.22	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	PB103754BS	Instrumnet Name :	P8
Client Sample ID :	PB103754BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:01:02	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9660.96	9965.57	9772.73	9799.75	1.57	ppb
Antimony	121-1	503.49	511.69	514.44	509.87	1.12	ppb
Arsenic	75-2	496.15	496.23	495.77	496.05	0.05	ppb
Barium	135-1	2519.52	2531.47	2556.58	2535.86	0.75	ppb
Barium	137-1	2467.70	2513.78	2524.42	2501.96	1.20	ppb
Beryllium	9-1	507.16	508.55	502.06	505.92	0.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	484.65	500.30	500.22	495.06	1.82	ppb
Boron	11-1	471.86	490.61	487.91	483.46	2.10	ppb
Cadmium	111-1	501.22	501.45	505.93	502.87	0.53	ppb
Cadmium	106-1	502.62	508.97	505.32	505.64	0.63	ppb
Cadmium	108-1	499.87	494.88	500.06	498.27	0.59	ppb
Calcium	43-1	47887.69	48670.14	48632.16	48396.66	0.91	ppb
Calcium	44-1	48061.30	48362.31	47845.80	48089.80	0.54	ppb
Chromium	52-2	485.86	495.62	494.37	491.95	1.08	ppb
Cobalt	59-2	494.53	503.21	496.54	498.09	0.91	ppb
Copper	63-2	974.22	990.36	989.18	984.59	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25040.21	25391.10	25333.24	25254.85	0.74	ppb
Iron	57-2	24449.76	24951.20	24888.30	24763.08	1.10	ppb
Lead	206-1	495.12	498.92	490.24	494.76	0.88	ppb
Lead	207-1	488.44	494.46	493.80	492.23	0.67	ppb
Lead	208-1	494.89	498.54	494.52	495.99	0.45	ppb
Lithium	6-1						%
Magnesium	24-2	50381.43	51296.84	51000.87	50893.05	0.92	ppb
Manganese	55-2	990.88	999.09	991.47	993.81	0.46	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	PB103754BS	Instrumnet Name :	P8
Client Sample ID :	PB103754BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:01:02	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	492.99	494.58	501.12	496.23	0.87	ppb
Molybdenum	95-1	489.16	495.64	485.67	490.16	1.03	ppb
Molybdenum	96-1	492.10	494.14	506.05	497.43	1.51	ppb
Molybdenum	97-1	481.30	486.50	483.21	483.67	0.54	ppb
Molybdenum	98-1	493.99	495.80	496.28	495.36	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.59	501.58	497.50	496.55	1.12	ppb
Phosphorus	31-2	8303.44	10764.14	10894.52	9987.36	14.62	ppb
Potassium	39-2	25102.10	25595.39	25536.04	25411.18	1.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	477.91	505.63	480.73	488.09	3.13	ppb
Selenium	78-2	539.08	493.51	499.16	510.58	4.87	ppb
Selenium	82-1	496.50	495.80	500.79	497.70	0.54	ppb
Silicon	28-1	514.53	518.92	514.01	515.82	0.52	ppb
Silver	109-1	503.63	505.09	511.94	506.89	0.87	ppb
Silver	107-1	504.81	513.21	511.12	509.71	0.86	ppb
Sodium	23-2	49700.00	50701.04	50335.05	50245.36	1.01	ppb
Strontium	86-1	481.87	486.59	487.53	485.33	0.62	ppb
Strontium	88-1	491.79	490.16	494.36	492.10	0.43	ppb
Sulfur	34-1	9303.89	9451.55	9460.55	9405.33	0.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	496.92	497.71	495.18	496.60	0.26	ppb
Thallium	205-1	492.73	494.07	493.42	493.40	0.14	ppb
Tin	118-1	501.47	504.85	509.72	505.35	0.82	ppb
Titanium	47-1	495.20	493.72	495.13	494.68	0.17	ppb
Uranium	238-1	488.87	486.94	484.23	486.68	0.48	ppb
Vanadium	51-2	493.58	500.92	496.60	497.03	0.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	973.18	981.73	981.95	978.95	0.51	ppb
Zirconium	90-1	485.74	487.59	496.45	489.93	1.17	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	PB103754BS	Instrumnet Name :	P8
Client Sample ID :	PB103754BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:01:02	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.94	486.92	487.31	485.72	0.50	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:04:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.91	53.69	47.17	47.59	12.40	ppb
Antimony	121-1	0.52	0.53	0.51	0.52	1.50	ppb
Arsenic	75-2	0.08	0.09	0.10	0.09	10.38	ppb
Barium	135-1	39.07	39.73	39.93	39.58	1.13	ppb
Barium	137-1	39.73	39.19	39.63	39.52	0.73	ppb
Beryllium	9-1	-0.16	-0.15	-0.06	-0.12		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.11	28.01	27.07	27.73	2.07	ppb
Boron	11-1	31.78	28.53	27.57	29.30	7.52	ppb
Cadmium	111-1	0.01	0.03	0.01	0.02	71.60	ppb
Cadmium	106-1	-0.60	0.19	-0.21	-0.21		ppb
Cadmium	108-1	0.11	0.00	0.22	0.11	102.32	ppb
Calcium	43-1	36959.00	37233.89	37215.76	37136.22	0.41	ppb
Calcium	44-1	36805.94	36991.59	37117.91	36971.81	0.42	ppb
Chromium	52-2	-0.09	-0.20	-0.25	-0.18		ppb
Cobalt	59-2	-0.05	-0.04	-0.06	-0.05		ppb
Copper	63-2	354.83	356.60	355.82	355.75	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	136.95	133.54	136.24	135.58	1.33	ppb
Iron	57-2	126.83	139.53	139.13	135.17	5.34	ppb
Lead	206-1	8.08	8.12	8.02	8.07	0.60	ppb
Lead	207-1	7.37	7.35	7.28	7.33	0.65	ppb
Lead	208-1	7.71	7.63	7.59	7.64	0.78	ppb
Lithium	6-1						%
Magnesium	24-2	11901.89	11988.80	11710.12	11866.94	1.20	ppb
Manganese	55-2	21.78	21.34	21.40	21.51	1.11	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:04:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.09	0.11	0.10	11.59	ppb
Molybdenum	95-1	0.29	0.31	0.27	0.29	6.84	ppb
Molybdenum	96-1	0.31	0.23	0.29	0.28	14.25	ppb
Molybdenum	97-1	0.42	0.38	0.21	0.33	33.53	ppb
Molybdenum	98-1	0.31	0.29	0.28	0.29	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.82	10.18	10.42	10.47	3.06	ppb
Phosphorus	31-2	23.26	2.29	-18.04	2.51	824.40	ppb
Potassium	39-2	2613.28	2638.08	2660.75	2637.37	0.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	15.68	5.24	0.00	6.97	114.50	ppb
Selenium	78-2	1.39	2.26	-1.22	0.81	224.18	ppb
Selenium	82-1	0.18	0.29	-0.01	0.15	102.14	ppb
Silicon	28-1	3627.97	3577.08	3579.79	3594.95	0.80	ppb
Silver	109-1	0.33	0.25	0.37	0.32	19.78	ppb
Silver	107-1	0.28	0.34	0.36	0.33	12.29	ppb
Sodium	23-2	45579.54	45647.43	45945.87	45724.28	0.43	ppb
Strontium	86-1	103.86	103.53	104.89	104.09	0.68	ppb
Strontium	88-1	107.30	107.14	107.71	107.38	0.27	ppb
Sulfur	34-1	1076.02	1185.00	1170.69	1143.91	5.18	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.37	0.31	0.24	0.31	21.56	ppb
Thallium	205-1	0.34	0.29	0.25	0.29	16.68	ppb
Tin	118-1	1.54	1.48	1.43	1.48	3.72	ppb
Titanium	47-1	0.19	0.14	0.20	0.18	19.29	ppb
Uranium	238-1	-0.01	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	0.08	0.00	0.04	0.04	108.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	220.35	217.58	218.44	218.79	0.65	ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	27.68	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:04:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.03	0.02	57.30	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-02	Instrumnet Name :	P8
Client Sample ID :	33HY03BC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:07:15	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.77	39.27	27.56	32.87	18.05	ppb
Antimony	121-1	0.29	0.27	0.29	0.28	3.27	ppb
Arsenic	75-2	0.01	0.05	0.05	0.03	71.89	ppb
Barium	135-1	40.48	39.60	39.19	39.75	1.66	ppb
Barium	137-1	39.62	38.80	38.63	39.02	1.36	ppb
Beryllium	9-1	-0.13	-0.16	-0.14	-0.14		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.93	19.48	23.26	20.56	11.46	ppb
Boron	11-1	19.34	20.35	20.76	20.15	3.63	ppb
Cadmium	111-1	0.01	-0.01	-0.01	0.00		ppb
Cadmium	106-1	0.57	0.29	0.20	0.35	54.65	ppb
Cadmium	108-1	-0.04	0.00	-0.07	-0.04		ppb
Calcium	43-1	37672.50	36491.75	37624.68	37262.98	1.79	ppb
Calcium	44-1	37246.81	36403.85	37294.15	36981.60	1.35	ppb
Chromium	52-2	-0.11	-0.15	-0.26	-0.17		ppb
Cobalt	59-2	-0.09	-0.08	-0.07	-0.08		ppb
Copper	63-2	438.07	450.68	442.04	443.60	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	264.00	268.43	265.35	265.93	0.85	ppb
Iron	57-2	263.63	268.03	272.14	267.93	1.59	ppb
Lead	206-1	7.07	6.95	6.90	6.97	1.25	ppb
Lead	207-1	6.24	6.21	6.49	6.31	2.40	ppb
Lead	208-1	6.64	6.54	6.63	6.60	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	11942.23	11918.89	12000.29	11953.80	0.35	ppb
Manganese	55-2	15.97	17.45	16.38	16.60	4.62	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-02	Instrumnet Name :	P8
Client Sample ID :	33HY03BC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:07:15	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.12	0.10	0.11	10.58	ppb
Molybdenum	95-1	0.21	0.32	0.30	0.27	21.72	ppb
Molybdenum	96-1	0.22	0.23	0.21	0.22	4.28	ppb
Molybdenum	97-1	0.28	0.27	0.24	0.26	7.46	ppb
Molybdenum	98-1	0.30	0.32	0.27	0.29	8.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.43	6.72	7.00	6.72	4.19	ppb
Phosphorus	31-2	42.71	65.58	2.50	36.93	86.48	ppb
Potassium	39-2	2592.11	2645.92	2648.86	2628.96	1.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	10.61	5.23	5.28	100.46	ppb
Selenium	78-2	-1.22	-1.22	-0.35	-0.93		ppb
Selenium	82-1	0.15	0.33	0.28	0.25	37.58	ppb
Silicon	28-1	3795.87	3710.47	3773.19	3759.84	1.18	ppb
Silver	109-1	0.27	0.29	0.30	0.29	5.26	ppb
Silver	107-1	0.32	0.32	0.35	0.33	4.63	ppb
Sodium	23-2	45582.03	45543.05	45297.20	45474.09	0.34	ppb
Strontium	86-1	102.41	103.56	103.11	103.03	0.56	ppb
Strontium	88-1	107.07	106.22	106.77	106.69	0.41	ppb
Sulfur	34-1	1885.42	1738.70	2125.04	1916.38	10.18	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.02	0.01	84.08	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	470.11	ppb
Tin	118-1	1.84	1.78	1.77	1.79	2.09	ppb
Titanium	47-1	0.18	0.20	0.26	0.21	19.90	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.15	0.06	0.06	0.09	59.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	114.18	117.98	112.52	114.89	2.43	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	16.85	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-02	Instrumnet Name :	P8
Client Sample ID :	33HY03BC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:07:15	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.04	0.04	41.22	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-03	Instrumnet Name :	P8
Client Sample ID :	33HY04AC-FL1ICE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:10:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.32	14.11	5.80	9.07	48.74	ppb
Antimony	121-1	0.13	0.15	0.17	0.15	15.56	ppb
Arsenic	75-2	-0.09	0.03	-0.05	-0.04		ppb
Barium	135-1	0.23	0.16	0.14	0.18	27.80	ppb
Barium	137-1	0.18	0.12	0.18	0.16	19.60	ppb
Beryllium	9-1	-0.22	-0.21	-0.21	-0.21		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.24	3.63	2.78	3.22	13.25	ppb
Boron	11-1	3.51	3.45	2.91	3.29	10.11	ppb
Cadmium	111-1	-0.06	0.02	-0.08	-0.04		ppb
Cadmium	106-1	-0.29	0.60	-0.91	-0.20		ppb
Cadmium	108-1	-0.11	-0.07	-0.14	-0.11		ppb
Calcium	43-1	220.86	231.48	249.26	233.87	6.14	ppb
Calcium	44-1	241.99	240.24	243.84	242.03	0.74	ppb
Chromium	52-2	-0.15	-0.10	0.10	-0.05		ppb
Cobalt	59-2	-0.15	-0.16	-0.17	-0.16		ppb
Copper	63-2	6.36	6.58	6.29	6.41	2.30	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	19.27	19.29	18.80	19.12	1.46	ppb
Iron	57-2	19.46	14.22	12.56	15.41	23.36	ppb
Lead	206-1	0.04	0.03	0.03	0.03	13.80	ppb
Lead	207-1	0.02	0.03	0.03	0.03	14.57	ppb
Lead	208-1	0.03	0.02	0.03	0.03	16.53	ppb
Lithium	6-1						%
Magnesium	24-2	54.47	60.14	58.92	57.85	5.16	ppb
Manganese	55-2	0.37	0.31	0.16	0.28	37.13	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-03	Instrumnet Name :	P8
Client Sample ID :	33HY04AC-FL1ICE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:10:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	-0.06	-0.06	-0.07	-0.06		ppb
Molybdenum	96-1	-0.06	-0.04	-0.04	-0.05		ppb
Molybdenum	97-1	-0.06	-0.05	-0.09	-0.06		ppb
Molybdenum	98-1	-0.09	-0.06	-0.06	-0.07		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.58	0.66	0.68	16.48	ppb
Phosphorus	31-2	86.61	3.39	3.10	31.03	155.10	ppb
Potassium	39-2	53.05	63.90	69.03	61.99	13.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.41	1.80	173.21	ppb
Selenium	78-2	-1.22	-0.33	-1.22	-0.93		ppb
Selenium	82-1	0.23	0.01	-0.22	0.01	3421.97	ppb
Silicon	28-1	16.78	20.53	20.24	19.18	10.88	ppb
Silver	109-1	0.27	0.29	0.28	0.28	4.03	ppb
Silver	107-1	0.27	0.28	0.32	0.29	8.58	ppb
Sodium	23-2	379.00	390.48	399.40	389.62	2.62	ppb
Strontium	86-1	0.57	0.68	0.46	0.57	19.64	ppb
Strontium	88-1	0.54	0.56	0.55	0.55	2.17	ppb
Sulfur	34-1	-1612.11	-1554.17	-1372.57	-1512.95		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.05	-0.05	-0.04	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.04	-0.05		ppb
Tin	118-1	12.23	12.23	12.38	12.28	0.71	ppb
Titanium	47-1	0.27	0.25	0.24	0.25	6.29	ppb
Uranium	238-1	-0.15	-0.15	-0.15	-0.15		ppb
Vanadium	51-2	-0.12	-0.08	-0.12	-0.11		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.75	33.59	34.06	33.47	1.98	ppb
Zirconium	90-1	0.04	0.02	0.04	0.04	27.72	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-03	Instrumnet Name :	P8
Client Sample ID :	33HY04AC-FL1ICE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:10:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.04	0.04	11.69	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-04	Instrumnet Name :	P8
Client Sample ID :	20HY01CC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:13:37	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.66	0.94	1.14	2.58	103.29	ppb
Antimony	121-1	0.19	0.19	0.19	0.19	1.43	ppb
Arsenic	75-2	0.10	0.09	0.12	0.11	17.36	ppb
Barium	135-1	40.53	39.91	39.26	39.90	1.59	ppb
Barium	137-1	39.46	39.36	38.92	39.25	0.74	ppb
Beryllium	9-1	-0.22	-0.24	-0.20	-0.22		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.19	16.71	15.08	15.66	5.82	ppb
Boron	11-1	15.27	14.97	14.79	15.01	1.63	ppb
Cadmium	111-1	0.05	0.05	0.02	0.04	39.84	ppb
Cadmium	106-1	0.71	0.29	0.51	0.50	42.17	ppb
Cadmium	108-1	-0.11	-0.04	0.03	-0.04		ppb
Calcium	43-1	36665.81	37599.65	36728.01	36997.83	1.41	ppb
Calcium	44-1	36621.17	37065.76	36748.59	36811.84	0.62	ppb
Chromium	52-2	-0.18	-0.22	-0.16	-0.19		ppb
Cobalt	59-2	-0.14	-0.14	-0.11	-0.13		ppb
Copper	63-2	354.03	351.96	379.27	361.76	4.20	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	427.34	424.91	453.27	435.17	3.61	ppb
Iron	57-2	393.39	431.64	429.43	418.15	5.14	ppb
Lead	206-1	8.97	9.10	9.23	9.10	1.45	ppb
Lead	207-1	8.25	8.33	8.23	8.27	0.62	ppb
Lead	208-1	8.57	8.62	8.76	8.65	1.10	ppb
Lithium	6-1						%
Magnesium	24-2	12036.24	11931.55	12935.75	12301.18	4.49	ppb
Manganese	55-2	10.85	10.85	11.04	10.91	1.01	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-04	Instrumnet Name :	P8
Client Sample ID :	20HY01CC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:13:37	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.10	0.09	0.09	14.90	ppb
Molybdenum	95-1	0.22	0.28	0.27	0.25	13.28	ppb
Molybdenum	96-1	0.20	0.20	0.20	0.20	0.84	ppb
Molybdenum	97-1	0.27	0.24	0.29	0.27	9.48	ppb
Molybdenum	98-1	0.22	0.26	0.23	0.24	8.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	2.02	2.18	2.00	9.71	ppb
Phosphorus	31-2	-18.04	24.15	4.35	3.49	605.14	ppb
Potassium	39-2	2569.37	2604.48	2829.39	2667.75	5.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.21	0.00	0.00	1.74	173.21	ppb
Selenium	78-2	1.38	-1.22	0.66	0.27	494.21	ppb
Selenium	82-1	0.18	-0.24	-0.84	-0.30		ppb
Silicon	28-1	3680.55	3705.30	3648.85	3678.24	0.77	ppb
Silver	109-1	0.23	0.30	0.26	0.26	13.36	ppb
Silver	107-1	0.22	0.24	0.24	0.24	4.63	ppb
Sodium	23-2	45739.42	45866.11	48844.59	46816.71	3.75	ppb
Strontium	86-1	103.19	102.75	102.57	102.83	0.31	ppb
Strontium	88-1	108.10	106.62	105.71	106.81	1.13	ppb
Sulfur	34-1	2016.30	2081.33	1790.16	1962.60	7.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.06	-0.05	-0.06	-0.06		ppb
Thallium	205-1	-0.07	-0.07	-0.06	-0.07		ppb
Tin	118-1	0.18	0.15	0.15	0.16	9.50	ppb
Titanium	47-1	0.24	0.20	0.22	0.22	10.01	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	44.44	ppb
Vanadium	51-2	0.06	0.26	0.18	0.16	61.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	104.34	104.05	108.60	105.66	2.41	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	18.72	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-04	Instrumnet Name :	P8
Client Sample ID :	20HY01CC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:13:37	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.02	0.01	102.94	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-05	Instrumnet Name :	P8
Client Sample ID :	32HY01AC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:16:47	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.23	0.99	2.50	2.57	62.87	ppb
Antimony	121-1	0.25	0.28	0.34	0.29	15.50	ppb
Arsenic	75-2	0.03	-0.09	0.01	-0.02		ppb
Barium	135-1	39.58	39.07	39.69	39.45	0.84	ppb
Barium	137-1	39.09	38.64	39.28	39.00	0.84	ppb
Beryllium	9-1	-0.15	-0.26	-0.26	-0.22		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.60	14.50	15.67	15.26	4.31	ppb
Boron	11-1	14.61	16.68	14.87	15.39	7.35	ppb
Cadmium	111-1	0.14	0.03	0.04	0.07	80.33	ppb
Cadmium	106-1	1.30	0.28	-0.13	0.48	152.38	ppb
Cadmium	108-1	-0.15	-0.04	-0.15	-0.11		ppb
Calcium	43-1	37462.64	37459.69	37778.06	37566.80	0.49	ppb
Calcium	44-1	37278.11	37291.54	37541.06	37370.24	0.40	ppb
Chromium	52-2	-0.41	-0.31	-0.24	-0.32		ppb
Cobalt	59-2	-0.03	-0.03	0.00	-0.02		ppb
Copper	63-2	371.11	371.51	359.02	367.21	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	54.53	53.94	51.94	53.47	2.54	ppb
Iron	57-2	48.55	53.68	51.73	51.32	5.04	ppb
Lead	206-1	12.33	12.33	12.23	12.30	0.51	ppb
Lead	207-1	11.05	11.33	11.29	11.22	1.36	ppb
Lead	208-1	11.67	11.67	11.76	11.70	0.44	ppb
Lithium	6-1						%
Magnesium	24-2	12215.92	12134.71	11909.48	12086.70	1.31	ppb
Manganese	55-2	124.42	121.39	118.16	121.32	2.58	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-05	Instrumnet Name :	P8
Client Sample ID :	32HY01AC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:16:47	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.08	0.10	0.08	11.42	ppb
Molybdenum	95-1	0.32	0.23	0.24	0.26	19.29	ppb
Molybdenum	96-1	0.19	0.20	0.23	0.21	9.60	ppb
Molybdenum	97-1	0.32	0.26	0.32	0.30	11.91	ppb
Molybdenum	98-1	0.23	0.29	0.27	0.26	10.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.36	30.62	30.10	30.36	0.86	ppb
Phosphorus	31-2	24.55	24.81	2.81	17.39	72.62	ppb
Potassium	39-2	2647.86	2631.17	2552.32	2610.45	1.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.40	0.00	1.80	173.21	ppb
Selenium	78-2	0.57	-0.33	-0.32	-0.03		ppb
Selenium	82-1	-0.05	0.37	-0.28	0.01	2230.53	ppb
Silicon	28-1	3634.92	3618.73	3611.17	3621.60	0.34	ppb
Silver	109-1	0.20	0.20	0.24	0.21	9.89	ppb
Silver	107-1	0.20	0.21	0.21	0.21	4.56	ppb
Sodium	23-2	47411.55	47548.74	46279.85	47080.05	1.48	ppb
Strontium	86-1	107.50	106.91	106.59	107.00	0.43	ppb
Strontium	88-1	110.50	109.84	110.93	110.42	0.50	ppb
Sulfur	34-1	2338.59	2439.01	2594.01	2457.20	5.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.07	-0.06	-0.07	-0.07		ppb
Thallium	205-1	-0.08	-0.07	-0.07	-0.08		ppb
Tin	118-1	9.67	9.59	9.66	9.64	0.42	ppb
Titanium	47-1	0.17	0.32	0.33	0.27	32.38	ppb
Uranium	238-1	0.05	0.03	0.04	0.04	21.97	ppb
Vanadium	51-2	0.00	0.03	0.03	0.02	108.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	284.44	281.45	281.00	282.29	0.66	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	138.64	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-05	Instrumnet Name :	P8
Client Sample ID :	32HY01AC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:16:47	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.01	0.02	40.61	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-06	Instrumnet Name :	P8
Client Sample ID :	32HY01BC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:19:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.98	-0.59	2.70	3.70	131.62	ppb
Antimony	121-1	0.30	0.29	0.28	0.29	3.01	ppb
Arsenic	75-2	0.07	0.01	0.05	0.05	66.23	ppb
Barium	135-1	38.91	39.13	38.36	38.80	1.02	ppb
Barium	137-1	38.30	38.53	38.45	38.43	0.30	ppb
Beryllium	9-1	-0.26	-0.23	-0.22	-0.24		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.36	15.20	15.41	14.99	3.72	ppb
Boron	11-1	14.76	14.05	14.49	14.44	2.48	ppb
Cadmium	111-1	-0.04	0.01	-0.06	-0.03		ppb
Cadmium	106-1	-0.33	0.67	-0.67	-0.11		ppb
Cadmium	108-1	-0.04	0.03	-0.08	-0.03		ppb
Calcium	43-1	38485.46	37775.75	37684.21	37981.80	1.15	ppb
Calcium	44-1	38108.22	37714.38	37433.32	37751.97	0.90	ppb
Chromium	52-2	-0.25	-0.14	-0.15	-0.18		ppb
Cobalt	59-2	-0.05	-0.09	-0.07	-0.07		ppb
Copper	63-2	230.81	239.46	233.10	234.46	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	63.42	65.37	63.89	64.23	1.58	ppb
Iron	57-2	61.71	65.99	56.40	61.36	7.83	ppb
Lead	206-1	7.31	7.23	7.38	7.31	0.99	ppb
Lead	207-1	6.68	6.87	6.86	6.80	1.60	ppb
Lead	208-1	7.03	7.03	7.10	7.05	0.54	ppb
Lithium	6-1						%
Magnesium	24-2	11933.86	12426.02	12198.92	12186.27	2.02	ppb
Manganese	55-2	91.73	92.24	93.87	92.61	1.21	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-06	Instrumnet Name :	P8
Client Sample ID :	32HY01BC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:19:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.07	0.11	0.09	23.48	ppb
Molybdenum	95-1	0.23	0.29	0.28	0.26	12.18	ppb
Molybdenum	96-1	0.23	0.18	0.18	0.20	14.45	ppb
Molybdenum	97-1	0.34	0.19	0.30	0.28	28.20	ppb
Molybdenum	98-1	0.24	0.27	0.24	0.25	6.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.79	13.69	13.37	13.29	3.43	ppb
Phosphorus	31-2	24.08	4.08	-18.04	3.37	624.85	ppb
Potassium	39-2	2657.89	2734.87	2634.90	2675.89	1.96	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	-0.32	2.42	-1.22	0.29	647.94	ppb
Selenium	82-1	0.47	0.34	0.06	0.29	72.69	ppb
Silicon	28-1	3714.92	3646.45	3630.39	3663.92	1.23	ppb
Silver	109-1	0.17	0.19	0.19	0.18	5.90	ppb
Silver	107-1	0.19	0.18	0.23	0.20	13.08	ppb
Sodium	23-2	46951.20	48770.52	47247.15	47656.29	2.05	ppb
Strontium	86-1	107.57	107.07	106.73	107.12	0.39	ppb
Strontium	88-1	111.57	110.94	109.99	110.83	0.72	ppb
Sulfur	34-1	2764.21	2426.72	2335.96	2508.96	8.99	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.07	-0.07	-0.07	-0.07		ppb
Thallium	205-1	-0.08	-0.08	-0.08	-0.08		ppb
Tin	118-1	4.64	4.46	4.37	4.49	3.12	ppb
Titanium	47-1	0.19	0.26	0.22	0.23	17.25	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	23.21	ppb
Vanadium	51-2	0.12	0.08	0.15	0.11	31.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	148.30	150.72	151.99	150.34	1.25	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	133.99	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-06	Instrumnet Name :	P8
Client Sample ID :	32HY01BC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:19:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.02	21.62	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-07	Instrumnet Name :	P8
Client Sample ID :	04HY01CC-FL2-HA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:23:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	0.96	2.66	1.55	61.90	ppb
Antimony	121-1	0.17	0.19	0.20	0.19	7.52	ppb
Arsenic	75-2	-0.05	0.12	-0.03	0.01	708.40	ppb
Barium	135-1	42.06	40.90	41.72	41.56	1.44	ppb
Barium	137-1	41.82	41.61	40.91	41.45	1.15	ppb
Beryllium	9-1	-0.22	-0.28	-0.26	-0.25		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.71	14.11	15.38	14.07	9.50	ppb
Boron	11-1	13.87	15.11	14.04	14.34	4.66	ppb
Cadmium	111-1	0.04	0.03	0.06	0.04	37.05	ppb
Cadmium	106-1	0.42	0.02	1.13	0.52	107.04	ppb
Cadmium	108-1	0.40	0.25	0.38	0.34	24.04	ppb
Calcium	43-1	37705.52	38036.78	38209.13	37983.81	0.67	ppb
Calcium	44-1	37846.48	37692.26	38169.84	37902.86	0.64	ppb
Chromium	52-2	-0.22	-0.12	-0.25	-0.20		ppb
Cobalt	59-2	-0.12	-0.10	-0.13	-0.12		ppb
Copper	63-2	772.62	759.30	767.41	766.45	0.88	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	29.61	30.14	30.57	30.11	1.60	ppb
Iron	57-2	26.08	32.66	27.87	28.87	11.78	ppb
Lead	206-1	13.22	13.48	13.24	13.31	1.09	ppb
Lead	207-1	12.15	12.42	12.26	12.28	1.09	ppb
Lead	208-1	12.78	12.88	12.81	12.82	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	12140.12	11904.57	11967.89	12004.19	1.02	ppb
Manganese	55-2	9.29	9.88	9.41	9.52	3.26	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-07	Instrumnet Name :	P8
Client Sample ID :	04HY01CC-FL2-HA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:23:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.09	0.08	0.09	6.44	ppb
Molybdenum	95-1	0.30	0.28	0.32	0.30	7.88	ppb
Molybdenum	96-1	0.26	0.23	0.23	0.24	6.62	ppb
Molybdenum	97-1	0.31	0.23	0.20	0.25	23.24	ppb
Molybdenum	98-1	0.27	0.24	0.27	0.26	7.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.41	6.57	6.69	6.89	6.60	ppb
Phosphorus	31-2	3.62	3.18	-18.04	-3.75		ppb
Potassium	39-2	2683.77	2599.29	2585.55	2622.87	2.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.38	0.00	0.00	1.79	173.21	ppb
Selenium	78-2	-0.33	-0.31	1.51	0.29	363.01	ppb
Selenium	82-1	0.18	0.26	-0.09	0.12	159.19	ppb
Silicon	28-1	3636.44	3678.71	3710.98	3675.38	1.02	ppb
Silver	109-1	0.15	0.18	0.16	0.16	11.74	ppb
Silver	107-1	0.16	0.14	0.16	0.15	8.80	ppb
Sodium	23-2	47990.34	46133.76	46809.99	46978.03	2.00	ppb
Strontium	86-1	106.71	107.27	105.88	106.62	0.66	ppb
Strontium	88-1	111.02	111.87	111.18	111.36	0.41	ppb
Sulfur	34-1	2657.06	2555.99	2796.84	2669.97	4.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.08	-0.07	-0.06	-0.07		ppb
Thallium	205-1	-0.08	-0.08	-0.08	-0.08		ppb
Tin	118-1	2.50	2.62	2.44	2.52	3.69	ppb
Titanium	47-1	0.25	0.19	0.22	0.22	13.71	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	66.05	ppb
Vanadium	51-2	0.02	-0.02	-0.03	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1185.94	1169.74	1178.28	1177.98	0.69	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	72.93	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-07	Instrumnet Name :	P8
Client Sample ID :	04HY01CC-FL2-HA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:23:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.02	0.01	72.07	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:26:17	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48186.38	48414.81	48275.23	48292.14	0.24	ppb
Antimony	121-1	489.64	488.24	484.09	487.32	0.59	ppb
Arsenic	75-2	493.34	487.41	483.24	488.00	1.04	ppb
Barium	135-1	2471.82	2498.06	2475.67	2481.85	0.57	ppb
Barium	137-1	2491.84	2470.95	2430.68	2464.49	1.26	ppb
Beryllium	9-1	477.75	479.93	478.07	478.58	0.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	467.56	481.45	471.66	473.56	1.51	ppb
Boron	11-1	461.96	467.88	473.33	467.73	1.22	ppb
Cadmium	111-1	475.24	477.81	473.90	475.65	0.42	ppb
Cadmium	106-1	485.34	483.54	482.31	483.73	0.32	ppb
Cadmium	108-1	476.90	468.87	473.73	473.17	0.85	ppb
Calcium	43-1	238721.77	235960.25	237914.36	237532.13	0.60	ppb
Calcium	44-1	234463.92	235655.12	233876.06	234665.03	0.39	ppb
Chromium	52-2	499.25	501.76	494.96	498.66	0.69	ppb
Cobalt	59-2	492.63	497.46	489.21	493.10	0.84	ppb
Copper	63-2	966.54	971.67	960.43	966.21	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121949.75	123420.01	121900.48	122423.41	0.71	ppb
Iron	57-2	119400.44	120038.50	118896.15	119445.03	0.48	ppb
Lead	206-1	503.92	504.54	499.85	502.77	0.51	ppb
Lead	207-1	507.93	502.15	499.97	503.35	0.82	ppb
Lead	208-1	509.23	501.84	502.04	504.37	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	246684.08	246572.10	244947.12	246067.77	0.40	ppb
Manganese	55-2	991.38	987.84	976.61	985.27	0.78	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:26:17	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	494.91	504.49	500.91	500.11	0.97	ppb
Molybdenum	95-1	493.63	504.35	499.26	499.08	1.07	ppb
Molybdenum	96-1	503.45	502.36	499.76	501.86	0.38	ppb
Molybdenum	97-1	487.09	491.10	491.25	489.81	0.48	ppb
Molybdenum	98-1	501.12	501.05	500.46	500.88	0.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.93	494.49	489.12	491.85	0.55	ppb
Phosphorus	31-2	10127.69	10332.91	9897.74	10119.45	2.15	ppb
Potassium	39-2	122180.75	123170.02	123232.64	122861.14	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	504.70	462.04	530.61	499.12	6.94	ppb
Selenium	78-2	498.66	500.64	465.38	488.22	4.06	ppb
Selenium	82-1	485.55	492.53	486.48	488.19	0.78	ppb
Silicon	28-1	505.50	496.17	509.57	503.75	1.36	ppb
Silver	109-1	486.14	481.88	478.92	482.31	0.75	ppb
Silver	107-1	482.01	479.38	476.72	479.37	0.55	ppb
Sodium	23-2	243986.61	245920.86	243338.84	244415.44	0.55	ppb
Strontium	86-1	498.44	497.07	493.23	496.25	0.54	ppb
Strontium	88-1	502.13	510.08	500.61	504.27	1.01	ppb
Sulfur	34-1	10568.36	10453.18	10460.19	10493.91	0.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	514.33	508.24	513.96	512.18	0.67	ppb
Thallium	205-1	503.21	503.83	506.18	504.41	0.31	ppb
Tin	118-1	483.16	494.10	488.64	488.63	1.12	ppb
Titanium	47-1	491.88	489.62	490.21	490.57	0.24	ppb
Uranium	238-1	516.09	511.44	514.31	513.95	0.46	ppb
Vanadium	51-2	500.65	498.30	496.52	498.49	0.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	966.81	966.56	956.68	963.35	0.60	ppb
Zirconium	90-1	491.76	502.21	495.32	496.43	1.07	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:26:17	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.37	492.93	488.31	489.20	0.69	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P8
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 21:29:20 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.28	2.86	4.66	1.74	206.52	ppb
Antimony	121-1	0.18	0.22	0.22	0.21	9.99	ppb
Arsenic	75-2	-0.11	0.02	-0.11	-0.07		ppb
Barium	135-1	-0.05	-0.05	-0.05	-0.05		ppb
Barium	137-1	-0.11	-0.12	-0.11	-0.11		ppb
Beryllium	9-1	-0.08	-0.15	-0.11	-0.11		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.35	10.98	9.41	11.25	17.63	ppb
Boron	11-1	12.24	10.98	10.41	11.21	8.38	ppb
Cadmium	111-1	0.03	0.05	-0.01	0.02	125.39	ppb
Cadmium	106-1	0.45	1.04	0.72	0.74	40.01	ppb
Cadmium	108-1	-0.03	-0.14	0.00	-0.06		ppb
Calcium	43-1	-3.41	-1.84	0.17	-1.69		ppb
Calcium	44-1	12.98	9.73	10.41	11.04	15.52	ppb
Chromium	52-2	-0.01	-0.16	-0.13	-0.10		ppb
Cobalt	59-2	-0.18	-0.17	-0.18	-0.18		ppb
Copper	63-2	0.06	0.06	0.03	0.05	39.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.17	2.95	3.22	3.11	4.54	ppb
Iron	57-2	1.37	1.89	2.96	2.07	39.10	ppb
Lead	206-1	-0.08	-0.07	-0.08	-0.07		ppb
Lead	207-1	-0.08	-0.06	-0.12	-0.08		ppb
Lead	208-1	-0.07	-0.07	-0.09	-0.07		ppb
Lithium	6-1						%
Magnesium	24-2	2.15	5.48	6.73	4.79	49.44	ppb
Manganese	55-2	-0.16	-0.01	-0.09	-0.09		ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:29:20	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.04	-0.01	0.02	155.26	ppb
Molybdenum	95-1	-0.05	-0.04	-0.05	-0.04		ppb
Molybdenum	96-1	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	97-1	-0.06	0.01	-0.04	-0.03		ppb
Molybdenum	98-1	-0.05	-0.04	-0.06	-0.05		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.11	-0.18	-0.14		ppb
Phosphorus	31-2	-18.04	4.35	4.64	-3.01		ppb
Potassium	39-2	26.98	7.35	3.97	12.77	97.35	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	0.66	-0.29	2.58	0.98	148.83	ppb
Selenium	82-1	-0.02	-0.65	-0.12	-0.26		ppb
Silicon	28-1	-14.68	-16.36	-16.64	-15.90		ppb
Silver	109-1	0.11	0.11	0.06	0.09	28.92	ppb
Silver	107-1	0.10	0.09	0.15	0.11	25.10	ppb
Sodium	23-2	73.17	76.42	68.05	72.54	5.82	ppb
Strontium	86-1	0.08	0.05	0.01	0.05	71.19	ppb
Strontium	88-1	0.02	0.03	0.02	0.02	13.84	ppb
Sulfur	34-1	184.78	27.47	-148.77	21.16	788.65	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	114.65	ppb
Thallium	205-1	0.03	0.01	0.00	0.01	95.99	ppb
Tin	118-1	0.07	0.04	0.06	0.06	24.95	ppb
Titanium	47-1	0.06	-0.01	0.01	0.02	193.60	ppb
Uranium	238-1	-0.15	-0.15	-0.16	-0.16		ppb
Vanadium	51-2	-0.11	-0.12	-0.12	-0.12		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.01	0.05	0.05	0.03	128.36	ppb
Zirconium	90-1	0.05	0.04	0.05	0.04	10.89	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:29:20	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.06	0.06	6.80	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-08	Instrumnet Name :	P8
Client Sample ID :	04HY02CC-TK25-S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:32:31	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.60	-0.62	2.74	3.24	127.63	ppb
Antimony	121-1	0.28	0.27	0.29	0.28	4.47	ppb
Arsenic	75-2	0.03	-0.01	0.01	0.01	159.85	ppb
Barium	135-1	40.53	39.53	40.77	40.28	1.64	ppb
Barium	137-1	40.34	40.45	40.76	40.52	0.54	ppb
Beryllium	9-1	-0.23	-0.19	-0.21	-0.21		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.57	15.21	20.12	17.63	13.95	ppb
Boron	11-1	17.62	16.15	18.11	17.29	5.91	ppb
Cadmium	111-1	0.03	0.01	0.09	0.05	86.72	ppb
Cadmium	106-1	0.66	0.56	1.11	0.77	37.90	ppb
Cadmium	108-1	0.27	0.34	0.17	0.26	32.26	ppb
Calcium	43-1	38376.29	37950.11	37522.04	37949.48	1.13	ppb
Calcium	44-1	37726.25	37331.93	37915.54	37657.91	0.79	ppb
Chromium	52-2	-0.13	-0.26	-0.13	-0.17		ppb
Cobalt	59-2	-0.16	-0.16	-0.14	-0.15		ppb
Copper	63-2	1608.50	1637.09	1630.49	1625.36	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	75.30	76.42	76.46	76.06	0.87	ppb
Iron	57-2	81.65	76.81	74.70	77.72	4.58	ppb
Lead	206-1	6.15	6.25	6.18	6.19	0.78	ppb
Lead	207-1	5.83	5.82	5.58	5.75	2.44	ppb
Lead	208-1	5.95	5.91	5.86	5.91	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	12023.91	12257.01	12200.99	12160.64	1.00	ppb
Manganese	55-2	11.95	11.28	11.93	11.72	3.23	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-08	Instrumnet Name :	P8
Client Sample ID :	04HY02CC-TK25-S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:32:31	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.09	0.09	0.10	17.82	ppb
Molybdenum	95-1	0.30	0.35	0.36	0.34	8.82	ppb
Molybdenum	96-1	0.19	0.31	0.24	0.24	24.87	ppb
Molybdenum	97-1	0.37	0.38	0.28	0.35	15.41	ppb
Molybdenum	98-1	0.30	0.29	0.32	0.31	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.89	0.86	0.85	5.23	ppb
Phosphorus	31-2	46.62	25.35	-18.04	17.98	183.33	ppb
Potassium	39-2	2627.73	2597.52	2655.75	2627.00	1.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.46	0.00	1.82	173.21	ppb
Selenium	78-2	-0.31	-1.22	1.52	-0.01		ppb
Selenium	82-1	0.19	0.06	0.27	0.17	61.84	ppb
Silicon	28-1	3882.88	3815.47	3832.18	3843.51	0.91	ppb
Silver	109-1	0.39	0.36	0.34	0.36	6.11	ppb
Silver	107-1	0.36	0.34	0.37	0.36	4.55	ppb
Sodium	23-2	46467.96	46130.28	46897.85	46498.70	0.83	ppb
Strontium	86-1	105.28	105.22	106.84	105.78	0.87	ppb
Strontium	88-1	108.84	108.71	109.89	109.15	0.59	ppb
Sulfur	34-1	2902.19	2690.65	2923.80	2838.88	4.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.02	0.00	0.02	86.01	ppb
Thallium	205-1	0.03	0.02	-0.01	0.01	135.68	ppb
Tin	118-1	3.05	3.37	3.18	3.20	5.14	ppb
Titanium	47-1	0.25	0.23	0.22	0.23	5.89	ppb
Uranium	238-1	0.00	0.00	0.02	0.01	147.18	ppb
Vanadium	51-2	0.19	0.02	0.05	0.09	108.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	678.69	672.64	678.47	676.60	0.51	ppb
