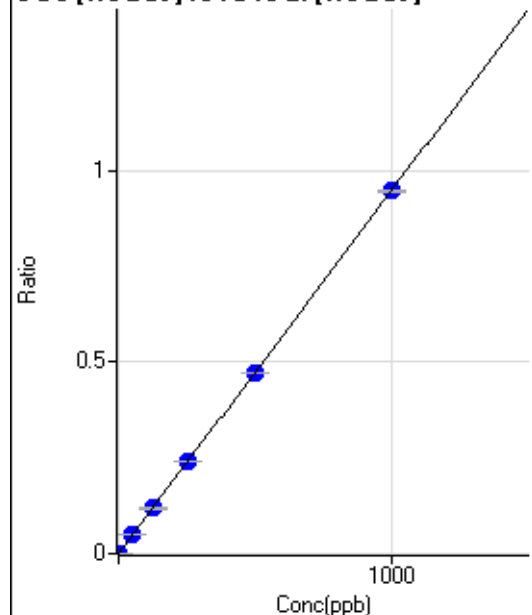


Batch Folder: D:\ICP-MS Data\P7110717 MS.b\
Analysis File: P7110717 MS.batch.bin
DA Date-Time: 2017-11-10 00:18:26
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-11-08 14:37:36
2			
3	005CALS.d	S02	2017-11-08 14:45:38
4	006CALS.d	S03	2017-11-08 14:49:29
5	007CALS.d	S04	2017-11-08 14:53:34
6	008CALS.d	S05	2017-11-08 14:57:19
7	009CALS.d	S06	2017-11-08 15:01:02
8	010CALS.d	S07	2017-11-08 15:04:44
9	011CALS.d	S08	2017-11-08 15:08:27

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.82	0.0000	P	57.1
2	☐	0.100					
3	☐	1.000	0.913	1557.53	0.0009	P	5.4
4	☐	50.000	51.305	83851.08	0.0486	P	0.5
5	☐	125.000	125.005	205024.83	0.1184	P	1.2
6	☐	250.000	252.995	409653.28	0.2396	P	0.8
7	☐	500.000	499.462	801000.29	0.4730	P	0.2
8	☐	1000.000	999.455	1580959.86	0.9465	P	0.3
9	☐			551.88	0.0003	P	6.7

$$y = 9.4698\text{E-}004 * x + 3.8002\text{E-}005$$

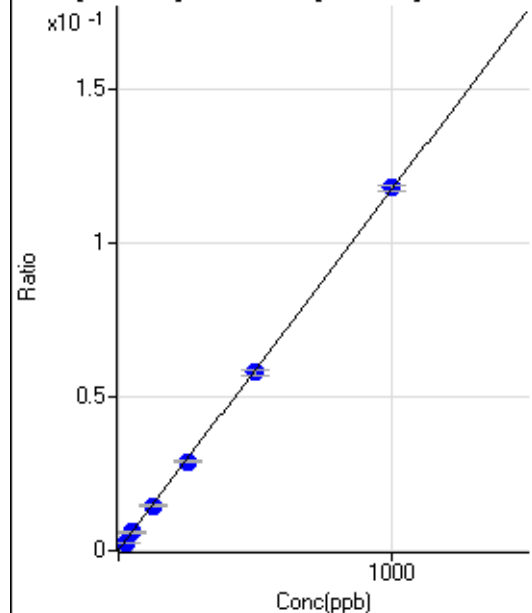
$$R = 1.0000$$

$$DL = 0.06868$$

$$BEC = 0.04013$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.24	0.0002	P	20.8
2	☐	2.500					
3	☐	25.000	21.177	4553.65	0.0026	P	4.6
4	☐	50.000	49.489	10273.29	0.0060	P	3.0
5	☐	125.000	121.650	24952.10	0.0144	P	4.1
6	☐	250.000	245.668	49484.76	0.0289	P	3.1
7	☐	500.000	492.582	97988.82	0.0579	P	2.8
8	☐	1000.000	1005.332	197002.17	0.1179	P	1.4
9	☐			7479.95	0.0047	P	11.7

$$y = 1.1716\text{E-}004 * x + 1.5963\text{E-}004$$

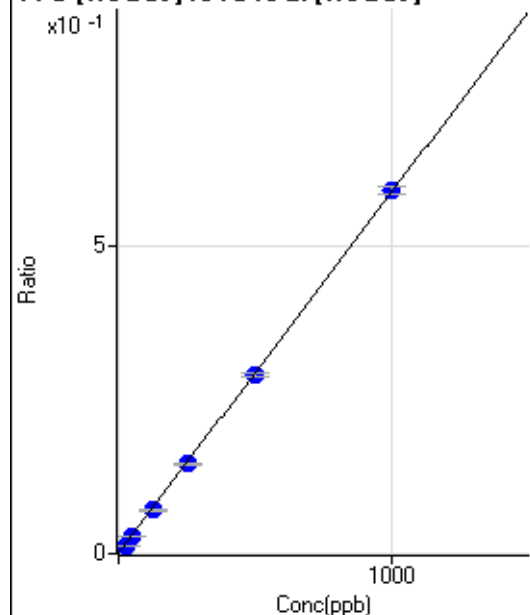
$$R = 0.9999$$

$$DL = 0.8521$$

$$BEC = 1.363$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1536.27	0.0009	P	4.3
2	☐	2.500					
3	☐	25.000	21.078	22837.38	0.0132	P	3.8
4	☐	50.000	48.121	50139.92	0.0291	P	2.4
5	☐	125.000	119.831	123039.33	0.0711	P	2.8
6	☐	250.000	246.715	248500.39	0.1454	P	2.6
7	☐	500.000	494.644	491942.90	0.2905	P	2.0
8	☐	1000.000	1004.337	983802.17	0.5890	P	2.2
9	☐			36826.85	0.0232	P	11.8

$$y = 5.8552E-004 * x + 9.0078E-004$$

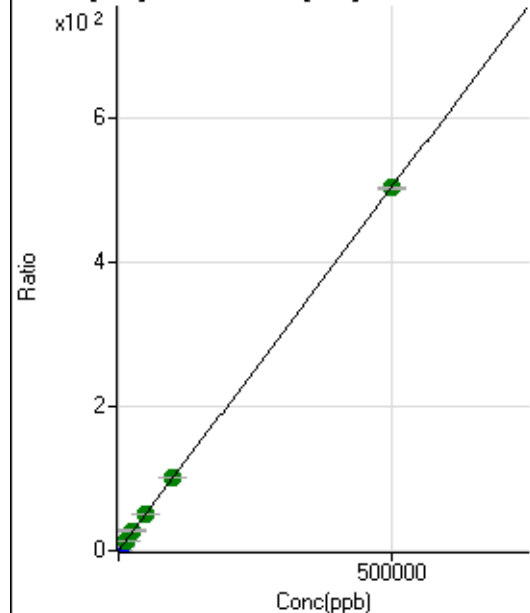
$$R = 1.0000$$

$$DL = 0.1998$$

$$BEC = 1.538$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18517.69	0.0454	P	0.8
2	☐	50.000					
3	☐	500.000	459.747	208050.94	0.5081	P	0.9
4	☐	5000.000	5215.313	2148741.76	5.2945	P	0.9
5	☐	12500.000	12926.640	5304014.31	13.0558	A	0.7
6	☐	25000.000	26780.749	10639258.23	26.9998	A	8.1
7	☐	50000.000	51036.427	21205302.56	51.4127	A	0.5
8	☐	100000.00	100471.35	42720192.28	101.1682	A	0.1
9	☐	500000.00	499700.27	212495693.6	502.9855	A	0.7

$$y = 0.0010 * x + 0.0454$$

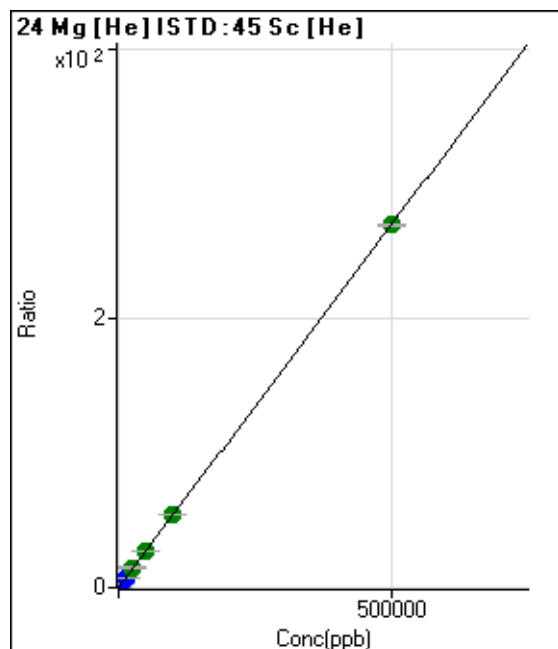
$$R = 1.0000$$

$$DL = 1.138$$

$$BEC = 45.1$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2105.80	0.0052	P	4.7
2	☐	50.000					
3	☐	500.000	465.507	104934.75	0.2563	P	0.9
4	☐	5000.000	5275.581	1157127.37	2.8512	P	0.8
5	☐	12500.000	13029.738	2857738.30	7.0344	P	1.0
6	☐	25000.000	26967.893	5733796.22	14.5537	A	8.5
7	☐	50000.000	51070.217	11365687.58	27.5563	A	0.2
8	☐	100000.00	100425.23	22879137.14	54.1820	A	0.3
9	☐	500000.00	499693.57	113890470.6	269.5772	A	0.6