Zirconium	90-1	0.03	0.03	0.01	0.02	30.15	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-08	Instrumnet Name :	P8
Client Sample ID :	04HY02CC-TK25-S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:32:31	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.05	0.03	0.03	61.19	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-09	Instrumnet Name :	P8
Client Sample ID :	04HY03CC-TK23S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:35:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.14	10.79	-0.60	3.78	162.43	ppb
Antimony	121-1	0.21	0.21	0.21	0.21	1.96	ppb
Arsenic	75-2	-0.03	0.03	-0.01	0.00	4690.41	ppb
Barium	135-1	41.57	41.12	39.72	40.80	2.36	ppb
Barium	137-1	41.70	40.33	40.59	40.87	1.78	ppb
Beryllium	9-1	-0.24	-0.18	-0.19	-0.20		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.17	15.31	16.66	16.71	8.55	ppb
Boron	11-1	15.51	15.74	17.35	16.20	6.18	ppb
Cadmium	111-1	0.07	0.03	-0.05	0.02	314.16	ppb
Cadmium	106-1	1.21	0.62	-0.19	0.55	128.53	ppb
Cadmium	108-1	-0.08	0.06	0.06	0.02	503.42	ppb
Calcium	43-1	38227.05	38127.72	38436.40	38263.72	0.41	ppb
Calcium	44-1	37636.61	37519.00	37980.27	37711.96	0.64	ppb
Chromium	52-2	-0.14	-0.25	-0.10	-0.16		ppb
Cobalt	59-2	-0.14	-0.15	-0.15	-0.14		ppb
Copper	63-2	1841.60	1794.43	1839.75	1825.26	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	79.46	74.78	79.89	78.04	3.63	ppb
Iron	57-2	70.37	73.76	83.36	75.83	8.89	ppb
Lead	206-1	6.25	5.98	6.08	6.11	2.23	ppb
Lead	207-1	5.50	5.50	5.40	5.47	1.08	ppb
Lead	208-1	5.84	5.74	5.72	5.77	1.13	ppb
Lithium	6-1						%
Magnesium	24-2	12448.44	11921.57	12417.18	12262.40	2.41	ppb
Manganese	55-2	12.05	11.38	10.62	11.35	6.31	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-09	Instrumnet Name :	P8
Client Sample ID :	04HY03CC-TK23S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:35:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.07	0.07	0.08	19.13	ppb
Molybdenum	95-1	0.32	0.26	0.25	0.28	13.10	ppb
Molybdenum	96-1	0.23	0.22	0.20	0.22	8.05	ppb
Molybdenum	97-1	0.30	0.28	0.33	0.30	8.49	ppb
Molybdenum	98-1	0.25	0.23	0.26	0.25	5.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.40	0.48	0.46	10.07	ppb
Phosphorus	31-2	26.78	-18.04	3.94	4.23	530.22	ppb
Potassium	39-2	2668.59	2525.66	2644.97	2613.07	2.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.51	0.00	1.84	173.21	ppb
Selenium	78-2	-1.22	-1.22	0.61	-0.61		ppb
Selenium	82-1	0.27	0.10	-0.01	0.12	115.52	ppb
Silicon	28-1	3819.53	3778.08	3830.86	3809.49	0.73	ppb
Silver	109-1	0.25	0.27	0.25	0.25	5.27	ppb
Silver	107-1	0.26	0.27	0.26	0.26	3.39	ppb
Sodium	23-2	48074.58	45927.70	47265.10	47089.13	2.30	ppb
Strontium	86-1	106.23	106.05	109.79	107.36	1.96	ppb
Strontium	88-1	111.15	110.27	111.16	110.86	0.46	ppb
Sulfur	34-1	2739.89	2703.14	3259.52	2900.85	10.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.06	-0.06	-0.06	-0.06		ppb
Thallium	205-1	-0.07	-0.08	-0.07	-0.07		ppb
Tin	118-1	10.15	9.71	9.94	9.93	2.22	ppb
Titanium	47-1	0.17	0.17	0.11	0.15	25.33	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.23	0.14	0.12	0.16	35.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	443.24	424.39	436.44	434.69	2.20	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	30.28	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-09	Instrumnet Name :	P8
Client Sample ID :	04HY03CC-TK23S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:35:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	53.04	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-10	Instrumnet Name :	P8
Client Sample ID :	03HY01CC-BB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:38:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.77	-0.61	2.78	1.65	118.54	ppb
Antimony	121-1	0.30	0.32	0.31	0.31	4.16	ppb
Arsenic	75-2	-0.05	0.10	0.04	0.03	256.55	ppb
Barium	135-1	39.22	38.16	39.58	38.99	1.89	ppb
Barium	137-1	39.60	39.20	39.21	39.34	0.57	ppb
Beryllium	9-1	-0.21	-0.23	-0.21	-0.22		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.06	16.00	16.10	15.72	3.64	ppb
Boron	11-1	16.16	15.27	15.55	15.66	2.90	ppb
Cadmium	111-1	0.01	-0.03	-0.01	-0.01		ppb
Cadmium	106-1	0.31	0.09	0.24	0.21	51.99	ppb
Cadmium	108-1	0.06	0.38	0.31	0.25	66.93	ppb
Calcium	43-1	38495.58	38296.50	37593.24	38128.44	1.24	ppb
Calcium	44-1	37747.33	38160.53	37694.80	37867.55	0.67	ppb
Chromium	52-2	-0.21	-0.13	-0.22	-0.19		ppb
Cobalt	59-2	-0.14	-0.14	-0.14	-0.14		ppb
Copper	63-2	543.10	532.85	541.54	539.17	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	43.35	44.48	43.05	43.63	1.72	ppb
Iron	57-2	40.92	30.86	49.41	40.39	22.99	ppb
Lead	206-1	31.03	30.45	31.06	30.85	1.11	ppb
Lead	207-1	27.95	28.19	28.33	28.16	0.69	ppb
Lead	208-1	29.45	29.15	29.65	29.42	0.86	ppb
Lithium	6-1						%
Magnesium	24-2	12181.23	12171.34	12289.93	12214.17	0.54	ppb
Manganese	55-2	20.18	20.18	19.10	19.82	3.16	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-10	Instrumnet Name :	P8
Client Sample ID :	03HY01CC-BB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:38:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.05	0.08	0.07	33.83	ppb
Molybdenum	95-1	0.21	0.27	0.27	0.25	13.35	ppb
Molybdenum	96-1	0.21	0.25	0.22	0.22	9.87	ppb
Molybdenum	97-1	0.21	0.21	0.27	0.23	13.97	ppb
Molybdenum	98-1	0.28	0.24	0.23	0.25	12.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.37	9.88	9.32	9.52	3.22	ppb
Phosphorus	31-2	3.98	3.87	4.01	3.95	1.79	ppb
Potassium	39-2	2692.43	2571.79	2547.95	2604.06	2.97	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	-1.22	2.49	-1.22	0.02	14098.66	ppb
Selenium	82-1	-0.54	0.06	-0.27	-0.25		ppb
Silicon	28-1	3548.83	3571.38	3559.32	3559.85	0.32	ppb
Silver	109-1	0.19	0.19	0.18	0.19	5.18	ppb
Silver	107-1	0.17	0.15	0.18	0.17	10.42	ppb
Sodium	23-2	48548.14	48119.47	48033.78	48233.80	0.57	ppb
Strontium	86-1	105.89	105.60	105.83	105.77	0.14	ppb
Strontium	88-1	109.89	109.53	110.27	109.90	0.34	ppb
Sulfur	34-1	3012.85	3315.86	3011.35	3113.36	5.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.07	-0.06	-0.08	-0.07		ppb
Thallium	205-1	-0.08	-0.08	-0.08	-0.08		ppb
Tin	118-1	6.23	6.14	6.60	6.32	3.82	ppb
Titanium	47-1	0.24	0.23	0.23	0.23	3.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.97	ppb
Vanadium	51-2	-0.04	-0.06	-0.07	-0.06		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	583.70	583.49	584.14	583.78	0.06	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	49.18	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-10	Instrumnet Name :	P8
Client Sample ID :	03HY01CC-BB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:38:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	-0.01	0.02	0.02	130.85	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-11	Instrumnet Name :	P8
Client Sample ID :	03HY02CC-BB2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:42:00	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.37	6.29	4.65	5.77	16.80	ppb
Antimony	121-1	0.17	0.16	0.18	0.17	6.21	ppb
Arsenic	75-2	0.02	0.08	0.02	0.04	99.03	ppb
Barium	135-1	38.79	37.70	38.36	38.28	1.44	ppb
Barium	137-1	38.62	38.10	38.27	38.33	0.70	ppb
Beryllium	9-1	-0.20	-0.24	-0.25	-0.23		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.59	14.00	15.81	14.47	8.15	ppb
Boron	11-1	13.53	14.88	13.94	14.12	4.88	ppb
Cadmium	111-1	0.02	-0.06	0.06	0.01	689.95	ppb
Cadmium	106-1	0.88	-0.11	1.51	0.76	107.10	ppb
Cadmium	108-1	-0.01	-0.08	-0.11	-0.06		ppb
Calcium	43-1	38489.73	37932.30	37551.90	37991.31	1.24	ppb
Calcium	44-1	37743.64	37568.07	37575.96	37629.22	0.26	ppb
Chromium	52-2	-0.09	-0.19	-0.14	-0.14		ppb
Cobalt	59-2	-0.15	-0.17	-0.17	-0.17		ppb
Copper	63-2	803.66	788.11	797.65	796.47	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	240.31	231.11	238.17	236.53	2.04	ppb
Iron	57-2	231.87	199.58	225.77	219.07	7.83	ppb
Lead	206-1	16.36	15.92	15.98	16.09	1.49	ppb
Lead	207-1	14.91	14.86	14.86	14.88	0.18	ppb
Lead	208-1	15.59	15.39	15.46	15.48	0.65	ppb
Lithium	6-1						%
Magnesium	24-2	12447.27	12167.05	12353.72	12322.68	1.16	ppb
Manganese	55-2	13.91	13.40	14.98	14.10	5.72	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-11	Instrumnet Name :	P8
Client Sample ID :	03HY02CC-BB2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:42:00	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.08	0.10	0.09	11.16	ppb
Molybdenum	95-1	0.26	0.26	0.28	0.27	5.39	ppb
Molybdenum	96-1	0.26	0.22	0.25	0.25	8.00	ppb
Molybdenum	97-1	0.30	0.32	0.26	0.29	10.18	ppb
Molybdenum	98-1	0.24	0.25	0.26	0.25	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.39	0.32	0.37	11.23	ppb
Phosphorus	31-2	4.58	26.84	4.63	12.02	106.79	ppb
Potassium	39-2	2574.68	2622.18	2636.76	2611.20	1.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.55	0.00	1.85	173.21	ppb
Selenium	78-2	-0.30	-1.22	-1.22	-0.91		ppb
Selenium	82-1	0.36	0.65	-0.14	0.29	137.04	ppb
Silicon	28-1	3685.95	3681.94	3640.66	3669.52	0.68	ppb
Silver	109-1	0.14	0.14	0.12	0.13	8.28	ppb
Silver	107-1	0.13	0.12	0.13	0.13	6.81	ppb
Sodium	23-2	47354.98	47588.78	47131.90	47358.55	0.48	ppb
Strontium	86-1	104.78	103.78	103.11	103.89	0.81	ppb
Strontium	88-1	110.06	108.31	108.26	108.88	0.94	ppb
Sulfur	34-1	3367.21	3244.81	3211.26	3274.42	2.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.08	-0.06	-0.07	-0.07		ppb
Thallium	205-1	-0.09	-0.09	-0.08	-0.08		ppb
Tin	118-1	7.16	6.83	7.02	7.00	2.39	ppb
Titanium	47-1	0.28	0.22	0.24	0.25	13.00	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	98.92	ppb
Vanadium	51-2	0.06	0.04	0.03	0.04	40.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	227.11	222.95	223.88	224.65	0.97	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	74.61	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-11	Instrumnet Name :	P8
Client Sample ID :	03HY02CC-BB2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:42:00	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.03	14.31	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : I6217-12 Instrumnet Name : P8
 Client Sample ID : 03HY03CC-BB3HAFL2 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 21:45:10 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.18	1.17	-0.55	0.60	165.79	ppb
Antimony	121-1	0.15	0.16	0.18	0.16	6.59	ppb
Arsenic	75-2	-0.07	0.00	0.00	-0.02		ppb
Barium	135-1	37.37	37.46	37.25	37.36	0.29	ppb
Barium	137-1	37.55	38.50	37.54	37.86	1.46	ppb
Beryllium	9-1	-0.22	-0.19	-0.24	-0.21		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.63	13.58	13.80	14.00	3.93	ppb
Boron	11-1	14.18	13.72	13.99	13.96	1.67	ppb
Cadmium	111-1	-0.02	-0.08	-0.06	-0.06		ppb
Cadmium	106-1	0.26	-0.71	0.01	-0.15		ppb
Cadmium	108-1	-0.08	-0.04	0.17	0.02	743.97	ppb
Calcium	43-1	37788.10	37346.56	37473.88	37536.18	0.61	ppb
Calcium	44-1	37882.27	37290.82	37226.48	37466.52	0.96	ppb
Chromium	52-2	-0.25	-0.27	-0.27	-0.26		ppb
Cobalt	59-2	-0.14	-0.15	-0.16	-0.15		ppb
Copper	63-2	535.80	532.58	530.56	532.98	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	253.08	249.71	248.20	250.33	1.00	ppb
Iron	57-2	252.10	230.55	230.84	237.83	5.20	ppb
Lead	206-1	7.41	7.54	7.66	7.54	1.66	ppb
Lead	207-1	6.61	6.88	6.73	6.74	2.04	ppb
Lead	208-1	6.99	7.16	7.15	7.10	1.37	ppb
Lithium	6-1						%
Magnesium	24-2	12179.95	12111.74	12037.72	12109.81	0.59	ppb
Manganese	55-2	10.48	9.86	9.99	10.11	3.26	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-12	Instrumnet Name :	P8
Client Sample ID :	03HY03CC-BB3HAFL2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:45:10	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.07	0.07	0.07	7.39	ppb
Molybdenum	95-1	0.27	0.25	0.22	0.24	10.95	ppb
Molybdenum	96-1	0.19	0.20	0.18	0.19	5.02	ppb
Molybdenum	97-1	0.27	0.15	0.25	0.22	28.97	ppb
Molybdenum	98-1	0.24	0.30	0.22	0.25	16.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.48	0.48	0.52	13.65	ppb
Phosphorus	31-2	-18.04	49.63	50.00	27.20	144.05	ppb
Potassium	39-2	2699.60	2565.85	2637.66	2634.37	2.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.56	0.00	0.00	1.85	173.21	ppb
Selenium	78-2	0.63	-0.28	-1.22	-0.29		ppb
Selenium	82-1	-0.07	0.55	-0.48	0.00		ppb
Silicon	28-1	3586.26	3568.83	3531.88	3562.32	0.78	ppb
Silver	109-1	0.13	0.15	0.14	0.14	7.61	ppb
Silver	107-1	0.12	0.12	0.13	0.12	5.35	ppb
Sodium	23-2	47537.97	46899.91	46412.67	46950.19	1.20	ppb
Strontium	86-1	104.45	104.26	105.59	104.76	0.69	ppb
Strontium	88-1	108.24	109.86	108.89	109.00	0.75	ppb
Sulfur	34-1	3359.91	2963.52	3077.12	3133.52	6.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.08	-0.08	-0.07	-0.07		ppb
Thallium	205-1	-0.09	-0.08	-0.08	-0.09		ppb
Tin	118-1	27.92	27.84	27.60	27.79	0.61	ppb
Titanium	47-1	0.22	0.19	0.29	0.23	22.60	ppb
Uranium	238-1	0.02	-0.02	-0.01	0.00		ppb
Vanadium	51-2	0.05	0.14	0.08	0.09	46.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	323.65	319.94	326.35	323.32	1.00	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	32.62	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-12	Instrumnet Name :	P8
Client Sample ID :	03HY03CC-BB3HAFL2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:45:10	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.04	0.02	128.57	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : I6217-13 Instrumnet Name : P8
 Client Sample ID : 01HY01AC-KICONFIRM Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 21:48:20 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.38	9.63	9.69	7.90	38.61	ppb
Antimony	121-1	0.17	0.20	0.16	0.18	14.22	ppb
Arsenic	75-2	0.01	-0.01	0.04	0.01	145.04	ppb
Barium	135-1	39.85	39.92	40.18	39.98	0.44	ppb
Barium	137-1	39.42	40.64	39.25	39.77	1.91	ppb
Beryllium	9-1	-0.24	-0.21	-0.21	-0.22		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.21	13.17	14.87	13.75	7.04	ppb
Boron	11-1	13.30	13.82	13.99	13.70	2.62	ppb
Cadmium	111-1	-0.06	-0.03	-0.01	-0.03		ppb
Cadmium	106-1	-0.11	0.66	0.68	0.41	109.78	ppb
Cadmium	108-1	-0.08	-0.08	-0.15	-0.10		ppb
Calcium	43-1	37492.03	37410.68	37109.05	37337.26	0.54	ppb
Calcium	44-1	37474.20	37594.51	37417.21	37495.31	0.24	ppb
Chromium	52-2	-0.03	0.01	0.02	0.00		ppb
Cobalt	59-2	-0.16	-0.15	-0.15	-0.15		ppb
Copper	63-2	1427.31	1438.80	1432.42	1432.85	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	76.96	77.66	76.85	77.16	0.57	ppb
Iron	57-2	77.65	82.90	72.78	77.77	6.50	ppb
Lead	206-1	19.63	19.92	19.77	19.77	0.73	ppb
Lead	207-1	17.78	17.63	17.73	17.72	0.41	ppb
Lead	208-1	18.55	18.56	18.55	18.56	0.04	ppb
Lithium	6-1						%
Magnesium	24-2	11960.61	12022.83	11985.59	11989.68	0.26	ppb
Manganese	55-2	3.62	3.13	3.10	3.28	8.81	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-13	Instrumnet Name :	P8
Client Sample ID :	01HY01AC-KICONFIRM	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:48:20	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.06	0.07	0.08	28.31	ppb
Molybdenum	95-1	0.20	0.23	0.25	0.23	9.73	ppb
Molybdenum	96-1	0.19	0.19	0.22	0.20	8.92	ppb
Molybdenum	97-1	0.27	0.23	0.34	0.28	20.73	ppb
Molybdenum	98-1	0.31	0.27	0.24	0.27	12.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.59	0.51	0.55	7.13	ppb
Phosphorus	31-2	47.31	-18.04	-18.04	3.74	1008.12	ppb
Potassium	39-2	2569.28	2528.21	2488.63	2528.70	1.59	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	1.53	1.54	-1.22	0.62	258.29	ppb
Selenium	82-1	0.28	-0.14	0.08	0.07	291.37	ppb
Silicon	28-1	3725.05	3730.73	3744.32	3733.36	0.27	ppb
Silver	109-1	0.11	0.11	0.11	0.11	4.04	ppb
Silver	107-1	0.11	0.08	0.12	0.10	20.41	ppb
Sodium	23-2	45636.94	46430.86	45616.49	45894.77	1.01	ppb
Strontium	86-1	105.04	102.23	104.57	103.95	1.45	ppb
Strontium	88-1	108.81	106.77	107.01	107.53	1.04	ppb
Sulfur	34-1	2986.56	2909.39	3217.46	3037.80	5.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.08	-0.08	-0.07	-0.08		ppb
Thallium	205-1	-0.09	-0.09	-0.09	-0.09		ppb
Tin	118-1	0.87	0.80	0.78	0.82	5.98	ppb
Titanium	47-1	0.27	0.15	0.32	0.25	35.63	ppb
Uranium	238-1	-0.01	0.00	-0.02	-0.01		ppb
Vanadium	51-2	0.09	0.02	0.09	0.07	56.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.72	31.78	32.69	31.73	3.11	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	61.54	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-13	Instrumnet Name :	P8
Client Sample ID :	01HY01AC-KICONFIRM	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:48:20	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.03	0.02	31.85	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : I6217-14 Instrumnet Name : P8
 Client Sample ID : 01HY01BC-KICONFIRM Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 21:51:29 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.18	2.87	2.73	3.93	49.72	ppb
Antimony	121-1	0.16	0.15	0.16	0.16	3.12	ppb
Arsenic	75-2	0.06	-0.01	-0.03	0.01	530.89	ppb
Barium	135-1	40.20	39.65	39.50	39.78	0.92	ppb
Barium	137-1	40.69	39.78	40.20	40.22	1.14	ppb
Beryllium	9-1	-0.26	-0.20	-0.25	-0.24		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.79	15.14	13.43	14.45	6.24	ppb
Boron	11-1	14.26	13.15	13.07	13.50	4.93	ppb
Cadmium	111-1	-0.11	-0.09	-0.04	-0.08		ppb
Cadmium	106-1	-0.46	-0.22	0.31	-0.13		ppb
Cadmium	108-1	-0.11	-0.08	-0.05	-0.08		ppb
Calcium	43-1	38354.98	37591.90	37625.48	37857.45	1.14	ppb
Calcium	44-1	38105.55	37705.45	37430.88	37747.29	0.90	ppb
Chromium	52-2	-0.12	-0.21	-0.20	-0.18		ppb
Cobalt	59-2	-0.16	-0.19	-0.16	-0.17		ppb
Copper	63-2	1269.92	1286.02	1249.31	1268.42	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124.60	122.84	120.56	122.67	1.65	ppb
Iron	57-2	110.29	121.48	114.35	115.37	4.91	ppb
Lead	206-1	8.25	8.41	8.33	8.33	0.95	ppb
Lead	207-1	7.38	7.55	7.49	7.47	1.16	ppb
Lead	208-1	7.67	7.86	7.75	7.76	1.25	ppb
Lithium	6-1						%
Magnesium	24-2	12182.72	12109.24	11693.33	11995.09	2.20	ppb
Manganese	55-2	3.70	3.97	3.43	3.70	7.26	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-14	Instrumnet Name :	P8
Client Sample ID :	01HY01BC-KICONFIRM	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:51:29	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.07	0.07	0.07	7.48	ppb
Molybdenum	95-1	0.25	0.29	0.26	0.27	8.19	ppb
Molybdenum	96-1	0.20	0.23	0.16	0.20	17.37	ppb
Molybdenum	97-1	0.20	0.32	0.23	0.25	24.72	ppb
Molybdenum	98-1	0.23	0.26	0.21	0.23	9.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.36	0.31	0.36	13.66	ppb
Phosphorus	31-2	-18.04	26.87	47.58	18.80	178.41	ppb
Potassium	39-2	2578.76	2573.23	2521.01	2557.67	1.25	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	-0.30	-0.30	-1.22	-0.61		ppb
Selenium	82-1	-0.45	0.19	-0.11	-0.12		ppb
Silicon	28-1	3752.12	3724.82	3724.49	3733.81	0.42	ppb
Silver	109-1	0.08	0.09	0.08	0.08	8.32	ppb
Silver	107-1	0.08	0.09	0.10	0.09	7.76	ppb
Sodium	23-2	46487.36	46298.37	44979.42	45921.72	1.79	ppb
Strontium	86-1	103.18	104.37	102.22	103.26	1.04	ppb
Strontium	88-1	107.63	109.17	107.08	107.96	1.00	ppb
Sulfur	34-1	3361.22	2997.20	2904.20	3087.54	7.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.08	-0.07	-0.08	-0.08		ppb
Thallium	205-1	-0.09	-0.10	-0.10	-0.09		ppb
Tin	118-1	0.24	0.27	0.32	0.28	15.23	ppb
Titanium	47-1	0.29	0.26	0.31	0.29	7.62	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	98.52	ppb
Vanadium	51-2	0.15	0.21	0.24	0.20	23.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	25.58	25.11	26.05	25.58	1.84	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	335.60	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-14	Instrumnet Name :	P8
Client Sample ID :	01HY01BC-KICONFIRM	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:51:29	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	24.10	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-15	Instrumnet Name :	P8
Client Sample ID :	01HY04CC-OFKI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:54:39	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.78	11.60	6.25	6.88	64.67	ppb
Antimony	121-1	0.11	0.16	0.14	0.14	19.80	ppb
Arsenic	75-2	0.02	0.02	0.17	0.07	131.15	ppb
Barium	135-1	39.65	39.23	39.97	39.62	0.93	ppb
Barium	137-1	39.22	39.30	40.27	39.60	1.47	ppb
Beryllium	9-1	-0.24	-0.24	-0.23	-0.24		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.86	13.03	13.87	13.25	4.06	ppb
Boron	11-1	12.93	13.77	12.86	13.19	3.84	ppb
Cadmium	111-1	-0.08	-0.02	-0.12	-0.07		ppb
Cadmium	106-1	-0.05	0.44	-0.82	-0.14		ppb
Cadmium	108-1	0.06	-0.22	-0.01	-0.06		ppb
Calcium	43-1	37550.52	37868.84	37932.76	37784.04	0.54	ppb
Calcium	44-1	37228.35	37732.33	37632.69	37531.12	0.71	ppb
Chromium	52-2	-0.10	-0.12	-0.06	-0.09		ppb
Cobalt	59-2	-0.17	-0.14	-0.17	-0.16		ppb
Copper	63-2	48.68	49.49	48.67	48.95	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	125.03	129.39	125.12	126.51	1.97	ppb
Iron	57-2	115.38	125.95	116.19	119.18	4.93	ppb
Lead	206-1	2.29	2.24	2.21	2.24	1.76	ppb
Lead	207-1	2.05	1.97	2.03	2.01	2.10	ppb
Lead	208-1	2.17	2.08	2.09	2.11	2.15	ppb
Lithium	6-1						%
Magnesium	24-2	11935.62	12114.99	12065.60	12038.74	0.77	ppb
Manganese	55-2	4.93	5.21	4.51	4.88	7.18	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-15	Instrumnet Name :	P8
Client Sample ID :	01HY04CC-OFKI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:54:39	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.08	0.08	0.08	2.64	ppb
Molybdenum	95-1	0.23	0.23	0.25	0.24	3.50	ppb
Molybdenum	96-1	0.20	0.26	0.18	0.21	18.85	ppb
Molybdenum	97-1	0.29	0.25	0.26	0.27	6.41	ppb
Molybdenum	98-1	0.25	0.22	0.23	0.23	6.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.31	0.24	0.26	15.54	ppb
Phosphorus	31-2	26.10	-18.04	4.26	4.11	537.50	ppb
Potassium	39-2	2528.93	2584.11	2545.62	2552.89	1.11	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	-1.22	-1.22	-0.29	-0.91		ppb
Selenium	82-1	-0.60	0.32	0.21	-0.02		ppb
Silicon	28-1	3749.61	3727.39	3701.97	3726.33	0.64	ppb
Silver	109-1	0.09	0.08	0.09	0.09	1.08	ppb
Silver	107-1	0.07	0.08	0.09	0.08	17.12	ppb
Sodium	23-2	46161.18	46228.70	45693.48	46027.79	0.63	ppb
Strontium	86-1	103.50	103.65	104.95	104.03	0.77	ppb
Strontium	88-1	107.55	106.67	110.08	108.10	1.64	ppb
Sulfur	34-1	2989.32	2936.10	2844.21	2923.21	2.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.09	-0.08	-0.08	-0.08		ppb
Thallium	205-1	-0.10	-0.09	-0.10	-0.10		ppb
Tin	118-1	0.17	0.18	0.19	0.18	5.19	ppb
Titanium	47-1	0.25	0.23	0.18	0.22	16.55	ppb
Uranium	238-1	-0.02	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.23	0.19	0.21	0.21	9.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.50	31.95	29.78	31.08	3.68	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	305.70	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-15	Instrumnet Name :	P8
Client Sample ID :	01HY04CC-OFKI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:54:39	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.02	0.02	30.61	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-16	Instrumnet Name :	P8
Client Sample ID :	33HY01AC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:57:49	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.98	6.28	9.76	8.01	21.73	ppb
Antimony	121-1	0.18	0.19	0.18	0.18	4.36	ppb
Arsenic	75-2	0.01	0.06	-0.01	0.02	145.70	ppb
Barium	135-1	39.25	39.32	38.87	39.15	0.62	ppb
Barium	137-1	39.56	39.24	38.56	39.12	1.31	ppb
Beryllium	9-1	-0.25	-0.23	-0.22	-0.24		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.07	13.61	13.06	13.25	2.38	ppb
Boron	11-1	13.01	12.98	12.61	12.87	1.72	ppb
Cadmium	111-1	0.04	-0.04	-0.03	-0.01		ppb
Cadmium	106-1	1.07	0.16	0.35	0.52	91.57	ppb
Cadmium	108-1	-0.01	0.16	0.20	0.12	95.46	ppb
Calcium	43-1	38705.84	38554.30	38277.96	38512.70	0.56	ppb
Calcium	44-1	38405.99	38320.53	38027.64	38251.39	0.52	ppb
Chromium	52-2	-0.36	-0.37	-0.38	-0.37		ppb
Cobalt	59-2	-0.08	-0.11	-0.13	-0.11		ppb
Copper	63-2	497.72	495.62	498.68	497.34	0.31	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	45.22	44.57	44.86	44.88	0.73	ppb
Iron	57-2	42.62	45.18	49.44	45.75	7.53	ppb
Lead	206-1	5.55	5.68	5.53	5.59	1.42	ppb
Lead	207-1	5.05	5.12	5.08	5.08	0.61	ppb
Lead	208-1	5.33	5.34	5.28	5.32	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	12601.08	12573.16	12496.46	12556.90	0.43	ppb
Manganese	55-2	38.24	36.74	39.52	38.17	3.65	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-16	Instrumnet Name :	P8
Client Sample ID :	33HY01AC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:57:49	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.08	0.08	0.08	5.19	ppb
Molybdenum	95-1	0.20	0.18	0.22	0.20	9.93	ppb
Molybdenum	96-1	0.16	0.20	0.18	0.18	9.74	ppb
Molybdenum	97-1	0.24	0.14	0.13	0.17	34.40	ppb
Molybdenum	98-1	0.18	0.17	0.17	0.18	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.62	40.26	40.45	40.44	0.45	ppb
Phosphorus	31-2	26.73	-18.04	-18.04	-3.12		ppb
Potassium	39-2	2578.16	2481.45	2486.93	2515.52	2.16	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	-1.22	0.64	0.64	0.02	6138.38	ppb
Selenium	82-1	-0.04	0.05	-0.46	-0.15		ppb
Silicon	28-1	3282.71	3254.90	3242.80	3260.14	0.63	ppb
Silver	109-1	0.07	0.07	0.09	0.08	21.09	ppb
Silver	107-1	0.06	0.09	0.09	0.08	20.70	ppb
Sodium	23-2	47134.16	46284.43	46692.50	46703.70	0.91	ppb
Strontium	86-1	106.49	105.55	106.62	106.22	0.55	ppb
Strontium	88-1	112.16	110.59	110.82	111.19	0.76	ppb
Sulfur	34-1	3202.13	3104.22	3213.24	3173.19	1.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.07	-0.07	-0.08	-0.08		ppb
Thallium	205-1	-0.09	-0.09	-0.09	-0.09		ppb
Tin	118-1	3.49	3.58	3.38	3.48	2.76	ppb
Titanium	47-1	0.04	0.27	0.43	0.25	78.31	ppb
Uranium	238-1	-0.05	-0.04	-0.04	-0.05		ppb
Vanadium	51-2	-0.10	-0.05	-0.05	-0.07		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	706.30	720.28	712.52	713.03	0.98	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.00	362.15	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-16	Instrumnet Name :	P8
Client Sample ID :	33HY01AC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:57:49	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	16.10	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-17	Instrumnet Name :	P8
Client Sample ID :	33HY01BC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:00:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.78	7.86	6.17	5.60	46.21	ppb
Antimony	121-1	0.20	0.17	0.18	0.18	8.32	ppb
Arsenic	75-2	-0.03	0.08	-0.01	0.01	391.73	ppb
Barium	135-1	38.61	38.62	38.31	38.51	0.45	ppb
Barium	137-1	38.85	38.87	38.22	38.65	0.95	ppb
Beryllium	9-1	-0.24	-0.25	-0.28	-0.26		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.61	13.09	12.13	12.95	5.81	ppb
Boron	11-1	12.94	12.96	13.89	13.26	4.08	ppb
Cadmium	111-1	-0.04	-0.02	0.02	-0.01		ppb
Cadmium	106-1	0.17	0.65	0.82	0.54	61.95	ppb
Cadmium	108-1	0.06	0.02	0.09	0.06	62.91	ppb
Calcium	43-1	37991.31	38175.72	37439.17	37868.73	1.01	ppb
Calcium	44-1	37981.59	38151.18	37474.74	37869.17	0.93	ppb
Chromium	52-2	-0.10	-0.33	-0.33	-0.25		ppb
Cobalt	59-2	-0.12	-0.10	-0.11	-0.11		ppb
Copper	63-2	390.32	390.25	391.45	390.67	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	209.66	207.77	207.59	208.34	0.55	ppb
Iron	57-2	203.17	210.64	214.55	209.45	2.76	ppb
Lead	206-1	9.89	10.09	10.05	10.01	1.07	ppb
Lead	207-1	9.21	9.41	9.44	9.35	1.29	ppb
Lead	208-1	9.60	9.71	9.63	9.65	0.55	ppb
Lithium	6-1						%
Magnesium	24-2	12225.62	12188.72	12327.86	12247.40	0.59	ppb
Manganese	55-2	36.58	35.35	36.39	36.11	1.83	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-17	Instrumnet Name :	P8
Client Sample ID :	33HY01BC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:00:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.07	0.09	0.07	15.35	ppb
Molybdenum	95-1	0.20	0.25	0.24	0.23	12.51	ppb
Molybdenum	96-1	0.17	0.18	0.21	0.19	10.96	ppb
Molybdenum	97-1	0.21	0.26	0.16	0.21	25.37	ppb
Molybdenum	98-1	0.23	0.20	0.23	0.22	8.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.66	33.22	32.13	33.00	2.38	ppb
Phosphorus	31-2	48.15	4.07	4.06	18.76	135.66	ppb
Potassium	39-2	2463.18	2499.88	2515.74	2492.93	1.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.54	0.00	1.85	173.21	ppb
Selenium	78-2	1.54	1.54	-1.22	0.62	257.87	ppb
Selenium	82-1	-0.19	0.07	-0.26	-0.12		ppb
Silicon	28-1	3413.44	3405.79	3373.14	3397.46	0.63	ppb
Silver	109-1	0.08	0.09	0.09	0.09	3.86	ppb
Silver	107-1	0.08	0.08	0.08	0.08	0.83	ppb
Sodium	23-2	46421.15	46049.32	45986.31	46152.26	0.51	ppb
Strontium	86-1	104.55	103.27	106.16	104.66	1.39	ppb
Strontium	88-1	109.16	107.23	109.29	108.56	1.06	ppb
Sulfur	34-1	3434.01	3310.22	3165.53	3303.25	4.07	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.09	-0.08	-0.08	-0.08		ppb
Thallium	205-1	-0.09	-0.09	-0.09	-0.09		ppb
Tin	118-1	7.81	6.84	7.01	7.22	7.12	ppb
Titanium	47-1	0.16	0.25	0.19	0.20	21.22	ppb
Uranium	238-1	-0.02	-0.03	-0.04	-0.03		ppb
Vanadium	51-2	-0.01	0.01	0.01	0.01	165.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	582.90	575.50	574.53	577.64	0.79	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.22	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-17	Instrumnet Name :	P8
Client Sample ID :	33HY01BC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:00:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.00	0.02	97.94	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:04:09	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47316.97	49210.45	46401.19	47642.87	3.01	ppb
Antimony	121-1	482.02	476.98	480.36	479.79	0.54	ppb
Arsenic	75-2	478.87	490.48	486.89	485.41	1.22	ppb
Barium	135-1	2503.65	2435.00	2441.66	2460.10	1.54	ppb
Barium	137-1	2441.51	2409.42	2420.55	2423.83	0.67	ppb
Beryllium	9-1	468.27	469.34	473.69	470.44	0.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	465.79	468.53	483.24	472.52	1.99	ppb
Boron	11-1	449.95	462.60	468.16	460.24	2.03	ppb
Cadmium	111-1	473.09	468.03	464.37	468.50	0.94	ppb
Cadmium	106-1	485.86	475.38	471.35	477.53	1.57	ppb
Cadmium	108-1	464.53	465.08	464.88	464.83	0.06	ppb
Calcium	43-1	230234.66	234807.56	236796.93	233946.38	1.44	ppb
Calcium	44-1	230029.31	231339.84	232664.90	231344.68	0.57	ppb
Chromium	52-2	491.10	515.58	489.12	498.60	2.96	ppb
Cobalt	59-2	489.04	507.41	484.01	493.49	2.50	ppb
Copper	63-2	964.13	998.14	948.90	970.39	2.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122096.64	126549.72	119518.10	122721.49	2.90	ppb
Iron	57-2	117890.67	122667.44	116477.74	119011.95	2.73	ppb
Lead	206-1	494.68	490.55	496.70	493.98	0.63	ppb
Lead	207-1	494.50	488.59	496.39	493.16	0.83	ppb
Lead	208-1	495.39	494.25	498.45	496.03	0.44	ppb
Lithium	6-1						%
Magnesium	24-2	239802.44	250427.69	235138.22	241789.45	3.24	ppb
Manganese	55-2	973.88	1019.86	967.96	987.23	2.88	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:04:09	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	505.70	499.41	497.59	500.90	0.85	ppb
Molybdenum	95-1	502.68	493.06	493.95	496.57	1.07	ppb
Molybdenum	96-1	505.36	497.86	489.25	497.49	1.62	ppb
Molybdenum	97-1	491.68	480.63	475.93	482.75	1.68	ppb
Molybdenum	98-1	502.35	494.22	488.59	495.05	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.92	509.71	483.46	492.36	3.05	ppb
Phosphorus	31-2	8733.28	9489.71	10393.72	9538.90	8.71	ppb
Potassium	39-2	119356.95	123227.45	119644.50	120742.97	1.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	556.70	378.43	464.78	466.64	19.10	ppb
Selenium	78-2	497.04	519.45	482.62	499.71	3.71	ppb
Selenium	82-1	483.88	482.04	480.43	482.12	0.36	ppb
Silicon	28-1	483.98	494.58	499.75	492.77	1.63	ppb
Silver	109-1	481.22	469.90	470.51	473.88	1.34	ppb
Silver	107-1	476.85	470.60	465.79	471.08	1.18	ppb
Sodium	23-2	237388.51	249916.18	236772.97	241359.22	3.07	ppb
Strontium	86-1	493.55	486.11	489.01	489.56	0.77	ppb
Strontium	88-1	504.08	494.13	499.54	499.25	1.00	ppb
Sulfur	34-1	10144.00	10200.82	10392.87	10245.90	1.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	499.18	494.19	500.76	498.05	0.69	ppb
Thallium	205-1	495.64	490.85	493.59	493.36	0.49	ppb
Tin	118-1	488.44	481.39	485.62	485.15	0.73	ppb
Titanium	47-1	477.75	483.64	488.95	483.45	1.16	ppb
Uranium	238-1	506.95	504.41	505.33	505.56	0.25	ppb
Vanadium	51-2	490.03	510.05	488.31	496.13	2.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	942.72	1001.81	942.91	962.48	3.54	ppb
Zirconium	90-1	497.55	491.68	490.88	493.37	0.74	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:04:09	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.52	486.21	481.86	485.86	0.79	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 22:07:11 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	-0.50	1.28	0.10	1076.05	ppb
Antimony	121-1	0.18	0.17	0.22	0.19	15.13	ppb
Arsenic	75-2	-0.07	-0.13	-0.09	-0.09		ppb
Barium	135-1	-0.06	-0.09	-0.07	-0.07		ppb
Barium	137-1	-0.10	-0.11	-0.12	-0.11		ppb
Beryllium	9-1	-0.14	-0.07	-0.14	-0.12		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.04	9.88	8.23	9.38	10.64	ppb
Boron	11-1	10.16	10.78	8.61	9.85	11.33	ppb
Cadmium	111-1	0.05	-0.01	-0.04	0.00	6630.66	ppb
Cadmium	106-1	0.97	0.08	0.16	0.41	121.02	ppb
Cadmium	108-1	-0.11	-0.07	-0.07	-0.08		ppb
Calcium	43-1	-6.06	-3.94	-9.61	-6.54		ppb
Calcium	44-1	11.75	8.97	8.58	9.77	17.69	ppb
Chromium	52-2	-0.11	0.03	0.01	-0.02		ppb
Cobalt	59-2	-0.17	-0.18	-0.17	-0.17		ppb
Copper	63-2	0.06	0.10	0.07	0.08	27.50	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	3.11	3.28	3.83	3.41	11.04	ppb
Iron	57-2	5.24	1.56	2.59	3.13	60.77	ppb
Lead	206-1	-0.11	-0.13	-0.13	-0.12		ppb
Lead	207-1	-0.11	-0.11	-0.14	-0.12		ppb
Lead	208-1	-0.11	-0.12	-0.13	-0.12		ppb
Lithium	6-1						%
Magnesium	24-2	8.60	7.05	5.86	7.17	19.18	ppb
Manganese	55-2	-0.06	-0.14	-0.10	-0.10		ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:07:11	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.00	0.01	81.04	ppb
Molybdenum	95-1	-0.06	-0.03	-0.06	-0.05		ppb
Molybdenum	96-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	97-1	-0.05	-0.04	-0.02	-0.03		ppb
Molybdenum	98-1	-0.06	-0.05	-0.07	-0.06		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.20	-0.17	-0.16		ppb
Phosphorus	31-2	-18.04	5.32	5.23	-2.50		ppb
Potassium	39-2	11.90	25.20	23.07	20.06	35.63	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	0.72	-0.25	-0.26	0.07	812.40	ppb
Selenium	82-1	-0.30	-0.65	-0.58	-0.51		ppb
Silicon	28-1	-15.10	-20.30	-23.11	-19.51		ppb
Silver	109-1	0.09	0.08	0.07	0.08	8.33	ppb
Silver	107-1	0.09	0.07	0.08	0.08	11.50	ppb
Sodium	23-2	60.74	56.71	56.42	57.96	4.16	ppb