$$y = 5.3947\text{E-}004 * x + 0.0052$$

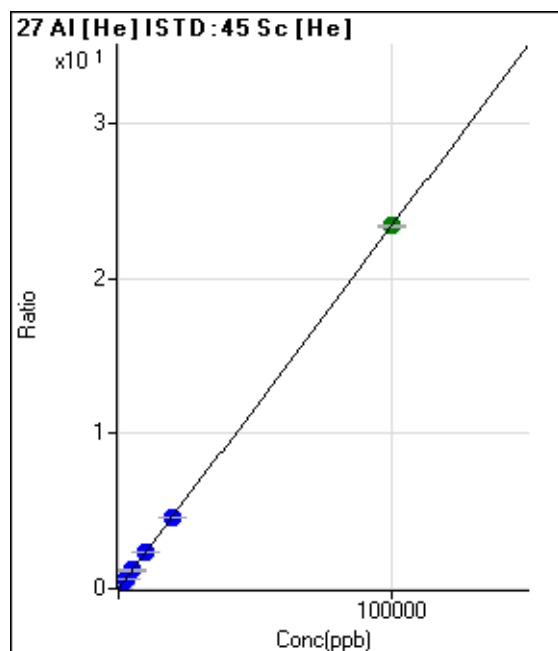
$$R = 1.0000$$

$$DL = 1.361$$

$$BEC = 9.571$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0002	P	25.3
2	☐	2.000					
3	☐	20.000	18.840	1900.21	0.0046	P	7.2
4	☐	1000.000	1013.397	96220.57	0.2371	P	0.7
5	☐	2500.000	2525.540	239898.18	0.5905	P	0.4
6	☐	5000.000	5208.470	479679.92	1.2176	P	8.5
7	☐	10000.000	9920.726	956426.63	2.3189	P	0.7
8	☐	20000.000	19491.703	1923768.53	4.5558	P	0.1
9	☐	100000.00	100098.39	9883982.60	23.3950	A	0.6

$$y = 2.3372\text{E-}004 * x + 2.3856\text{E-}004$$

$$R = 1.0000$$

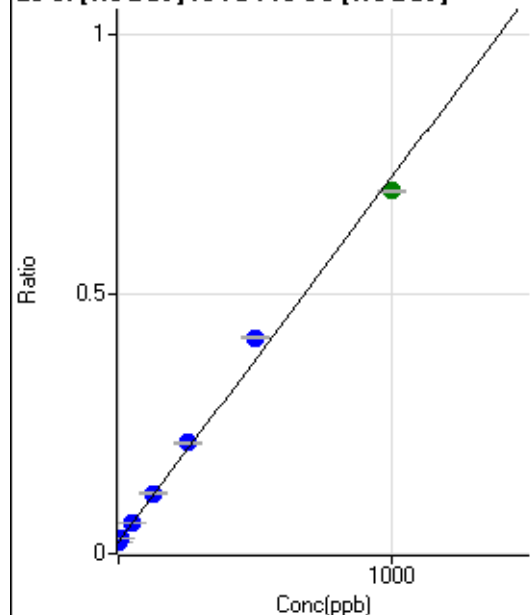
$$DL = 0.7744$$

$$BEC = 1.021$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225674.03	0.0227	P	3.7
2	☐	1.000					
3	☐	10.000	11.687	306789.02	0.0309	P	0.5
4	☐	50.000	53.237	590145.30	0.0600	P	0.7
5	☐	125.000	133.483	1149955.32	0.1162	P	1.2
6	☐	250.000	273.391	2117645.75	0.2142	P	1.9
7	☐	500.000	559.175	4090660.33	0.4145	P	0.8
8	☐	1000.000	963.326	6984055.89	0.6976	A	0.5
9	☐			1482180.47	0.1517	P	0.8

$$y = 7.0061\text{E-}004 * x + 0.0227$$

$$R = 0.9970$$

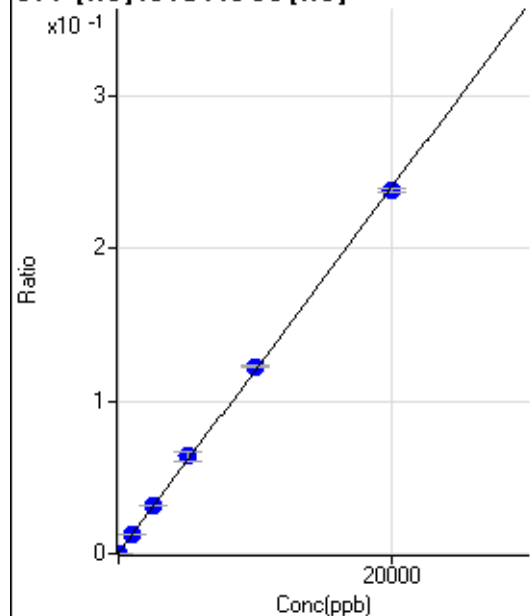
$$DL = 3.604$$

$$BEC = 32.39$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	1.195	186.12	0.0005	P	32.9
2	☐	0.000					
3	☐	0.000	-1.195	175.01	0.0004	P	33.9
4	☐	1000.000	1023.092	5153.88	0.0127	P	5.2
5	☐	2500.000	2578.138	12728.14	0.0313	P	2.5
6	☐	5000.000	5293.983	25158.14	0.0639	P	8.7
7	☐	10000.000	10199.185	50578.40	0.1226	P	0.5
8	☐	20000.000	19815.990	100436.85	0.2378	P	1.0
9	☐			263.91	0.0006	P	10.6

$$y = 1.1980\text{E-}005 * x + 4.4137\text{E-}004$$

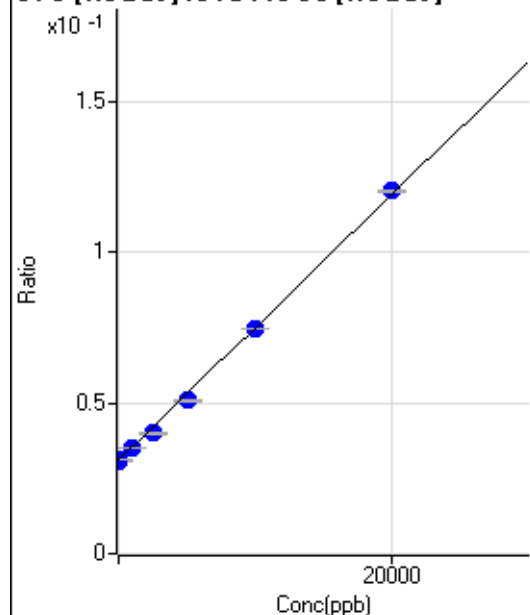
$$R = 0.9998$$

$$DL = 36.94$$

$$BEC = 36.84$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-79.568	304727.55	0.0306	P	1.1
2	☐	0.000					
3	☐	0.000	79.568	311359.49	0.0313	P	0.8
4	☐	1000.000	897.103	343714.88	0.0349	P	1.1
5	☐	2500.000	2008.033	394155.79	0.0398	P	0.2
6	☐	5000.000	4491.097	501839.13	0.0508	P	1.0
7	☐	10000.000	9851.022	733991.67	0.0744	P	0.2
8	☐	20000.000	20268.355	1203724.61	0.1202	P	0.5
9	☐			274140.56	0.0281	P	0.6

$$y = 4.4031\text{E-}006 * x + 0.0310$$

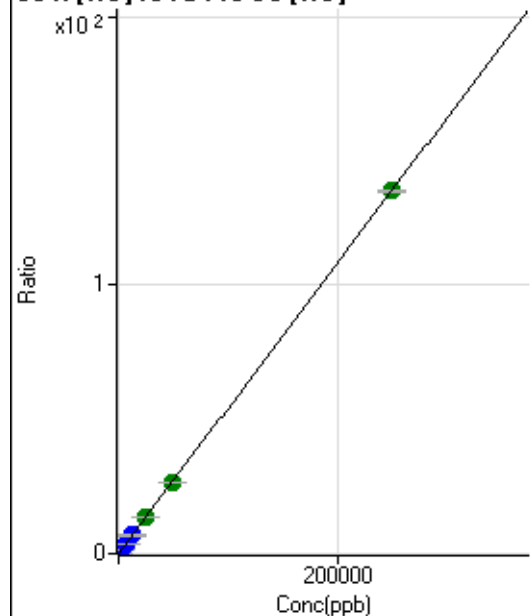
$$R = 0.9994$$

$$DL = 199.4$$

$$BEC = 7039$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21441.29	0.0526	P	3.7
2	☐	50.000					
3	☐	500.000	442.167	119259.33	0.2913	P	1.5
4	☐	2500.000	2502.743	569641.96	1.4036	P	0.9
5	☐	6250.000	6186.231	1378064.66	3.3921	P	0.7
6	☐	12500.000	13029.709	2792153.51	7.0864	P	8.2
7	☐	25000.000	24826.152	5549302.43	13.4544	A	0.4
8	☐	50000.000	49119.960	11219142.61	26.5689	A	0.2
9	☐	250000.00	250168.59	57076490.17	135.1003	A	0.4