Strontium	86-1	0.12	0.00	0.07	0.06	86.94	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	39.32	ppb
Sulfur	34-1	225.77	152.48	-78.27	99.99	158.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	-0.01	0.01	0.01	145.97	ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.06	0.04	0.05	0.05	23.88	ppb
Titanium	47-1	0.05	0.02	0.01	0.03	81.16	ppb
Uranium	238-1	-0.15	-0.15	-0.16	-0.15		ppb
Vanadium	51-2	-0.11	-0.13	-0.11	-0.12		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.03	0.25	0.00	0.08	202.31	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	9.01	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:07:11	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.01	0.04	60.76	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-18	Instrumnet Name :	P8
Client Sample ID :	33HY02AC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:10:23	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.46	26.62	30.95	29.68	8.97	ppb
Antimony	121-1	0.24	0.28	0.27	0.26	8.42	ppb
Arsenic	75-2	-0.09	-0.02	0.10	0.00		ppb
Barium	135-1	37.12	37.56	38.71	37.80	2.18	ppb
Barium	137-1	37.63	37.65	37.80	37.70	0.24	ppb
Beryllium	9-1	-0.22	-0.18	-0.20	-0.20		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.57	16.72	16.49	16.59	0.70	ppb
Boron	11-1	16.88	17.57	17.51	17.32	2.22	ppb
Cadmium	111-1	0.00	0.05	-0.05	0.00		ppb
Cadmium	106-1	-0.15	0.54	-0.67	-0.10		ppb
Cadmium	108-1	-0.08	-0.08	-0.15	-0.10		ppb
Calcium	43-1	36840.61	37075.63	37117.92	37011.38	0.40	ppb
Calcium	44-1	36587.48	36677.83	37344.30	36869.87	1.12	ppb
Chromium	52-2	-0.26	-0.27	-0.10	-0.21		ppb
Cobalt	59-2	-0.12	-0.15	-0.11	-0.13		ppb
Copper	63-2	399.52	401.42	411.66	404.20	1.62	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	397.15	393.93	405.57	398.88	1.51	ppb
Iron	57-2	371.92	383.75	408.30	387.99	4.78	ppb
Lead	206-1	2.56	2.55	2.53	2.55	0.60	ppb
Lead	207-1	2.35	2.36	2.34	2.35	0.49	ppb
Lead	208-1	2.45	2.42	2.42	2.43	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	11908.06	12001.71	12188.65	12032.81	1.19	ppb
Manganese	55-2	17.61	17.09	17.70	17.46	1.89	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-18	Instrumnet Name :	P8
Client Sample ID :	33HY02AC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:10:23	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.11	0.08	0.09	16.32	ppb
Molybdenum	95-1	0.27	0.25	0.18	0.23	19.21	ppb
Molybdenum	96-1	0.18	0.17	0.23	0.19	17.36	ppb
Molybdenum	97-1	0.32	0.29	0.25	0.29	12.54	ppb
Molybdenum	98-1	0.27	0.27	0.26	0.27	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.41	2.35	2.13	2.30	6.56	ppb
Phosphorus	31-2	-18.04	26.44	4.83	4.41	504.24	ppb
Potassium	39-2	2467.18	2480.13	2603.03	2516.78	2.98	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	1.56	-1.22	-0.29	0.02	8031.42	ppb
Selenium	82-1	-0.79	-0.28	0.70	-0.12		ppb
Silicon	28-1	3593.08	3623.73	3598.15	3604.99	0.46	ppb
Silver	109-1	0.17	0.23	0.23	0.21	16.16	ppb
Silver	107-1	0.19	0.20	0.19	0.19	3.35	ppb
Sodium	23-2	45349.10	45727.64	47172.68	46083.14	2.09	ppb
Strontium	86-1	102.66	101.40	101.95	102.00	0.62	ppb
Strontium	88-1	106.81	106.11	105.12	106.01	0.80	ppb
Sulfur	34-1	2436.57	2806.60	2606.96	2616.71	7.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.00	0.00	0.01	177.52	ppb
Thallium	205-1	0.02	0.00	-0.01	0.00	458.19	ppb
Tin	118-1	0.21	0.21	0.16	0.19	13.07	ppb
Titanium	47-1	0.20	0.13	0.17	0.17	22.90	ppb
Uranium	238-1	0.00	-0.03	-0.02	-0.02		ppb
Vanadium	51-2	0.08	0.08	0.05	0.07	26.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	96.62	96.09	99.58	97.43	1.93	ppb
Zirconium	90-1	0.05	0.03	0.03	0.03	30.55	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-18	Instrumnet Name :	P8
Client Sample ID :	33HY02AC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:10:23	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.04	0.06	0.06	34.33	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-19	Instrumnet Name :	P8
Client Sample ID :	33HY02BC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:13:33	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.66	34.42	15.01	24.36	39.92	ppb
Antimony	121-1	0.19	0.18	0.21	0.19	7.91	ppb
Arsenic	75-2	-0.04	0.14	0.12	0.07	140.39	ppb
Barium	135-1	38.54	38.21	38.28	38.34	0.46	ppb
Barium	137-1	38.52	38.40	37.60	38.17	1.31	ppb
Beryllium	9-1	-0.22	-0.22	-0.19	-0.21		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.23	19.14	14.89	16.09	16.57	ppb
Boron	11-1	14.66	14.34	14.73	14.58	1.43	ppb
Cadmium	111-1	-0.09	-0.09	-0.09	-0.09		ppb
Cadmium	106-1	-0.71	-0.54	-0.61	-0.62		ppb
Cadmium	108-1	-0.08	-0.01	-0.11	-0.07		ppb
Calcium	43-1	37682.61	37028.67	36920.97	37210.75	1.11	ppb
Calcium	44-1	37264.61	36891.88	37301.38	37152.63	0.61	ppb
Chromium	52-2	-0.21	-0.29	-0.24	-0.25		ppb
Cobalt	59-2	-0.13	-0.15	-0.15	-0.14		ppb
Copper	63-2	433.20	444.95	447.19	441.78	1.70	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	366.76	374.85	376.37	372.66	1.39	ppb
Iron	57-2	347.72	366.30	356.25	356.76	2.61	ppb
Lead	206-1	0.69	0.70	0.62	0.67	7.01	ppb
Lead	207-1	0.67	0.51	0.57	0.58	14.46	ppb
Lead	208-1	0.64	0.61	0.61	0.62	3.22	ppb
Lithium	6-1						%
Magnesium	24-2	11957.25	12213.61	12191.24	12120.70	1.17	ppb
Manganese	55-2	15.61	15.48	15.36	15.48	0.79	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-19	Instrumnet Name :	P8
Client Sample ID :	33HY02BC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:13:33	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.10	0.10	0.09	11.14	ppb
Molybdenum	95-1	0.22	0.27	0.25	0.25	10.33	ppb
Molybdenum	96-1	0.27	0.23	0.24	0.25	9.67	ppb
Molybdenum	97-1	0.28	0.27	0.25	0.27	6.28	ppb
Molybdenum	98-1	0.25	0.49	0.26	0.33	40.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.38	0.30	0.37	19.12	ppb
Phosphorus	31-2	4.57	4.81	4.57	4.65	2.99	ppb
Potassium	39-2	2488.36	2556.14	2627.62	2557.37	2.72	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	-0.29	0.64	0.03	2011.64	ppb
Selenium	82-1	0.16	-0.37	-0.27	-0.16		ppb
Silicon	28-1	3667.80	3640.37	3637.79	3648.65	0.46	ppb
Silver	109-1	0.14	0.13	0.13	0.13	3.73	ppb
Silver	107-1	0.14	0.13	0.12	0.13	6.18	ppb
Sodium	23-2	45698.25	46638.68	46600.22	46312.38	1.15	ppb
Strontium	86-1	101.84	100.93	102.65	101.81	0.85	ppb
Strontium	88-1	105.85	104.84	106.54	105.75	0.81	ppb
Sulfur	34-1	2830.02	2644.96	2819.73	2764.91	3.76	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.06	-0.06	-0.06	-0.06		ppb
Thallium	205-1	-0.07	-0.08	-0.08	-0.07		ppb
Tin	118-1	0.16	0.12	0.15	0.14	16.27	ppb
Titanium	47-1	0.21	0.18	0.14	0.18	20.39	ppb
Uranium	238-1	0.00	-0.01	0.02	0.00	1505.09	ppb
Vanadium	51-2	0.13	0.08	0.13	0.11	27.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	28.16	31.29	28.06	29.17	6.29	ppb
Zirconium	90-1	0.03	0.03	0.01	0.02	56.02	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-19	Instrumnet Name :	P8
Client Sample ID :	33HY02BC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:13:33	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.03	0.04	40.31	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01DUP	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62.81	37.73	32.32	44.29	36.73	ppb
Antimony	121-1	0.25	0.22	0.25	0.24	7.36	ppb
Arsenic	75-2	0.10	-0.07	0.19	0.07	176.81	ppb
Barium	135-1	38.29	38.67	37.67	38.21	1.32	ppb
Barium	137-1	38.36	39.04	38.65	38.69	0.88	ppb
Beryllium	9-1	-0.25	-0.23	-0.22	-0.23		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.85	15.05	15.51	15.14	2.24	ppb
Boron	11-1	15.32	14.76	15.40	15.16	2.32	ppb
Cadmium	111-1	-0.03	0.10	-0.06	0.01	1525.92	ppb
Cadmium	106-1	0.15	1.91	-0.27	0.60	193.09	ppb
Cadmium	108-1	-0.08	-0.08	-0.11	-0.09		ppb
Calcium	43-1	36966.11	36933.14	37251.31	37050.19	0.47	ppb
Calcium	44-1	37252.84	36469.36	36747.49	36823.23	1.08	ppb
Chromium	52-2	-0.15	-0.18	-0.20	-0.17		ppb
Cobalt	59-2	-0.11	-0.08	-0.07	-0.09		ppb
Copper	63-2	376.63	379.78	374.05	376.82	0.76	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	140.84	144.27	138.89	141.33	1.93	ppb
Iron	57-2	142.39	151.31	135.21	142.97	5.64	ppb
Lead	206-1	7.57	7.62	7.40	7.53	1.53	ppb
Lead	207-1	7.06	6.82	6.88	6.92	1.83	ppb
Lead	208-1	7.23	7.20	7.14	7.19	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	12021.37	12142.43	12019.70	12061.17	0.58	ppb
Manganese	55-2	20.94	22.33	22.01	21.76	3.34	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01DUP	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.08	0.07	0.08	5.73	ppb
Molybdenum	95-1	0.26	0.23	0.22	0.24	10.27	ppb
Molybdenum	96-1	0.19	0.18	0.25	0.20	18.94	ppb
Molybdenum	97-1	0.24	0.16	0.31	0.24	31.45	ppb
Molybdenum	98-1	0.26	0.24	0.24	0.25	5.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.19	11.03	10.55	10.92	3.05	ppb
Phosphorus	31-2	26.78	4.71	4.58	12.02	106.29	ppb
Potassium	39-2	2556.15	2581.86	2580.63	2572.88	0.56	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	-1.22	-0.29	2.53	0.34	574.40	ppb
Selenium	82-1	0.15	-0.51	-0.62	-0.33		ppb
Silicon	28-1	3440.02	3431.54	3449.72	3440.43	0.26	ppb
Silver	109-1	0.10	0.14	0.10	0.11	19.32	ppb
Silver	107-1	0.10	0.11	0.12	0.11	9.14	ppb
Sodium	23-2	45759.33	47242.00	46414.71	46472.01	1.60	ppb
Strontium	86-1	103.68	101.87	102.55	102.70	0.89	ppb
Strontium	88-1	106.98	106.45	105.68	106.37	0.62	ppb
Sulfur	34-1	2567.39	2536.64	2620.43	2574.82	1.65	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.07	-0.07	-0.07	-0.07		ppb
Thallium	205-1	-0.08	-0.09	-0.09	-0.09		ppb
Tin	118-1	1.31	1.36	1.32	1.33	1.98	ppb
Titanium	47-1	0.18	0.14	0.05	0.12	55.01	ppb
Uranium	238-1	-0.04	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	0.05	0.10	0.04	0.06	48.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	218.93	224.50	226.29	223.24	1.72	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	61.95	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01DUP	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.06	0.05	0.03	93.51	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01LX5	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-27 22:19:52	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.47	8.35	15.36	9.73	52.30	ppb
Antimony	121-1	0.07	0.04	0.06	0.06	27.83	ppb
Arsenic	75-2	-0.06	-0.02	-0.07	-0.05		ppb
Barium	135-1	7.36	6.90	6.81	7.02	4.14	ppb
Barium	137-1	7.21	6.94	7.14	7.10	1.99	ppb
Beryllium	9-1	-0.24	-0.20	-0.18	-0.21		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.44	3.36	3.47	3.76	15.88	ppb
Boron	11-1	3.71	4.07	3.02	3.60	14.72	ppb
Cadmium	111-1	0.00	-0.06	-0.08	-0.04		ppb
Cadmium	106-1	0.82	0.16	-0.25	0.24	223.36	ppb
Cadmium	108-1	-0.14	-0.15	-0.15	-0.15		ppb
Calcium	43-1	7060.95	7134.42	7062.09	7085.82	0.59	ppb
Calcium	44-1	7096.90	7130.88	7202.65	7143.48	0.76	ppb
Chromium	52-2	-0.07	-0.02	0.00	-0.03		ppb
Cobalt	59-2	-0.17	-0.18	-0.16	-0.17		ppb
Copper	63-2	79.94	71.75	72.02	74.57	6.24	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	29.30	26.20	26.75	27.42	6.03	ppb
Iron	57-2	29.28	32.77	22.77	28.27	17.95	ppb
Lead	206-1	1.33	1.27	1.29	1.30	2.26	ppb
Lead	207-1	1.16	1.25	1.20	1.20	3.78	ppb
Lead	208-1	1.26	1.22	1.23	1.24	1.64	ppb
Lithium	6-1						%
Magnesium	24-2	2465.99	2234.64	2243.24	2314.62	5.67	ppb
Manganese	55-2	4.29	3.97	3.84	4.03	5.65	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01LX5	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-27 22:19:52	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	1972.14	ppb
Molybdenum	95-1	0.00	-0.03	0.00	-0.01		ppb
Molybdenum	96-1	-0.04	0.01	-0.03	-0.02		ppb
Molybdenum	97-1	0.01	-0.03	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	-0.03	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	1.82	1.75	1.93	12.99	ppb
Phosphorus	31-2	32.70	-18.04	-18.04	-1.13		ppb
Potassium	39-2	521.13	476.55	483.24	493.64	4.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.21	0.00	0.00	2.07	173.21	ppb
Selenium	78-2	1.88	-0.26	-1.22	0.13	1217.71	ppb
Selenium	82-1	-0.30	-0.48	-0.66	-0.48		ppb
Silicon	28-1	655.17	658.10	659.11	657.46	0.31	ppb
Silver	109-1	0.05	0.03	0.04	0.04	19.94	ppb
Silver	107-1	0.03	0.04	0.03	0.03	23.64	ppb
Sodium	23-2	9741.57	8746.28	8631.59	9039.82	6.75	ppb
Strontium	86-1	19.48	19.04	19.68	19.40	1.68	ppb
Strontium	88-1	19.81	19.85	19.95	19.87	0.35	ppb
Sulfur	34-1	405.09	583.58	537.78	508.81	18.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.08	-0.08	-0.09	-0.08		ppb
Thallium	205-1	-0.09	-0.09	-0.09	-0.09		ppb
Tin	118-1	0.20	0.22	0.27	0.23	15.17	ppb
Titanium	47-1	0.07	0.10	0.04	0.07	44.34	ppb
Uranium	238-1	-0.14	-0.15	-0.14	-0.14		ppb
Vanadium	51-2	-0.04	-0.12	-0.09	-0.09		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	46.46	43.09	43.90	44.48	3.95	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	122.37	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01LX5	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-27 22:19:52	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.00	105.64	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MS	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:23:03	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1957.75	1815.88	1897.92	1890.52	3.77	ppb
Antimony	121-1	722.55	693.62	703.68	706.62	2.08	ppb
Arsenic	75-2	794.07	785.57	779.85	786.50	0.91	ppb
Barium	135-1	233.52	228.10	229.63	230.42	1.21	ppb
Barium	137-1	235.17	230.01	232.53	232.57	1.11	ppb
Beryllium	9-1	179.88	179.08	177.07	178.68	0.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	272.07	277.05	279.38	276.17	1.35	ppb
Boron	11-1	264.36	261.79	268.52	264.89	1.28	ppb
Cadmium	111-1	192.87	188.98	189.11	190.32	1.16	ppb
Cadmium	106-1	166.78	168.70	166.95	167.48	0.64	ppb
Cadmium	108-1	182.15	178.86	178.86	179.96	1.05	ppb
Calcium	43-1	36182.67	37065.00	36904.81	36717.49	1.28	ppb
Calcium	44-1	36352.67	36857.73	36759.86	36656.76	0.73	ppb
Chromium	52-2	411.36	400.92	400.95	404.41	1.49	ppb
Cobalt	59-2	212.13	208.25	205.69	208.69	1.56	ppb
Copper	63-2	699.92	680.05	677.41	685.79	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	3334.97	3252.07	3237.35	3274.79	1.61	ppb
Iron	57-2	3220.91	3155.46	3204.11	3193.49	1.06	ppb
Lead	206-1	969.08	980.78	975.54	975.13	0.60	ppb
Lead	207-1	956.48	965.13	957.93	959.85	0.48	ppb
Lead	208-1	966.23	976.74	968.00	970.32	0.58	ppb
Lithium	6-1						%
Magnesium	24-2	13892.91	13579.89	13466.60	13646.47	1.62	ppb
Manganese	55-2	223.98	221.23	220.75	221.99	0.79	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MS	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:23:03	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	119.05	118.43	118.03	118.50	0.43	ppb
Molybdenum	95-1	388.83	387.49	386.13	387.48	0.35	ppb
Molybdenum	96-1	320.96	316.72	317.70	318.46	0.70	ppb
Molybdenum	97-1	388.25	387.21	387.13	387.53	0.16	ppb
Molybdenum	98-1	395.99	391.06	401.57	396.21	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.99	529.04	523.92	531.65	1.75	ppb
Phosphorus	31-2	5922.95	5370.25	5461.99	5585.06	5.30	ppb
Potassium	39-2	12407.11	11981.62	11964.91	12117.88	2.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1975.35	1908.96	1927.43	1937.25	1.77	ppb
Selenium	78-2	2019.90	1999.05	2078.43	2032.46	2.02	ppb
Selenium	82-1	1991.62	1995.80	1987.62	1991.68	0.21	ppb
Silicon	28-1	4150.93	4205.10	4148.11	4168.05	0.77	ppb
Silver	109-1	70.86	69.69	70.14	70.23	0.84	ppb
Silver	107-1	72.25	70.60	70.63	71.16	1.32	ppb
Sodium	23-2	48757.68	47527.35	47405.61	47896.88	1.56	ppb
Strontium	86-1	288.92	287.26	288.56	288.25	0.30	ppb
Strontium	88-1	296.22	295.18	295.16	295.52	0.20	ppb
Sulfur	34-1	1786.62	2093.97	2104.73	1995.11	9.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1924.08	1968.49	1926.94	1939.84	1.28	ppb
Thallium	205-1	1919.84	1966.01	1948.87	1944.91	1.20	ppb
Tin	118-1	689.79	672.18	674.22	678.73	1.42	ppb
Titanium	47-1	189.41	191.55	193.75	191.57	1.13	ppb
Uranium	238-1	-0.06	-0.05	-0.05	-0.05		ppb
Vanadium	51-2	309.39	296.67	298.26	301.44	2.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	435.66	423.83	423.80	427.76	1.60	ppb
Zirconium	90-1	0.28	0.27	0.24	0.26	6.45	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MS	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:23:03	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.47	0.37	0.39	0.41	13.71	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MSD	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:26:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1865.19	1959.41	1829.41	1884.67	3.56	ppb
Antimony	121-1	723.30	711.06	701.04	711.80	1.57	ppb
Arsenic	75-2	783.99	791.17	779.58	784.91	0.75	ppb
Barium	135-1	234.74	232.77	234.06	233.86	0.43	ppb
Barium	137-1	235.44	232.75	234.27	234.15	0.58	ppb
Beryllium	9-1	177.05	174.94	171.94	174.65	1.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	274.29	273.62	275.38	274.43	0.32	ppb
Boron	11-1	264.59	265.64	269.14	266.46	0.89	ppb
Cadmium	111-1	192.92	189.93	191.63	191.49	0.78	ppb
Cadmium	106-1	166.79	169.27	171.03	169.03	1.26	ppb
Cadmium	108-1	182.33	183.77	179.89	182.00	1.08	ppb
Calcium	43-1	37321.99	37433.88	37100.48	37285.45	0.46	ppb
Calcium	44-1	37143.41	37117.52	36780.24	37013.72	0.55	ppb
Chromium	52-2	402.25	405.75	400.00	402.67	0.72	ppb
Cobalt	59-2	208.02	209.92	206.60	208.18	0.80	ppb
Copper	63-2	689.42	687.70	676.11	684.41	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3280.86	3287.70	3224.06	3264.21	1.07	ppb
Iron	57-2	3137.81	3149.28	3115.37	3134.15	0.55	ppb
Lead	206-1	975.79	982.59	982.84	980.41	0.41	ppb
Lead	207-1	959.02	963.21	960.12	960.79	0.23	ppb
Lead	208-1	964.87	974.20	976.53	971.86	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	13589.15	13569.47	13287.44	13482.02	1.25	ppb
Manganese	55-2	223.41	225.21	217.36	221.99	1.85	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MSD	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:26:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	118.04	118.43	119.42	118.63	0.60	ppb
Molybdenum	95-1	382.40	388.31	387.24	385.99	0.82	ppb
Molybdenum	96-1	317.63	317.72	317.42	317.59	0.05	ppb
Molybdenum	97-1	386.09	389.32	387.85	387.75	0.42	ppb
Molybdenum	98-1	397.99	399.34	397.02	398.12	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	538.91	535.99	529.42	534.77	0.91	ppb
Phosphorus	31-2	5984.99	6036.90	5828.22	5950.04	1.83	ppb
Potassium	39-2	12229.98	12002.49	11983.51	12071.99	1.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1942.89	2109.91	2013.19	2022.00	4.15	ppb
Selenium	78-2	2017.59	1991.58	2023.22	2010.80	0.84	ppb
Selenium	82-1	1965.27	1982.71	1986.71	1978.23	0.58	ppb
Silicon	28-1	4271.08	4241.15	4191.06	4234.43	0.95	ppb
Silver	109-1	71.37	70.47	70.97	70.94	0.64	ppb
Silver	107-1	72.28	71.54	71.55	71.79	0.59	ppb
Sodium	23-2	47729.86	47580.80	47509.63	47606.76	0.24	ppb
Strontium	86-1	286.24	287.11	286.41	286.59	0.16	ppb
Strontium	88-1	291.50	292.52	291.84	291.95	0.18	ppb
Sulfur	34-1	1892.96	2013.27	1717.59	1874.61	7.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1923.97	1949.48	1940.18	1937.88	0.67	ppb
Thallium	205-1	1944.05	1964.12	1965.00	1957.72	0.61	ppb
Tin	118-1	689.49	686.32	688.03	687.94	0.23	ppb
Titanium	47-1	193.95	197.23	189.92	193.70	1.89	ppb
Uranium	238-1	-0.06	-0.05	-0.03	-0.05		ppb
Vanadium	51-2	303.47	301.96	295.30	300.24	1.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	421.99	422.61	420.18	421.59	0.30	ppb
Zirconium	90-1	0.18	0.15	0.14	0.16	14.11	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MSD	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:26:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.34	0.36	0.30	0.33	8.73	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01A	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:29:17	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1875.67	1859.71	1958.20	1897.86	2.79	ppb
Antimony	121-1	695.95	699.60	695.17	696.91	0.34	ppb
Arsenic	75-2	785.78	788.87	791.88	788.84	0.39	ppb
Barium	135-1	230.66	229.24	229.26	229.72	0.35	ppb
Barium	137-1	230.31	230.84	230.28	230.48	0.14	ppb
Beryllium	9-1	172.97	172.69	170.95	172.20	0.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	275.33	271.05	289.49	278.62	3.46	ppb
Boron	11-1	266.41	263.06	267.69	265.72	0.90	ppb
Cadmium	111-1	189.24	191.87	190.55	190.55	0.69	ppb
Cadmium	106-1	165.20	171.69	170.47	169.12	2.04	ppb
Cadmium	108-1	178.09	178.82	175.86	177.59	0.87	ppb
Calcium	43-1	37283.02	37144.75	36974.16	37133.98	0.42	ppb
Calcium	44-1	37233.07	37016.21	36725.64	36991.64	0.69	ppb
Chromium	52-2	410.29	420.27	408.85	413.14	1.50	ppb
Cobalt	59-2	212.81	215.60	213.49	213.97	0.68	ppb
Copper	63-2	695.41	705.68	698.78	699.96	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3315.65	3363.24	3323.40	3334.10	0.77	ppb
Iron	57-2	3226.09	3268.20	3316.30	3270.20	1.38	ppb
Lead	206-1	984.63	980.83	986.53	984.00	0.29	ppb
Lead	207-1	965.98	954.22	960.20	960.13	0.61	ppb
Lead	208-1	982.20	967.85	977.00	975.68	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	13843.94	14051.54	13660.39	13851.96	1.41	ppb
Manganese	55-2	221.73	224.75	225.90	224.13	0.96	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01A	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:29:17	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	118.14	118.55	120.00	118.90	0.82	ppb
Molybdenum	95-1	387.26	393.66	395.97	392.30	1.15	ppb
Molybdenum	96-1	316.33	318.84	321.48	318.88	0.81	ppb
Molybdenum	97-1	383.40	390.49	388.23	387.38	0.94	ppb
Molybdenum	98-1	395.55	399.42	403.00	399.32	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.96	548.56	540.85	543.46	0.81	ppb
Phosphorus	31-2	5864.91	5818.45	5162.45	5615.27	7.00	ppb
Potassium	39-2	12115.54	12261.95	12086.23	12154.57	0.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1817.43	1977.51	2192.81	1995.92	9.44	ppb
Selenium	78-2	1948.47	1989.56	2024.09	1987.37	1.90	ppb
Selenium	82-1	1975.44	2006.41	2004.72	1995.52	0.87	ppb
Silicon	28-1	4210.46	4201.16	4167.99	4193.20	0.53	ppb
Silver	109-1	70.37	70.40	70.58	70.45	0.16	ppb
Silver	107-1	70.19	70.99	70.70	70.63	0.57	ppb
Sodium	23-2	48527.63	48793.18	47911.66	48410.82	0.93	ppb
Strontium	86-1	286.41	285.42	289.51	287.11	0.74	ppb
Strontium	88-1	292.04	293.85	296.60	294.16	0.78	ppb
Sulfur	34-1	1802.04	1651.90	1598.14	1684.03	6.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1941.92	1947.15	1964.00	1951.02	0.59	ppb
Thallium	205-1	1961.16	1942.16	1965.94	1956.42	0.64	ppb
Tin	118-1	672.22	680.78	681.72	678.24	0.77	ppb
Titanium	47-1	191.08	193.56	192.87	192.50	0.66	ppb
Uranium	238-1	-0.05	-0.05	-0.06	-0.05		ppb
Vanadium	51-2	307.30	312.41	309.01	309.57	0.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	431.06	442.87	435.22	436.38	1.37	ppb
Zirconium	90-1	0.14	0.16	0.16	0.15	9.86	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01A	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:29:17	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.34	0.38	0.35	9.82	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:32:24	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47955.85	48255.98	47835.20	48015.68	0.45	ppb
Antimony	121-1	480.44	479.94	486.84	482.41	0.80	ppb
Arsenic	75-2	488.79	483.78	490.96	487.84	0.76	ppb
Barium	135-1	2418.25	2442.36	2461.81	2440.81	0.89	ppb
Barium	137-1	2398.77	2425.28	2431.56	2418.54	0.72	ppb
Beryllium	9-1	465.31	469.64	471.59	468.85	0.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	475.75	489.14	499.77	488.22	2.47	ppb
Boron	11-1	467.00	478.21	476.17	473.80	1.26	ppb
Cadmium	111-1	466.00	464.87	467.84	466.24	0.32	ppb
Cadmium	106-1	478.71	472.21	473.97	474.96	0.71	ppb
Cadmium	108-1	465.06	467.10	471.17	467.78	0.67	ppb
Calcium	43-1	233054.89	230561.43	235279.81	232965.38	1.01	ppb
Calcium	44-1	230288.56	230198.21	230354.18	230280.32	0.03	ppb
Chromium	52-2	496.75	502.73	498.82	499.43	0.61	ppb
Cobalt	59-2	499.15	501.55	495.67	498.79	0.59	ppb
Copper	63-2	980.72	980.98	971.22	977.64	0.57	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	123555.79	123502.73	123190.24	123416.25	0.16	ppb
Iron	57-2	119398.93	120155.16	119306.28	119620.12	0.39	ppb
Lead	206-1	497.11	492.24	491.87	493.74	0.59	ppb
Lead	207-1	491.38	488.37	494.97	491.57	0.67	ppb
Lead	208-1	493.02	491.36	493.71	492.70	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	244770.04	242021.17	245743.05	244178.09	0.79	ppb
Manganese	55-2	991.10	986.98	987.13	988.41	0.24	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:32:24	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.94	499.44	501.03	501.80	0.56	ppb
Molybdenum	95-1	501.91	492.99	499.34	498.08	0.92	ppb
Molybdenum	96-1	504.01	493.73	499.30	499.01	1.03	ppb
Molybdenum	97-1	490.48	483.82	485.11	486.47	0.73	ppb
Molybdenum	98-1	502.74	490.94	499.01	497.56	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.86	498.23	495.62	498.24	0.53	ppb
Phosphorus	31-2	10166.65	9557.78	9938.60	9887.68	3.11	ppb
Potassium	39-2	123693.21	121865.76	120757.45	122105.47	1.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	511.72	500.23	535.55	515.83	3.49	ppb
Selenium	78-2	499.54	464.69	471.77	478.67	3.85	ppb
Selenium	82-1	484.41	479.81	481.97	482.06	0.48	ppb
Silicon	28-1	489.81	494.89	494.70	493.13	0.58	ppb
Silver	109-1	469.53	475.00	477.61	474.05	0.87	ppb
Silver	107-1	471.31	471.39	475.74	472.82	0.54	ppb
Sodium	23-2	243602.35	242299.31	242769.40	242890.35	0.27	ppb
Strontium	86-1	494.59	491.24	496.11	493.98	0.50	ppb
Strontium	88-1	505.64	499.15	501.19	501.99	0.66	ppb
Sulfur	34-1	9556.90	9699.04	10032.47	9762.80	2.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	495.99	497.38	496.73	496.70	0.14	ppb
Thallium	205-1	491.56	496.46	488.95	492.32	0.77	ppb
Tin	118-1	481.53	483.39	484.20	483.04	0.28	ppb
Titanium	47-1	479.53	474.51	482.48	478.84	0.84	ppb
Uranium	238-1	508.67	508.64	505.61	507.64	0.35	ppb
Vanadium	51-2	499.13	499.63	501.51	500.09	0.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	967.71	974.64	957.34	966.56	0.90	ppb
Zirconium	90-1	495.30	495.66	497.86	496.28	0.28	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:32:24	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.23	487.11	487.08	487.81	0.25	ppb

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 22:35:27 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.95	-0.42	3.34	2.63	104.89	ppb
Antimony	121-1	0.32	0.32	0.38	0.34	8.90	ppb
Arsenic	75-2	-0.02	0.01	-0.09	-0.03		ppb
Barium	135-1	-0.11	-0.09	-0.09	-0.10		ppb
Barium	137-1	-0.10	-0.08	-0.14	-0.10		ppb
Beryllium	9-1	0.01	-0.16	-0.05	-0.07		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.20	16.42	17.57	17.40	5.18	ppb
Boron	11-1	18.59	17.28	15.93	17.27	7.70	ppb
Cadmium	111-1	0.05	0.02	0.08	0.05	54.85	ppb
Cadmium	106-1	0.97	0.32	1.38	0.89	59.97	ppb
Cadmium	108-1	-0.07	-0.07	-0.18	-0.11		ppb
Calcium	43-1	-1.12	-11.91	-9.26	-7.43		ppb
Calcium	44-1	9.01	6.95	9.66	8.54	16.56	ppb
Chromium	52-2	-0.07	-0.02	0.05	-0.01		ppb
Cobalt	59-2	-0.17	-0.17	-0.17	-0.17		ppb
Copper	63-2	0.06	0.12	0.15	0.11	40.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.45	4.01	4.63	4.03	14.65	ppb
Iron	57-2	5.33	1.20	7.83	4.79	70.04	ppb
Lead	206-1	-0.03	-0.04	-0.03	-0.04		ppb
Lead	207-1	-0.06	-0.01	-0.04	-0.04		ppb
Lead	208-1	-0.04	-0.04	-0.05	-0.04		ppb
Lithium	6-1						%
Magnesium	24-2	4.07	6.34	8.01	6.14	32.22	ppb
Manganese	55-2	-0.16	-0.14	-0.02	-0.10		ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:35:27	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.00	0.01	0.01	132.50	ppb
Molybdenum	95-1	0.00	-0.03	-0.03	-0.02		ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	413.05	ppb
Molybdenum	97-1	-0.03	0.01	-0.03	-0.02		ppb
Molybdenum	98-1	0.00	-0.03	-0.03	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.11	-0.15	-0.14		ppb
Phosphorus	31-2	29.27	6.37	6.49	14.04	93.94	ppb
Potassium	39-2	-0.85	10.16	23.88	11.06	112.02	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	-1.22	-0.18	1.78	0.13	1195.93	ppb
Selenium	82-1	-0.17	-0.53	0.33	-0.12		ppb
Silicon	28-1	-22.22	-20.36	-20.97	-21.18		ppb
Silver	109-1	0.10	0.10	0.09	0.10	2.21	ppb
Silver	107-1	0.09	0.10	0.08	0.09	7.70	ppb
Sodium	23-2	48.21	54.22	59.27	53.90	10.27	ppb
Strontium	86-1	0.07	0.04	0.06	0.05	29.73	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	12.87	ppb
Sulfur	34-1	127.98	7.67	123.53	86.39	78.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.15	0.14	0.14	0.14	7.00	ppb
Thallium	205-1	0.15	0.13	0.11	0.13	14.48	ppb
Tin	118-1	0.07	0.10	0.05	0.07	36.41	ppb
Titanium	47-1	0.00	0.04	0.04	0.03	88.83	ppb
Uranium	238-1	-0.15	-0.16	-0.16	-0.16		ppb
Vanadium	51-2	-0.12	-0.09	-0.10	-0.10		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.04	-0.24	0.02	-0.06		ppb
Zirconium	90-1	0.03	0.06	0.04	0.04	34.76	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:35:27	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.03	0.04	28.41	ppb

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:47:06	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	0	0	11	173.21	cps
Antimony	121-1	117	67	175	119	45.39	cps
Arsenic	75-2	13	11	11	12	9.11	cps
Barium	135-1	333	275	225	278	19.52	cps
Barium	137-1	583	558	567	569	2.24	cps
Beryllium	9-1	261	300	250	270	9.71	cps
Bismuth	209-1	4188633	4197125	4150624	4178794	0.59	cps
Bismuth	209-2	1115125	1129393	1134180	1126233	0.88	cps
Boron	10-1	317	383	267	322	18.17	cps
Boron	11-1	1475	1442	1742	1553	10.59	cps
Cadmium	111-1	570	760	753	695	15.49	cps
Cadmium	106-1	600	967	892	820	23.64	cps
Cadmium	108-1	29	29	13	24	40.76	cps
Calcium	43-1	1233	1217	1400	1283	7.90	cps
Calcium	44-1	12239	12398	13065	12567	3.49	cps
Chromium	52-2	687	720	643	683	5.63	cps
Cobalt	59-2	273	263	300	279	6.80	cps
Copper	63-2	240	233	233	236	1.63	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	0	58	17	25	120.18	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	6270808	6189637	6268587	6243011	0.74	cps
Holmium	165-2	1347691	1372162	1368225	1362693	0.96	cps
Indium	115-1	4949934	4902774	4933585	4928764	0.49	cps
Indium	115-2	224416	227698	229046	227053	1.05	cps
Iron	56-2	1006	1067	1167	1080	7.53	cps
Iron	57-2	33	33	22	30	21.65	cps
Lead	206-1	1417	1267	1456	1380	7.23	cps
Lead	207-1	1200	1233	1306	1246	4.33	cps
Lead	208-1	5495	5440	5578	5504	1.27	cps
Lithium	6-1	687393	687588	686129	687037	0.12	cps
Magnesium	24-2	83	108	92	94	13.48	cps
Manganese	55-2	40	37	43	40	8.32	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:47:06	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	350	333	336	3.79	cps
Molybdenum	95-1	308	375	267	317	17.26	cps
Molybdenum	96-1	317	433	383	378	15.49	cps
Molybdenum	97-1	283	200	192	225	22.53	cps
Molybdenum	98-1	633	433	542	536	18.68	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	127	117	113	13.48	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2542	2317	2559	2473	5.46	cps
Rhodium	103-1	4545760	4567815	4561399	4558325	0.25	cps
Rhodium	103-2	1214030	1233810	1235141	1227660	0.96	cps
Scandium	45-1	2751005	2696425	2740615	2729348	1.06	cps
Scandium	45-2	22398	22732	23199	22776	1.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-57	32	0	-8	-528.74	cps
Silicon	28-1	378793	380081	377664	378846	0.32	cps
Silver	109-1	42	58	17	39	53.93	cps
Silver	107-1	58	50	142	83	60.83	cps
Sodium	23-2	5985	5826	5626	5813	3.09	cps
Strontium	86-1	533	333	417	428	23.49	cps
Strontium	88-1	100	125	133	119	14.53	cps
Sulfur	34-1	345497	346943	346028	346156	0.21	cps
Terbium	159-1	6455423	6403888	6431193	6430168	0.40	cps
Terbium	159-2	1312127	1339257	1341402	1330929	1.23	cps
Thallium	203-1	458	625	583	556	15.61	cps
Thallium	205-1	1383	1575	1467	1475	6.52	cps
Tin	118-1	458	517	475	483	6.22	cps
Titanium	47-1	133	75	92	100	30.05	cps
Uranium	238-1	3451	3567	3142	3387	6.49	cps
Vanadium	51-2	67	70	63	67	5.00	cps
Yttrium	89-1	5062725	5030053	5027457	5040078	0.39	cps
Yttrium	89-2	161437	163292	165216	163315	1.16	cps
Zinc	66-2	43	47	47	46	4.23	cps
Zirconium	90-1	333	392	367	364	8.04	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:47:06	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	67	58	67	12.49	cps

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 19:54:02 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	117	117	111	8.66	cps
Antimony	121-1	14083	13683	14108	13958	1.71	cps
Arsenic	75-2	107	83	115	102	16.16	cps
Barium	135-1	14559	15493	14776	14942	3.27	cps
Barium	137-1	25234	24482	26360	25359	3.73	cps
Beryllium	9-1	1050	917	1006	991	6.85	cps
Bismuth	209-1	4229419	4208056	4224808	4220761	0.27	cps
Bismuth	209-2	1144474	1138648	1142377	1141833	0.26	cps
Boron	10-1	2492	2434	2450	2459	1.22	cps
Boron	11-1	11196	11622	11739	11519	2.48	cps
Cadmium	111-1	2223	2346	2160	2243	4.20	cps
Cadmium	106-1	1058	1075	1050	1061	1.20	cps
Cadmium	108-1	79	129	125	111	24.97	cps
Calcium	43-1	7894	7986	7719	7866	1.72	cps
Calcium	44-1	125432	123279	125667	124793	1.05	cps
Chromium	52-2	2014	2004	2007	2008	0.25	cps
Cobalt	59-2	1603	1757	1690	1683	4.57	cps
Copper	63-2	2574	2534	2680	2596	2.92	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	6261000	6285303	6281819	6276041	0.21	cps
Holmium	165-2	1390499	1374934	1382742	1382725	0.56	cps
Indium	115-1	5098960	5046013	5037113	5060695	0.66	cps
Indium	115-2	230422	230657	230331	230470	0.07	cps
Iron	56-2	23108	22057	22892	22686	2.45	cps
Iron	57-2	594	572	533	567	5.46	cps
Lead	206-1	6124	5618	5446	5729	6.15	cps
Lead	207-1	5218	5251	5390	5286	1.73	cps
Lead	208-1	23748	22825	23081	23218	2.05	cps
Lithium	6-1	704136	699348	705834	703106	0.48	cps
Magnesium	24-2	10896	10454	11030	10793	2.79	cps
Manganese	55-2	210	217	197	208	4.90	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:54:02	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11422	11948	11864	11745	2.41	cps
Molybdenum	95-1	13974	13632	14333	13980	2.51	cps
Molybdenum	96-1	15493	15176	15009	15226	1.62	cps
Molybdenum	97-1	8478	8553	8578	8536	0.61	cps
Molybdenum	98-1	22653	22553	22428	22545	0.50	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	487	480	483	483	0.69	cps
Phosphorus	31-2	25	8	0	11	114.58	cps
Potassium	39-2	8303	8987	9037	8775	4.67	cps
Rhodium	103-1	4676252	4623499	4663171	4654307	0.59	cps
Rhodium	103-2	1246379	1243770	1242955	1244368	0.14	cps
Scandium	45-1	2767767	2780835	2735108	2761237	0.85	cps
Scandium	45-2	23233	23406	22859	23166	1.21	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	13	15	11	13	14.27	cps
Selenium	82-1	449	436	425	437	2.76	cps