$$y = 5.3983\text{E-}004 * x + 0.0526$$

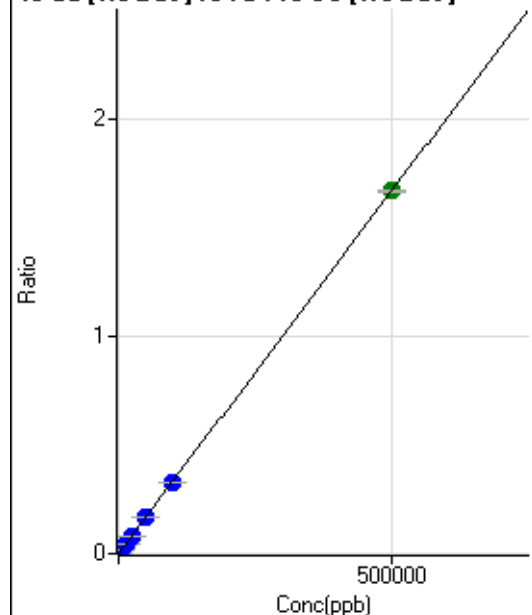
$$R = 1.0000$$

$$DL = 10.87$$

$$BEC = 97.38$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1155.65	0.0001	P	2.1
2	☐	50.000					
3	☐	500.000	432.076	15497.52	0.0016	P	3.8
4	☐	5000.000	5051.981	167184.44	0.0170	P	1.1
5	☐	12500.000	12419.736	411762.60	0.0416	P	0.4
6	☐	25000.000	24957.776	825525.82	0.0835	P	0.2
7	☐	50000.000	49546.939	1635075.65	0.1657	P	0.2
8	☐	100000.00	98811.762	3306347.47	0.3303	P	1.0
9	☐	500000.00	500286.62	16330440.29	1.6717	A	0.7

$$y = 3.3412\text{E-}006 * x + 1.1621\text{E-}004$$

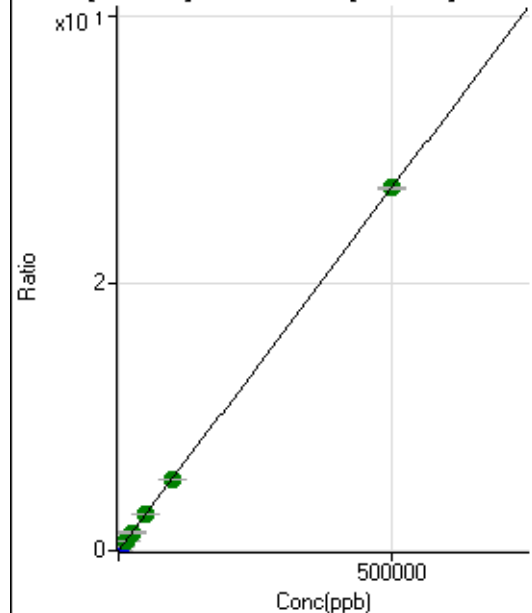
$$R = 1.0000$$

$$DL = 2.207$$

$$BEC = 34.78$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86391.06	0.0087	P	0.7
2	☐	50.000					
3	☐	500.000	432.729	319279.78	0.0321	P	0.3
4	☐	5000.000	5021.118	2762291.21	0.2808	P	0.6
5	☐	12500.000	12336.499	6701631.44	0.6773	A	0.5
6	☐	25000.000	24911.051	13431121.13	1.3588	A	1.4
7	☐	50000.000	49446.704	26535005.28	2.6885	A	0.2
8	☐	100000.00	98087.675	53306784.53	5.3246	A	0.5
9	☐	500000.00	500446.18	265039561.4	27.1307	A	0.5

$$y = 5.4196\text{E-}005 * x + 0.0087$$

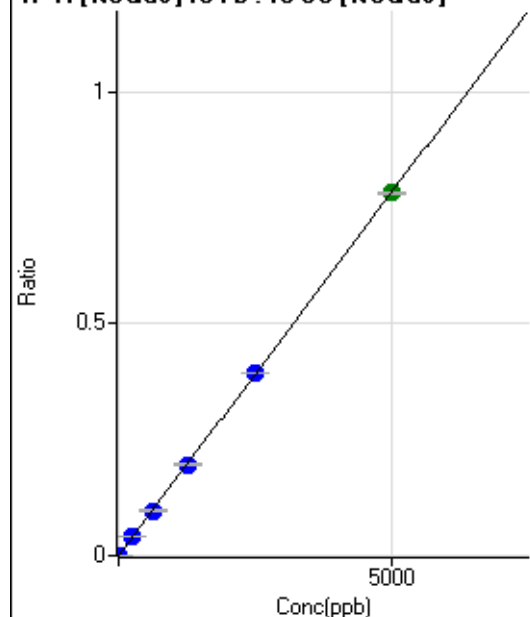
$$R = 1.0000$$

$$DL = 3.132$$

$$BEC = 160.3$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	17.9
2	☐	0.500					
3	☐	5.000	4.436	7090.90	0.0007	P	0.5
4	☐	250.000	252.082	388706.96	0.0395	P	0.3
5	☐	625.000	622.037	964568.46	0.0975	P	0.3
6	☐	1250.000	1255.693	1944900.76	0.1968	P	1.7
7	☐	2500.000	2504.984	3873911.80	0.3925	P	0.2
8	☐	5000.000	4996.352	7837326.56	0.7828	A	0.6
9	☐			2164.14	0.0002	P	2.4

$$y = 1.5668\text{E-}004 * x + 1.8710\text{E-}005$$

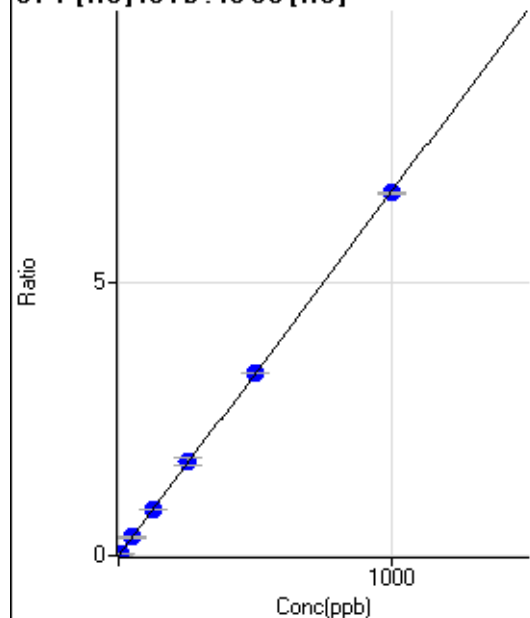
$$R = 1.0000$$

$$DL = 0.06395$$

$$BEC = 0.1194$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	21.6
2	☐	0.500					
3	☐	5.000	4.500	12261.92	0.0299	P	1.0
4	☐	50.000	50.276	135694.78	0.3344	P	1.1
5	☐	125.000	125.676	339533.83	0.8358	P	0.7
6	☐	250.000	260.341	682153.28	1.7313	P	8.3
7	☐	500.000	501.407	1375280.22	3.3344	P	0.1
8	☐	1000.000	996.615	2798623.29	6.6275	P	0.2
9	☐			584.46	0.0014	P	7.3

$$y = 0.0066 * x + 2.1791\text{E-}005$$

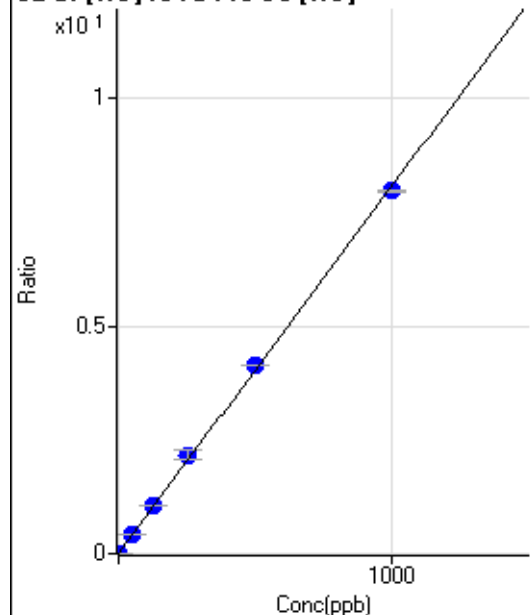
$$R = 0.9999$$

$$DL = 0.002119$$

$$BEC = 0.003277$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1944.60	0.0048	P	5.5
2	☐	0.200					
3	☐	2.000	1.876	8135.68	0.0199	P	1.0
4	☐	50.000	52.443	173265.73	0.4269	P	0.7
5	☐	125.000	129.934	426870.13	1.0507	P	0.5
6	☐	250.000	269.049	855303.97	2.1706	P	8.1
7	☐	500.000	512.377	1703186.69	4.1294	P	0.3
8	☐	1000.000	988.311	3361619.15	7.9607	P	0.5
9	☐			42668.43	0.1010	P	0.8