Silicon	28-1	424663	425910	424844	425139	0.16	cps
Silver	109-1	7094	7219	7011	7108	1.48	cps
Silver	107-1	7511	7152	7027	7230	3.47	cps
Sodium	23-2	30826	30542	31160	30843	1.00	cps
Strontium	86-1	2292	2184	2325	2267	3.27	cps
Strontium	88-1	15468	15459	15560	15496	0.36	cps
Sulfur	34-1	354635	350721	354728	353361	0.65	cps
Terbium	159-1	6459082	6423214	6490543	6457613	0.52	cps
Terbium	159-2	1348008	1340918	1346697	1345208	0.28	cps
Thallium	203-1	6018	6035	6068	6041	0.42	cps
Thallium	205-1	14526	15068	14934	14843	1.90	cps
Tin	118-1	23355	21969	22820	22715	3.08	cps
Titanium	47-1	3442	3884	3592	3640	6.17	cps
Uranium	238-1	20009	20184	19808	20000	0.94	cps
Vanadium	51-2	2367	2224	2157	2249	4.77	cps
Yttrium	89-1	5127556	5135764	5100605	5121308	0.36	cps
Yttrium	89-2	166609	164102	166210	165640	0.81	cps
Zinc	66-2	300	267	223	263	14.60	cps
Zirconium	90-1	9545	10271	9754	9857	3.79	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:54:02	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2234	1934	2184	2117	7.59	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:57:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4826	5268	5451	5182	6.20	cps
Antimony	121-1	398161	393126	392305	394530	0.80	cps
Arsenic	75-2	4621	4627	4842	4697	2.68	cps
Barium	135-1	417080	411216	410366	412887	0.89	cps
Barium	137-1	718680	712343	714570	715197	0.45	cps
Beryllium	9-1	47936	46486	46771	47065	1.63	cps
Bismuth	209-1	4291648	4231290	4320711	4281216	1.07	cps
Bismuth	209-2	1161740	1152735	1153852	1156109	0.42	cps
Boron	10-1	5568	5510	5535	5537	0.53	cps
Boron	11-1	24280	25190	25582	25017	2.67	cps
Cadmium	111-1	84013	84343	83429	83928	0.55	cps
Cadmium	106-1	9504	8962	9521	9329	3.41	cps
Cadmium	108-1	6093	5881	6147	6040	2.33	cps
Calcium	43-1	84194	81378	81092	82221	2.09	cps
Calcium	44-1	1373808	1333516	1335291	1347538	1.69	cps
Chromium	52-2	35739	35776	35826	35780	0.12	cps
Cobalt	59-2	76566	75922	75108	75865	0.96	cps
Copper	63-2	132783	133645	131788	132739	0.70	cps
Dysprosium	156-1	58	0	33	31	95.79	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	50	42	33	66.15	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	6359143	6326739	6333552	6339811	0.27	cps
Holmium	165-2	1408202	1406585	1397636	1404141	0.41	cps
Indium	115-1	5156931	5113878	5083375	5118061	0.72	cps
Indium	115-2	233599	233648	230430	232559	0.79	cps
Iron	56-2	1206618	1196732	1207942	1203764	0.51	cps
Iron	57-2	30729	30072	29916	30239	1.43	cps
Lead	206-1	251337	249955	247188	249493	0.85	cps
Lead	207-1	228173	228624	225253	227350	0.81	cps
Lead	208-1	1021250	1014920	1010534	1015568	0.53	cps
Lithium	6-1	713356	710342	709841	711180	0.27	cps
Magnesium	24-2	124053	123533	122735	123441	0.54	cps
Manganese	55-2	19597	20218	20699	20171	2.74	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:57:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	290005	292310	289328	290548	0.54	cps
Molybdenum	95-1	156617	155810	155734	156053	0.31	cps
Molybdenum	96-1	203354	202837	196715	200969	1.84	cps
Molybdenum	97-1	98339	98431	98633	98468	0.15	cps
Molybdenum	98-1	253039	249189	249704	250644	0.83	cps
Neodymium	150-1	40	27	33	33	20.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	22315	22562	22191	22356	0.84	cps
Phosphorus	31-2	425	400	492	439	10.80	cps
Potassium	39-2	37994	37744	38278	38005	0.70	cps
Rhodium	103-1	4662042	4665044	4677583	4668223	0.18	cps
Rhodium	103-2	1257682	1260507	1249993	1256060	0.43	cps
Scandium	45-1	2829962	2822087	2814558	2822202	0.27	cps
Scandium	45-2	23804	23413	23951	23722	1.17	cps
Selenium	77-2	33	33	43	37	15.75	cps
Selenium	78-2	94	113	119	109	11.60	cps
Selenium	82-1	5121	5112	5126	5120	0.14	cps
Silicon	28-1	552938	554588	547770	551765	0.64	cps
Silver	109-1	388582	386534	382468	385861	0.81	cps
Silver	107-1	403971	399654	402405	402010	0.54	cps
Sodium	23-2	289465	290876	288996	289779	0.34	cps
Strontium	86-1	101592	98563	99384	99846	1.57	cps
Strontium	88-1	864332	863781	861987	863366	0.14	cps
Sulfur	34-1	375975	372001	371142	373039	0.69	cps
Terbium	159-1	6518479	6493219	6484627	6498775	0.27	cps
Terbium	159-2	1370765	1361985	1363669	1365473	0.34	cps
Thallium	203-1	304837	303179	305342	304453	0.37	cps
Thallium	205-1	731779	728943	719086	726603	0.92	cps
Tin	118-1	261954	260559	264567	262360	0.78	cps
Titanium	47-1	41646	41462	41997	41702	0.65	cps
Uranium	238-1	981561	974268	975721	977183	0.40	cps
Vanadium	51-2	25781	26228	25867	25959	0.91	cps
Yttrium	89-1	5238339	5182700	5196902	5205980	0.56	cps
Yttrium	89-2	169324	169061	166511	168299	0.92	cps
Zinc	66-2	12376	13116	12803	12765	2.91	cps
Zirconium	90-1	554934	557799	549362	554032	0.77	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 19:57:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	124229	122464	123515	123403	0.72	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:01:04	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12431	13223	12848	12834	3.09	cps
Antimony	121-1	996946	977245	980973	985055	1.06	cps
Arsenic	75-2	11533	11623	11883	11680	1.56	cps
Barium	135-1	1036047	1020630	1018968	1025215	0.92	cps
Barium	137-1	1810563	1805172	1787098	1800944	0.68	cps
Beryllium	9-1	116025	118087	118221	117444	1.05	cps
Bismuth	209-1	4350848	4287267	4310476	4316197	0.75	cps
Bismuth	209-2	1141696	1153750	1144356	1146601	0.55	cps
Boron	10-1	13315	13082	13173	13190	0.89	cps
Boron	11-1	62746	64320	64027	63698	1.31	cps
Cadmium	111-1	208687	205924	206434	207015	0.71	cps
Cadmium	106-1	21702	22703	21869	22091	2.43	cps
Cadmium	108-1	14320	14754	14212	14429	1.99	cps
Calcium	43-1	201791	197663	202433	200629	1.29	cps
Calcium	44-1	3309512	3261103	3294079	3288231	0.75	cps
Chromium	52-2	86676	86284	87095	86685	0.47	cps
Cobalt	59-2	185554	183890	187209	185551	0.89	cps
Copper	63-2	323048	327119	329516	326561	1.00	cps
Dysprosium	156-1	8	67	25	33	90.15	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	0	42	17	132.30	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	6363726	6362102	6369497	6365108	0.06	cps
Holmium	165-2	1393738	1405451	1392561	1397250	0.51	cps
Indium	115-1	5131076	5131111	5069915	5110701	0.69	cps
Indium	115-2	228970	229166	230181	229439	0.28	cps
Iron	56-2	2992080	2974707	2976503	2981097	0.32	cps
Iron	57-2	74186	74141	75018	74448	0.66	cps
Lead	206-1	618664	616891	620265	618607	0.27	cps
Lead	207-1	563362	560466	561857	561895	0.26	cps
Lead	208-1	2534022	2509892	2528473	2524129	0.50	cps
Lithium	6-1	716137	713835	721805	717259	0.57	cps
Magnesium	24-2	310584	311255	309225	310355	0.33	cps
Manganese	55-2	49778	49427	49387	49531	0.43	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:01:04	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	726185	721173	718181	721846	0.56	cps
Molybdenum	95-1	392948	388492	383374	388271	1.23	cps
Molybdenum	96-1	504105	496939	499368	500137	0.73	cps
Molybdenum	97-1	244756	244427	242651	243945	0.46	cps
Molybdenum	98-1	627963	627785	620592	625447	0.67	cps
Neodymium	150-1	80	60	53	64	21.53	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	54597	55393	55915	55302	1.20	cps
Phosphorus	31-2	833	958	1083	958	13.04	cps
Potassium	39-2	89819	89216	90407	89814	0.66	cps
Rhodium	103-1	4668088	4635133	4681340	4661521	0.51	cps
Rhodium	103-2	1231463	1245387	1239399	1238749	0.56	cps
Scandium	45-1	2861029	2783396	2839161	2827862	1.42	cps
Scandium	45-2	23062	23500	23874	23479	1.73	cps
Selenium	77-2	63	97	73	78	22.00	cps
Selenium	78-2	276	246	302	275	10.12	cps
Selenium	82-1	12893	12984	12763	12880	0.86	cps
Silicon	28-1	816262	815242	812718	814741	0.22	cps
Silver	109-1	958229	958056	948590	954958	0.58	cps
Silver	107-1	990898	990704	995446	992349	0.27	cps
Sodium	23-2	710445	712674	714982	712700	0.32	cps
Strontium	86-1	245160	246049	249419	246876	0.91	cps
Strontium	88-1	2168454	2165563	2203502	2179173	0.97	cps
Sulfur	34-1	401626	406039	404317	403994	0.55	cps
Terbium	159-1	6609249	6640975	6555977	6602067	0.65	cps
Terbium	159-2	1358539	1366379	1358252	1361056	0.34	cps
Thallium	203-1	759964	760567	758440	759657	0.14	cps
Thallium	205-1	1847904	1837320	1841886	1842370	0.29	cps
Tin	118-1	655995	656299	651971	654755	0.37	cps
Titanium	47-1	100576	101424	103538	101846	1.50	cps
Uranium	238-1	2515407	2505243	2497252	2505967	0.36	cps
Vanadium	51-2	63145	63908	63848	63634	0.67	cps
Yttrium	89-1	5189988	5192131	5185641	5189253	0.06	cps
Yttrium	89-2	163774	168359	165594	165909	1.39	cps
Zinc	66-2	30039	30277	30961	30426	1.57	cps
Zirconium	90-1	1376046	1365499	1369108	1370218	0.39	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:01:04	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	307789	305474	303152	305472	0.76	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:04:32	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25724	25023	25374	25374	1.38	cps
Antimony	121-1	1989949	2010965	1999676	2000197	0.53	cps
Arsenic	75-2	22730	22708	22685	22708	0.10	cps
Barium	135-1	2093340	2103964	2084824	2094043	0.46	cps
Barium	137-1	3592786	3582765	3575998	3583850	0.24	cps
Beryllium	9-1	234113	233687	233761	233853	0.10	cps
Bismuth	209-1	4277370	4297755	4292034	4289053	0.25	cps
Bismuth	209-2	1135470	1125039	1125861	1128790	0.51	cps
Boron	10-1	25615	27193	26659	26489	3.03	cps
Boron	11-1	124446	128169	130674	127763	2.45	cps
Cadmium	111-1	413235	412870	413551	413218	0.08	cps
Cadmium	106-1	43646	42602	42953	43067	1.23	cps
Cadmium	108-1	28514	29015	28752	28760	0.87	cps
Calcium	43-1	398136	398104	396624	397621	0.22	cps
Calcium	44-1	6439292	6482690	6463227	6461737	0.34	cps
Chromium	52-2	171860	170558	172018	171479	0.47	cps
Cobalt	59-2	362670	364755	361611	363012	0.44	cps
Copper	63-2	645251	637836	641849	641645	0.58	cps
Dysprosium	156-1	33	67	83	61	41.67	cps
Dysprosium	156-2	7	23	10	13	66.12	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	83	67	58	69	18.33	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	6447998	6397991	6453869	6433286	0.48	cps
Holmium	165-2	1384114	1383767	1383036	1383639	0.04	cps
Indium	115-1	5082602	4990301	5037795	5036900	0.92	cps
Indium	115-2	225446	224062	223809	224439	0.39	cps
Iron	56-2	5855428	5869770	5807292	5844163	0.56	cps
Iron	57-2	145956	148033	147382	147124	0.72	cps
Lead	206-1	1252365	1238677	1243531	1244858	0.56	cps
Lead	207-1	1136907	1122451	1128459	1129272	0.64	cps
Lead	208-1	5181284	5137038	5149270	5155864	0.44	cps
Lithium	6-1	724526	728443	722981	725317	0.39	cps
Magnesium	24-2	607810	603270	605668	605583	0.37	cps
Manganese	55-2	96876	97061	96893	96943	0.11	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:04:32	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1465151	1469545	1503209	1479302	1.41	cps
Molybdenum	95-1	771318	770180	778189	773229	0.56	cps
Molybdenum	96-1	1004450	1002380	1008413	1005081	0.31	cps
Molybdenum	97-1	485274	486403	483827	485168	0.27	cps
Molybdenum	98-1	1247133	1244160	1245123	1245472	0.12	cps
Neodymium	150-1	60	73	87	73	18.18	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	108693	107863	107423	107993	0.60	cps
Phosphorus	31-2	2125	1867	1967	1986	6.56	cps
Potassium	39-2	176213	175023	175566	175601	0.34	cps
Rhodium	103-1	4623744	4640051	4615665	4626487	0.27	cps
Rhodium	103-2	1230675	1215583	1212815	1219691	0.79	cps
Scandium	45-1	2775772	2841454	2830247	2815824	1.25	cps
Scandium	45-2	23289	23413	22862	23188	1.25	cps
Selenium	77-2	213	150	140	168	23.70	cps
Selenium	78-2	563	507	532	534	5.22	cps
Selenium	82-1	25659	25600	25998	25752	0.83	cps
Silicon	28-1	1116677	1110093	1103124	1109965	0.61	cps
Silver	109-1	1946503	1941018	1956675	1948066	0.41	cps
Silver	107-1	2003921	2020918	2044561	2023133	1.01	cps
Sodium	23-2	1420157	1412308	1417237	1416567	0.28	cps
Strontium	86-1	490196	496262	492861	493106	0.62	cps
Strontium	88-1	4340205	4366377	4312173	4339585	0.62	cps
Sulfur	34-1	452598	453078	447584	451087	0.67	cps
Terbium	159-1	6653379	6594444	6663657	6637160	0.56	cps
Terbium	159-2	1347126	1350802	1340339	1346089	0.39	cps
Thallium	203-1	1517634	1534568	1519257	1523819	0.61	cps
Thallium	205-1	3731565	3685901	3697275	3704914	0.64	cps
Tin	118-1	1302882	1311811	1312885	1309193	0.42	cps
Titanium	47-1	203482	201893	202586	202654	0.39	cps
Uranium	238-1	5080900	4999998	4956873	5012590	1.26	cps
Vanadium	51-2	125270	125025	126593	125629	0.67	cps
Yttrium	89-1	5214856	5255311	5169710	5213292	0.82	cps
Yttrium	89-2	164466	164500	163768	164245	0.25	cps
Zinc	66-2	60020	59490	59809	59773	0.45	cps
Zirconium	90-1	2799401	2804447	2784304	2796051	0.37	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:04:32	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	612860	615358	609589	612602	0.47	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:07:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48668	49362	50508	49513	1.88	cps
Antimony	121-1	3919430	3965791	3882621	3922614	1.06	cps
Arsenic	75-2	44367	44455	45209	44677	1.04	cps
Barium	135-1	4072417	4095653	4081465	4083178	0.29	cps
Barium	137-1	7006587	7044006	6964747	7005113	0.57	cps
Beryllium	9-1	459949	454182	454353	456161	0.72	cps
Bismuth	209-1	4267099	4284479	4325840	4292473	0.70	cps
Bismuth	209-2	1105688	1103438	1110880	1106669	0.34	cps
Boron	10-1	52388	52547	53517	52817	1.16	cps
Boron	11-1	244072	249386	253528	248995	1.90	cps
Cadmium	111-1	812190	808993	805821	809001	0.39	cps
Cadmium	106-1	83408	82878	80759	82348	1.70	cps
Cadmium	108-1	56422	55740	56083	56082	0.61	cps
Calcium	43-1	781772	785615	787531	784973	0.37	cps
Calcium	44-1	12738300	12677827	12704855	12706994	0.24	cps
Chromium	52-2	331367	332540	332043	331983	0.18	cps
Cobalt	59-2	706314	712086	705554	707985	0.50	cps
Copper	63-2	1246357	1245936	1245554	1245949	0.03	cps
Dysprosium	156-1	75	100	125	100	25.00	cps
Dysprosium	156-2	20	10	20	17	34.64	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	83	58	83	75	19.24	cps
Gadolinium	160-2	13	37	20	23	51.52	cps
Holmium	165-1	6376948	6490846	6520382	6462725	1.17	cps
Holmium	165-2	1368030	1365170	1373435	1368878	0.31	cps
Indium	115-1	4967985	4997489	4964339	4976604	0.37	cps
Indium	115-2	219880	219763	217540	219061	0.60	cps
Iron	56-2	11262807	11317006	11422430	11334081	0.72	cps
Iron	57-2	286423	286435	285930	286263	0.10	cps
Lead	206-1	2508314	2518705	2496292	2507770	0.45	cps
Lead	207-1	2280908	2311535	2275775	2289406	0.84	cps
Lead	208-1	10254853	10311293	10232742	10266296	0.39	cps
Lithium	6-1	725026	727023	727609	726552	0.19	cps
Magnesium	24-2	1193869	1180927	1191966	1188921	0.59	cps
Manganese	55-2	187608	188780	188357	188248	0.32	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:07:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2880373	2916022	2873219	2889871	0.79	cps
Molybdenum	95-1	1553262	1542685	1552157	1549368	0.38	cps
Molybdenum	96-1	2044996	2053263	2062192	2053483	0.42	cps
Molybdenum	97-1	959585	961208	952357	957717	0.49	cps
Molybdenum	98-1	2549965	2499124	2553839	2534309	1.20	cps
Neodymium	150-1	200	160	200	187	12.37	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	210212	208188	209599	209333	0.50	cps
Phosphorus	31-2	3867	4126	4192	4062	4.23	cps
Potassium	39-2	339584	341301	343919	341601	0.64	cps
Rhodium	103-1	4535279	4530223	4577069	4547524	0.57	cps
Rhodium	103-2	1196441	1198762	1194147	1196450	0.19	cps
Scandium	45-1	2781605	2795304	2806701	2794536	0.45	cps
Scandium	45-2	22972	22755	22902	22877	0.48	cps
Selenium	77-2	333	283	303	307	8.21	cps
Selenium	78-2	1007	1054	1111	1057	4.91	cps
Selenium	82-1	50762	50238	50597	50532	0.53	cps
Silicon	28-1	1793589	1790447	1768050	1784029	0.78	cps
Silver	109-1	3788752	3819367	3771112	3793077	0.64	cps
Silver	107-1	3942635	3994737	3953272	3963548	0.69	cps
Sodium	23-2	2748676	2703696	2724909	2725760	0.83	cps
Strontium	86-1	974634	967356	969673	970554	0.38	cps
Strontium	88-1	8462398	8381256	8448934	8430863	0.52	cps
Sulfur	34-1	556659	554571	554917	555382	0.20	cps
Terbium	159-1	6617170	6663205	6647684	6642686	0.35	cps
Terbium	159-2	1337687	1330465	1342239	1336797	0.44	cps
Thallium	203-1	3073567	3090855	3076387	3080269	0.30	cps
Thallium	205-1	7277559	7253788	7216845	7249397	0.42	cps
Tin	118-1	2601988	2636833	2604076	2614299	0.75	cps
Titanium	47-1	397997	399312	396072	397794	0.41	cps
Uranium	238-1	9861097	9826273	9804088	9830486	0.29	cps
Vanadium	51-2	245638	246599	245347	245862	0.27	cps
Yttrium	89-1	5229200	5162108	5161986	5184431	0.75	cps
Yttrium	89-2	162206	161566	164126	162632	0.82	cps
Zinc	66-2	116457	116346	116525	116443	0.08	cps
Zirconium	90-1	5506800	5434862	5439074	5460245	0.74	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:07:53	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1213552	1210255	1207707	1210505	0.24	cps

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 20:11:10 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95621	96662	96570	96284	0.60	cps
Antimony	121-1	7564913	7566400	7575041	7568785	0.07	cps
Arsenic	75-2	87424	86744	86537	86902	0.53	cps
Barium	135-1	7924101	7863648	7858531	7882094	0.46	cps
Barium	137-1	13767625	13805338	13682722	13751895	0.46	cps
Beryllium	9-1	876895	880174	878839	878636	0.19	cps
Bismuth	209-1	4139346	4156798	4139925	4145356	0.24	cps
Bismuth	209-2	1073681	1067535	1069718	1070311	0.29	cps
Boron	10-1	101199	102749	102892	102280	0.92	cps
Boron	11-1	486753	488712	496108	490524	1.01	cps
Cadmium	111-1	1585000	1579264	1567280	1577182	0.57	cps
Cadmium	106-1	159643	159433	160047	159708	0.20	cps
Cadmium	108-1	110183	110035	108985	109735	0.60	cps
Calcium	43-1	1550073	1555219	1548954	1551415	0.22	cps
Calcium	44-1	24781983	25023471	24765091	24856848	0.58	cps
Chromium	52-2	648199	646626	645846	646890	0.19	cps
Cobalt	59-2	1372752	1361524	1373330	1369202	0.49	cps
Copper	63-2	2414597	2417717	2420124	2417479	0.11	cps
Dysprosium	156-1	158	200	117	158	26.32	cps
Dysprosium	156-2	20	30	7	19	61.96	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	13	3	20	12	68.66	cps
Gadolinium	160-1	100	150	133	128	19.92	cps
Gadolinium	160-2	13	33	23	23	42.86	cps
Holmium	165-1	6378741	6354740	6298122	6343868	0.65	cps
Holmium	165-2	1350300	1331146	1340120	1340522	0.71	cps
Indium	115-1	4886560	4840798	4781614	4836324	1.09	cps
Indium	115-2	210111	209255	208920	209429	0.29	cps
Iron	56-2	22179174	22189975	21985678	22118275	0.52	cps
Iron	57-2	562309	556899	553030	557413	0.84	cps
Lead	206-1	4804001	4886050	4862088	4850713	0.87	cps
Lead	207-1	4427725	4439460	4484680	4450622	0.68	cps
Lead	208-1	19666246	19819615	19805810	19763890	0.43	cps
Lithium	6-1	716160	716553	719926	717546	0.29	cps
Magnesium	24-2	2320646	2327959	2301097	2316567	0.60	cps
Manganese	55-2	369418	365147	366414	366993	0.60	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:11:10	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5612557	5645290	5639072	5632306	0.31	cps
Molybdenum	95-1	3003204	3047218	3033337	3027920	0.74	cps
Molybdenum	96-1	3956368	3992719	3946911	3965333	0.61	cps
Molybdenum	97-1	1905872	1912037	1913400	1910436	0.21	cps
Molybdenum	98-1	4846934	4871235	4950452	4889540	1.11	cps
Neodymium	150-1	440	313	307	353	21.26	cps
Neodymium	150-2	13	13	23	17	34.65	cps
Nickel	60-2	405076	401489	403821	403462	0.45	cps
Phosphorus	31-2	7486	7444	7319	7416	1.17	cps
Potassium	39-2	660347	654770	655040	656719	0.48	cps
Rhodium	103-1	4407005	4399022	4504932	4436986	1.33	cps
Rhodium	103-2	1165087	1161108	1149389	1158528	0.70	cps
Scandium	45-1	2749698	2710575	2735506	2731926	0.72	cps
Scandium	45-2	22452	22825	22875	22717	1.02	cps
Selenium	77-2	563	577	603	581	3.50	cps
Selenium	78-2	1958	1980	1869	1935	3.04	cps
Selenium	82-1	97702	98777	98341	98273	0.55	cps
Silicon	28-1	2953146	2942642	2956963	2950917	0.25	cps
Silver	109-1	7343549	7304443	7215185	7287726	0.90	cps
Silver	107-1	7534227	7550775	7495795	7526933	0.37	cps
Sodium	23-2	5277511	5215025	5231016	5241184	0.62	cps
Strontium	86-1	1942518	1907558	1957128	1935735	1.32	cps
Strontium	88-1	16729542	16521589	16596024	16615718	0.63	cps
Sulfur	34-1	766339	759708	761142	762396	0.46	cps
Terbium	159-1	6463609	6582162	6535895	6527222	0.92	cps
Terbium	159-2	1315039	1299321	1300771	1305044	0.67	cps
Thallium	203-1	5892598	5938834	5924247	5918560	0.40	cps
Thallium	205-1	13994186	13983918	14057768	14011957	0.29	cps
Tin	118-1	5103300	5055186	5008344	5055610	0.94	cps
Titanium	47-1	782137	781820	780823	781594	0.09	cps
Uranium	238-1	19304671	19339471	19122169	19255437	0.61	cps
Vanadium	51-2	481646	480875	477520	480014	0.46	cps
Yttrium	89-1	5112746	5075849	5089688	5092761	0.37	cps
Yttrium	89-2	159836	158008	158018	158621	0.66	cps
Zinc	66-2	226491	224641	225946	225693	0.42	cps
Zirconium	90-1	10760283	10673405	10700483	10711390	0.42	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:11:10	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2421924	2402739	2397901	2407521	0.53	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:14:24	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	504970	505556	500418	503648	0.56	cps
Antimony	121-1	8962	9587	9395	9315	3.44	cps
Arsenic	75-2	50	44	44	46	6.93	cps
Barium	135-1	2742	2675	2575	2664	3.15	cps
Barium	137-1	4501	4909	4568	4659	4.70	cps
Beryllium	9-1	394	389	450	411	8.22	cps
Bismuth	209-1	3864033	4013089	4025725	3967616	2.27	cps
Bismuth	209-2	1043899	1043314	1041891	1043035	0.10	cps
Boron	10-1	4418	4142	3692	4084	8.96	cps
Boron	11-1	22535	21216	18971	20908	8.62	cps
Cadmium	111-1	903	1083	868	951	12.13	cps
Cadmium	106-1	958	1067	833	953	12.25	cps
Cadmium	108-1	38	38	46	40	11.94	cps
Calcium	43-1	7857935	7847045	7896219	7867066	0.33	cps
Calcium	44-1	128938974	130135682	129192128	129422261	0.49	cps
Chromium	52-2	9290	9220	9053	9188	1.32	cps
Cobalt	59-2	1830	1780	1910	1840	3.56	cps
Copper	63-2	3991	3904	3901	3932	1.30	cps
Dysprosium	156-1	50	33	108	64	61.65	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	83	58	33	58	42.85	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	92	100	117	103	12.38	cps
Gadolinium	160-2	23	13	7	14	58.06	cps
Holmium	165-1	6046864	6329988	6413241	6263364	3.07	cps
Holmium	165-2	1366450	1374671	1371947	1371023	0.31	cps
Indium	115-1	4582328	4806627	4815686	4734880	2.79	cps
Indium	115-2	215868	215292	216883	216014	0.37	cps
Iron	56-2	109579083	110286686	109387127	109750965	0.43	cps
Iron	57-2	2839043	2857619	2858368	2851676	0.38	cps
Lead	206-1	7853	8553	7853	8086	5.00	cps
Lead	207-1	6991	7030	6602	6874	3.44	cps
Lead	208-1	32206	32639	31555	32134	1.70	cps
Lithium	6-1	719698	763383	771073	751385	3.69	cps
Magnesium	24-2	11652165	11740808	11611468	11668147	0.57	cps
Manganese	55-2	1110	1197	1047	1118	6.74	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:14:24	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4684	5193	5068	4982	5.32	cps
Molybdenum	95-1	7411	7744	7844	7666	2.96	cps
Molybdenum	96-1	9145	9529	9545	9406	2.41	cps
Molybdenum	97-1	4893	4259	4451	4534	7.17	cps
Molybdenum	98-1	11731	11831	11489	11683	1.51	cps
Neodymium	150-1	53	80	80	71	21.64	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	4461	4244	4341	4349	2.50	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	3330705	3318607	3344962	3331425	0.40	cps
Rhodium	103-1	4087942	4306608	4357551	4250700	3.37	cps
Rhodium	103-2	1140030	1139142	1138658	1139277	0.06	cps
Scandium	45-1	2605051	2797926	2810872	2737949	4.21	cps
Scandium	45-2	23503	22932	23012	23149	1.34	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	53	60	83	65	23.52	cps
Silicon	28-1	525125	528664	529193	527660	0.42	cps
Silver	109-1	967	1017	1067	1017	4.92	cps
Silver	107-1	1025	967	1208	1067	11.82	cps
Sodium	23-2	26825350	26661727	26734662	26740579	0.31	cps
Strontium	86-1	67485	67426	67895	67602	0.38	cps
Strontium	88-1	589834	595316	589543	591564	0.55	cps
Sulfur	34-1	334547	335350	333425	334441	0.29	cps
Terbium	159-1	6228321	6517399	6535421	6427047	2.68	cps
Terbium	159-2	1320631	1332254	1327658	1326848	0.44	cps
Thallium	203-1	3142	3117	2859	3039	5.16	cps
Thallium	205-1	7161	6877	6310	6783	6.38	cps
Tin	118-1	5301	5301	4985	5196	3.52	cps
Titanium	47-1	767	683	775	742	6.83	cps
Uranium	238-1	3084	3034	3276	3131	4.07	cps
Vanadium	51-2	190	187	173	183	4.81	cps
Yttrium	89-1	4868849	5140990	5149916	5053252	3.16	cps
Yttrium	89-2	163211	163954	162813	163326	0.35	cps
Zinc	66-2	867	883	880	877	1.01	cps
Zirconium	90-1	1767	1909	1959	1878	5.29	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:14:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	508	392	408	22.73	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2292	2617	2534	2481	6.81	cps
Antimony	121-1	1461178	1458751	1457064	1458998	0.14	cps
Arsenic	75-2	17734	17537	17700	17657	0.60	cps
Barium	135-1	155480	156835	156248	156188	0.44	cps
Barium	137-1	269691	269708	267090	268829	0.56	cps
Beryllium	9-1	87264	88492	88996	88251	1.01	cps
Bismuth	209-1	4310887	4355664	4309064	4325205	0.61	cps
Bismuth	209-2	1150486	1151028	1140391	1147302	0.52	cps
Boron	10-1	50347	50715	51844	50969	1.53	cps
Boron	11-1	238267	244260	245024	242517	1.53	cps
Cadmium	111-1	160372	159692	161946	160670	0.72	cps
Cadmium	106-1	25667	24657	25534	25286	2.17	cps
Cadmium	108-1	14279	13970	14299	14183	1.30	cps
Calcium	43-1	33925	34919	33492	34112	2.15	cps
Calcium	44-1	526002	526163	530227	527464	0.45	cps
Chromium	52-2	66454	64702	64588	65248	1.60	cps
Cobalt	59-2	142187	140079	141462	141243	0.76	cps
Copper	63-2	123385	122823	124225	123478	0.57	cps
Dysprosium	156-1	42	33	92	56	56.79	cps
Dysprosium	156-2	17	3	7	9	78.08	cps
Erbium	164-1	42	125	58	75	58.79	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	92	100	133	108	20.35	cps
Gadolinium	160-2	7	17	13	12	41.65	cps
Holmium	165-1	6454374	6329719	6434575	6406223	1.05	cps
Holmium	165-2	1406683	1396461	1390100	1397748	0.60	cps
Indium	115-1	5106425	5064478	5058245	5076383	0.52	cps
Indium	115-2	231546	229657	226725	229309	1.06	cps
Iron	56-2	454442	452423	451774	452880	0.31	cps
Iron	57-2	11405	11255	11383	11348	0.71	cps
Lead	206-1	953025	954999	956143	954722	0.17	cps
Lead	207-1	831315	834346	835757	833806	0.27	cps
Lead	208-1	3880557	3896537	3906965	3894686	0.34	cps
Lithium	6-1	767506	765222	771219	767982	0.39	cps
Magnesium	24-2	28371	28120	27636	28042	1.33	cps
Manganese	55-2	18886	18142	18769	18599	2.15	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2786996	2800537	2782350	2789961	0.34	cps
Molybdenum	95-1	1495550	1479504	1465350	1480135	1.02	cps
Molybdenum	96-1	1966526	1943610	1959165	1956434	0.60	cps
Molybdenum	97-1	918752	920951	910882	916862	0.58	cps
Molybdenum	98-1	2417627	2427714	2418433	2421258	0.23	cps
Neodymium	150-1	47	60	67	58	17.62	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	42635	41662	41565	41954	1.41	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	30710	29657	29198	29855	2.60	cps
Rhodium	103-1	4693358	4730921	4721884	4715388	0.42	cps
Rhodium	103-2	1268368	1262818	1257816	1263001	0.42	cps
Scandium	45-1	2866403	2872936	2847243	2862194	0.47	cps
Scandium	45-2	23727	23390	23834	23650	0.98	cps
Selenium	77-2	117	107	133	119	11.33	cps
Selenium	78-2	396	422	446	422	5.93	cps
Selenium	82-1	19675	19924	19599	19733	0.86	cps
Silicon	28-1	1687979	1709245	1681787	1693004	0.85	cps
Silver	109-1	721712	723067	717356	720712	0.41	cps
Silver	107-1	753999	755491	759176	756222	0.35	cps
Sodium	23-2	117297	118919	116171	117462	1.18	cps
Strontium	86-1	933716	930688	932231	932211	0.16	cps
Strontium	88-1	8166290	8191746	8239612	8199216	0.45	cps
Sulfur	34-1	328325	326924	327925	327724	0.22	cps
Terbium	159-1	6560383	6613777	6587482	6587214	0.41	cps
Terbium	159-2	1367549	1360891	1356964	1361802	0.39	cps
Thallium	203-1	1179960	1175918	1192366	1182748	0.72	cps
Thallium	205-1	2891116	2906952	2905465	2901178	0.30	cps
Tin	118-1	2528882	2502758	2503226	2511622	0.60	cps
Titanium	47-1	384352	385653	384267	384757	0.20	cps
Uranium	238-1	9859934	9944894	9955231	9920019	0.53	cps
Vanadium	51-2	48561	47594	47698	47951	1.11	cps
Yttrium	89-1	5213713	5208871	5230252	5217612	0.21	cps
Yttrium	89-2	167691	167607	167446	167581	0.07	cps
Zinc	66-2	23397	23443	23500	23447	0.22	cps
Zirconium	90-1	5270196	5216598	5211033	5232609	0.62	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1152865	1152041	1155845	1153584	0.17	cps

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 20:20:53 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	17	11	43.34	cps
Antimony	121-1	1167	1150	1417	1245	12.00	cps
Arsenic	75-2	13	9	13	12	18.22	cps
Barium	135-1	150	125	117	131	13.29	cps
Barium	137-1	292	308	242	281	12.37	cps
Beryllium	9-1	206	228	244	226	8.64	cps
Bismuth	209-1	4300954	4267003	4298250	4288735	0.44	cps
Bismuth	209-2	1155707	1147641	1146959	1150102	0.42	cps
Boron	10-1	2467	2584	2042	2364	12.06	cps
Boron	11-1	12231	11547	11138	11639	4.74	cps
Cadmium	111-1	742	763	865	790	8.31	cps
Cadmium	106-1	942	992	1075	1003	6.72	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	1208	1333	1408	1317	7.67	cps
Calcium	44-1	14349	14041	14450	14280	1.49	cps
Chromium	52-2	607	623	707	646	8.30	cps
Cobalt	59-2	123	130	123	126	3.06	cps
Copper	63-2	167	177	167	170	3.40	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	33	50	8	31	68.64	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	6327310	6346370	6367693	6347124	0.32	cps
Holmium	165-2	1404428	1395118	1396228	1398591	0.36	cps
Indium	115-1	5140100	5116903	5148576	5135193	0.32	cps
Indium	115-2	234435	231893	232154	232827	0.60	cps
Iron	56-2	2061	1978	1989	2009	2.25	cps
Iron	57-2	56	33	39	43	27.16	cps
Lead	206-1	1178	1161	1228	1189	2.92	cps
Lead	207-1	1083	1222	1139	1148	6.09	cps
Lead	208-1	4856	5045	4973	4958	1.92	cps
Lithium	6-1	747086	748731	744420	746746	0.29	cps
Magnesium	24-2	108	133	225	156	39.49	cps
Manganese	55-2	37	17	23	26	39.85	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:20:53	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	375	483	397	19.49	cps
Molybdenum	95-1	450	308	367	375	18.99	cps
Molybdenum	96-1	433	508	433	458	9.45	cps
Molybdenum	97-1	333	267	183	261	28.78	cps
Molybdenum	98-1	633	567	617	606	5.73	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	90	77	53	73	25.31	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	2675	3059	2909	2881	6.71	cps
Rhodium	103-1	4708739	4723130	4689898	4707256	0.35	cps
Rhodium	103-2	1267797	1259028	1252621	1259815	0.60	cps
Scandium	45-1	2848489	2834150	2821516	2834718	0.48	cps
Scandium	45-2	23610	23493	23446	23517	0.36	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	-18	-62	-51	-44	-52.71	cps
Silicon	28-1	360711	355475	384321	366836	4.19	cps
Silver	109-1	167	142	150	153	8.33	cps
Silver	107-1	208	150	167	175	17.17	cps
Sodium	23-2	9937	9512	9245	9565	3.65	cps
Strontium	86-1	592	475	608	558	13.01	cps
Strontium	88-1	500	383	575	486	19.87	cps
Sulfur	34-1	321483	322213	324599	322765	0.50	cps
Terbium	159-1	6529341	6605262	6589939	6574847	0.61	cps
Terbium	159-2	1366236	1351728	1361356	1359773	0.54	cps
Thallium	203-1	1125	875	1083	1028	13.03	cps
Thallium	205-1	2659	2617	2525	2600	2.62	cps
Tin	118-1	1025	800	875	900	12.73	cps
Titanium	47-1	125	117	100	114	11.18	cps
Uranium	238-1	1925	1725	1500	1717	12.39	cps
Vanadium	51-2	27	17	63	36	69.09	cps
Yttrium	89-1	5256130	5224863	5213885	5231626	0.42	cps
Yttrium	89-2	168940	167907	167219	168022	0.52	cps
Zinc	66-2	60	73	50	61	19.15	cps
Zirconium	90-1	742	550	508	600	20.74	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:20:53	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	142	167	128	37.09	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:24:06	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	466006	456878	454482	459122	1.32	cps
Antimony	121-1	9054	9495	9671	9407	3.38	cps
Arsenic	75-2	28	39	39	35	18.23	cps
Barium	135-1	2450	2475	2350	2425	2.73	cps
Barium	137-1	4393	4459	4426	4426	0.75	cps
Beryllium	9-1	478	400	361	413	14.38	cps
Bismuth	209-1	4102872	4050637	4006065	4053191	1.20	cps
Bismuth	209-2	1107170	1098337	1098206	1101238	0.47	cps
Boron	10-1	1717	1734	1467	1639	9.11	cps
Boron	11-1	7961	7469	7102	7511	5.74	cps
Cadmium	111-1	1261	1173	1138	1190	5.31	cps
Cadmium	106-1	942	975	917	945	3.10	cps
Cadmium	108-1	629	717	779	708	10.64	cps
Calcium	43-1	1532205	1534058	1534892	1533718	0.09	cps
Calcium	44-1	24625449	24756945	24932803	24771732	0.62	cps
Chromium	52-2	14211	13770	13970	13984	1.58	cps
Cobalt	59-2	1800	1840	1713	1785	3.63	cps
Copper	63-2	9884	9493	9760	9712	2.05	cps
Dysprosium	156-1	58	83	67	69	18.33	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	25	83	44	75.78	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	42	50	92	61	43.83	cps
Gadolinium	160-2	10	17	3	10	66.70	cps
Holmium	165-1	6320733	6332061	6370304	6341033	0.41	cps
Holmium	165-2	1413100	1407263	1416529	1412297	0.33	cps
Indium	115-1	4959801	5048238	4974792	4994277	0.95	cps
Indium	115-2	231797	230492	225636	229308	1.42	cps
Iron	56-2	44786982	44465686	44471336	44574668	0.41	cps
Iron	57-2	1131122	1128549	1128490	1129387	0.13	cps
Lead	206-1	26656	24869	24741	25422	4.21	cps
Lead	207-1	21330	19922	19727	20326	4.30	cps
Lead	208-1	99993	94773	93430	96065	3.61	cps
Lithium	6-1	690298	691756	683003	688352	0.68	cps
Magnesium	24-2	2351877	2322838	2341714	2338810	0.63	cps
Manganese	55-2	1543	1573	1500	1539	2.40	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:24:06	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3342967	3367681	3347354	3352667	0.39	cps
Molybdenum	95-1	5798642	5772530	5781620	5784264	0.23	cps
Molybdenum	96-1	6372331	6273499	6376287	6340705	0.92	cps
Molybdenum	97-1	3710022	3634773	3693518	3679438	1.07	cps
Molybdenum	98-1	9477489	9362219	9407129	9415612	0.62	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2534	2524	2620	2559	2.08	cps
Phosphorus	31-2	37225	37350	36464	37013	1.29	cps
Potassium	39-2	1380610	1369801	1357034	1369148	0.86	cps
Rhodium	103-1	4533800	4476821	4543880	4518167	0.80	cps
Rhodium	103-2	1227025	1213577	1212400	1217667	0.67	cps
Scandium	45-1	2833138	2826621	2847988	2835915	0.39	cps
Scandium	45-2	24101	23797	24161	24020	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-10	38	2	10	248.30	cps
Silicon	28-1	470334	470900	471240	470825	0.10	cps
Silver	109-1	1150	1208	1117	1158	4.01	cps
Silver	107-1	1333	1350	1150	1278	8.69	cps
Sodium	23-2	5332117	5287671	5342715	5320834	0.55	cps
Strontium	86-1	65374	67593	65885	66284	1.75	cps
Strontium	88-1	564867	564456	569022	566115	0.45	cps