$$y = 0.0080 * x + 0.0048$$

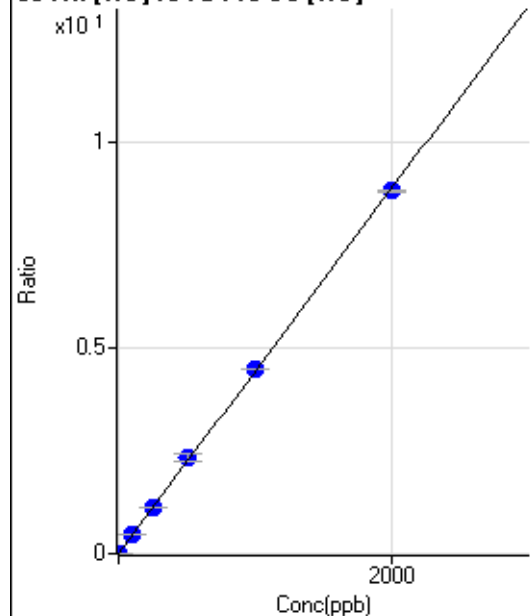
$$R = 0.9997$$

$$DL = 0.0981$$

$$BEC = 0.5923$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	74.44	0.0002	P	42.1
2	☐	0.100					
3	☐	1.000	0.950	1800.14	0.0044	P	4.0
4	☐	100.000	103.720	186826.37	0.4603	P	0.7
5	☐	250.000	254.040	457945.26	1.1272	P	0.5
6	☐	500.000	530.734	927842.82	2.3548	P	8.2
7	☐	1000.000	1009.018	1846407.77	4.4767	P	0.6
8	☐	2000.000	1987.116	3722745.60	8.8160	P	0.2
9	☐			10821.89	0.0256	P	1.2

$$y = 0.0044 * x + 1.8273E-004$$

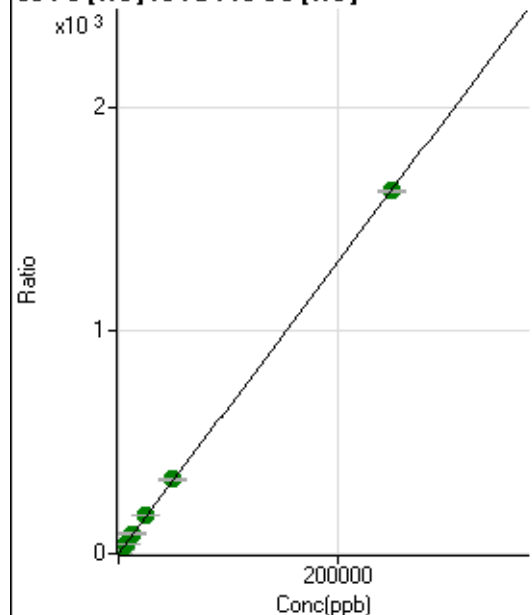
$$R = 0.9999$$

$$DL = 0.05207$$

$$BEC = 0.04119$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4804.62	0.0118	P	3.6
2	☐	5.000					
3	☐	50.000	47.734	131979.99	0.3223	P	0.5
4	☐	2500.000	2668.108	7049950.45	17.3709	A	0.4
5	☐	6250.000	6573.213	17379060.34	42.7780	A	0.4
6	☐	12500.000	13652.740	34998720.92	88.8384	A	8.5
7	☐	25000.000	25946.313	69630978.41	168.8222	A	0.6
8	☐	50000.000	50976.032	140051279.9	331.6690	A	0.4
9	☐	250000.00	249642.76	686191970.8	1,624.222	A	0.4