Sulfur	34-1	2068531	2069571	2058606	2065569	0.29	cps
Terbium	159-1	6492867	6544157	6506571	6514532	0.41	cps
Terbium	159-2	1372976	1362022	1359330	1364776	0.53	cps
Thallium	203-1	1634	1550	1850	1678	9.23	cps
Thallium	205-1	3992	4151	4184	4109	2.49	cps
Tin	118-1	1367	1600	1292	1420	11.33	cps
Titanium	47-1	1562758	1547424	1554812	1554998	0.49	cps
Uranium	238-1	1750	1467	1634	1617	8.81	cps
Vanadium	51-2	123	83	123	110	21.00	cps
Yttrium	89-1	5212268	5234315	5345180	5263921	1.35	cps
Yttrium	89-2	171650	170287	168940	170292	0.80	cps
Zinc	66-2	1293	1450	1397	1380	5.77	cps
Zirconium	90-1	883	767	917	856	9.21	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:24:06	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	150	233	225	31.65	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:27:13	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	455421	448694	448423	450846	0.88	cps
Antimony	121-1	163953	161467	163556	162992	0.82	cps
Arsenic	75-2	1952	1837	1900	1896	3.03	cps
Barium	135-1	35065	35173	35607	35281	0.81	cps
Barium	137-1	61134	61896	61469	61499	0.62	cps
Beryllium	9-1	18017	18078	17539	17878	1.65	cps
Bismuth	209-1	4055633	4051880	4090936	4066149	0.53	cps
Bismuth	209-2	1097861	1088126	1096095	1094027	0.47	cps
Boron	10-1	6593	6085	6443	6374	4.10	cps
Boron	11-1	28454	28939	29899	29097	2.53	cps
Cadmium	111-1	33274	32976	33595	33282	0.93	cps
Cadmium	106-1	4684	4826	5076	4862	4.08	cps
Cadmium	108-1	3396	3075	3192	3221	5.04	cps
Calcium	43-1	1557283	1510557	1518916	1528919	1.63	cps
Calcium	44-1	24307343	24429929	24638536	24458603	0.68	cps
Chromium	52-2	27701	28038	27624	27788	0.79	cps
Cobalt	59-2	31472	31205	31676	31451	0.75	cps
Copper	63-2	35616	35693	35265	35524	0.64	cps
Dysprosium	156-1	42	58	25	42	40.00	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	67	42	25	44	47.19	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	33	67	42	47	36.74	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	6267689	6253896	6332722	6284769	0.67	cps
Holmium	165-2	1398393	1395272	1398203	1397289	0.13	cps
Indium	115-1	4979102	4971253	4954467	4968274	0.25	cps
Indium	115-2	228582	227826	228242	228217	0.17	cps
Iron	56-2	44217961	44262654	43860643	44113752	0.50	cps
Iron	57-2	1115476	1108814	1115668	1113320	0.35	cps
Lead	206-1	124230	123332	121902	123155	0.95	cps
Lead	207-1	101575	101890	101873	101779	0.17	cps
Lead	208-1	474819	472382	473676	473626	0.26	cps
Lithium	6-1	684642	692544	693141	690109	0.69	cps
Magnesium	24-2	2285885	2299910	2277615	2287803	0.49	cps
Manganese	55-2	5351	5428	5625	5468	2.58	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:27:13	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3627971	3620439	3655561	3634657	0.51	cps
Molybdenum	95-1	5852565	5910834	5913492	5892297	0.58	cps
Molybdenum	96-1	6529434	6522440	6450322	6500732	0.67	cps
Molybdenum	97-1	3790875	3725369	3752812	3756352	0.88	cps
Molybdenum	98-1	9596956	9541767	9655696	9598140	0.59	cps
Neodymium	150-1	20	33	40	31	32.73	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	11201	11141	11125	11156	0.36	cps
Phosphorus	31-2	36899	37434	37100	37144	0.73	cps
Potassium	39-2	1355481	1322057	1332099	1336545	1.28	cps
Rhodium	103-1	4547329	4480312	4576058	4534566	1.08	cps
Rhodium	103-2	1219808	1208210	1213140	1213719	0.48	cps
Scandium	45-1	2811927	2785854	2798142	2798641	0.47	cps
Scandium	45-2	23847	23707	23450	23668	0.85	cps
Selenium	77-2	27	3	10	13	90.16	cps
Selenium	78-2	50	52	48	50	3.70	cps
Selenium	82-1	2000	2043	1943	1995	2.51	cps
Silicon	28-1	626886	629279	634488	630217	0.62	cps
Silver	109-1	142817	142398	142447	142554	0.16	cps
Silver	107-1	149184	149411	147810	148802	0.58	cps
Sodium	23-2	5312739	5326427	5245730	5294965	0.82	cps
Strontium	86-1	162861	162608	163214	162894	0.19	cps
Strontium	88-1	1417013	1470618	1432051	1439894	1.92	cps
Sulfur	34-1	2009026	2044987	2012448	2022154	0.98	cps
Terbium	159-1	6529197	6513687	6557134	6533339	0.34	cps
Terbium	159-2	1359545	1349881	1348223	1352550	0.45	cps
Thallium	203-1	120896	120500	120559	120652	0.18	cps
Thallium	205-1	290039	285377	289087	288167	0.85	cps
Tin	118-1	260841	257563	257841	258748	0.70	cps
Titanium	47-1	1581544	1585275	1582083	1582967	0.13	cps
Uranium	238-1	956739	953188	960004	956643	0.36	cps
Vanadium	51-2	10567	9904	10231	10234	3.24	cps
Yttrium	89-1	5264116	5239117	5215250	5239494	0.47	cps
Yttrium	89-2	169077	166463	168336	167959	0.80	cps
Zinc	66-2	3817	3944	4021	3927	2.62	cps
Zirconium	90-1	554008	552995	554722	553909	0.16	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:27:13	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	124237	124584	124220	124347	0.16	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:30:20	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252221	250838	250838	251299	0.32	cps
Antimony	121-1	3813931	3801415	3844672	3820006	0.58	cps
Arsenic	75-2	45313	45079	44954	45115	0.40	cps
Barium	135-1	4048908	3977796	4005006	4010570	0.89	cps
Barium	137-1	6908138	6885422	6929336	6907632	0.32	cps
Beryllium	9-1	438639	437163	435842	437214	0.32	cps
Bismuth	209-1	4062983	4026389	4041416	4043596	0.45	cps
Bismuth	209-2	1082303	1073698	1065945	1073982	0.76	cps
Boron	10-1	49486	51903	52497	51295	3.11	cps
Boron	11-1	240137	244381	248381	244300	1.69	cps
Cadmium	111-1	774896	771257	775798	773984	0.31	cps
Cadmium	106-1	80683	81111	79703	80499	0.90	cps
Cadmium	108-1	53932	54615	54296	54281	0.63	cps
Calcium	43-1	3835243	3842357	3878578	3852059	0.60	cps
Calcium	44-1	62132385	62757714	62588828	62492976	0.52	cps
Chromium	52-2	335399	334263	334013	334558	0.22	cps
Cobalt	59-2	701651	701084	697960	700231	0.28	cps
Copper	63-2	1205272	1208515	1191214	1201667	0.77	cps
Dysprosium	156-1	100	83	92	92	9.09	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	33	83	8	42	91.66	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	42	67	92	67	37.50	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	6397632	6285998	6384937	6356189	0.96	cps
Holmium	165-2	1388825	1388752	1376487	1384688	0.51	cps
Indium	115-1	4918256	4905042	4875035	4899445	0.45	cps
Indium	115-2	221403	220082	219184	220223	0.51	cps
Iron	56-2	54330246	54444411	54265216	54346624	0.17	cps
Iron	57-2	1382138	1379094	1374937	1378723	0.26	cps
Lead	206-1	2360614	2359549	2366927	2362363	0.17	cps
Lead	207-1	2172425	2167408	2137827	2159220	0.87	cps
Lead	208-1	9718883	9603736	9620825	9647815	0.64	cps
Lithium	6-1	725455	726209	726078	725914	0.06	cps
Magnesium	24-2	5832663	5790606	5823538	5815602	0.38	cps
Manganese	55-2	191742	190003	189762	190503	0.57	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:30:20	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2888521	2895715	2900291	2894842	0.20	cps
Molybdenum	95-1	1541982	1544478	1529696	1538719	0.51	cps
Molybdenum	96-1	2031415	2018678	2035948	2028680	0.44	cps
Molybdenum	97-1	946869	946982	945446	946432	0.09	cps
Molybdenum	98-1	2506508	2498639	2501656	2502268	0.16	cps
Neodymium	150-1	133	160	153	149	9.32	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	205438	204938	205135	205170	0.12	cps
Phosphorus	31-2	4067	3959	4001	4009	1.36	cps
Potassium	39-2	1705135	1697900	1696455	1699830	0.27	cps
Rhodium	103-1	4443909	4433850	4501856	4459872	0.82	cps
Rhodium	103-2	1175589	1179090	1171832	1175504	0.31	cps
Scandium	45-1	2829166	2845841	2848913	2841307	0.37	cps
Scandium	45-2	24081	23597	23533	23737	1.26	cps
Selenium	77-2	353	283	287	308	12.83	cps
Selenium	78-2	1013	1061	1035	1036	2.33	cps
Selenium	82-1	49673	49355	49330	49453	0.39	cps
Silicon	28-1	1801917	1790599	1769293	1787270	0.93	cps
Silver	109-1	3607983	3624953	3628267	3620401	0.30	cps
Silver	107-1	3770600	3757273	3777563	3768479	0.27	cps
Sodium	23-2	13351604	13268596	13341272	13320491	0.34	cps
Strontium	86-1	982381	982745	995848	986991	0.78	cps
Strontium	88-1	8664401	8544992	8736209	8648534	1.12	cps
Sulfur	34-1	537795	548873	547398	544689	1.10	cps
Terbium	159-1	6546514	6540279	6472443	6519746	0.63	cps
Terbium	159-2	1346197	1337670	1337979	1340615	0.36	cps
Thallium	203-1	2947340	2888468	2903912	2913240	1.05	cps
Thallium	205-1	6865348	6830083	6836865	6844099	0.27	cps
Tin	118-1	2539931	2569056	2570894	2559961	0.68	cps
Titanium	47-1	394869	398267	394542	395893	0.52	cps
Uranium	238-1	9529464	9496373	9557172	9527670	0.32	cps
Vanadium	51-2	252543	251885	249292	251240	0.68	cps
Yttrium	89-1	5190291	5244950	5215553	5216931	0.52	cps
Yttrium	89-2	165607	165411	165353	165457	0.08	cps
Zinc	66-2	111792	112603	113039	112478	0.56	cps
Zirconium	90-1	5418364	5441720	5453956	5438013	0.33	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:30:20	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1201329	1207800	1198492	1202540	0.40	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:33:23	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	25	25	0.00	cps
Antimony	121-1	2067	1825	2034	1975	6.63	cps
Arsenic	75-2	2	7	6	5	57.32	cps
Barium	135-1	308	125	183	206	45.57	cps
Barium	137-1	367	308	325	333	9.01	cps
Beryllium	9-1	250	256	183	230	17.50	cps
Bismuth	209-1	4233016	4223529	4238447	4231664	0.18	cps
Bismuth	209-2	1115631	1113546	1107230	1112135	0.39	cps
Boron	10-1	1875	2367	1959	2067	12.73	cps
Boron	11-1	10171	9854	9337	9787	4.30	cps
Cadmium	111-1	761	683	718	720	5.45	cps
Cadmium	106-1	942	817	933	897	7.79	cps
Cadmium	108-1	33	8	21	21	60.01	cps
Calcium	43-1	1408	1392	1350	1383	2.17	cps
Calcium	44-1	17103	15543	15159	15935	6.46	cps
Chromium	52-2	653	590	677	640	7.01	cps
Cobalt	59-2	120	97	133	117	15.91	cps
Copper	63-2	180	220	263	221	18.85	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	33	33	33	33	0.00	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	6235285	6260597	6195575	6230485	0.53	cps
Holmium	165-2	1358253	1360146	1348336	1355579	0.47	cps
Indium	115-1	5069733	5015765	5029051	5038183	0.56	cps
Indium	115-2	226324	226613	225469	226135	0.26	cps
Iron	56-2	3334	2945	3217	3165	6.31	cps
Iron	57-2	117	50	78	81	41.10	cps
Lead	206-1	1589	1878	1533	1667	11.10	cps
Lead	207-1	1589	1389	1450	1476	6.94	cps
Lead	208-1	6745	6562	6534	6614	1.74	cps
Lithium	6-1	732576	744750	752229	743185	1.33	cps
Magnesium	24-2	175	242	242	219	17.54	cps
Manganese	55-2	47	27	20	31	44.61	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:33:23	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	742	608	683	678	9.86	cps
Molybdenum	95-1	458	500	492	483	4.56	cps
Molybdenum	96-1	583	692	475	583	18.57	cps
Molybdenum	97-1	375	300	258	311	19.00	cps
Molybdenum	98-1	875	775	700	783	11.21	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	60	83	69	18.33	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	2725	2975	2909	2870	4.51	cps
Rhodium	103-1	4693273	4637241	4620998	4650504	0.82	cps
Rhodium	103-2	1236690	1224247	1230213	1230383	0.51	cps
Scandium	45-1	2804165	2794871	2779043	2792693	0.45	cps
Scandium	45-2	23229	23009	22839	23026	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-69	-98	-28	-65	-54.03	cps
Silicon	28-1	357230	362594	356739	358854	0.90	cps
Silver	109-1	517	317	425	419	23.87	cps
Silver	107-1	600	408	458	489	20.34	cps
Sodium	23-2	11697	11138	11455	11430	2.45	cps
Strontium	86-1	542	483	542	522	6.45	cps
Strontium	88-1	533	375	283	397	31.84	cps
Sulfur	34-1	329197	331317	326049	328854	0.81	cps
Terbium	159-1	6392832	6421550	6452968	6422450	0.47	cps
Terbium	159-2	1322161	1320692	1316009	1319620	0.24	cps
Thallium	203-1	1450	1250	1167	1289	11.30	cps
Thallium	205-1	3526	2850	2442	2939	18.62	cps
Tin	118-1	950	858	992	933	7.31	cps
Titanium	47-1	125	150	125	133	10.82	cps
Uranium	238-1	1450	1275	975	1233	19.48	cps
Vanadium	51-2	23	17	27	22	22.91	cps
Yttrium	89-1	5165625	5202341	5183640	5183869	0.35	cps
Yttrium	89-2	164167	163559	163316	163681	0.27	cps
Zinc	66-2	63	53	53	57	10.19	cps
Zirconium	90-1	883	800	742	808	8.81	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:33:23	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	158	158	169	11.36	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:36:34	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	133	67	100	33.33	cps
Antimony	121-1	14600	14091	14942	14545	2.94	cps
Arsenic	75-2	74	85	74	78	8.25	cps
Barium	135-1	14459	14892	14492	14614	1.65	cps
Barium	137-1	25116	25425	25024	25189	0.83	cps
Beryllium	9-1	933	978	889	933	4.76	cps
Bismuth	209-1	4241862	4157027	4205485	4201458	1.01	cps
Bismuth	209-2	1122124	1114499	1107185	1114603	0.67	cps
Boron	10-1	3301	3509	3459	3423	3.18	cps
Boron	11-1	15367	16443	16110	15973	3.45	cps
Cadmium	111-1	2328	2154	2141	2208	4.72	cps
Cadmium	106-1	1125	1167	1033	1108	6.16	cps
Cadmium	108-1	92	96	88	92	4.55	cps
Calcium	43-1	8019	8069	8536	8208	3.47	cps
Calcium	44-1	127700	125995	127568	127088	0.75	cps
Chromium	52-2	1780	1900	2017	1899	6.23	cps
Cobalt	59-2	1480	1493	1447	1473	1.63	cps
Copper	63-2	2484	2777	2404	2555	7.70	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	42	75	25	47	53.92	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	6263980	6247879	6176997	6229619	0.74	cps
Holmium	165-2	1365929	1343858	1345253	1351680	0.91	cps
Indium	115-1	4981741	5048526	5048700	5026322	0.77	cps
Indium	115-2	228952	225108	224084	226048	1.14	cps
Iron	56-2	23014	22864	22775	22884	0.53	cps
Iron	57-2	567	528	556	550	3.64	cps
Lead	206-1	5757	5963	5651	5790	2.73	cps
Lead	207-1	4984	5129	5329	5147	3.36	cps
Lead	208-1	22825	23782	23037	23215	2.16	cps
Lithium	6-1	735311	727424	736125	732953	0.66	cps
Magnesium	24-2	11722	11271	10488	11160	5.60	cps
Manganese	55-2	197	253	183	211	17.61	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:36:34	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11397	11197	11756	11450	2.47	cps
Molybdenum	95-1	13524	13741	13265	13510	1.76	cps
Molybdenum	96-1	15142	15893	15359	15465	2.50	cps
Molybdenum	97-1	8937	8270	8478	8561	3.99	cps
Molybdenum	98-1	21935	21768	22127	21944	0.82	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	493	490	487	490	0.68	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	8661	9345	9270	9092	4.12	cps
Rhodium	103-1	4610492	4657156	4664161	4643936	0.63	cps
Rhodium	103-2	1236569	1228484	1230251	1231768	0.35	cps
Scandium	45-1	2778810	2751204	2779164	2769726	0.58	cps
Scandium	45-2	22875	23794	23049	23239	2.10	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	20	11	13	15	33.08	cps
Selenium	82-1	439	464	447	450	2.88	cps
Silicon	28-1	405708	408446	403215	405790	0.64	cps
Silver	109-1	6994	7094	6910	6999	1.31	cps
Silver	107-1	7686	7469	7327	7494	2.41	cps
Sodium	23-2	34535	34818	34894	34749	0.54	cps
Strontium	86-1	2525	2459	2200	2395	7.17	cps
Strontium	88-1	15801	15117	16194	15704	3.47	cps
Sulfur	34-1	330704	328681	329468	329618	0.31	cps
Terbium	159-1	6468632	6439517	6398439	6435530	0.55	cps
Terbium	159-2	1324745	1314220	1307647	1315538	0.66	cps
Thallium	203-1	6060	6168	6444	6224	3.18	cps
Thallium	205-1	14910	14567	15327	14934	2.55	cps
Tin	118-1	22578	23179	23939	23232	2.94	cps
Titanium	47-1	3892	3659	3884	3812	3.47	cps
Uranium	238-1	18197	17663	18139	18000	1.63	cps
Vanadium	51-2	2190	2367	2220	2259	4.19	cps
Yttrium	89-1	5147622	5169831	5157205	5158219	0.22	cps
Yttrium	89-2	164816	162092	160348	162419	1.39	cps
Zinc	66-2	343	280	317	313	10.15	cps
Zirconium	90-1	10963	9854	10471	10429	5.33	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:36:34	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2367	2117	2425	2303	7.11	cps

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : PB103754BL Instrumnet Name : P8
 Client Sample ID : PB103754BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 20:57:51 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	17	22	43.28	cps
Antimony	121-1	233	167	292	231	27.13	cps
Arsenic	75-2	4	4	6	4	24.86	cps
Barium	135-1	100	58	117	92	32.78	cps
Barium	137-1	75	92	125	97	26.19	cps
Beryllium	9-1	122	94	89	102	17.54	cps
Bismuth	209-1	4159381	4186742	4188226	4178116	0.39	cps
Bismuth	209-2	1114822	1117438	1112084	1114781	0.24	cps
Boron	10-1	475	458	492	475	3.51	cps
Boron	11-1	2217	2134	2300	2217	3.76	cps
Cadmium	111-1	609	553	685	616	10.74	cps
Cadmium	106-1	825	775	933	845	9.58	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Calcium	43-1	1167	1333	1167	1222	7.87	cps
Calcium	44-1	12815	13274	12990	13026	1.78	cps
Chromium	52-2	583	653	680	639	7.81	cps
Cobalt	59-2	97	113	87	99	13.62	cps
Copper	63-2	83	117	87	96	19.21	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	50	17	58	42	52.91	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	6183855	6205424	6150856	6180045	0.44	cps
Holmium	165-2	1352646	1356144	1351523	1353438	0.18	cps
Indium	115-1	5018599	4943837	4960185	4974207	0.79	cps
Indium	115-2	226441	227261	224830	226177	0.55	cps
Iron	56-2	1200	1345	1183	1243	7.13	cps
Iron	57-2	50	39	11	33	60.09	cps
Lead	206-1	678	650	622	650	4.27	cps
Lead	207-1	589	556	622	589	5.66	cps
Lead	208-1	2656	2561	2500	2572	3.05	cps
Lithium	6-1	714425	724870	726148	721814	0.89	cps
Magnesium	24-2	133	108	100	114	15.23	cps
Manganese	55-2	23	27	20	23	14.29	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	PB103754BL	Instrumnet Name :	P8
Client Sample ID :	PB103754BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:57:51	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	183	217	217	15.38	cps
Molybdenum	95-1	125	100	100	108	13.33	cps
Molybdenum	96-1	150	150	158	153	3.15	cps
Molybdenum	97-1	83	100	67	83	20.00	cps
Molybdenum	98-1	108	133	167	136	21.50	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	33	37	44	36.99	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	2734	2667	2742	2714	1.51	cps
Rhodium	103-1	4559740	4611961	4608044	4593248	0.63	cps
Rhodium	103-2	1229301	1236836	1219207	1228448	0.72	cps
Scandium	45-1	2779407	2755791	2737462	2757553	0.76	cps
Scandium	45-2	22595	23537	22775	22969	2.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-46	-8	11	-14	-201.52	cps
Silicon	28-1	362810	363667	360535	362337	0.45	cps
Silver	109-1	83	92	67	81	15.80	cps
Silver	107-1	67	67	75	69	6.93	cps
Sodium	23-2	6769	7052	7511	7110	5.27	cps
Strontium	86-1	508	458	492	486	5.24	cps
Strontium	88-1	117	208	167	164	28.01	cps
Sulfur	34-1	336805	336059	338115	336993	0.31	cps
Terbium	159-1	6417342	6485508	6397954	6433602	0.71	cps
Terbium	159-2	1316733	1320085	1302907	1313242	0.69	cps
Thallium	203-1	283	208	242	244	15.37	cps
Thallium	205-1	633	692	625	650	5.59	cps
Tin	118-1	458	342	525	442	21.01	cps
Titanium	47-1	125	158	108	131	19.50	cps
Uranium	238-1	675	600	575	617	8.44	cps
Vanadium	51-2	7	17	10	11	45.82	cps
Yttrium	89-1	5056258	5105589	5033341	5065062	0.73	cps
Yttrium	89-2	162145	164156	161973	162758	0.75	cps
Zinc	66-2	30	27	30	29	6.65	cps
Zirconium	90-1	225	325	467	339	35.83	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	PB103754BL	Instrumnet Name :	P8
Client Sample ID :	PB103754BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 20:57:51	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	117	50	81	41.81	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	PB103754BS	Instrumnet Name :	P8
Client Sample ID :	PB103754BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:01:02	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50649	51009	50207	50622	0.79	cps
Antimony	121-1	3831570	3921525	3915153	3889416	1.29	cps
Arsenic	75-2	45592	45519	45289	45466	0.35	cps
Barium	135-1	3994270	4041613	4053329	4029737	0.78	cps
Barium	137-1	6797835	6973763	6954573	6908724	1.40	cps
Beryllium	9-1	453204	453923	453034	453387	0.10	cps
Bismuth	209-1	4208201	4178559	4201104	4195955	0.37	cps
Bismuth	209-2	1123336	1117112	1119864	1120104	0.28	cps
Boron	10-1	50364	51920	52480	51588	2.12	cps
Boron	11-1	234505	243474	244798	240926	2.32	cps
Cadmium	111-1	793249	799228	800761	797746	0.50	cps
Cadmium	106-1	81018	82611	81455	81695	1.01	cps
Cadmium	108-1	55004	54840	55029	54958	0.19	cps
Calcium	43-1	777992	787529	784740	783420	0.63	cps
Calcium	44-1	12821960	12850741	12678479	12783727	0.72	cps
Chromium	52-2	335863	334479	334873	335072	0.21	cps
Cobalt	59-2	724329	719587	712675	718864	0.82	cps
Copper	63-2	1258825	1249375	1252488	1253563	0.38	cps
Dysprosium	156-1	83	50	33	56	45.83	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	10	20	0	10	100.00	cps
Gadolinium	160-1	92	58	75	75	22.22	cps
Gadolinium	160-2	17	10	20	16	32.73	cps
Holmium	165-1	6426686	6319232	6439292	6395070	1.03	cps
Holmium	165-2	1404354	1382897	1392103	1393118	0.77	cps
Indium	115-1	4962047	4958681	5038379	4986369	0.90	cps
Indium	115-2	226107	225665	226795	226189	0.25	cps
Iron	56-2	11472323	11357627	11373539	11401163	0.55	cps
Iron	57-2	290613	289550	289886	290016	0.19	cps
Lead	206-1	2436326	2437730	2408288	2427448	0.68	cps
Lead	207-1	2201722	2213145	2222123	2212330	0.46	cps
Lead	208-1	9938821	9941459	9914574	9931618	0.15	cps
Lithium	6-1	723670	722837	730753	725753	0.60	cps
Magnesium	24-2	1226018	1218736	1216174	1220309	0.42	cps
Manganese	55-2	194153	191125	190368	191882	1.04	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	PB103754BS	Instrumnet Name :	P8
Client Sample ID :	PB103754BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:01:02	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2854882	2866483	2887845	2869736	0.58	cps
Molybdenum	95-1	1520115	1541559	1501918	1521197	1.30	cps
Molybdenum	96-1	2006083	2016105	2052894	2025027	1.22	cps
Molybdenum	97-1	939778	950737	938921	943146	0.70	cps
Molybdenum	98-1	2484587	2495805	2483982	2488125	0.27	cps
Neodymium	150-1	127	173	133	144	17.47	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	212015	211629	210682	211442	0.32	cps
Phosphorus	31-2	3334	4217	4284	3945	13.45	cps
Potassium	39-2	351002	349375	349856	350077	0.24	cps
Rhodium	103-1	4555940	4536344	4568213	4553499	0.35	cps
Rhodium	103-2	1220562	1218804	1211183	1216849	0.41	cps
Scandium	45-1	2821671	2810422	2802651	2811581	0.34	cps
Scandium	45-2	24114	23543	23630	23763	1.29	cps
Selenium	77-2	297	313	297	302	3.18	cps
Selenium	78-2	1120	1024	1032	1059	5.06	cps
Selenium	82-1	50192	50164	50381	50246	0.23	cps
Silicon	28-1	1784573	1789283	1771139	1781665	0.53	cps
Silver	109-1	3695846	3732776	3757054	3728559	0.83	cps
Silver	107-1	3835930	3927404	3884190	3882508	1.18	cps
Sodium	23-2	2775585	2764325	2754536	2764815	0.38	cps
Strontium	86-1	953566	963710	960055	959110	0.54	cps
Strontium	88-1	8383832	8363130	8386562	8377841	0.15	cps
Sulfur	34-1	554539	555411	554063	554671	0.12	cps
Terbium	159-1	6524791	6570969	6525276	6540345	0.41	cps
Terbium	159-2	1354764	1345029	1342575	1347456	0.48	cps
Thallium	203-1	2987556	2971232	2972088	2976958	0.31	cps
Thallium	205-1	7016522	6986051	7014499	7005691	0.24	cps
Tin	118-1	2545456	2580780	2587556	2571264	0.88	cps
Titanium	47-1	399607	396828	396859	397765	0.40	cps
Uranium	238-1	9534755	9430156	9428330	9464413	0.64	cps
Vanadium	51-2	252748	250430	249185	250787	0.72	cps
Yttrium	89-1	5221164	5225551	5195760	5214158	0.31	cps
Yttrium	89-2	167488	167196	166504	167063	0.30	cps
Zinc	66-2	117422	115647	116101	116390	0.79	cps
Zirconium	90-1	5341116	5365961	5432393	5379823	0.88	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	PB103754BS	Instrumnet Name :	P8
Client Sample ID :	PB103754BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:01:02	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1188939	1199746	1193847	1194177	0.45	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:04:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	300	267	267	12.50	cps
Antimony	121-1	4268	4351	4193	4270	1.85	cps
Arsenic	75-2	20	20	22	21	5.09	cps
Barium	135-1	65429	66626	66409	66155	0.96	cps
Barium	137-1	115703	114308	114611	114874	0.64	cps
Beryllium	9-1	150	161	244	185	27.87	cps
Bismuth	209-1	4385294	4360057	4351077	4365476	0.41	cps
Bismuth	209-2	1144579	1157923	1171586	1158029	1.17	cps
Boron	10-1	3401	3359	3276	3345	1.90	cps
Boron	11-1	18170	16343	15934	16816	7.08	cps
Cadmium	111-1	754	798	761	771	3.05	cps
Cadmium	106-1	775	908	833	839	7.97	cps
Cadmium	108-1	38	25	50	38	33.33	cps
Calcium	43-1	634789	638225	637028	636681	0.27	cps
Calcium	44-1	10378884	10410366	10431348	10406866	0.25	cps
Chromium	52-2	667	597	570	611	8.17	cps
Cobalt	59-2	217	240	217	224	6.00	cps
Copper	63-2	462007	471343	473174	468841	1.28	cps
Dysprosium	156-1	67	25	0	31	110.22	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	67	25	50	47	44.41	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	75	25	92	64	54.31	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	6752939	6573571	6622895	6649801	1.39	cps
Holmium	165-2	1417793	1445351	1438065	1433737	1.00	cps
Indium	115-1	5333659	5320946	5370087	5341564	0.48	cps
Indium	115-2	234395	238235	238386	237005	0.95	cps
Iron	56-2	64348	63723	65387	64486	1.30	cps
Iron	57-2	1550	1728	1734	1671	6.24	cps
Lead	206-1	42839	42789	42215	42615	0.81	cps
Lead	207-1	35890	35617	35199	35569	0.98	cps
Lead	208-1	166968	164363	163253	164861	1.16	cps
Lithium	6-1	759239	752491	756431	756054	0.45	cps
Magnesium	24-2	291831	298408	293249	294496	1.18	cps
Manganese	55-2	4341	4317	4357	4339	0.46	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:04:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	958	917	1050	975	7.00	cps
Molybdenum	95-1	1275	1358	1225	1286	5.24	cps
Molybdenum	96-1	1734	1408	1634	1592	10.46	cps
Molybdenum	97-1	1100	1025	667	931	24.89	cps
Molybdenum	98-1	2225	2125	2034	2128	4.51	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4828	4621	4754	4734	2.21	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	39172	40117	40685	39991	1.91	cps
Rhodium	103-1	4779736	4813670	4849424	4814277	0.72	cps
Rhodium	103-2	1256563	1275542	1271870	1267992	0.79	cps
Scandium	45-1	2981575	2975630	2971494	2976233	0.17	cps
Scandium	45-2	24291	24659	24809	24586	1.08	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	6	7	0	4	89.21	cps
Selenium	82-1	10	22	-11	7	231.91	cps
Silicon	28-1	10791638	10624855	10617811	10678101	0.92	cps
Silver	109-1	2609	1975	2909	2498	19.08	cps
Silver	107-1	2350	2784	2959	2698	11.61	cps
Sodium	23-2	2564657	2607319	2640312	2604096	1.46	cps
Strontium	86-1	216195	215839	217623	216553	0.44	cps
Strontium	88-1	1921055	1921176	1922135	1921455	0.03	cps
Sulfur	34-1	403717	405321	404442	404494	0.20	cps
Terbium	159-1	6861480	6872275	6815323	6849693	0.44	cps
Terbium	159-2	1378014	1403130	1405154	1395433	1.08	cps
Thallium	203-1	2925	2525	2075	2509	16.95	cps
Thallium	205-1	6652	5785	5168	5868	12.71	cps
Tin	118-1	8728	8420	8086	8411	3.82	cps
Titanium	47-1	275	225	275	258	11.18	cps
Uranium	238-1	3342	3142	3301	3262	3.24	cps
Vanadium	51-2	110	70	93	91	22.05	cps
Yttrium	89-1	5483004	5491495	5465323	5479941	0.24	cps
Yttrium	89-2	172028	171579	174279	172629	0.84	cps
Zinc	66-2	26819	26883	27153	26952	0.66	cps
Zirconium	90-1	808	667	650	708	12.28	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:04:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	92	142	128	24.69	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-02	Instrumnet Name :	P8
Client Sample ID :	33HY03BC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:07:15	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	217	158	186	15.73	cps
Antimony	121-1	2409	2300	2434	2381	2.98	cps
Arsenic	75-2	13	17	17	15	13.88	cps
Barium	135-1	67556	66392	65663	66537	1.44	cps
Barium	137-1	115005	113156	112561	113574	1.12	cps
Beryllium	9-1	183	150	167	167	10.00	cps
Bismuth	209-1	4383447	4414779	4383387	4393871	0.41	cps
Bismuth	209-2	1165077	1162037	1162118	1163077	0.15	cps
Boron	10-1	2450	2517	2934	2634	9.95	cps
Boron	11-1	11947	12506	12723	12392	3.23	cps
Cadmium	111-1	754	726	724	735	2.26	cps
Cadmium	106-1	967	925	908	933	3.22	cps
Cadmium	108-1	21	25	17	21	19.99	cps
Calcium	43-1	642559	630327	634948	635945	0.97	cps
Calcium	44-1	10430671	10323718	10333297	10362562	0.57	cps
Chromium	52-2	663	620	553	612	9.05	cps
Cobalt	59-2	170	173	193	179	7.06	cps
Copper	63-2	581546	579495	578344	579795	0.28	cps
Dysprosium	156-1	8	50	42	33	66.15	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	67	67	50	61	15.75	cps
Gadolinium	160-2	17	3	13	11	62.48	cps
Holmium	165-1	6684286	6715839	6681071	6693732	0.29	cps
Holmium	165-2	1445545	1434080	1433283	1437636	0.48	cps
Indium	115-1	5320749	5352612	5299421	5324261	0.50	cps
Indium	115-2	238171	235351	237470	236997	0.62	cps
Iron	56-2	125398	123475	124215	124363	0.78	cps
Iron	57-2	3250	3200	3306	3252	1.62	cps
Lead	206-1	37651	37317	36776	37248	1.19	cps
Lead	207-1	30604	30676	31757	31012	2.08	cps
Lead	208-1	144656	143551	144409	144206	0.40	cps
Lithium	6-1	773358	774906	774924	774396	0.12	cps
Magnesium	24-2	298576	288634	295699	294303	1.74	cps
Manganese	55-2	3257	3444	3290	3330	2.99	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-02	Instrumnet Name :	P8
Client Sample ID :	33HY03BC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:07:15	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1092	1058	950	1033	7.17	cps
Molybdenum	95-1	1017	1358	1317	1231	15.15	cps
Molybdenum	96-1	1350	1392	1317	1353	2.78	cps
Molybdenum	97-1	817	792	733	781	5.48	cps
Molybdenum	98-1	2167	2234	1975	2125	6.31	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2977	3007	3180	3055	3.59	cps
Phosphorus	31-2	25	33	8	22	57.29	cps
Potassium	39-2	39640	39138	39866	39548	0.94	cps
Rhodium	103-1	4852213	4820355	4844720	4839096	0.34	cps
Rhodium	103-2	1284705	1269021	1280224	1277983	0.63	cps
Scandium	45-1	2961031	2998441	2929670	2963048	1.16	cps
Scandium	45-2	24769	23991	24411	24390	1.60	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	7	26	20	18	56.42	cps
Silicon	28-1	11194262	11090008	11011948	11098739	0.82	cps
Silver	109-1	2117	2309	2342	2256	5.38	cps
Silver	107-1	2675	2625	2859	2720	4.52	cps
Sodium	23-2	2615215	2530922	2561426	2569188	1.66	cps
Strontium	86-1	213099	213073	212583	212919	0.14	cps
Strontium	88-1	1916136	1879598	1893239	1896324	0.97	cps
Sulfur	34-1	418740	420762	419520	419674	0.24	cps
Terbium	159-1	6839856	6870314	6865787	6858652	0.24	cps
Terbium	159-2	1404936	1390551	1385851	1393780	0.71	cps
Thallium	203-1	658	600	725	661	9.46	cps
Thallium	205-1	1525	1517	1667	1570	5.37	cps
Tin	118-1	10279	10013	9946	10079	1.75	cps
Titanium	47-1	258	283	325	289	11.66	cps
Uranium	238-1	3501	3434	3592	3509	2.27	cps
Vanadium	51-2	153	100	103	119	25.13	cps
Yttrium	89-1	5480669	5419388	5430640	5443566	0.60	cps
Yttrium	89-2	172874	169672	171751	171432	0.95	cps
Zinc	66-2	14194	14204	13787	14062	1.69	cps
Zirconium	90-1	767	800	683	750	8.01	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-02	Instrumnet Name :	P8
Client Sample ID :	33HY03BC-FL2BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:07:15	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	225	167	178	24.05	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-03	Instrumnet Name :	P8
Client Sample ID :	33HY04AC-FL1ICE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:10:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	83	42	58	37.80	cps
Antimony	121-1	1108	1308	1475	1297	14.15	cps
Arsenic	75-2	4	15	7	9	65.47	cps
Barium	135-1	667	550	517	578	13.63	cps
Barium	137-1	1100	950	1100	1050	8.25	cps
Beryllium	9-1	94	106	106	102	6.30	cps
Bismuth	209-1	4348603	4369724	4322642	4346990	0.54	cps
Bismuth	209-2	1152751	1153596	1136971	1147773	0.82	cps
Boron	10-1	725	767	675	722	6.36	cps
Boron	11-1	3626	3584	3309	3506	4.91	cps
Cadmium	111-1	624	763	598	662	13.42	cps
Cadmium	106-1	808	958	708	825	15.25	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	4993	5126	5326	5148	3.26	cps
Calcium	44-1	78814	77707	77355	77959	0.98	cps
Chromium	52-2	620	633	777	677	12.84	cps
Cobalt	59-2	73	57	40	57	29.41	cps
Copper	63-2	8419	8486	8243	8383	1.50	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	50	58	50	53	9.12	cps
Erbium	164-2	0	13	10	8	89.21	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	6511037	6500415	6526645	6512699	0.20	cps
Holmium	165-2	1413694	1409680	1405799	1409724	0.28	cps
Indium	115-1	5193940	5218820	5228138	5213633	0.34	cps
Indium	115-2	235901	233959	235294	235051	0.42	cps
Iron	56-2	9909	9681	9592	9728	1.68	cps
Iron	57-2	261	194	178	211	20.89	cps
Lead	206-1	1639	1600	1595	1611	1.50	cps
Lead	207-1	1411	1428	1439	1426	0.98	cps
Lead	208-1	6323	6212	6318	6284	1.00	cps
Lithium	6-1	779074	776959	780007	778680	0.20	cps
Magnesium	24-2	1417	1517	1508	1481	3.75	cps
Manganese	55-2	113	100	73	96	21.32	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-03	Instrumnet Name :	P8
Client Sample ID :	33HY04AC-FL1ICE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:10:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	275	358	317	13.16	cps
Molybdenum	95-1	133	133	125	131	3.68	cps
Molybdenum	96-1	158	242	225	208	21.17	cps
Molybdenum	97-1	125	142	67	111	35.45	cps
Molybdenum	98-1	125	242	283	217	37.88	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	463	360	397	407	12.88	cps
Phosphorus	31-2	42	8	8	19	99.00	cps
Potassium	39-2	3334	3401	3517	3417	2.72	cps
Rhodium	103-1	4831446	4836577	4793084	4820369	0.49	cps
Rhodium	103-2	1284730	1275758	1280578	1280355	0.35	cps
Scandium	45-1	2869977	2846845	2799042	2838621	1.27	cps
Scandium	45-2	23967	23396	23717	23694	1.21	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	15	-8	-31	-8	-283.19	cps
Silicon	28-1	444601	451275	442895	446257	0.99	cps
Silver	109-1	2084	2267	2184	2178	4.22	cps
Silver	107-1	2225	2309	2600	2378	8.28	cps
Sodium	23-2	27110	27085	27945	27380	1.79	cps
Strontium	86-1	1592	1809	1367	1589	13.90	cps
Strontium	88-1	9395	9779	9671	9615	2.06	cps
Sulfur	34-1	331293	329848	328085	329742	0.49	cps
Terbium	159-1	6707401	6743357	6721314	6724024	0.27	cps
Terbium	159-2	1378700	1369721	1361485	1369969	0.63	cps
Thallium	203-1	292	250	333	292	14.29	cps
Thallium	205-1	775	842	892	836	7.00	cps
Tin	118-1	64297	64657	65226	64727	0.72	cps
Titanium	47-1	325	308	292	308	5.41	cps
Uranium	238-1	483	517	408	469	11.82	cps
Vanadium	51-2	10	30	7	16	81.11	cps
Yttrium	89-1	5305179	5292745	5311942	5303288	0.18	cps
Yttrium	89-2	169075	167716	166031	167608	0.91	cps
Zinc	66-2	3974	3977	4087	4013	1.61	cps
Zirconium	90-1	842	650	842	778	14.23	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-03	Instrumnet Name :	P8
Client Sample ID :	33HY04AC-FL1ICE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:10:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	167	175	178	7.16	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-04	Instrumnet Name :	P8
Client Sample ID :	20HY01CC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:13:37	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	17	25	57.73	cps
Antimony	121-1	1675	1642	1659	1659	1.00	cps
Arsenic	75-2	22	20	22	22	4.94	cps
Barium	135-1	68252	67581	66685	67506	1.16	cps
Barium	137-1	115585	115913	114954	115484	0.42	cps
Beryllium	9-1	100	83	122	102	19.16	cps
Bismuth	209-1	4554638	4531127	4480919	4522228	0.83	cps
Bismuth	209-2	1174737	1161026	1100329	1145364	3.46	cps
Boron	10-1	2100	2309	2109	2172	5.43	cps
Boron	11-1	10104	10096	9937	10046	0.94	cps
Cadmium	111-1	837	835	791	821	3.14	cps
Cadmium	106-1	1000	933	975	970	3.47	cps
Cadmium	108-1	13	21	29	21	40.01	cps
Calcium	43-1	629154	636268	629276	631566	0.64	cps
Calcium	44-1	10316840	10298280	10337197	10317439	0.19	cps
Chromium	52-2	603	563	567	578	3.84	cps
Cobalt	59-2	97	90	127	104	18.70	cps
Copper	63-2	458122	448641	455133	453966	1.07	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	42	33	50	42	19.99	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	25	83	58	56	52.68	cps
Gadolinium	160-2	3	3	17	8	99.04	cps
Holmium	165-1	6848998	6817579	6718450	6795009	1.00	cps
Holmium	165-2	1447595	1433281	1336425	1405767	4.30	cps
Indium	115-1	5407796	5379200	5421167	5402721	0.40	cps
Indium	115-2	236250	235282	219083	230205	4.19	cps
Iron	56-2	197130	193084	193845	194686	1.10	cps
Iron	57-2	4712	5090	4768	4857	4.20	cps
Lead	206-1	49252	49676	49832	49586	0.61	cps
Lead	207-1	41607	41769	40839	41405	1.20	cps
Lead	208-1	192261	192332	193075	192556	0.23	cps
Lithium	6-1	797062	809474	804879	803805	0.78	cps
Magnesium	24-2	293298	286405	292325	290676	1.28	cps
Manganese	55-2	2170	2137	2047	2118	3.01	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-04	Instrumnet Name :	P8
Client Sample ID :	20HY01CC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:13:37	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	817	967	933	906	8.70	cps
Molybdenum	95-1	1050	1258	1200	1170	9.19	cps
Molybdenum	96-1	1267	1258	1267	1264	0.38	cps
Molybdenum	97-1	792	742	842	792	6.32	cps
Molybdenum	98-1	1734	1950	1809	1831	6.01	cps
Neodymium	150-1	20	53	33	36	47.20	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	897	977	987	953	5.17	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	38320	38228	38888	38479	0.93	cps
Rhodium	103-1	4917516	4840026	4821451	4859664	1.05	cps
Rhodium	103-2	1291549	1271136	1194391	1252359	4.09	cps
Scandium	45-1	2978685	2937709	2974228	2963541	0.76	cps
Scandium	45-2	24141	23780	22388	23436	3.95	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	10	-35	-97	-41	-132.31	cps
Silicon	28-1	10931460	10850827	10824646	10868977	0.51	cps
Silver	109-1	1817	2375	2092	2095	13.33	cps
Silver	107-1	1892	2059	2059	2003	4.80	cps
Sodium	23-2	2557712	2526466	2532660	2538946	0.65	cps
Strontium	86-1	214647	213180	211821	213216	0.66	cps
Strontium	88-1	1933968	1902645	1877698	1904771	1.48	cps
Sulfur	34-1	424133	419718	418502	420784	0.70	cps
Terbium	159-1	6901390	6938469	6959598	6933152	0.42	cps
Terbium	159-2	1400493	1395298	1314261	1370017	3.53	cps
Thallium	203-1	233	258	183	225	16.97	cps
Thallium	205-1	567	542	683	597	12.66	cps
Tin	118-1	1458	1317	1342	1372	5.51	cps
Titanium	47-1	317	275	300	297	7.06	cps
Uranium	238-1	3826	3776	3867	3823	1.20	cps
Vanadium	51-2	100	200	150	150	33.34	cps
Yttrium	89-1	5479183	5464990	5439657	5461277	0.37	cps
Yttrium	89-2	172446	169783	158737	166989	4.35	cps
Zinc	66-2	12646	12422	12206	12425	1.77	cps
Zirconium	90-1	575	567	517	553	5.71	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-04	Instrumnet Name :	P8
Client Sample ID :	20HY01CC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:13:37	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	75	125	97	26.19	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-05	Instrumnet Name :	P8
Client Sample ID :	32HY01AC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:16:47	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	25	25	33.32	cps
Antimony	121-1	2175	2375	2850	2467	14.06	cps
Arsenic	75-2	15	4	13	10	56.76	cps
Barium	135-1	66694	66183	66266	66381	0.41	cps
Barium	137-1	114552	113837	114039	114143	0.32	cps
Beryllium	9-1	172	61	61	98	65.36	cps
Bismuth	209-1	4540300	4496368	4479217	4505295	0.70	cps
Bismuth	209-2	1151999	1147164	1152029	1150397	0.24	cps
Boron	10-1	2192	2067	2209	2156	3.59	cps
Boron	11-1	9946	11113	10129	10396	6.04	cps
Cadmium	111-1	973	805	810	863	11.03	cps
Cadmium	106-1	1100	933	850	961	13.25	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	633097	633340	629151	631863	0.37	cps
Calcium	44-1	10343198	10351709	10264896	10319934	0.46	cps
Chromium	52-2	430	493	560	494	13.15	cps
Cobalt	59-2	250	240	293	261	10.86	cps
Copper	63-2	468651	466293	462773	465905	0.63	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	67	67	58	24.74	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	33	58	83	58	42.85	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	6726092	6762967	6701542	6730200	0.46	cps
Holmium	165-2	1423049	1403653	1409605	1412103	0.70	cps
Indium	115-1	5380181	5309905	5331114	5340400	0.67	cps
Indium	115-2	231189	228421	231336	230316	0.71	cps
Iron	56-2	25524	25106	24867	25166	1.32	cps
Iron	57-2	594	650	644	630	4.86	cps
Lead	206-1	66926	66301	65474	66233	1.10	cps
Lead	207-1	55058	55895	55455	55469	0.75	cps
Lead	208-1	258680	256174	257095	257316	0.49	cps
Lithium	6-1	813676	814811	816779	815089	0.19	cps
Magnesium	24-2	290513	286823	289087	288808	0.64	cps
Manganese	55-2	23854	23133	23126	23371	1.79	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-05	Instrumnet Name :	P8
Client Sample ID :	32HY01AC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:16:47	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	825	842	925	864	6.20	cps
Molybdenum	95-1	1367	1067	1100	1178	13.96	cps
Molybdenum	96-1	1225	1258	1375	1286	6.12	cps
Molybdenum	97-1	883	758	875	839	8.33	cps
Molybdenum	98-1	1792	2084	1967	1947	7.54	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	12930	12960	13083	12991	0.63	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	38462	38003	37935	38133	0.75	cps
Rhodium	103-1	4848690	4832266	4826880	4835945	0.23	cps
Rhodium	103-2	1266853	1257184	1256741	1260259	0.45	cps
Scandium	45-1	2933737	2935096	2891161	2919998	0.86	cps
Scandium	45-2	23560	23416	24047	23675	1.40	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-14	30	-38	-7	-466.69	cps
Silicon	28-1	10638058	10597391	10417795	10551081	1.11	cps
Silver	109-1	1600	1625	1875	1700	8.95	cps
Silver	107-1	1667	1767	1800	1745	3.98	cps
Sodium	23-2	2587206	2578858	2577840	2581302	0.20	cps
Strontium	86-1	221175	219774	217567	219505	0.83	cps
Strontium	88-1	1955455	1942153	1947407	1948339	0.34	cps
Sulfur	34-1	424757	427143	424079	425326	0.38	cps
Terbium	159-1	6904684	6940507	6840913	6895368	0.73	cps
Terbium	159-2	1375884	1370524	1365044	1370484	0.40	cps
Thallium	203-1	142	225	158	175	25.20	cps
Thallium	205-1	317	475	492	428	22.58	cps
Tin	118-1	52445	52319	51927	52231	0.52	cps
Titanium	47-1	250	375	375	333	21.65	cps
Uranium	238-1	4651	4259	4493	4468	4.41	cps
Vanadium	51-2	67	83	87	79	13.58	cps
Yttrium	89-1	5419651	5415163	5376527	5403781	0.44	cps
Yttrium	89-2	166999	166497	165907	166468	0.33	cps
Zinc	66-2	33564	33009	33845	33473	1.27	cps
Zirconium	90-1	517	350	508	458	20.49	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-05	Instrumnet Name :	P8
Client Sample ID :	32HY01AC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:16:47	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	150	108	125	17.64	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-06	Instrumnet Name :	P8
Client Sample ID :	32HY01BC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:19:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	8	25	31	83.33	cps
Antimony	121-1	2559	2509	2442	2503	2.34	cps
Arsenic	75-2	19	13	17	16	17.64	cps
Barium	135-1	65563	66408	65329	65767	0.86	cps
Barium	137-1	112257	113719	113871	113282	0.79	cps
Beryllium	9-1	56	89	106	83	30.55	cps
Bismuth	209-1	4512951	4496838	4435925	4481905	0.91	cps
Bismuth	209-2	1145748	1136250	1139163	1140387	0.43	cps
Boron	10-1	2042	2159	2217	2139	4.17	cps
Boron	11-1	10004	9695	10096	9932	2.11	cps
Cadmium	111-1	671	775	648	698	9.75	cps
Cadmium	106-1	825	1000	775	867	13.63	cps
Cadmium	108-1	21	29	17	22	28.64	cps
Calcium	43-1	635126	629524	631461	632037	0.45	cps
Calcium	44-1	10325803	10318985	10298584	10314457	0.14	cps
Chromium	52-2	543	587	593	574	4.73	cps
Cobalt	59-2	220	160	183	188	16.11	cps
Copper	63-2	294835	290999	288739	291524	1.06	cps
Dysprosium	156-1	58	25	17	33	66.14	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	58	67	42	56	22.91	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	6760334	6705441	6722898	6729558	0.42	cps
Holmium	165-2	1411769	1392922	1391010	1398567	0.82	cps
Indium	115-1	5306145	5304739	5273477	5294787	0.35	cps
Indium	115-2	230204	228805	227769	228926	0.53	cps
Iron	56-2	29832	29220	29137	29396	1.29	cps
Iron	57-2	756	767	672	732	7.06	cps
Lead	206-1	40058	39490	39702	39750	0.72	cps
Lead	207-1	33601	34420	33885	33968	1.22	cps
Lead	208-1	157249	156756	155986	156664	0.41	cps
Lithium	6-1	811413	818490	831438	820447	1.24	cps
Magnesium	24-2	286984	284283	284474	285247	0.53	cps
Manganese	55-2	17795	17024	17658	17492	2.35	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-06	Instrumnet Name :	P8
Client Sample ID :	32HY01BC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:19:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	917	758	1008	895	14.14	cps
Molybdenum	95-1	1058	1258	1225	1181	9.08	cps
Molybdenum	96-1	1358	1150	1175	1228	9.27	cps
Molybdenum	97-1	925	625	850	800	19.52	cps
Molybdenum	98-1	1809	1950	1817	1859	4.28	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	5578	5671	5648	5632	0.86	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	39030	38136	37543	38236	1.96	cps
Rhodium	103-1	4761854	4816810	4733604	4770756	0.89	cps
Rhodium	103-2	1247433	1238936	1241817	1242729	0.35	cps
Scandium	45-1	2865087	2893056	2908988	2889044	0.77	cps
Scandium	45-2	23824	22665	23102	23197	2.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	0	3	124.95	cps
Selenium	82-1	40	26	-3	21	102.97	cps
Silicon	28-1	10609033	10522552	10535663	10555749	0.44	cps
Silver	109-1	1383	1500	1567	1483	6.26	cps
Silver	107-1	1600	1575	1967	1714	12.79	cps
Sodium	23-2	2590823	2560104	2528181	2559703	1.22	cps
Strontium	86-1	218523	218884	218726	218711	0.08	cps
Strontium	88-1	1949515	1950736	1938861	1946371	0.34	cps
Sulfur	34-1	423877	420761	421117	421918	0.40	cps
Terbium	159-1	6904453	6953286	6977344	6945028	0.53	cps
Terbium	159-2	1361404	1359542	1352687	1357877	0.34	cps
Thallium	203-1	175	150	125	150	16.67	cps
Thallium	205-1	400	425	367	397	7.37	cps
Tin	118-1	25442	24648	24214	24768	2.51	cps
Titanium	47-1	258	325	292	292	11.43	cps
Uranium	238-1	4418	4226	4068	4237	4.14	cps
Vanadium	51-2	130	103	140	124	15.23	cps
Yttrium	89-1	5351427	5385200	5398473	5378367	0.45	cps
Yttrium	89-2	165481	164101	166065	165216	0.61	cps
Zinc	66-2	17718	17131	17608	17486	1.79	cps
Zirconium	90-1	525	575	342	481	25.56	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-06	Instrumnet Name :	P8
Client Sample ID :	32HY01BC-BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:19:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	108	125	114	8.45	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-07	Instrumnet Name :	P8
Client Sample ID :	04HY01CC-FL2-HA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:23:07	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	25	19	24.73	cps
Antimony	121-1	1500	1659	1759	1639	7.95	cps
Arsenic	75-2	7	22	9	13	62.25	cps
Barium	135-1	70145	68821	71066	70011	1.61	cps
Barium	137-1	121285	121748	121177	121403	0.25	cps
Beryllium	9-1	100	44	56	67	44.09	cps
Bismuth	209-1	4462718	4489428	4548024	4500057	0.97	cps
Bismuth	209-2	1152579	1141801	1144957	1146446	0.48	cps
Boron	10-1	1850	2067	2217	2045	9.02	cps
Boron	11-1	9503	10463	9854	9940	4.88	cps
Cadmium	111-1	801	797	859	819	4.21	cps
Cadmium	106-1	942	883	1083	970	10.61	cps
Cadmium	108-1	71	54	71	65	14.74	cps
Calcium	43-1	629000	636468	638331	634600	0.78	cps
Calcium	44-1	10365674	10355296	10469683	10396884	0.61	cps
Chromium	52-2	547	627	530	568	9.10	cps
Cobalt	59-2	117	140	97	118	18.41	cps
Copper	63-2	958431	961329	957047	958935	0.23	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	67	25	67	53	45.58	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	33	33	33	33	0.02	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	6692858	6702763	6794823	6730148	0.84	cps
Holmium	165-2	1421611	1407148	1398959	1409240	0.81	cps
Indium	115-1	5320884	5298909	5373858	5331217	0.72	cps
Indium	115-2	230525	228428	226776	228576	0.82	cps
Iron	56-2	14119	14647	14619	14462	2.06	cps
Iron	57-2	328	411	350	363	11.89	cps
Lead	206-1	70400	72200	71875	71492	1.34	cps
Lead	207-1	59378	61013	61058	60483	1.58	cps
Lead	208-1	277849	281699	283898	281149	1.09	cps
Lithium	6-1	810735	832794	832415	825315	1.53	cps
Magnesium	24-2	283677	283911	281146	282911	0.54	cps
Manganese	55-2	1787	1937	1820	1848	4.26	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-07	Instrumnet Name :	P8
Client Sample ID :	04HY01CC-FL2-HA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:23:07	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	892	875	850	872	2.40	cps
Molybdenum	95-1	1292	1217	1400	1303	7.07	cps
Molybdenum	96-1	1492	1375	1417	1428	4.14	cps
Molybdenum	97-1	858	708	650	739	14.55	cps
Molybdenum	98-1	1967	1792	2017	1925	6.14	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3187	2897	2904	2996	5.53	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	38270	37910	37158	37780	1.50	cps
Rhodium	103-1	4758235	4791434	4825613	4791761	0.70	cps
Rhodium	103-2	1265826	1248291	1245294	1253137	0.89	cps
Scandium	45-1	2896016	2904938	2900325	2900426	0.15	cps
Scandium	45-2	23149	23627	23273	23350	1.06	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	10	19	-19	3	614.39	cps
Silicon	28-1	10505513	10655680	10728534	10629909	1.07	cps
Silver	109-1	1167	1467	1283	1306	11.58	cps
Silver	107-1	1392	1200	1383	1325	8.18	cps
Sodium	23-2	2573057	2524757	2523309	2540375	1.11	cps
Strontium	86-1	216686	218381	220709	218592	0.92	cps
Strontium	88-1	1938965	1958890	1993453	1963769	1.40	cps
Sulfur	34-1	426147	425279	429793	427073	0.56	cps
Terbium	159-1	6835592	6896356	6980869	6904273	1.06	cps
Terbium	159-2	1376519	1367527	1365505	1369850	0.43	cps
Thallium	203-1	100	150	192	147	31.18	cps
Thallium	205-1	325	308	358	331	7.70	cps
Tin	118-1	13824	14575	13757	14052	3.23	cps
Titanium	47-1	317	267	292	292	8.57	cps
Uranium	238-1	3726	4093	3918	3912	4.69	cps
Vanadium	51-2	80	60	53	64	21.54	cps
Yttrium	89-1	5348950	5362496	5490899	5400782	1.45	cps
Yttrium	89-2	166932	163701	164031	164888	1.08	cps
Zinc	66-2	137355	138274	137197	137609	0.42	cps
Zirconium	90-1	492	400	517	469	13.09	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-07	Instrumnet Name :	P8
Client Sample ID :	04HY01CC-FL2-HA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:23:07	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	92	125	100	22.05	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:26:17	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235652	234625	237312	235863	0.57	cps
Antimony	121-1	3838702	3810739	3806072	3818504	0.46	cps
Arsenic	75-2	42926	42162	42240	42443	0.99	cps
Barium	135-1	4037018	4061724	4054875	4051206	0.31	cps
Barium	137-1	7071655	6981175	6917853	6990228	1.11	cps
Beryllium	9-1	451546	454223	456260	454010	0.52	cps
Bismuth	209-1	4176712	4244783	4189651	4203715	0.86	cps
Bismuth	209-2	1053506	1058442	1058180	1056710	0.26	cps
Boron	10-1	51401	52990	52355	52249	1.53	cps
Boron	11-1	242854	246278	251219	246784	1.70	cps
Cadmium	111-1	774892	775611	774922	775142	0.05	cps
Cadmium	106-1	80625	79972	80355	80317	0.41	cps
Cadmium	108-1	54062	52916	53857	53612	1.14	cps
Calcium	43-1	3787422	3774855	3780239	3780839	0.17	cps
Calcium	44-1	61119243	61942162	61056853	61372753	0.81	cps
Chromium	52-2	321969	320653	320868	321163	0.22	cps
Cobalt	59-2	673194	673637	671996	672942	0.13	cps
Copper	63-2	1165200	1160784	1163845	1163277	0.19	cps
Dysprosium	156-1	75	83	83	81	5.98	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	8	42	42	31	62.99	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	50	75	75	67	21.65	cps
Gadolinium	160-2	20	17	0	12	87.67	cps
Holmium	165-1	6520550	6568271	6523822	6537547	0.41	cps
Holmium	165-2	1341955	1356928	1347520	1348801	0.56	cps
Indium	115-1	4944912	4882403	4915876	4914397	0.64	cps
Indium	115-2	208744	209433	209882	209353	0.27	cps
Iron	56-2	52123530	52274385	52373011	52256975	0.24	cps
Iron	57-2	1323985	1319010	1325239	1322744	0.25	cps
Lead	206-1	2461051	2504264	2448737	2471351	1.18	cps
Lead	207-1	2272418	2283181	2243745	2266448	0.90	cps
Lead	208-1	10150128	10165758	10037817	10117901	0.69	cps
Lithium	6-1	765379	766425	772857	768220	0.53	cps
Magnesium	24-2	5600325	5547108	5589767	5579067	0.51	cps
Manganese	55-2	181232	178950	179459	179880	0.67	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:26:17	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2856474	2884173	2881268	2873972	0.53	cps
Molybdenum	95-1	1528878	1547305	1541060	1539081	0.61	cps
Molybdenum	96-1	2045497	2021746	2023613	2030285	0.65	cps
Molybdenum	97-1	947916	946683	952759	949119	0.34	cps
Molybdenum	98-1	2512016	2487896	2500213	2500042	0.48	cps
Neodymium	150-1	253	127	107	162	49.03	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	198347	197574	198240	198054	0.21	cps
Phosphorus	31-2	3792	3834	3726	3784	1.44	cps
Potassium	39-2	1584507	1582856	1606425	1591263	0.83	cps
Rhodium	103-1	4430997	4494618	4463750	4463122	0.71	cps
Rhodium	103-2	1149948	1151435	1148276	1149886	0.14	cps
Scandium	45-1	2759304	2782323	2763414	2768347	0.44	cps
Scandium	45-2	22498	22295	22615	22469	0.72	cps
Selenium	77-2	297	270	313	293	7.45	cps
Selenium	78-2	982	980	920	961	3.62	cps
Selenium	82-1	48922	49156	48849	48976	0.33	cps
Silicon	28-1	1721224	1710680	1734573	1722159	0.70	cps
Silver	109-1	3675227	3626794	3631012	3644344	0.74	cps
Silver	107-1	3773357	3736054	3742640	3750684	0.53	cps
Sodium	23-2	12690247	12675014	12722288	12695849	0.19	cps
Strontium	86-1	983048	971067	969467	974527	0.76	cps
Strontium	88-1	8531508	8584557	8476834	8530966	0.63	cps
Sulfur	34-1	568203	570562	566828	568531	0.33	cps
Terbium	159-1	6721865	6691968	6741098	6718310	0.37	cps
Terbium	159-2	1302948	1306097	1303323	1304123	0.13	cps
Thallium	203-1	3069117	3082169	3076363	3075883	0.21	cps
Thallium	205-1	7112156	7236940	7176333	7175143	0.87	cps
Tin	118-1	2526619	2572319	2562596	2553845	0.94	cps
Titanium	47-1	388155	389595	387416	388389	0.29	cps
Uranium	238-1	9990090	10061469	9986566	10012708	0.42	cps
Vanadium	51-2	239187	235909	238444	237847	0.72	cps
Yttrium	89-1	5203746	5154496	5186056	5181432	0.48	cps
Yttrium	89-2	158592	157668	159322	158527	0.52	cps
Zinc	66-2	108836	107822	108255	108304	0.47	cps
Zirconium	90-1	5389316	5451722	5409831	5416957	0.59	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:26:17	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1193392	1198036	1194069	1195166	0.21	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:29:20	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	33	19	89.22	cps
Antimony	121-1	1559	1800	1859	1739	9.15	cps
Arsenic	75-2	2	13	2	6	115.50	cps
Barium	135-1	200	208	208	206	2.34	cps
Barium	137-1	283	242	292	272	9.84	cps
Beryllium	9-1	233	167	200	200	16.67	cps
Bismuth	209-1	4449744	4422129	4415672	4429182	0.41	cps
Bismuth	209-2	1121269	1115712	1113152	1116711	0.37	cps
Boron	10-1	1867	1608	1425	1633	13.59	cps
Boron	11-1	8344	7702	7361	7802	6.40	cps
Cadmium	111-1	762	802	709	758	6.13	cps
Cadmium	106-1	925	1017	967	970	4.73	cps
Cadmium	108-1	21	8	25	18	48.05	cps
Calcium	43-1	1242	1267	1308	1272	2.65	cps
Calcium	44-1	16068	15226	15517	15604	2.74	cps
Chromium	52-2	667	570	580	606	8.78	cps
Cobalt	59-2	30	37	27	31	16.37	cps
Copper	63-2	307	300	260	289	8.74	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	8	58	28	96.44	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	8	17	42	22	78.07	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	6556741	6513625	6472313	6514226	0.65	cps
Holmium	165-2	1349776	1349827	1342319	1347307	0.32	cps
Indium	115-1	5117311	5175806	5072525	5121880	1.01	cps
Indium	115-2	219723	221273	220069	220355	0.37	cps
Iron	56-2	2411	2317	2400	2376	2.17	cps
Iron	57-2	44	50	61	52	16.36	cps
Lead	206-1	1072	1111	1045	1076	3.11	cps
Lead	207-1	950	1045	772	922	14.99	cps
Lead	208-1	4439	4389	3967	4265	6.08	cps
Lithium	6-1	786596	790281	786687	787855	0.27	cps
Magnesium	24-2	142	217	242	200	26.02	cps
Manganese	55-2	10	37	23	23	57.15	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:29:20	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	583	300	439	32.30	cps
Molybdenum	95-1	183	208	183	192	7.53	cps
Molybdenum	96-1	325	300	283	303	6.93	cps
Molybdenum	97-1	117	258	158	178	40.96	cps
Molybdenum	98-1	292	350	267	303	14.12	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	67	40	56	24.98	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2784	2525	2450	2586	6.76	cps
Rhodium	103-1	4714072	4689739	4730123	4711311	0.43	cps
Rhodium	103-2	1219830	1233275	1223547	1225551	0.57	cps
Scandium	45-1	2755990	2756448	2777131	2763190	0.44	cps
Scandium	45-2	22431	22388	22104	22308	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	7	4	65.54	cps
Selenium	82-1	-10	-74	-21	-35	-97.20	cps
Silicon	28-1	343756	339368	341184	341436	0.65	cps
Silver	109-1	875	842	508	742	27.34	cps
Silver	107-1	883	800	1219	968	22.93	cps
Sodium	23-2	9520	9670	9120	9437	3.02	cps
Strontium	86-1	600	533	467	533	12.50	cps
Strontium	88-1	467	558	475	500	10.14	cps
Sulfur	34-1	354924	351762	350766	352484	0.62	cps
Terbium	159-1	6674981	6646186	6664505	6661891	0.22	cps
Terbium	159-2	1319260	1313505	1307979	1313581	0.43	cps
Thallium	203-1	625	667	583	625	6.67	cps
Thallium	205-1	1967	1742	1575	1761	11.16	cps
Tin	118-1	867	717	808	797	9.49	cps
Titanium	47-1	150	92	108	117	25.76	cps
Uranium	238-1	425	425	325	392	14.74	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Yttrium	89-1	5227370	5190665	5200137	5206058	0.37	cps
Yttrium	89-2	158625	160375	157351	158784	0.96	cps
Zinc	66-2	43	50	50	48	8.06	cps
Zirconium	90-1	875	792	892	853	6.28	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:29:20	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	208	225	214	4.50	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-08	Instrumnet Name :	P8
Client Sample ID :	04HY02CC-TK25-S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:32:31	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	8	25	28	75.51	cps
Antimony	121-1	2434	2342	2500	2425	3.28	cps
Arsenic	75-2	15	11	13	13	14.27	cps
Barium	135-1	70061	68922	69735	69572	0.84	cps
Barium	137-1	121261	122632	121227	121706	0.66	cps
Beryllium	9-1	94	128	111	111	15.00	cps
Bismuth	209-1	4630071	4623264	4582796	4612044	0.55	cps
Bismuth	209-2	1147525	1143537	1141829	1144297	0.26	cps
Boron	10-1	2467	2192	2734	2464	10.99	cps
Boron	11-1	11839	11030	11964	11611	4.37	cps
Cadmium	111-1	821	797	910	842	7.06	cps
Cadmium	106-1	1017	1008	1083	1036	3.97	cps
Cadmium	108-1	58	67	46	57	18.42	cps
Calcium	43-1	647933	644230	625758	639307	1.86	cps
Calcium	44-1	10458175	10405164	10381463	10414934	0.38	cps
Chromium	52-2	613	523	603	580	8.51	cps
Cobalt	59-2	60	63	87	70	20.76	cps
Copper	63-2	2005423	2028466	1999001	2010963	0.77	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	33	50	44	21.64	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	42	92	42	58	49.48	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-1	6883296	6903756	6856740	6881264	0.34	cps
Holmium	165-2	1410528	1408720	1393641	1404296	0.66	cps
Indium	115-1	5499299	5370828	5438826	5436317	1.18	cps
Indium	115-2	227776	226086	228732	227532	0.59	cps
Iron	56-2	34387	34671	34321	34460	0.54	cps
Iron	57-2	967	906	872	915	5.24	cps
Lead	206-1	34826	35277	34598	34900	0.99	cps
Lead	207-1	30270	30203	28761	29745	2.87	cps
Lead	208-1	137597	136451	134117	136055	1.30	cps
Lithium	6-1	829241	830940	818680	826287	0.80	cps
Magnesium	24-2	282422	286118	281809	283450	0.82	cps
Manganese	55-2	2300	2160	2257	2239	3.20	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-08	Instrumnet Name :	P8
Client Sample ID :	04HY02CC-TK25-S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:32:31	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1133	925	908	989	12.68	cps
Molybdenum	95-1	1358	1492	1492	1447	5.32	cps
Molybdenum	96-1	1242	1742	1400	1461	17.49	cps
Molybdenum	97-1	1033	1025	817	958	12.81	cps
Molybdenum	98-1	2209	2142	2259	2203	2.66	cps
Neodymium	150-1	20	27	33	27	24.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	450	483	467	467	3.57	cps
Phosphorus	31-2	25	17	0	14	91.65	cps
Potassium	39-2	37718	37083	37459	37420	0.85	cps
Rhodium	103-1	4930779	4823910	4856535	4870408	1.12	cps
Rhodium	103-2	1260202	1257982	1251826	1256670	0.35	cps
Scandium	45-1	2931159	2947064	2895150	2924458	0.91	cps
Scandium	45-2	23270	23126	22882	23093	0.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	11	-3	19	9	122.11	cps
Silicon	28-1	11325994	11196868	11046059	11189640	1.25	cps
Silver	109-1	3126	2917	2750	2931	6.41	cps
Silver	107-1	3084	2900	3092	3025	3.58	cps
Sodium	23-2	2504563	2471058	2485601	2487074	0.68	cps
Strontium	86-1	223484	220055	219470	221003	0.98	cps
Strontium	88-1	1987053	1955485	1941568	1961369	1.19	cps
Sulfur	34-1	436656	434394	431757	434269	0.56	cps
Terbium	159-1	7083284	7144224	7008916	7078808	0.96	cps
Terbium	159-2	1359737	1362490	1358934	1360387	0.14	cps
Thallium	203-1	867	758	625	750	16.14	cps
Thallium	205-1	2067	1884	1525	1825	15.10	cps
Tin	118-1	17312	19277	17846	18145	5.60	cps
Titanium	47-1	317	300	292	303	4.21	cps
Uranium	238-1	3776	3767	4118	3887	5.14	cps
Vanadium	51-2	163	77	90	110	42.43	cps
Yttrium	89-1	5591351	5509055	5410938	5503781	1.64	cps
Yttrium	89-2	163973	164554	163788	164105	0.24	cps
Zinc	66-2	79034	77847	77693	78191	0.94	cps
Zirconium	90-1	725	692	558	658	13.40	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-08	Instrumnet Name :	P8
Client Sample ID :	04HY02CC-TK25-S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:32:31	DataFile Name :	030SMPL.d

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

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-09	Instrumnet Name :	P8
Client Sample ID :	04HY03CC-TK23S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:35:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	67	8	31	103.26	cps
Antimony	121-1	1809	1892	1867	1856	2.31	cps
Arsenic	75-2	9	15	11	12	24.10	cps
Barium	135-1	71023	70899	68378	70100	2.13	cps
Barium	137-1	123876	120959	121487	122107	1.27	cps
Beryllium	9-1	78	139	139	119	29.77	cps
Bismuth	209-1	4652677	4562785	4586211	4600558	1.01	cps
Bismuth	209-2	1138295	1143485	1144084	1141954	0.28	cps
Boron	10-1	2534	2217	2392	2381	6.66	cps
Boron	11-1	10629	10863	11847	11113	5.82	cps
Cadmium	111-1	875	820	683	793	12.45	cps
Cadmium	106-1	1100	1008	867	992	11.85	cps
Cadmium	108-1	17	33	33	28	34.63	cps
Calcium	43-1	646195	643103	636759	642019	0.75	cps
Calcium	44-1	10445896	10390417	10330779	10389031	0.55	cps
Chromium	52-2	583	537	617	579	6.94	cps
Cobalt	59-2	83	77	77	79	4.88	cps
Copper	63-2	2209040	2255506	2247956	2237501	1.11	cps
Dysprosium	156-1	25	8	42	25	66.68	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	58	17	58	44	54.12	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	7019301	6826599	6889616	6911838	1.42	cps
Holmium	165-2	1390977	1393132	1404216	1396108	0.51	cps
Indium	115-1	5406025	5396297	5304094	5368805	1.05	cps
Indium	115-2	226529	224119	225672	225440	0.54	cps
Iron	56-2	34855	34437	35691	34995	1.82	cps
Iron	57-2	806	883	967	885	9.10	cps
Lead	206-1	35534	33417	34102	34351	3.14	cps
Lead	207-1	28800	28232	27881	28304	1.64	cps
Lead	208-1	135790	130881	131227	132633	2.07	cps
Lithium	6-1	827941	835762	840651	834785	0.77	cps
Magnesium	24-2	281314	282309	285838	283154	0.84	cps
Manganese	55-2	2230	2210	2007	2149	5.75	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-09	Instrumnet Name :	P8
Client Sample ID :	04HY03CC-TK23S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:35:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	942	800	767	836	11.11	cps
Molybdenum	95-1	1375	1200	1142	1239	9.80	cps
Molybdenum	96-1	1375	1350	1217	1314	6.48	cps
Molybdenum	97-1	858	808	892	853	4.92	cps
Molybdenum	98-1	1884	1817	1909	1870	2.53	cps
Neodymium	150-1	40	13	0	18	114.57	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	307	287	310	301	4.19	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	36816	36648	37192	36885	0.75	cps
Rhodium	103-1	4904179	4824538	4810839	4846519	1.04	cps
Rhodium	103-2	1239055	1247646	1247753	1244818	0.40	cps
Scandium	45-1	2934681	2928234	2876112	2913009	1.10	cps
Scandium	45-2	22388	23460	22805	22884	2.36	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	20	2	-10	4	380.16	cps
Silicon	28-1	11161248	11020295	10969772	11050439	0.90	cps
Silver	109-1	1984	2192	2009	2061	5.52	cps
Silver	107-1	2184	2342	2225	2250	3.65	cps
Sodium	23-2	2492805	2495761	2496608	2495058	0.08	cps
Strontium	86-1	218340	220215	222585	220380	0.97	cps
Strontium	88-1	1965024	1969480	1938520	1957675	0.85	cps
Sulfur	34-1	433643	431891	436091	433875	0.49	cps
Terbium	159-1	7001723	7067047	7053420	7040730	0.49	cps
Terbium	159-2	1353471	1354273	1352376	1353373	0.07	cps
Thallium	203-1	217	183	233	211	12.06	cps
Thallium	205-1	517	425	542	494	12.42	cps
Tin	118-1	55818	53910	55064	54931	1.75	cps
Titanium	47-1	250	250	192	231	14.61	cps
Uranium	238-1	3709	3734	3476	3640	3.92	cps
Vanadium	51-2	173	140	123	146	17.49	cps
Yttrium	89-1	5414092	5469741	5340883	5408239	1.19	cps
Yttrium	89-2	160976	163016	162722	162238	0.68	cps
Zinc	66-2	49676	49843	49826	49782	0.18	cps
Zirconium	90-1	542	608	500	550	9.94	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-09	Instrumnet Name :	P8
Client Sample ID :	04HY03CC-TK23S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:35:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	108	83	103	16.88	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-10	Instrumnet Name :	P8
Client Sample ID :	03HY01CC-BB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:38:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	25	19	49.50	cps
Antimony	121-1	2592	2792	2700	2695	3.72	cps
Arsenic	75-2	7	20	15	14	45.80	cps
Barium	135-1	67967	65823	68159	67316	1.93	cps
Barium	137-1	119319	117577	117442	118113	0.89	cps
Beryllium	9-1	117	94	111	107	10.77	cps
Bismuth	209-1	4652436	4686954	4609638	4649676	0.83	cps
Bismuth	209-2	1146318	1137364	1147325	1143669	0.48	cps
Boron	10-1	2209	2325	2367	2300	3.57	cps
Boron	11-1	11205	10713	11013	10977	2.26	cps
Cadmium	111-1	789	705	749	748	5.66	cps
Cadmium	106-1	958	917	942	939	2.23	cps
Cadmium	108-1	33	71	63	56	35.45	cps
Calcium	43-1	647209	633475	625309	635331	1.74	cps
Calcium	44-1	10419989	10363850	10294198	10359346	0.61	cps
Chromium	52-2	547	603	537	562	6.39	cps
Cobalt	59-2	80	83	83	82	2.35	cps
Copper	63-2	662805	653343	659929	658692	0.74	cps
Dysprosium	156-1	33	0	0	11	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	0	42	25	88.19	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	6928295	6896428	6809153	6877959	0.90	cps
Holmium	165-2	1400251	1395353	1403083	1399563	0.28	cps
Indium	115-1	5412696	5349478	5437617	5399930	0.84	cps
Indium	115-2	225988	224009	225160	225052	0.44	cps
Iron	56-2	19831	20415	19675	19974	1.95	cps
Iron	57-2	489	378	583	483	21.29	cps
Lead	206-1	170270	168357	168828	169152	0.59	cps
Lead	207-1	140598	142850	141205	141551	0.82	cps
Lead	208-1	659634	657817	657972	658474	0.15	cps
Lithium	6-1	843813	845337	855918	848356	0.78	cps
Magnesium	24-2	279999	281084	282081	281055	0.37	cps
Manganese	55-2	3774	3791	3567	3711	3.35	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-10	Instrumnet Name :	P8
Client Sample ID :	03HY01CC-BB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:38:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	950	650	842	814	18.67	cps
Molybdenum	95-1	1025	1217	1200	1147	9.25	cps
Molybdenum	96-1	1292	1475	1333	1367	7.03	cps
Molybdenum	97-1	667	683	783	711	8.87	cps
Molybdenum	98-1	2075	1859	1759	1897	8.53	cps
Neodymium	150-1	0	33	13	16	107.87	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3934	4161	3911	4002	3.45	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	37760	36348	35813	36641	2.74	cps
Rhodium	103-1	4870745	4829136	4862421	4854101	0.45	cps
Rhodium	103-2	1250520	1245097	1249068	1248228	0.22	cps
Scandium	45-1	2918827	2871707	2887604	2892713	0.83	cps
Scandium	45-2	22772	22879	22739	22796	0.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	-66	-2	-37	-35	-90.64	cps
Silicon	28-1	10342930	10238087	10261351	10280789	0.54	cps
Silver	109-1	1550	1584	1433	1522	5.17	cps
Silver	107-1	1483	1317	1600	1467	9.71	cps
Sodium	23-2	2560475	2549825	2529689	2546663	0.61	cps
Strontium	86-1	219690	219191	218455	219112	0.28	cps
Strontium	88-1	1960881	1955376	1957790	1958016	0.14	cps
Sulfur	34-1	437219	436625	432510	435451	0.59	cps
Terbium	159-1	7100028	7066463	7057044	7074512	0.32	cps
Terbium	159-2	1365248	1361101	1363498	1363282	0.15	cps
Thallium	203-1	150	225	108	161	36.70	cps
Thallium	205-1	433	308	375	372	16.80	cps
Tin	118-1	34964	34279	36742	35328	3.60	cps
Titanium	47-1	308	292	292	297	3.24	cps
Uranium	238-1	3776	3809	3742	3776	0.88	cps
Vanadium	51-2	47	37	33	39	17.85	cps
Yttrium	89-1	5464919	5467406	5437372	5456566	0.31	cps
Yttrium	89-2	164267	161047	161481	162265	1.08	cps
Zinc	66-2	66525	66813	66478	66606	0.27	cps
Zirconium	90-1	433	508	508	483	8.96	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-10	Instrumnet Name :	P8
Client Sample ID :	03HY01CC-BB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:38:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	58	117	117	50.00	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-11	Instrumnet Name :	P8
Client Sample ID :	03HY02CC-BB2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:42:00	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	33	39	12.38	cps
Antimony	121-1	1525	1417	1583	1508	5.61	cps
Arsenic	75-2	13	19	13	15	21.67	cps
Barium	135-1	66208	64458	65505	65390	1.35	cps
Barium	137-1	114643	113283	113652	113859	0.62	cps
Beryllium	9-1	128	78	72	93	33.05	cps
Bismuth	209-1	4641706	4622914	4603217	4622612	0.42	cps
Bismuth	209-2	1134474	1135519	1131273	1133755	0.20	cps
Boron	10-1	2042	2067	2300	2136	6.67	cps
Boron	11-1	9745	10396	9937	10026	3.33	cps
Cadmium	111-1	795	659	859	771	13.22	cps
Cadmium	106-1	1042	875	1150	1022	13.55	cps
Cadmium	108-1	25	17	13	18	35.25	cps
Calcium	43-1	630941	623940	619288	624723	0.94	cps
Calcium	44-1	10158629	10145871	10174140	10159547	0.14	cps
Chromium	52-2	607	547	577	577	5.20	cps
Cobalt	59-2	67	40	40	49	31.50	cps
Copper	63-2	954360	944075	945078	947837	0.60	cps
Dysprosium	156-1	25	0	67	31	110.22	cps
Dysprosium	156-2	17	10	0	9	94.38	cps
Erbium	164-1	33	58	0	31	95.79	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	92	42	17	50	76.37	cps
Gadolinium	160-2	3	3	20	9	108.30	cps
Holmium	165-1	6878164	6814823	6843317	6845435	0.46	cps
Holmium	165-2	1393025	1379776	1378388	1383729	0.58	cps
Indium	115-1	5306455	5231549	5297655	5278553	0.78	cps
Indium	115-2	222725	221040	225032	222933	0.90	cps
Iron	56-2	102222	99206	101092	100840	1.51	cps
Iron	57-2	2561	2228	2489	2426	7.23	cps
Lead	206-1	90296	87539	87494	88443	1.81	cps
Lead	207-1	75485	74943	74624	75017	0.58	cps
Lead	208-1	351340	345517	345577	347478	0.96	cps
Lithium	6-1	848229	838038	844619	843628	0.61	cps
Magnesium	24-2	278434	274547	275718	276233	0.72	cps
Manganese	55-2	2544	2474	2730	2583	5.14	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-11	Instrumnet Name :	P8
Client Sample ID :	03HY02CC-BB2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:42:00	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	833	850	942	875	6.67	cps
Molybdenum	95-1	1167	1167	1250	1195	4.03	cps
Molybdenum	96-1	1517	1333	1467	1439	6.59	cps
Molybdenum	97-1	842	875	767	828	6.70	cps
Molybdenum	98-1	1809	1867	1950	1875	3.80	cps
Neodymium	150-1	20	40	33	31	32.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	267	267	237	257	6.75	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	35245	36164	35955	35788	1.35	cps
Rhodium	103-1	4815043	4772934	4806166	4798048	0.46	cps
Rhodium	103-2	1242027	1225220	1240093	1235780	0.74	cps
Scandium	45-1	2845893	2855585	2862941	2854807	0.30	cps
Scandium	45-2	22161	22355	22111	22209	0.58	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	29	59	-23	21	194.37	cps
Silicon	28-1	10458866	10483486	10397124	10446492	0.43	cps
Silver	109-1	1150	1133	992	1092	7.97	cps
Silver	107-1	1175	1050	1167	1131	6.18	cps
Sodium	23-2	2430668	2463995	2413779	2436147	1.05	cps
Strontium	86-1	215645	210129	211371	212382	1.36	cps
Strontium	88-1	1948199	1886119	1908647	1914322	1.64	cps
Sulfur	34-1	433786	432667	433067	433173	0.13	cps
Terbium	159-1	6992921	7004785	6995840	6997849	0.09	cps
Terbium	159-2	1349835	1330661	1344757	1341751	0.74	cps
Thallium	203-1	108	192	167	156	27.49	cps
Thallium	205-1	300	283	333	306	8.33	cps
Tin	118-1	39493	37737	38699	38643	2.27	cps
Titanium	47-1	333	283	300	306	8.33	cps
Uranium	238-1	4034	3809	3776	3873	3.63	cps
Vanadium	51-2	93	87	77	86	9.81	cps
Yttrium	89-1	5421320	5333089	5399353	5384587	0.85	cps
Yttrium	89-2	161140	161872	161421	161478	0.23	cps
Zinc	66-2	25217	24973	24802	24997	0.83	cps
Zirconium	90-1	583	450	442	492	16.17	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-11	Instrumnet Name :	P8
Client Sample ID :	03HY02CC-BB2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:42:00	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	150	150	144	6.66	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-12	Instrumnet Name :	P8
Client Sample ID :	03HY03CC-BB3HAFL2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:45:10	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	1392	1467	1558	1472	5.67	cps
Arsenic	75-2	6	11	11	9	34.60	cps
Barium	135-1	64148	63628	63486	63754	0.55	cps
Barium	137-1	112097	113686	111248	112343	1.10	cps
Beryllium	9-1	106	139	83	109	25.59	cps
Bismuth	209-1	4622130	4587479	4577232	4595613	0.51	cps
Bismuth	209-2	1128964	1119709	1115095	1121256	0.63	cps
Boron	10-1	2142	2025	2059	2075	2.90	cps
Boron	11-1	10004	9779	9962	9915	1.21	cps
Cadmium	111-1	718	610	655	661	8.27	cps
Cadmium	106-1	942	767	892	867	10.40	cps
Cadmium	108-1	17	21	46	28	56.80	cps
Calcium	43-1	620395	618242	618458	619031	0.19	cps
Calcium	44-1	10211207	10135276	10087041	10144508	0.62	cps
Chromium	52-2	507	497	493	499	1.39	cps
Cobalt	59-2	77	73	50	67	21.80	cps
Copper	63-2	635384	634717	628799	632966	0.57	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	25	75	50	50.00	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	58	67	17	47	56.72	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	6893291	6801556	6807170	6834006	0.75	cps
Holmium	165-2	1375220	1374266	1350742	1366743	1.01	cps
Indium	115-1	5333909	5304577	5309480	5315989	0.30	cps
Indium	115-2	221610	218639	219137	219796	0.72	cps
Iron	56-2	107433	106548	105323	106435	1.00	cps
Iron	57-2	2778	2556	2545	2626	5.01	cps
Lead	206-1	41552	41925	42488	41988	1.12	cps
Lead	207-1	34068	35160	34341	34523	1.65	cps
Lead	208-1	160134	162813	162047	161665	0.85	cps
Lithium	6-1	838293	841792	844399	841495	0.36	cps
Magnesium	24-2	272046	271871	268709	270875	0.69	cps
Manganese	55-2	1924	1820	1833	1859	3.02	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-12	Instrumnet Name :	P8
Client Sample ID :	03HY03CC-BB3HAFL2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:45:10	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	775	792	806	4.89	cps
Molybdenum	95-1	1208	1117	1025	1117	8.21	cps
Molybdenum	96-1	1208	1225	1150	1195	3.30	cps
Molybdenum	97-1	783	533	733	683	19.36	cps
Molybdenum	98-1	1834	2100	1700	1878	10.85	cps
Neodymium	150-1	27	33	33	31	12.36	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	350	303	300	318	8.80	cps
Phosphorus	31-2	0	25	25	17	86.60	cps
Potassium	39-2	36783	35254	35972	36003	2.12	cps
Rhodium	103-1	4848658	4802728	4752859	4801415	1.00	cps
Rhodium	103-2	1227687	1220988	1216855	1221843	0.45	cps
Scandium	45-1	2850168	2873784	2865044	2862999	0.42	cps
Scandium	45-2	22128	22238	22114	22160	0.31	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-17	48	-59	-9	-597.44	cps
Silicon	28-1	10201978	10238451	10105760	10182063	0.67	cps
Silver	109-1	1033	1183	1125	1114	6.79	cps
Silver	107-1	1058	1092	1158	1103	4.62	cps
Sodium	23-2	2436365	2415710	2377400	2409825	1.24	cps
Strontium	86-1	215121	211565	214968	213885	0.94	cps
Strontium	88-1	1917375	1917468	1906825	1913889	0.32	cps
Sulfur	34-1	434283	429419	430530	431411	0.59	cps
Terbium	159-1	7032292	6957395	6981652	6990446	0.55	cps
Terbium	159-2	1332389	1328662	1323601	1328217	0.33	cps
Thallium	203-1	117	83	158	119	31.46	cps
Thallium	205-1	208	333	308	283	23.34	cps
Tin	118-1	153244	151207	150385	151612	0.97	cps
Titanium	47-1	283	258	342	294	14.52	cps
Uranium	238-1	4143	3367	3492	3667	11.35	cps
Vanadium	51-2	90	130	103	108	18.90	cps
Yttrium	89-1	5424888	5345220	5362900	5377669	0.78	cps
Yttrium	89-2	161661	158274	157098	159011	1.49	cps
Zinc	66-2	35863	35629	36141	35878	0.71	cps
Zirconium	90-1	567	517	475	519	8.83	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-12	Instrumnet Name :	P8
Client Sample ID :	03HY03CC-BB3HAFL2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:45:10	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	75	183	117	50.00	cps

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : I6217-13 Instrumnet Name : P8
 Client Sample ID : 01HY01AC-KICONFIRM Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 21:48:20 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	58	50	28.88	cps
Antimony	121-1	1533	1850	1450	1611	13.10	cps
Arsenic	75-2	13	11	15	13	14.27	cps
Barium	135-1	70103	70078	70328	70170	0.20	cps
Barium	137-1	120598	124052	119487	121379	1.96	cps
Beryllium	9-1	83	111	117	104	17.22	cps
Bismuth	209-1	4759358	4697744	4733710	4730271	0.65	cps
Bismuth	209-2	1163724	1150941	1144260	1152975	0.86	cps
Boron	10-1	2017	2025	2217	2086	5.42	cps
Boron	11-1	9712	10079	10104	9965	2.20	cps
Cadmium	111-1	673	724	755	717	5.81	cps
Cadmium	106-1	900	1033	1033	989	7.78	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	630064	630544	620569	627059	0.90	cps
Calcium	44-1	10339628	10403210	10273060	10338633	0.63	cps
Chromium	52-2	673	683	683	680	0.85	cps
Cobalt	59-2	63	70	67	67	5.00	cps
Copper	63-2	1760913	1737252	1720580	1739582	1.17	cps
Dysprosium	156-1	50	25	8	28	75.51	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	75	50	33	53	39.74	cps
Gadolinium	160-2	17	3	7	9	78.08	cps
Holmium	165-1	6954682	6948564	6858937	6920728	0.77	cps
Holmium	165-2	1417304	1391210	1397740	1402085	0.97	cps
Indium	115-1	5383767	5436043	5411509	5410440	0.48	cps
Indium	115-2	224408	221727	224375	223503	0.69	cps
Iron	56-2	34755	34315	33791	34287	1.41	cps
Iron	57-2	911	950	833	898	6.61	cps
Lead	206-1	110740	110885	110936	110854	0.09	cps
Lead	207-1	91997	90091	91287	91125	1.06	cps
Lead	208-1	427338	422150	425127	424871	0.61	cps
Lithium	6-1	857162	862668	856203	858677	0.41	cps
Magnesium	24-2	277992	273482	271221	274232	1.26	cps
Manganese	55-2	717	613	603	644	9.74	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-13	Instrumnet Name :	P8
Client Sample ID :	01HY01AC-KICONFIRM	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:48:20	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	967	717	800	828	15.38	cps
Molybdenum	95-1	1008	1092	1158	1086	6.92	cps
Molybdenum	96-1	1217	1217	1350	1261	6.10	cps
Molybdenum	97-1	792	717	950	820	14.54	cps
Molybdenum	98-1	2192	2009	1842	2014	8.69	cps
Neodymium	150-1	27	20	7	18	57.27	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	343	350	317	337	5.24	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	36548	35237	34543	35443	2.87	cps
Rhodium	103-1	4933887	4921923	4912833	4922881	0.21	cps
Rhodium	103-2	1258178	1251080	1249215	1252824	0.38	cps
Scandium	45-1	2917399	2925958	2903025	2915461	0.40	cps
Scandium	45-2	23026	22535	22418	22660	1.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	0	4	86.60	cps
Selenium	82-1	21	-24	-1	-1	-1605.80	cps
Silicon	28-1	10831082	10878800	10831380	10847087	0.25	cps
Silver	109-1	900	942	967	936	3.60	cps
Silver	107-1	1017	767	1108	964	18.35	cps
Sodium	23-2	2434107	2423568	2368814	2408830	1.46	cps
Strontium	86-1	218032	213848	218295	216725	1.15	cps
Strontium	88-1	1942481	1920798	1921311	1928196	0.64	cps
Sulfur	34-1	436435	436038	439265	437246	0.40	cps
Terbium	159-1	7209405	7192804	7172534	7191581	0.26	cps
Terbium	159-2	1382732	1360978	1357264	1366991	1.01	cps
Thallium	203-1	67	92	133	97	34.64	cps
Thallium	205-1	267	233	242	247	7.02	cps
Tin	118-1	5426	5001	4884	5104	5.59	cps
Titanium	47-1	333	233	375	314	23.19	cps
Uranium	238-1	3676	3851	3351	3626	7.00	cps
Vanadium	51-2	110	77	107	98	18.77	cps
Yttrium	89-1	5467426	5509712	5498733	5491957	0.40	cps
Yttrium	89-2	162897	162392	160712	162000	0.71	cps
Zinc	66-2	3584	3627	3711	3641	1.77	cps
Zirconium	90-1	500	458	608	522	14.83	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-13	Instrumnet Name :	P8
Client Sample ID :	01HY01AC-KICONFIRM	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:48:20	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	108	142	128	13.58	cps

LB Number : LB91182 Operator : Jaswal
 Lab Sample ID : I6217-14 Instrumnet Name : P8
 Client Sample ID : 01HY01BC-KICONFIRM Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 21:51:29 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	25	31	31.50	cps
Antimony	121-1	1450	1442	1508	1467	2.48	cps
Arsenic	75-2	17	11	9	12	31.24	cps
Barium	135-1	69650	70027	68964	69547	0.77	cps
Barium	137-1	122613	122160	122060	122278	0.24	cps
Beryllium	9-1	61	122	78	87	36.30	cps
Bismuth	209-1	4757451	4719022	4703453	4726642	0.59	cps
Bismuth	209-2	1156931	1152939	1144394	1151421	0.56	cps
Boron	10-1	2175	2267	2067	2170	4.61	cps
Boron	11-1	10112	9687	9687	9829	2.50	cps
Cadmium	111-1	585	628	695	636	8.72	cps
Cadmium	106-1	825	883	967	892	7.98	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Calcium	43-1	633505	628456	624192	628717	0.74	cps
Calcium	44-1	10333688	10349286	10195227	10292734	0.82	cps
Chromium	52-2	603	533	557	564	6.32	cps
Cobalt	59-2	53	20	53	42	45.58	cps
Copper	63-2	1541770	1539462	1535092	1538775	0.22	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	92	67	17	58	65.46	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	6981451	7001093	6942211	6974918	0.43	cps
Holmium	165-2	1409100	1397172	1394462	1400244	0.56	cps
Indium	115-1	5396502	5410496	5384072	5397023	0.24	cps
Indium	115-2	223806	223256	220147	222403	0.89	cps
Iron	56-2	54707	53196	53609	53837	1.45	cps
Iron	57-2	1261	1367	1322	1317	4.03	cps
Lead	206-1	47456	47946	47316	47573	0.70	cps
Lead	207-1	38988	39540	39105	39211	0.74	cps
Lead	208-1	180216	183133	180165	181172	0.94	cps
Lithium	6-1	843569	862532	866745	857615	1.44	cps
Magnesium	24-2	278638	273080	270680	274132	1.49	cps
Manganese	55-2	720	760	680	720	5.56	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-14	Instrumnet Name :	P8
Client Sample ID :	01HY01BC-KICONFIRM	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:51:29	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	842	783	783	803	4.20	cps
Molybdenum	95-1	1158	1292	1208	1220	5.52	cps
Molybdenum	96-1	1267	1392	1108	1256	11.31	cps
Molybdenum	97-1	658	900	725	761	16.40	cps
Molybdenum	98-1	1800	1934	1717	1817	6.02	cps
Neodymium	150-1	40	27	27	31	24.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	277	257	240	258	7.12	cps
Phosphorus	31-2	0	17	25	14	91.65	cps
Potassium	39-2	36089	35513	35763	35788	0.81	cps
Rhodium	103-1	4856875	4908702	4864146	4876574	0.58	cps
Rhodium	103-2	1247853	1246308	1237484	1243882	0.45	cps
Scandium	45-1	2867476	2902238	2879980	2883231	0.61	cps
Scandium	45-2	22659	22341	22932	22644	1.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-56	11	-21	-22	-152.00	cps
Silicon	28-1	10720206	10774156	10690618	10728327	0.39	cps
Silver	109-1	658	783	708	717	8.78	cps
Silver	107-1	783	892	900	858	7.58	cps
Sodium	23-2	2439819	2395901	2389395	2408372	1.14	cps
Strontium	86-1	214587	215719	212945	214417	0.65	cps
Strontium	88-1	1925198	1940745	1918469	1928137	0.59	cps
Sulfur	34-1	436948	434396	429075	433473	0.93	cps
Terbium	159-1	7100645	7236140	7154931	7163905	0.95	cps
Terbium	159-2	1363914	1352831	1350598	1355781	0.53	cps
Thallium	203-1	100	150	83	111	31.22	cps
Thallium	205-1	225	125	142	164	32.69	cps
Tin	118-1	1859	2050	2334	2081	11.49	cps
Titanium	47-1	342	325	358	342	4.88	cps
Uranium	238-1	3867	3934	4076	3959	2.69	cps
Vanadium	51-2	137	167	183	162	14.58	cps
Yttrium	89-1	5477777	5444257	5487047	5469694	0.41	cps
Yttrium	89-2	162328	162334	160466	161709	0.67	cps
Zinc	66-2	2944	2850	3034	2943	3.12	cps
Zirconium	90-1	350	475	417	414	15.11	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-14	Instrumnet Name :	P8
Client Sample ID :	01HY01BC-KICONFIRM	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:51:29	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	117	108	108	7.69	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-15	Instrumnet Name :	P8
Client Sample ID :	01HY04CC-OFKI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:54:39	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	67	42	44	47.19	cps
Antimony	121-1	1025	1459	1333	1272	17.53	cps
Arsenic	75-2	13	13	26	17	43.33	cps
Barium	135-1	69567	68628	69517	69237	0.76	cps
Barium	137-1	119681	119561	121791	120344	1.04	cps
Beryllium	9-1	83	78	94	85	9.96	cps
Bismuth	209-1	4669091	4716258	4710501	4698617	0.55	cps
Bismuth	209-2	1151651	1147812	1143675	1147713	0.35	cps
Boron	10-1	1959	1975	2075	2003	3.15	cps
Boron	11-1	9420	9887	9353	9554	3.04	cps
Cadmium	111-1	646	732	561	646	13.22	cps
Cadmium	106-1	908	992	767	889	12.80	cps
Cadmium	108-1	33	0	25	19	89.21	cps
Calcium	43-1	625431	624936	628045	626137	0.27	cps
Calcium	44-1	10180506	10223496	10230044	10211349	0.26	cps
Chromium	52-2	617	590	633	613	3.56	cps
Cobalt	59-2	50	80	47	59	31.17	cps
Copper	63-2	59524	58804	58854	59060	0.68	cps
Dysprosium	156-1	58	25	25	36	53.30	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	100	67	92	86	20.14	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	7039447	6993272	6934312	6989010	0.75	cps
Holmium	165-2	1402708	1393567	1403594	1399956	0.40	cps
Indium	115-1	5410436	5394979	5370274	5391897	0.38	cps
Indium	115-2	223403	222363	222552	222773	0.25	cps
Iron	56-2	55070	55349	54501	54974	0.79	cps
Iron	57-2	1322	1400	1317	1346	3.46	cps
Lead	206-1	14019	13891	13713	13875	1.11	cps
Lead	207-1	11628	11339	11639	11535	1.48	cps
Lead	208-1	54375	53055	53217	53549	1.34	cps
Lithium	6-1	850137	848613	848101	848950	0.12	cps
Magnesium	24-2	273872	270148	273804	272608	0.78	cps
Manganese	55-2	950	973	863	929	6.24	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-15	Instrumnet Name :	P8
Client Sample ID :	01HY04CC-OFKI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:54:39	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	858	858	867	861	0.56	cps
Molybdenum	95-1	1108	1100	1133	1114	1.56	cps
Molybdenum	96-1	1275	1517	1175	1322	13.29	cps
Molybdenum	97-1	842	767	775	795	5.17	cps
Molybdenum	98-1	1917	1742	1775	1811	5.13	cps
Neodymium	150-1	33	27	33	31	12.36	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	210	233	210	218	6.19	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	35554	35253	35378	35395	0.43	cps
Rhodium	103-1	4876301	4904636	4830435	4870458	0.77	cps
Rhodium	103-2	1245334	1241820	1240576	1242577	0.20	cps
Scandium	45-1	2891447	2864923	2874338	2876902	0.47	cps
Scandium	45-2	22732	22091	22482	22435	1.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-73	25	14	-11	-471.38	cps
Silicon	28-1	10802877	10642702	10607578	10684385	0.97	cps
Silver	109-1	742	725	725	731	1.32	cps
Silver	107-1	658	733	875	756	14.56	cps
Sodium	23-2	2430587	2365501	2379516	2391868	1.43	cps
Strontium	86-1	217202	215644	215913	216253	0.39	cps
Strontium	88-1	1941149	1908755	1947811	1932572	1.08	cps
Sulfur	34-1	432612	427511	426954	429026	0.73	cps
Terbium	159-1	7189157	7167346	7126973	7161159	0.44	cps
Terbium	159-2	1355814	1358225	1365345	1359794	0.36	cps
Thallium	203-1	50	83	117	83	40.00	cps
Thallium	205-1	125	192	92	136	37.41	cps
Tin	118-1	1508	1567	1600	1558	2.98	cps
Titanium	47-1	308	292	250	283	10.61	cps
Uranium	238-1	3442	3826	3559	3609	5.45	cps
Vanadium	51-2	177	153	167	166	7.07	cps
Yttrium	89-1	5527372	5480264	5418863	5475500	0.99	cps
Yttrium	89-2	160955	160578	159494	160342	0.47	cps
Zinc	66-2	3627	3574	3394	3532	3.46	cps
Zirconium	90-1	375	492	383	417	15.62	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-15	Instrumnet Name :	P8
Client Sample ID :	01HY04CC-OFKI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:54:39	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	108	125	125	13.33	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-16	Instrumnet Name :	P8
Client Sample ID :	33HY01AC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:57:49	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	58	50	16.67	cps
Antimony	121-1	1675	1717	1600	1664	3.55	cps
Arsenic	75-2	13	17	11	14	20.85	cps
Barium	135-1	68587	68151	68033	68257	0.43	cps
Barium	137-1	120193	118283	117360	118612	1.22	cps
Beryllium	9-1	72	89	100	87	16.06	cps
Bismuth	209-1	4719131	4684721	4744718	4716190	0.64	cps
Bismuth	209-2	1146889	1136452	1142299	1141880	0.46	cps
Boron	10-1	1959	2034	1992	1995	1.88	cps
Boron	11-1	9345	9378	9278	9334	0.55	cps
Cadmium	111-1	844	696	731	757	10.22	cps
Cadmium	106-1	1100	933	975	1003	8.65	cps
Cadmium	108-1	25	46	50	40	33.25	cps
Calcium	43-1	650607	644323	637149	644026	1.05	cps
Calcium	44-1	10599468	10514852	10392727	10502349	0.99	cps
Chromium	52-2	443	433	427	434	1.93	cps
Cobalt	59-2	163	120	100	128	25.34	cps
Copper	63-2	597824	594768	595755	596115	0.26	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	42	58	42	47	20.38	cps
Gadolinium	160-2	17	3	3	8	99.04	cps
Holmium	165-1	7055627	6989317	6971232	7005392	0.63	cps
Holmium	165-2	1409939	1392967	1387664	1396857	0.83	cps
Indium	115-1	5427829	5440308	5391552	5419896	0.47	cps
Indium	115-2	223018	222078	222450	222516	0.21	cps
Iron	56-2	20315	20020	20054	20130	0.80	cps
Iron	57-2	500	528	572	533	6.83	cps
Lead	206-1	32180	32620	32214	32338	0.76	cps
Lead	207-1	26940	27057	27241	27079	0.56	cps
Lead	208-1	126125	125542	125739	125802	0.24	cps
Lithium	6-1	839521	843707	854123	845784	0.89	cps
Magnesium	24-2	285060	284175	281177	283470	0.72	cps
Manganese	55-2	7002	6722	7195	6973	3.41	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-16	Instrumnet Name :	P8
Client Sample ID :	33HY01AC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:57:49	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	808	858	825	831	3.07	cps
Molybdenum	95-1	1008	933	1058	1000	6.29	cps
Molybdenum	96-1	1108	1258	1158	1175	6.50	cps
Molybdenum	97-1	733	533	517	594	20.28	cps
Molybdenum	98-1	1550	1500	1483	1511	2.30	cps
Neodymium	150-1	33	7	7	16	98.94	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	16417	16256	16263	16312	0.56	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	35688	34410	34326	34808	2.19	cps
Rhodium	103-1	4942786	4873427	4871139	4895784	0.83	cps
Rhodium	103-2	1244541	1242684	1240514	1242580	0.16	cps
Scandium	45-1	2918247	2901398	2889759	2903135	0.49	cps
Scandium	45-2	22411	22391	22291	22365	0.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-14	-4	-58	-25	-113.84	cps
Silicon	28-1	9595806	9462990	9391472	9483423	1.09	cps
Silver	109-1	567	583	800	650	20.03	cps
Silver	107-1	608	808	875	764	18.17	cps
Sodium	23-2	2446704	2400558	2410830	2419364	1.00	cps
Strontium	86-1	221087	219673	220876	220545	0.35	cps
Strontium	88-1	2002828	1979683	1974657	1985723	0.76	cps
Sulfur	34-1	441236	436578	437167	438327	0.58	cps
Terbium	159-1	7159150	7101879	7171466	7144165	0.52	cps
Terbium	159-2	1361288	1355233	1348554	1355025	0.47	cps
Thallium	203-1	125	125	83	111	21.65	cps
Thallium	205-1	183	200	158	181	11.62	cps
Tin	118-1	19946	20288	19415	19883	2.21	cps
Titanium	47-1	142	333	458	311	51.27	cps
Uranium	238-1	2625	2859	2959	2814	6.08	cps
Vanadium	51-2	17	40	40	32	41.80	cps
Yttrium	89-1	5468720	5482064	5456802	5469195	0.23	cps
Yttrium	89-2	163259	160290	160777	161442	0.99	cps
Zinc	66-2	79215	80710	79483	79802	1.00	cps
Zirconium	90-1	458	558	283	433	32.12	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-16	Instrumnet Name :	P8
Client Sample ID :	33HY01AC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 21:57:49	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	125	133	125	6.67	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-17	Instrumnet Name :	P8
Client Sample ID :	33HY01BC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:00:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	50	42	39	32.73	cps
Antimony	121-1	1834	1600	1642	1692	7.36	cps
Arsenic	75-2	9	19	11	13	37.80	cps
Barium	135-1	68009	68519	67606	68045	0.67	cps
Barium	137-1	119005	119922	117299	118742	1.12	cps
Beryllium	9-1	78	72	39	63	33.41	cps
Bismuth	209-1	4783532	4713905	4724200	4740546	0.79	cps
Bismuth	209-2	1151257	1159332	1154495	1155028	0.35	cps
Boron	10-1	2042	1984	1884	1970	4.07	cps
Boron	11-1	9387	9420	10046	9618	3.86	cps
Cadmium	111-1	708	755	816	760	7.13	cps
Cadmium	106-1	950	1042	1067	1020	6.03	cps
Cadmium	108-1	33	29	38	33	12.50	cps
Calcium	43-1	636397	632830	627250	632159	0.73	cps
Calcium	44-1	10445965	10383452	10308094	10379170	0.67	cps
Chromium	52-2	617	467	467	517	16.76	cps
Cobalt	59-2	117	140	127	128	9.16	cps
Copper	63-2	475570	474299	475899	475256	0.18	cps
Dysprosium	156-1	42	33	8	28	62.46	cps
Dysprosium	156-2	13	0	3	6	124.93	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	67	42	17	42	60.00	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	7071314	7106777	7069902	7082664	0.30	cps
Holmium	165-2	1414033	1414617	1407354	1412001	0.29	cps
Indium	115-1	5411299	5420933	5469904	5434046	0.58	cps
Indium	115-2	225698	223333	222157	223729	0.81	cps
Iron	56-2	91617	90575	90526	90906	0.68	cps
Iron	57-2	2306	2384	2428	2372	2.61	cps
Lead	206-1	56861	57151	57045	57019	0.26	cps
Lead	207-1	48616	48883	49140	48880	0.54	cps
Lead	208-1	225415	224464	223320	224400	0.47	cps
Lithium	6-1	846953	848877	856432	850754	0.59	cps
Magnesium	24-2	280524	278979	282246	280583	0.58	cps
Manganese	55-2	6795	6552	6745	6697	1.92	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-17	Instrumnet Name :	P8
Client Sample ID :	33HY01BC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:00:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	767	800	892	820	7.90	cps
Molybdenum	95-1	1000	1183	1125	1103	8.49	cps
Molybdenum	96-1	1158	1200	1317	1225	6.70	cps
Molybdenum	97-1	675	792	567	678	16.60	cps
Molybdenum	98-1	1825	1650	1784	1753	5.22	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	13817	13604	13166	13529	2.45	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	34694	35086	35304	35028	0.88	cps
Rhodium	103-1	4872405	4940997	4836172	4883192	1.09	cps
Rhodium	103-2	1250818	1249461	1244102	1248127	0.28	cps
Scandium	45-1	2908079	2877843	2908460	2898127	0.61	cps
Scandium	45-2	22732	22675	22682	22696	0.14	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	6	0	4	86.60	cps
Selenium	82-1	-29	-1	-37	-22	-83.50	cps
Silicon	28-1	9927110	9802774	9815957	9848614	0.69	cps
Silver	109-1	733	742	783	753	3.56	cps
Silver	107-1	767	783	775	775	1.08	cps
Sodium	23-2	2444245	2418651	2416066	2426321	0.64	cps
Strontium	86-1	219765	217201	221062	219343	0.90	cps
Strontium	88-1	1973464	1939759	1957352	1956858	0.86	cps
Sulfur	34-1	444708	437437	438965	440370	0.87	cps
Terbium	159-1	7217501	7269353	7229475	7238776	0.38	cps
Terbium	159-2	1374942	1371875	1364726	1370514	0.38	cps
Thallium	203-1	50	75	67	64	19.92	cps
Thallium	205-1	200	267	167	211	24.12	cps
Tin	118-1	44373	39242	39990	41201	6.73	cps
Titanium	47-1	242	308	267	272	12.37	cps
Uranium	238-1	3326	3151	2917	3131	6.55	cps
Vanadium	51-2	63	73	73	70	8.25	cps
Yttrium	89-1	5536813	5539957	5485026	5520599	0.56	cps
Yttrium	89-2	162725	162298	163849	162957	0.49	cps
Zinc	66-2	66318	65313	65222	65618	0.93	cps
Zirconium	90-1	517	508	567	531	5.95	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-17	Instrumnet Name :	P8
Client Sample ID :	33HY01BC-FL1BB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:00:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	175	67	131	43.45	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:04:09	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228172	228019	226955	227715	0.29	cps
Antimony	121-1	3772986	3787575	3829811	3796791	0.78	cps
Arsenic	75-2	41170	42209	41869	41749	1.27	cps
Barium	135-1	4082532	4028057	4055354	4055315	0.67	cps
Barium	137-1	6917897	6925745	6985770	6943137	0.53	cps
Beryllium	9-1	435513	437793	439278	437528	0.43	cps
Bismuth	209-1	4327132	4371064	4320095	4339430	0.64	cps
Bismuth	209-2	1058767	1059923	1056604	1058431	0.16	cps
Boron	10-1	50390	50833	52112	51112	1.75	cps
Boron	11-1	232801	240002	241450	238084	1.95	cps
Cadmium	111-1	770168	772955	770010	771044	0.21	cps
Cadmium	106-1	80582	80004	79652	80080	0.59	cps
Cadmium	108-1	52578	53401	53594	53191	1.01	cps
Calcium	43-1	3663837	3716487	3728557	3702960	0.93	cps
Calcium	44-1	60144397	60161678	60192920	60166332	0.04	cps
Chromium	52-2	312310	315016	315501	314276	0.55	cps
Cobalt	59-2	658964	656971	661519	659151	0.35	cps
Copper	63-2	1146080	1140090	1144105	1143425	0.27	cps
Dysprosium	156-1	100	83	92	92	9.09	cps
Dysprosium	156-2	10	7	27	14	74.18	cps
Erbium	164-1	75	42	58	58	28.57	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	75	75	75	75	0.00	cps
Gadolinium	160-2	13	23	17	18	28.64	cps
Holmium	165-1	6660700	6613012	6638189	6637301	0.36	cps
Holmium	165-2	1348031	1340490	1344923	1344481	0.28	cps
Indium	115-1	4888430	4927382	4951004	4922272	0.64	cps
Indium	115-2	206373	206831	208586	207264	0.56	cps
Iron	56-2	51458314	51248514	51091736	51266188	0.36	cps
Iron	57-2	1289008	1288765	1291767	1289846	0.13	cps
Lead	206-1	2502978	2507286	2509094	2506453	0.13	cps
Lead	207-1	2292034	2287640	2297063	2292246	0.21	cps
Lead	208-1	10229978	10309988	10276404	10272123	0.39	cps
Lithium	6-1	753140	755358	750960	753153	0.29	cps
Magnesium	24-2	5368153	5386689	5338996	5364612	0.45	cps
Manganese	55-2	175550	176644	176978	176391	0.42	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:04:09	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2879935	2881895	2894371	2885400	0.27	cps
Molybdenum	95-1	1536226	1526848	1541845	1534973	0.49	cps
Molybdenum	96-1	2025985	2022392	2003355	2017244	0.60	cps
Molybdenum	97-1	944143	935178	933441	937587	0.61	cps
Molybdenum	98-1	2484719	2477002	2468387	2476702	0.33	cps
Neodymium	150-1	207	93	180	160	37.03	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	192396	194718	194963	194026	0.73	cps
Phosphorus	31-2	3226	3367	3892	3495	10.05	cps
Potassium	39-2	1526349	1514121	1551894	1530788	1.26	cps
Rhodium	103-1	4477960	4430806	4459758	4456174	0.53	cps
Rhodium	103-2	1149903	1144785	1151909	1148866	0.32	cps
Scandium	45-1	2767629	2752744	2738492	2752955	0.53	cps
Scandium	45-2	22184	21316	22502	22001	2.79	cps
Selenium	77-2	323	220	270	271	19.06	cps
Selenium	78-2	967	1011	939	972	3.75	cps
Selenium	82-1	48106	48559	48784	48483	0.71	cps
Silicon	28-1	1669286	1688283	1693125	1683565	0.75	cps
Silver	109-1	3632295	3598154	3617322	3615923	0.47	cps
Silver	107-1	3727077	3731449	3708182	3722236	0.33	cps
Sodium	23-2	12174977	12315762	12317032	12269257	0.67	cps
Strontium	86-1	960478	958552	971996	963675	0.75	cps
Strontium	88-1	8450815	8394076	8553846	8466246	0.96	cps
Sulfur	34-1	561192	559336	560347	560291	0.17	cps
Terbium	159-1	6711245	6808350	6835791	6785129	0.96	cps
Terbium	159-2	1302612	1301151	1302828	1302197	0.07	cps
Thallium	203-1	3085988	3086167	3090736	3087630	0.09	cps
Thallium	205-1	7257536	7260308	7215679	7244507	0.35	cps
Tin	118-1	2550176	2549763	2582542	2560827	0.73	cps
Titanium	47-1	378146	380749	382937	380611	0.63	cps
Uranium	238-1	10166696	10218449	10117722	10167622	0.50	cps
Vanadium	51-2	230847	230873	233324	231682	0.61	cps
Yttrium	89-1	5134601	5202755	5244394	5193917	1.07	cps
Yttrium	89-2	156703	156855	156737	156765	0.05	cps
Zinc	66-2	104644	106851	106162	105886	1.07	cps
Zirconium	90-1	5380303	5387347	5421705	5396452	0.41	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:04:09	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1185148	1192765	1191554	1189823	0.34	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:07:11	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	17	11	43.34	cps
Antimony	121-1	1525	1433	1834	1597	13.12	cps
Arsenic	75-2	6	0	4	3	91.69	cps
Barium	135-1	192	150	175	172	12.18	cps
Barium	137-1	308	292	258	286	8.90	cps
Beryllium	9-1	167	233	172	191	19.39	cps
Bismuth	209-1	4402613	4510911	4471517	4461680	1.23	cps
Bismuth	209-2	1105062	1095320	1102912	1101098	0.46	cps
Boron	10-1	1450	1442	1258	1383	7.83	cps
Boron	11-1	7010	7377	6227	6871	8.55	cps
Cadmium	111-1	815	713	651	727	11.44	cps
Cadmium	106-1	1017	875	875	922	8.87	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Calcium	43-1	1192	1217	1150	1186	2.84	cps
Calcium	44-1	15643	14825	15009	15159	2.83	cps
Chromium	52-2	573	663	653	630	7.83	cps
Cobalt	59-2	37	30	47	38	22.21	cps
Copper	63-2	290	337	303	310	7.75	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	83	42	25	50	60.09	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	6511765	6581549	6527441	6540251	0.56	cps
Holmium	165-2	1333902	1323341	1325277	1327506	0.42	cps
Indium	115-1	5089223	5146261	5045081	5093522	1.00	cps
Indium	115-2	214587	214337	213497	214140	0.27	cps
Iron	56-2	2284	2356	2589	2410	6.63	cps
Iron	57-2	83	44	56	61	32.78	cps
Lead	206-1	872	800	822	832	4.45	cps
Lead	207-1	772	828	678	759	9.99	cps
Lead	208-1	3545	3311	3156	3337	5.87	cps
Lithium	6-1	762968	767770	765767	765502	0.32	cps
Magnesium	24-2	275	242	217	244	11.97	cps
Manganese	55-2	27	13	20	20	33.35	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:07:11	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	383	350	378	6.74	cps
Molybdenum	95-1	142	242	142	175	32.99	cps
Molybdenum	96-1	275	283	267	275	3.03	cps
Molybdenum	97-1	142	158	192	164	15.54	cps
Molybdenum	98-1	242	308	217	256	18.54	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	30	40	44	38.48	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2475	2642	2625	2581	3.56	cps
Rhodium	103-1	4707632	4704939	4678371	4696980	0.34	cps
Rhodium	103-2	1196820	1194456	1201750	1197675	0.31	cps
Scandium	45-1	2737497	2719064	2771835	2742798	0.98	cps
Scandium	45-2	21447	21467	21547	21487	0.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-39	-74	-67	-60	-31.38	cps
Silicon	28-1	340353	324493	323311	329386	2.89	cps
Silver	109-1	700	625	600	642	8.11	cps
Silver	107-1	792	650	733	725	9.82	cps
Sodium	23-2	8486	8295	8311	8364	1.27	cps
Strontium	86-1	658	450	583	564	18.71	cps
Strontium	88-1	492	283	442	406	26.82	cps
Sulfur	34-1	353377	349517	351548	351481	0.55	cps
Terbium	159-1	6722757	6756267	6651837	6710287	0.79	cps
Terbium	159-2	1281588	1288478	1285271	1285112	0.27	cps
Thallium	203-1	717	567	667	650	11.75	cps
Thallium	205-1	1467	1325	1242	1345	8.46	cps
Tin	118-1	825	708	742	758	7.92	cps
Titanium	47-1	142	117	108	122	14.19	cps
Uranium	238-1	608	417	308	444	34.18	cps
Vanadium	51-2	13	3	13	10	57.75	cps
Yttrium	89-1	5121399	5203170	5171762	5165444	0.80	cps
Yttrium	89-2	153598	153983	155115	154232	0.51	cps
Zinc	66-2	40	70	43	51	32.17	cps
Zirconium	90-1	725	792	800	772	5.32	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:07:11	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	217	100	167	36.05	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-18	Instrumnet Name :	P8
Client Sample ID :	33HY02AC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:10:23	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	142	158	156	8.18	cps
Antimony	121-1	2109	2417	2350	2292	7.08	cps
Arsenic	75-2	4	9	20	11	76.40	cps
Barium	135-1	65262	65178	66635	65692	1.25	cps
Barium	137-1	115064	113618	113165	113949	0.87	cps
Beryllium	9-1	94	133	117	115	16.99	cps
Bismuth	209-1	4647753	4697611	4605365	4650243	0.99	cps
Bismuth	209-2	1139231	1129696	1131419	1133449	0.45	cps
Boron	10-1	2250	2267	2225	2248	0.93	cps
Boron	11-1	10938	11313	11205	11152	1.73	cps
Cadmium	111-1	771	847	684	767	10.60	cps
Cadmium	106-1	892	1000	783	892	12.15	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	618428	611857	609641	613309	0.75	cps
Calcium	44-1	10083671	9937880	10070114	10030555	0.80	cps
Chromium	52-2	513	503	593	537	9.19	cps
Cobalt	59-2	107	77	127	103	24.35	cps
Copper	63-2	486638	485285	483663	485195	0.31	cps
Dysprosium	156-1	0	25	33	19	89.21	cps
Dysprosium	156-2	13	0	3	6	124.93	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	6991479	6911857	6834734	6912690	1.13	cps
Holmium	165-2	1381840	1383519	1381758	1382372	0.07	cps
Indium	115-1	5386948	5279284	5307239	5324490	1.05	cps
Indium	115-2	222941	220297	221010	221416	0.62	cps
Iron	56-2	172537	169861	169934	170777	0.89	cps
Iron	57-2	4195	4295	4440	4310	2.85	cps
Lead	206-1	15454	15532	15148	15378	1.32	cps
Lead	207-1	13102	13263	12896	13087	1.41	cps
Lead	208-1	60402	60491	59166	60020	1.23	cps
Lithium	6-1	794379	794452	788868	792567	0.40	cps
Magnesium	24-2	273160	273244	269695	272033	0.74	cps
Manganese	55-2	3290	3170	3190	3217	2.00	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-18	Instrumnet Name :	P8
Client Sample ID :	33HY02AC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:10:23	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	925	1017	825	922	10.39	cps
Molybdenum	95-1	1200	1158	925	1095	13.54	cps
Molybdenum	96-1	1175	1125	1383	1228	11.16	cps
Molybdenum	97-1	900	833	750	828	9.08	cps
Molybdenum	98-1	1975	1984	1942	1967	1.12	cps
Neodymium	150-1	33	33	40	36	10.82	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1093	1063	943	1033	7.68	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	34736	34644	35220	34867	0.89	cps
Rhodium	103-1	4915643	4851606	4814639	4860629	1.05	cps
Rhodium	103-2	1237387	1229282	1229599	1232090	0.37	cps
Scandium	45-1	2914041	2864845	2851224	2876703	1.15	cps
Scandium	45-2	22725	22555	21921	22400	1.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	-91	-38	64	-22	-359.48	cps
Silicon	28-1	10449678	10357509	10238286	10348491	1.02	cps
Silver	109-1	1433	1884	1875	1731	14.88	cps
Silver	107-1	1667	1742	1642	1684	3.09	cps
Sodium	23-2	2387226	2389068	2395077	2390457	0.17	cps
Strontium	86-1	211162	209688	208817	209889	0.56	cps
Strontium	88-1	1889514	1887215	1851847	1876192	1.13	cps
Sulfur	34-1	424027	424743	418495	422422	0.81	cps
Terbium	159-1	7202222	7108609	7052329	7121054	1.06	cps
Terbium	159-2	1355968	1343382	1333079	1344143	0.85	cps
Thallium	203-1	875	633	600	703	21.35	cps
Thallium	205-1	1900	1675	1484	1686	12.37	cps
Tin	118-1	1692	1684	1425	1600	9.48	cps
Titanium	47-1	275	208	242	242	13.80	cps
Uranium	238-1	3701	3109	3292	3367	9.00	cps
Vanadium	51-2	107	103	87	99	10.84	cps
Yttrium	89-1	5417812	5446764	5395006	5419860	0.48	cps
Yttrium	89-2	161245	158618	159212	159692	0.86	cps
Zinc	66-2	11028	10884	10961	10958	0.65	cps
Zirconium	90-1	925	717	717	786	15.30	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-18	Instrumnet Name :	P8
Client Sample ID :	33HY02AC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:10:23	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	167	225	219	22.89	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-19	Instrumnet Name :	P8
Client Sample ID :	33HY02BC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:13:33	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	175	83	128	35.92	cps
Antimony	121-1	1684	1609	1859	1717	7.47	cps
Arsenic	75-2	7	24	22	18	51.01	cps
Barium	135-1	66150	65269	65672	65697	0.67	cps
Barium	137-1	114980	114065	112190	113745	1.25	cps
Beryllium	9-1	94	100	128	107	16.63	cps
Bismuth	209-1	4655972	4654234	4591522	4633909	0.79	cps
Bismuth	209-2	1122990	1130738	1139689	1131139	0.74	cps
Boron	10-1	2017	2609	2109	2245	14.19	cps
Boron	11-1	9896	9820	10012	9909	0.98	cps
Cadmium	111-1	606	601	608	605	0.60	cps
Cadmium	106-1	775	800	792	789	1.61	cps
Cadmium	108-1	17	25	13	18	35.25	cps
Calcium	43-1	613155	605999	600951	606702	1.01	cps
Calcium	44-1	9955449	9912616	9967947	9945337	0.29	cps
Chromium	52-2	533	477	513	508	5.66	cps
Cobalt	59-2	97	70	73	80	18.16	cps
Copper	63-2	514768	523236	531550	523185	1.60	cps
Dysprosium	156-1	50	17	58	42	52.91	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	58	83	17	53	63.81	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	6847855	6849155	6799293	6832101	0.42	cps
Holmium	165-2	1373646	1387373	1390202	1383740	0.64	cps
Indium	115-1	5288987	5273728	5301989	5288235	0.27	cps
Indium	115-2	217955	221705	222186	220615	1.05	cps
Iron	56-2	155529	157283	159625	157479	1.30	cps
Iron	57-2	3828	3990	3923	3914	2.07	cps
Lead	206-1	5318	5335	4818	5157	5.70	cps
Lead	207-1	4751	3912	4190	4284	9.98	cps
Lead	208-1	20435	19662	19390	19829	2.73	cps
Lithium	6-1	807078	815479	813428	811995	0.54	cps
Magnesium	24-2	267598	270493	272915	270335	0.98	cps
Manganese	55-2	2850	2797	2807	2818	1.01	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-19	Instrumnet Name :	P8
Client Sample ID :	33HY02BC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:13:33	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	950	942	914	6.07	cps
Molybdenum	95-1	1058	1217	1117	1131	7.08	cps
Molybdenum	96-1	1559	1350	1408	1439	7.47	cps
Molybdenum	97-1	800	792	725	772	5.32	cps
Molybdenum	98-1	1867	3107	1892	2289	30.97	cps
Neodymium	150-1	27	27	47	33	34.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	287	257	230	258	11.00	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	34159	34660	35947	34922	2.64	cps
Rhodium	103-1	4805527	4828168	4738255	4790650	0.98	cps
Rhodium	103-2	1219541	1237577	1236588	1231235	0.82	cps
Scandium	45-1	2824778	2841004	2825540	2830441	0.32	cps
Scandium	45-2	22171	21941	22178	22096	0.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	8	-47	-36	-25	-117.30	cps
Silicon	28-1	10332062	10316657	10253506	10300742	0.40	cps
Silver	109-1	1133	1050	1092	1092	3.82	cps
Silver	107-1	1233	1158	1100	1164	5.74	cps
Sodium	23-2	2346896	2370188	2393821	2370302	0.99	cps
Strontium	86-1	209383	206320	206811	207505	0.79	cps
Strontium	88-1	1871664	1843252	1846164	1853693	0.84	cps
Sulfur	34-1	419294	417797	419192	418761	0.20	cps
Terbium	159-1	7031674	6998583	7028249	7019502	0.26	cps
Terbium	159-2	1335094	1350241	1348422	1344585	0.62	cps
Thallium	203-1	208	200	200	203	2.37	cps
Thallium	205-1	483	458	442	461	4.55	cps
Tin	118-1	1392	1158	1375	1308	9.95	cps
Titanium	47-1	275	250	217	247	11.84	cps
Uranium	238-1	3676	3567	4076	3773	7.10	cps
Vanadium	51-2	127	100	127	118	13.07	cps
Yttrium	89-1	5415032	5384291	5306655	5368659	1.04	cps
Yttrium	89-2	156885	159538	160628	159017	1.21	cps
Zinc	66-2	3167	3477	3157	3267	5.57	cps
Zirconium	90-1	692	717	467	625	22.03	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-19	Instrumnet Name :	P8
Client Sample ID :	33HY02BC-FL2LR	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:13:33	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	150	142	169	24.26	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01DUP	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	192	167	225	35.72	cps
Antimony	121-1	2275	1967	2209	2150	7.55	cps
Arsenic	75-2	20	6	28	18	63.19	cps
Barium	135-1	67649	67296	65873	66939	1.40	cps
Barium	137-1	117872	118141	117528	117847	0.26	cps
Beryllium	9-1	72	94	106	91	18.71	cps
Bismuth	209-1	4758078	4733022	4753431	4748177	0.28	cps
Bismuth	209-2	1150996	1148665	1135596	1145086	0.72	cps
Boron	10-1	2167	2175	2242	2195	1.87	cps
Boron	11-1	10646	10246	10671	10521	2.27	cps
Cadmium	111-1	728	949	677	785	18.42	cps
Cadmium	106-1	950	1242	867	1020	19.32	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	614307	616651	609187	613381	0.62	cps
Calcium	44-1	10163840	9997223	9866622	10009228	1.49	cps
Chromium	52-2	577	550	540	556	3.41	cps
Cobalt	59-2	123	167	177	156	18.22	cps
Copper	63-2	451895	448677	444319	448297	0.85	cps
Dysprosium	156-1	0	42	8	17	132.30	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	58	67	25	50	44.10	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	6997384	7062675	7013754	7024604	0.48	cps
Holmium	165-2	1390954	1396128	1390352	1392478	0.23	cps
Indium	115-1	5487284	5378571	5405978	5423944	1.04	cps
Indium	115-2	222217	221870	222615	222234	0.17	cps
Iron	56-2	60955	61452	59522	60643	1.65	cps
Iron	57-2	1600	1672	1506	1593	5.25	cps
Lead	206-1	43665	43725	42689	43360	1.34	cps
Lead	207-1	37400	35979	36420	36600	1.99	cps
Lead	208-1	170310	168810	168035	169052	0.68	cps
Lithium	6-1	837648	831448	836152	835083	0.39	cps
Magnesium	24-2	271627	270146	268874	270215	0.51	cps
Manganese	55-2	3847	4037	4001	3962	2.54	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01DUP	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	825	867	808	833	3.61	cps
Molybdenum	95-1	1200	1108	1042	1117	7.12	cps
Molybdenum	96-1	1200	1175	1467	1281	12.63	cps
Molybdenum	97-1	733	575	875	728	20.62	cps
Molybdenum	98-1	1967	1850	1842	1886	3.70	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4598	4464	4297	4453	3.38	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	35362	35145	35321	35276	0.33	cps
Rhodium	103-1	4888234	4947788	4830957	4888993	1.19	cps
Rhodium	103-2	1244645	1235945	1243568	1241386	0.38	cps
Scandium	45-1	2884818	2898404	2838918	2874047	1.08	cps
Scandium	45-2	22385	22041	22161	22196	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	7	3	124.95	cps
Selenium	82-1	7	-63	-75	-44	-100.92	cps
Silicon	28-1	9921269	9944408	9789829	9885169	0.84	cps
Silver	109-1	892	1142	817	950	17.91	cps
Silver	107-1	967	983	1117	1022	8.04	cps
Sodium	23-2	2372683	2411744	2382524	2388984	0.85	cps
Strontium	86-1	214216	211734	211666	212539	0.68	cps
Strontium	88-1	1901199	1902967	1875963	1893376	0.80	cps
Sulfur	34-1	422578	423906	416973	421152	0.87	cps
Terbium	159-1	7238905	7129870	7163601	7177458	0.78	cps
Terbium	159-2	1367632	1353805	1347283	1356240	0.77	cps
Thallium	203-1	142	142	133	139	3.46	cps
Thallium	205-1	350	258	275	294	16.58	cps
Tin	118-1	7894	8061	7903	7953	1.18	cps
Titanium	47-1	250	225	142	206	27.60	cps
Uranium	238-1	3059	3051	2926	3012	2.48	cps
Vanadium	51-2	90	110	83	94	14.69	cps
Yttrium	89-1	5442396	5474583	5436402	5451127	0.38	cps
Yttrium	89-2	160686	159755	159313	159918	0.44	cps
Zinc	66-2	24555	24792	25126	24825	1.16	cps
Zirconium	90-1	508	467	633	536	16.18	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01DUP	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	225	192	161	51.81	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01LX5	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-27 22:19:52	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	83	56	45.83	cps
Antimony	121-1	667	433	633	578	21.84	cps
Arsenic	75-2	6	9	6	7	31.45	cps
Barium	135-1	12398	11672	11664	11911	3.54	cps
Barium	137-1	21226	20483	21293	21001	2.14	cps
Beryllium	9-1	72	117	128	106	27.85	cps
Bismuth	209-1	4512299	4547783	4531803	4530628	0.39	cps
Bismuth	209-2	1029810	1115556	1110364	1085243	4.43	cps
Boron	10-1	842	725	742	770	8.20	cps
Boron	11-1	3659	3851	3326	3612	7.36	cps
Cadmium	111-1	740	639	607	662	10.50	cps
Cadmium	106-1	1000	892	833	908	9.31	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	114305	114859	113927	114364	0.41	cps
Calcium	44-1	1879096	1877881	1900302	1885760	0.67	cps
Chromium	52-2	553	637	650	613	8.54	cps
Cobalt	59-2	43	30	53	42	27.72	cps
Copper	63-2	84894	83418	84069	84127	0.88	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	67	42	33	47	36.73	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	6650156	6658000	6590177	6632778	0.56	cps
Holmium	165-2	1243993	1356048	1350622	1316888	4.80	cps
Indium	115-1	5114112	5156055	5118873	5129680	0.45	cps
Indium	115-2	199244	217630	219035	211970	5.21	cps
Iron	56-2	11944	11800	12072	11939	1.14	cps
Iron	57-2	311	378	272	320	16.66	cps
Lead	206-1	8503	8270	8320	8364	1.47	cps
Lead	207-1	6958	7452	7163	7191	3.46	cps
Lead	208-1	33085	32522	32550	32719	0.97	cps
Lithium	6-1	763492	765098	769394	765995	0.40	cps
Magnesium	24-2	49287	48894	49278	49153	0.46	cps
Manganese	55-2	723	737	717	726	1.40	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01LX5	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-27 22:19:52	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	342	375	347	7.33	cps
Molybdenum	95-1	325	225	342	297	21.23	cps
Molybdenum	96-1	208	433	275	306	37.82	cps
Molybdenum	97-1	242	167	208	206	18.28	cps
Molybdenum	98-1	533	417	450	467	12.88	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	883	813	790	829	5.86	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	8078	8286	8403	8256	2.00	cps
Rhodium	103-1	4704417	4728644	4684821	4705961	0.47	cps
Rhodium	103-2	1117743	1214195	1219321	1183753	4.83	cps
Scandium	45-1	2784166	2769195	2774526	2775962	0.27	cps
Scandium	45-2	19774	21644	21730	21049	5.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-39	-56	-75	-57	-31.89	cps
Silicon	28-1	2136515	2132811	2139598	2136308	0.16	cps
Silver	109-1	392	275	350	339	17.45	cps
Silver	107-1	308	417	317	347	17.36	cps
Sodium	23-2	450181	442960	438977	444039	1.28	cps
Strontium	86-1	38589	37812	39291	38564	1.92	cps
Strontium	88-1	334509	335902	339470	336627	0.76	cps
Sulfur	34-1	363110	364829	364588	364176	0.26	cps
Terbium	159-1	6774300	6787993	6866470	6809588	0.73	cps
Terbium	159-2	1202237	1309249	1308714	1273400	4.84	cps
Thallium	203-1	67	58	50	58	14.29	cps
Thallium	205-1	183	200	183	189	5.10	cps
Tin	118-1	1575	1675	1959	1736	11.45	cps
Titanium	47-1	158	183	133	158	15.79	cps
Uranium	238-1	650	608	683	647	5.81	cps
Vanadium	51-2	40	7	20	22	75.49	cps
Yttrium	89-1	5170043	5180243	5210923	5187070	0.41	cps
Yttrium	89-2	144734	155772	157034	152513	4.44	cps
Zinc	66-2	4634	4708	4814	4719	1.92	cps
Zirconium	90-1	442	358	525	442	18.87	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01LX5	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-27 22:19:52	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	92	83	81	15.80	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MS	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:23:03	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9245	8720	9112	9025	3.03	cps
Antimony	121-1	6130876	5944117	5990750	6021914	1.61	cps
Arsenic	75-2	69418	68424	68472	68771	0.81	cps
Barium	135-1	413065	407519	407555	409380	0.78	cps
Barium	137-1	722904	714121	717184	718070	0.62	cps
Beryllium	9-1	184844	183252	181333	183143	0.96	cps
Bismuth	209-1	4887896	4788300	4848960	4841718	1.04	cps
Bismuth	209-2	1159214	1146535	1148569	1151439	0.59	cps
Boron	10-1	32646	33097	33398	33047	1.14	cps
Boron	11-1	151737	149647	153564	151649	1.29	cps
Cadmium	111-1	340824	337304	335312	337813	0.83	cps
Cadmium	106-1	30594	31245	30727	30856	1.12	cps
Cadmium	108-1	22365	22181	22035	22193	0.74	cps
Calcium	43-1	622670	619245	614816	618910	0.64	cps
Calcium	44-1	10270785	10110029	10054456	10145090	1.11	cps
Chromium	52-2	255997	253702	253677	254459	0.52	cps
Cobalt	59-2	279759	279251	275772	278261	0.78	cps
Copper	63-2	813919	804076	800839	806278	0.84	cps
Dysprosium	156-1	238701	237896	241260	239286	0.73	cps
Dysprosium	156-2	5101	4974	4974	5017	1.46	cps
Erbium	164-1	75	92	75	81	11.95	cps
Erbium	164-2	10	33	10	18	75.77	cps
Gadolinium	160-1	133	67	192	131	47.91	cps
Gadolinium	160-2	3	17	20	13	66.16	cps
Holmium	165-1	7170253	7144044	7162432	7158910	0.19	cps
Holmium	165-2	1419108	1398431	1394071	1403870	0.95	cps
Indium	115-1	5407814	5341785	5366065	5371888	0.62	cps
Indium	115-2	216609	214541	214286	215145	0.59	cps
Iron	56-2	1375874	1364197	1357817	1365963	0.67	cps
Iron	57-2	34476	34343	34866	34562	0.79	cps
Lead	206-1	5537235	5489846	5529723	5518935	0.46	cps
Lead	207-1	5006496	4948857	4974152	4976501	0.58	cps
Lead	208-1	22532421	22313529	22394004	22413318	0.49	cps
Lithium	6-1	831235	827742	828368	829115	0.22	cps
Magnesium	24-2	304302	302436	299867	302202	0.74	cps
Manganese	55-2	39523	39693	39600	39605	0.22	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MS	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:23:03	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	729298	725467	717567	724111	0.83	cps
Molybdenum	95-1	1277863	1273376	1259319	1270186	0.76	cps
Molybdenum	96-1	1383781	1365406	1359304	1369497	0.93	cps
Molybdenum	97-1	801721	799537	793310	798189	0.55	cps
Molybdenum	98-1	2106313	2079945	2119670	2101976	0.96	cps
Neodymium	150-1	67	47	53	56	18.33	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	210771	209186	207129	209029	0.87	cps
Phosphorus	31-2	2142	1975	2009	2042	4.32	cps
Potassium	39-2	157313	154548	154312	155391	1.07	cps
Rhodium	103-1	4904136	4988364	4949917	4947473	0.85	cps
Rhodium	103-2	1253744	1244849	1244991	1247861	0.41	cps
Scandium	45-1	2987261	2900265	2891992	2926506	1.80	cps
Scandium	45-2	21700	22064	22061	21942	0.95	cps
Selenium	77-2	1167	1123	1143	1145	1.90	cps
Selenium	78-2	3988	3932	4121	4014	2.42	cps
Selenium	82-1	212941	213375	210893	212403	0.62	cps
Silicon	28-1	12311008	12103201	11910568	12108259	1.65	cps
Silver	109-1	579830	575944	575868	577214	0.39	cps
Silver	107-1	612207	604243	600537	605663	0.98	cps
Sodium	23-2	2450484	2428849	2422268	2433867	0.61	cps
Strontium	86-1	604801	601275	599426	601834	0.45	cps
Strontium	88-1	5340096	5321173	5280545	5313938	0.57	cps
Sulfur	34-1	420257	414640	413689	416195	0.85	cps
Terbium	159-1	7275125	7347708	7299503	7307446	0.51	cps
Terbium	159-2	1365728	1365251	1347457	1359479	0.77	cps
Thallium	203-1	13434470	13464477	13347293	13415413	0.45	cps
Thallium	205-1	31749609	31850667	31972941	31857739	0.35	cps
Tin	118-1	3903868	3842171	3828511	3858183	1.04	cps
Titanium	47-1	161883	158943	160309	160378	0.92	cps
Uranium	238-1	2592	2876	2875	2781	5.88	cps
Vanadium	51-2	142594	139028	139749	140457	1.34	cps
Yttrium	89-1	5521306	5520993	5479223	5507174	0.44	cps
Yttrium	89-2	159357	158773	160051	159394	0.40	cps
Zinc	66-2	47327	46816	46806	46983	0.64	cps
Zirconium	90-1	3601	3567	3217	3462	6.14	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MS	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:23:03	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1308	1033	1075	1139	13.01	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MSD	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:26:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8853	9220	8711	8928	2.94	cps
Antimony	121-1	6115039	6052612	5933088	6033580	1.53	cps
Arsenic	75-2	68487	67899	66870	67752	1.21	cps
Barium	135-1	413721	413057	412951	413243	0.10	cps
Barium	137-1	721116	717768	718305	719063	0.25	cps
Beryllium	9-1	184231	181968	179522	181907	1.29	cps
Bismuth	209-1	4915474	4844820	4865652	4875315	0.74	cps
Bismuth	209-2	1143516	1139224	1137235	1139992	0.28	cps
Boron	10-1	33323	33231	33565	33373	0.52	cps
Boron	11-1	153774	154322	156908	155002	1.08	cps
Cadmium	111-1	339677	336711	337776	338055	0.44	cps
Cadmium	106-1	30486	31137	31271	30964	1.36	cps
Cadmium	108-1	22306	22636	22031	22324	1.36	cps
Calcium	43-1	618323	613565	615695	615861	0.39	cps
Calcium	44-1	10103229	9988625	10021401	10037752	0.59	cps
Chromium	52-2	251612	251618	251014	251415	0.14	cps
Cobalt	59-2	275730	275866	274731	275442	0.23	cps
Copper	63-2	805784	796879	792769	798477	0.83	cps
Dysprosium	156-1	240188	241900	237941	240009	0.83	cps
Dysprosium	156-2	4981	4828	5061	4957	2.39	cps
Erbium	164-1	58	75	33	56	37.75	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	108	133	100	114	15.23	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	7178488	7158185	7114094	7150256	0.46	cps
Holmium	165-2	1398138	1380528	1378092	1385586	0.79	cps
Indium	115-1	5422820	5413613	5359275	5398569	0.64	cps
Indium	115-2	215169	209410	210833	211804	1.42	cps
Iron	56-2	1360442	1351584	1341198	1351075	0.71	cps
Iron	57-2	33758	33591	33624	33658	0.26	cps
Lead	206-1	5606994	5564894	5590259	5587382	0.38	cps
Lead	207-1	5048149	4997308	5002713	5016057	0.56	cps
Lead	208-1	22627683	22518155	22668955	22604931	0.34	cps
Lithium	6-1	841666	841369	844487	842507	0.20	cps
Magnesium	24-2	299162	296167	293461	296263	0.96	cps
Manganese	55-2	39623	39599	38674	39299	1.38	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MSD	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:26:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	728581	726107	728763	727817	0.20	cps
Molybdenum	95-1	1266183	1277147	1267748	1270359	0.47	cps
Molybdenum	96-1	1379706	1370867	1363247	1371273	0.60	cps
Molybdenum	97-1	803262	804559	797804	801875	0.45	cps
Molybdenum	98-1	2132824	2125754	2103615	2120731	0.72	cps
Neodymium	150-1	27	53	47	42	32.87	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	210638	207700	207592	208643	0.83	cps
Phosphorus	31-2	2175	2175	2125	2159	1.34	cps
Potassium	39-2	155888	151720	153285	153631	1.37	cps
Rhodium	103-1	4927830	4930598	4910714	4923047	0.22	cps
Rhodium	103-2	1239519	1225551	1227614	1230894	0.61	cps
Scandium	45-1	2876052	2845409	2880889	2867450	0.67	cps
Scandium	45-2	21811	21623	21881	21772	0.61	cps
Selenium	77-2	1147	1223	1167	1179	3.37	cps
Selenium	78-2	3980	3860	3919	3920	1.54	cps
Selenium	82-1	211703	212152	211597	211817	0.14	cps
Silicon	28-1	12184224	11972693	11983548	12046822	0.99	cps
Silver	109-1	581873	578462	579282	579872	0.31	cps
Silver	107-1	610276	608130	604714	607707	0.46	cps
Sodium	23-2	2411127	2383000	2407733	2400620	0.64	cps
Strontium	86-1	603681	601472	597227	600793	0.55	cps
Strontium	88-1	5294613	5277560	5240971	5271048	0.52	cps
Sulfur	34-1	406884	405092	403815	405263	0.38	cps
Terbium	159-1	7248797	7298324	7256442	7267855	0.37	cps
Terbium	159-2	1351779	1341465	1340150	1344465	0.47	cps
Thallium	203-1	13509499	13491866	13485263	13495543	0.09	cps
Thallium	205-1	32331447	32195632	32348519	32291866	0.26	cps
Tin	118-1	3888022	3896571	3883879	3889490	0.17	cps
Titanium	47-1	159590	160561	156540	158897	1.32	cps
Uranium	238-1	2642	2901	3242	2928	10.28	cps
Vanadium	51-2	140577	138675	137231	138827	1.21	cps
Yttrium	89-1	5562823	5525552	5500017	5529464	0.57	cps
Yttrium	89-2	159242	156440	156360	157347	1.04	cps
Zinc	66-2	46076	45749	46026	45950	0.38	cps
Zirconium	90-1	2550	2200	2009	2253	12.19	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01MSD	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:26:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	967	1000	850	939	8.39	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01A	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:29:17	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8737	8453	9037	8742	3.34	cps
Antimony	121-1	6013567	6005979	5982750	6000765	0.27	cps
Arsenic	75-2	67836	67510	67350	67565	0.37	cps
Barium	135-1	415499	410264	411333	412365	0.67	cps
Barium	137-1	720963	717960	718010	718978	0.24	cps
Beryllium	9-1	181518	181722	180792	181344	0.27	cps
Bismuth	209-1	4883273	4931309	4861814	4892132	0.73	cps
Bismuth	209-2	1139447	1138514	1129700	1135887	0.47	cps
Boron	10-1	33732	33306	35720	34253	3.76	cps
Boron	11-1	156131	154618	158088	156279	1.11	cps
Cadmium	111-1	340567	343052	341553	341724	0.37	cps
Cadmium	106-1	30870	31839	31697	31469	1.66	cps
Cadmium	108-1	22269	22214	21901	22128	0.90	cps
Calcium	43-1	618365	614786	614258	615803	0.36	cps
Calcium	44-1	10138828	10058737	10017215	10071594	0.61	cps
Chromium	52-2	251833	251706	248645	250728	0.72	cps
Cobalt	59-2	276811	273647	275134	275197	0.58	cps
Copper	63-2	797605	789807	794088	793833	0.49	cps
Dysprosium	156-1	239941	241215	240774	240643	0.27	cps
Dysprosium	156-2	4888	4798	4984	4890	1.91	cps
Erbium	164-1	58	100	117	92	32.77	cps
Erbium	164-2	20	10	3	11	75.52	cps
Gadolinium	160-1	117	158	133	136	15.41	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	7215699	7145546	7167395	7176214	0.50	cps
Holmium	165-2	1386769	1390395	1372251	1383138	0.69	cps
Indium	115-1	5447603	5391497	5374065	5404388	0.71	cps
Indium	115-2	212373	210887	210869	211376	0.41	cps
Iron	56-2	1349178	1335442	1339886	1341502	0.52	cps
Iron	57-2	34059	33669	34688	34139	1.51	cps
Lead	206-1	5620722	5654134	5606816	5627224	0.43	cps
Lead	207-1	5051428	5039057	4999170	5029885	0.54	cps
Lead	208-1	22883211	22770773	22661929	22771971	0.49	cps
Lithium	6-1	848815	851173	855379	851789	0.39	cps
Magnesium	24-2	299077	296221	292398	295899	1.13	cps
Manganese	55-2	38590	38169	38954	38571	1.02	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01A	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:29:17	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	727433	721072	727212	725239	0.50	cps
Molybdenum	95-1	1279185	1284521	1287286	1283664	0.32	cps
Molybdenum	96-1	1370762	1364840	1371065	1368889	0.26	cps
Molybdenum	97-1	795743	800609	793036	796462	0.48	cps
Molybdenum	98-1	2114646	2109391	2120414	2114817	0.26	cps
Neodymium	150-1	47	80	33	53	45.07	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	207488	205315	205536	206113	0.58	cps
Phosphorus	31-2	2092	2025	1825	1981	7.01	cps
Potassium	39-2	151567	149662	149814	150348	0.70	cps
Rhodium	103-1	4934834	4911757	4945617	4930736	0.35	cps
Rhodium	103-2	1232255	1232595	1218515	1227788	0.65	cps
Scandium	45-1	2879245	2873213	2883961	2878806	0.19	cps
Scandium	45-2	21403	20886	21206	21165	1.23	cps
Selenium	77-2	1060	1143	1260	1155	8.70	cps
Selenium	78-2	3799	3845	3888	3844	1.16	cps
Selenium	82-1	212286	212994	212027	212436	0.24	cps
Silicon	28-1	12030287	11979440	11932496	11980741	0.41	cps
Silver	109-1	586417	582869	585788	585025	0.32	cps
Silver	107-1	605682	608632	607672	607329	0.25	cps
Sodium	23-2	2405549	2360205	2353231	2372995	1.20	cps
Strontium	86-1	602584	593220	599470	598425	0.80	cps
Strontium	88-1	5291576	5259762	5289205	5280181	0.34	cps
Sulfur	34-1	405391	401337	401686	402805	0.56	cps
Terbium	159-1	7408615	7360718	7378994	7382776	0.33	cps
Terbium	159-2	1349071	1338753	1336269	1341364	0.51	cps
Thallium	203-1	13546216	13716323	13639997	13634179	0.62	cps
Thallium	205-1	32402214	32403987	32338513	32381572	0.12	cps
Tin	118-1	3874243	3898180	3913243	3895222	0.50	cps
Titanium	47-1	157408	159113	159138	158553	0.63	cps
Uranium	238-1	2809	2750	2675	2745	2.44	cps
Vanadium	51-2	139691	138577	139174	139147	0.40	cps
Yttrium	89-1	5549409	5481983	5461684	5497692	0.84	cps
Yttrium	89-2	157367	155998	155038	156134	0.75	cps
Zinc	66-2	46187	46304	46203	46231	0.14	cps
Zirconium	90-1	1992	2292	2234	2173	7.32	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	I6217-01A	Instrumnet Name :	P8
Client Sample ID :	33HY03AC-FL2BBA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:29:17	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	900	950	1058	970	8.35	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:32:24	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221300	210465	216370	216045	2.51	cps
Antimony	121-1	3844791	3827575	3852064	3841477	0.33	cps
Arsenic	75-2	40531	38175	39354	39353	2.99	cps
Barium	135-1	4031541	4057728	4057870	4049046	0.37	cps
Barium	137-1	6948919	7001522	6964474	6971638	0.39	cps
Beryllium	9-1	435091	436515	440474	437360	0.64	cps
Bismuth	209-1	4437023	4417471	4397677	4417390	0.45	cps
Bismuth	209-2	1037316	984795	1016908	1013006	2.61	cps
Boron	10-1	51736	52865	54270	52957	2.40	cps
Boron	11-1	242856	247164	247321	245780	1.03	cps
Cadmium	111-1	775611	771079	769888	772193	0.39	cps
Cadmium	106-1	81186	79820	79484	80163	1.12	cps
Cadmium	108-1	53815	53865	53908	53863	0.09	cps
Calcium	43-1	3693115	3681173	3728583	3700957	0.67	cps
Calcium	44-1	59959133	60387660	59979793	60108862	0.40	cps
Chromium	52-2	302295	289139	297542	296325	2.25	cps
Cobalt	59-2	643638	611240	626490	627123	2.58	cps
Copper	63-2	1115630	1054683	1082927	1084413	2.81	cps
Dysprosium	156-1	83	150	75	103	40.00	cps
Dysprosium	156-2	20	3	13	12	68.66	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	20	7	17	14	48.02	cps
Gadolinium	160-1	33	92	58	61	47.89	cps
Gadolinium	160-2	10	20	3	11	75.52	cps
Holmium	165-1	6754843	6682437	6683782	6707021	0.62	cps
Holmium	165-2	1321192	1249147	1290056	1286798	2.81	cps
Indium	115-1	4971258	4973909	4928186	4957784	0.52	cps
Indium	115-2	201760	190674	197374	196603	2.84	cps
Iron	56-2	49832187	47077336	48700284	48536602	2.85	cps
Iron	57-2	1249314	1188234	1223609	1220386	2.51	cps
Lead	206-1	2579112	2542625	2529317	2550351	1.01	cps
Lead	207-1	2335415	2310904	2331606	2325975	0.57	cps
Lead	208-1	10439621	10358620	10361484	10386575	0.44	cps
Lithium	6-1	757187	752673	756358	755406	0.32	cps
Magnesium	24-2	5243539	4900136	5160072	5101249	3.51	cps
Manganese	55-2	170965	160912	166906	166261	3.04	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:32:24	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2885586	2878203	2871279	2878356	0.25	cps
Molybdenum	95-1	1539186	1524604	1535626	1533139	0.50	cps
Molybdenum	96-1	2027562	2002972	2014273	2014936	0.61	cps
Molybdenum	97-1	945085	940121	937374	940860	0.42	cps
Molybdenum	98-1	2495280	2457280	2483770	2478777	0.79	cps
Neodymium	150-1	213	187	180	193	9.12	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	190558	179156	184829	184848	3.08	cps
Phosphorus	31-2	3592	3192	3442	3409	5.93	cps
Potassium	39-2	1513641	1409475	1448490	1457202	3.61	cps
Rhodium	103-1	4476853	4474553	4464495	4471967	0.15	cps
Rhodium	103-2	1116816	1066354	1098893	1094021	2.34	cps
Scandium	45-1	2755998	2776785	2756163	2762982	0.43	cps
Scandium	45-2	21230	20065	20809	20701	2.85	cps
Selenium	77-2	287	267	290	281	4.49	cps
Selenium	78-2	937	830	856	874	6.41	cps
Selenium	82-1	48325	48270	48218	48271	0.11	cps
Silicon	28-1	1677673	1703854	1690698	1690742	0.77	cps
Silver	109-1	3623402	3652969	3644188	3640186	0.42	cps
Silver	107-1	3766228	3753864	3758734	3759609	0.17	cps
Sodium	23-2	11955834	11239322	11678885	11624681	3.11	cps
Strontium	86-1	965817	967382	971526	968242	0.30	cps
Strontium	88-1	8506389	8468011	8455252	8476551	0.31	cps
Sulfur	34-1	546813	553869	556583	552422	0.91	cps
Terbium	159-1	6861447	6837829	6784071	6827782	0.58	cps
Terbium	159-2	1278259	1209214	1247703	1245059	2.78	cps
Thallium	203-1	3144122	3139030	3120885	3134679	0.39	cps
Thallium	205-1	7380559	7421189	7276203	7359317	1.02	cps
Tin	118-1	2570394	2571438	2555494	2565775	0.35	cps
Titanium	47-1	377958	376826	380309	378364	0.47	cps
Uranium	238-1	10460191	10413519	10305141	10392950	0.77	cps
Vanadium	51-2	225014	212878	221607	219833	2.85	cps
Yttrium	89-1	5152383	5195851	5166909	5171714	0.43	cps
Yttrium	89-2	151142	143828	146102	147024	2.55	cps
Zinc	66-2	102794	97849	99678	100107	2.50	cps
Zirconium	90-1	5374552	5423831	5417512	5405298	0.50	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:32:24	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1188546	1193383	1186668	1189532	0.29	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:35:27	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	25	22	57.29	cps
Antimony	121-1	2692	2692	3117	2834	8.66	cps
Arsenic	75-2	9	11	4	8	48.07	cps
Barium	135-1	117	142	150	136	12.75	cps
Barium	137-1	317	383	208	303	29.17	cps
Beryllium	9-1	317	150	256	241	35.02	cps
Bismuth	209-1	4589024	4565875	4593175	4582691	0.32	cps
Bismuth	209-2	1099285	1030019	1086423	1071909	3.44	cps
Boron	10-1	2384	2192	2317	2298	4.24	cps
Boron	11-1	11622	10955	10221	10932	6.41	cps
Cadmium	111-1	828	772	875	825	6.30	cps
Cadmium	106-1	1033	917	1100	1017	9.13	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	1275	1092	1142	1170	8.10	cps
Calcium	44-1	15000	14299	15109	14803	2.97	cps
Chromium	52-2	597	603	643	614	4.11	cps
Cobalt	59-2	40	43	40	41	4.68	cps
Copper	63-2	290	343	377	337	12.99	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	6596687	6571980	6646492	6605053	0.57	cps
Holmium	165-2	1326305	1231455	1301802	1286521	3.83	cps
Indium	115-1	5206055	5161849	5123499	5163801	0.80	cps
Indium	115-2	213248	198423	210791	207487	3.83	cps
Iron	56-2	2395	2539	2767	2567	7.31	cps
Iron	57-2	83	39	106	76	44.71	cps
Lead	206-1	1328	1295	1333	1319	1.60	cps
Lead	207-1	1056	1289	1150	1165	10.08	cps
Lead	208-1	5134	5245	5051	5143	1.90	cps
Lithium	6-1	777882	779831	778625	778779	0.13	cps
Magnesium	24-2	175	217	250	214	17.57	cps
Manganese	55-2	10	13	33	19	66.81	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:35:27	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	342	375	403	19.55	cps
Molybdenum	95-1	333	242	225	267	21.88	cps
Molybdenum	96-1	425	400	358	394	8.54	cps
Molybdenum	97-1	167	242	167	192	22.59	cps
Molybdenum	98-1	575	408	375	453	23.67	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	63	47	51	20.96	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	2292	2350	2500	2381	4.51	cps
Rhodium	103-1	4736957	4747750	4768251	4750986	0.33	cps
Rhodium	103-2	1197640	1129570	1179393	1168868	3.01	cps
Scandium	45-1	2749672	2717913	2738526	2735371	0.59	cps
Scandium	45-2	21206	20542	20442	20730	2.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	-25	-61	24	-21	-204.96	cps
Silicon	28-1	323097	324209	325070	324126	0.31	cps
Silver	109-1	800	783	767	783	2.13	cps
Silver	107-1	783	850	750	795	6.41	cps
Sodium	23-2	7777	7819	8019	7872	1.64	cps
Strontium	86-1	567	508	550	542	5.55	cps
Strontium	88-1	500	517	425	481	10.16	cps
Sulfur	34-1	352951	346445	351429	350275	0.97	cps
Terbium	159-1	6832783	6771789	6821239	6808604	0.48	cps
Terbium	159-2	1285328	1199893	1260707	1248643	3.52	cps
Thallium	203-1	1625	1509	1509	1547	4.35	cps
Thallium	205-1	3901	3609	3326	3612	7.96	cps
Tin	118-1	883	1050	775	903	15.34	cps
Titanium	47-1	100	133	133	122	15.74	cps
Uranium	238-1	475	392	283	383	25.07	cps
Vanadium	51-2	10	20	17	16	32.73	cps
Yttrium	89-1	5174895	5175967	5120530	5157131	0.61	cps
Yttrium	89-2	152499	142554	149440	148164	3.44	cps
Zinc	66-2	47	17	43	36	46.24	cps
Zirconium	90-1	733	1025	750	836	19.59	cps

LB Number :	LB91182	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 22:35:27	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	183	133	167	17.32	cps