$$y = 0.0065 * x + 0.0118$$

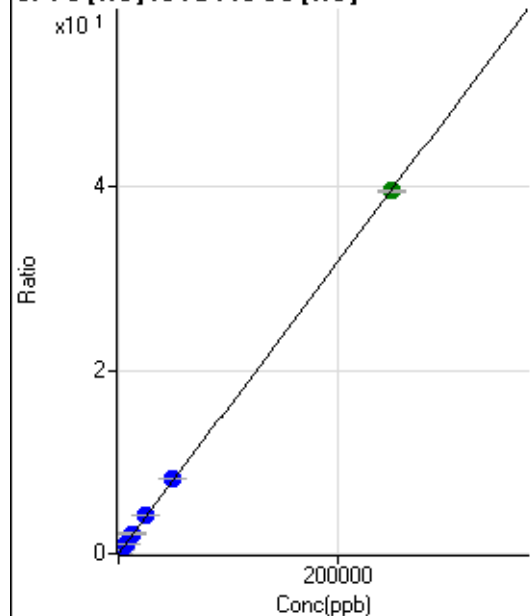
$$R = 1.0000$$

$$DL = 0.1969$$

$$BEC = 1.81$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	175.93	0.0004	P	19.0
2	☐	5.000					
3	☐	50.000	49.094	3365.30	0.0082	P	4.9
4	☐	2500.000	2693.278	173555.80	0.4276	P	0.7
5	☐	6250.000	6639.145	428014.90	1.0535	P	0.9
6	☐	12500.000	13734.379	858502.83	2.1790	P	8.4
7	☐	25000.000	26064.655	1705430.58	4.1349	P	0.7
8	☐	50000.000	51532.389	3451825.63	8.1746	P	0.4
9	☐	250000.00	249513.67	16721224.57	39.5788	A	0.6

$$y = 1.5862E-004 * x + 4.3111E-004$$

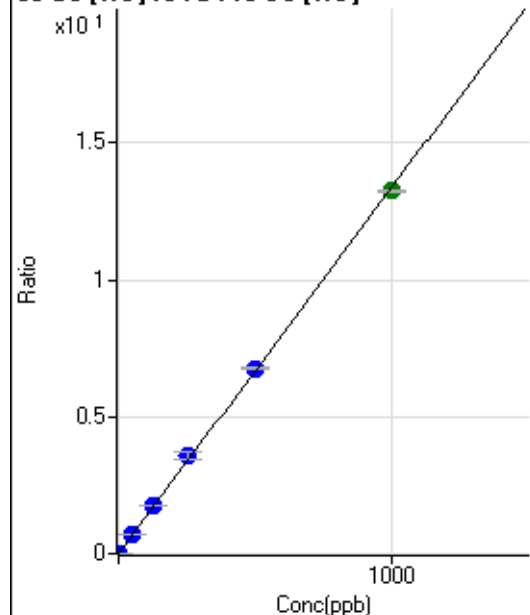
$$R = 1.0000$$

$$DL = 1.553$$

$$BEC = 2.718$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	203.34	0.0005	P	17.0
2	☐	0.100					
3	☐	1.000	0.933	5306.59	0.0130	P	2.0
4	☐	50.000	52.414	284331.52	0.7006	P	0.9
5	☐	125.000	129.230	701465.35	1.7266	P	0.5
6	☐	250.000	267.172	1406079.11	3.5692	P	8.6
7	☐	500.000	506.629	2791306.94	6.7676	P	0.8
8	☐	1000.000	991.743	5593738.39	13.2474	A	0.8
9	☐			6569.35	0.0156	P	1.8

$$y = 0.0134 * x + 4.9876E-004$$

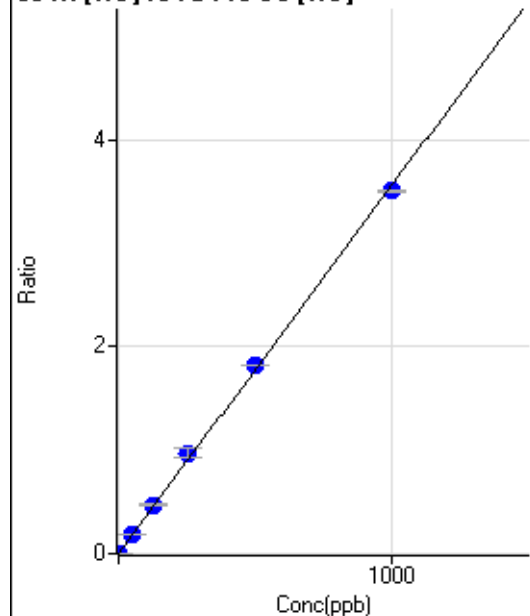
$$R = 0.9998$$

$$DL = 0.0191$$

$$BEC = 0.03734$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	226.67	0.0006	P	9.7
2	☐	0.100					
3	☐	1.000	1.007	1691.24	0.0041	P	3.4
4	☐	50.000	54.133	78249.62	0.1928	P	1.4
5	☐	125.000	132.721	191721.71	0.4719	P	0.9
6	☐	250.000	274.078	383741.13	0.9740	P	8.3
7	☐	500.000	513.178	751969.80	1.8232	P	0.1
8	☐	1000.000	986.220	1479269.80	3.5032	P	0.4
9	☐			14952.25	0.0354	P	0.4

$$y = 0.0036 * x + 5.5549E-004$$

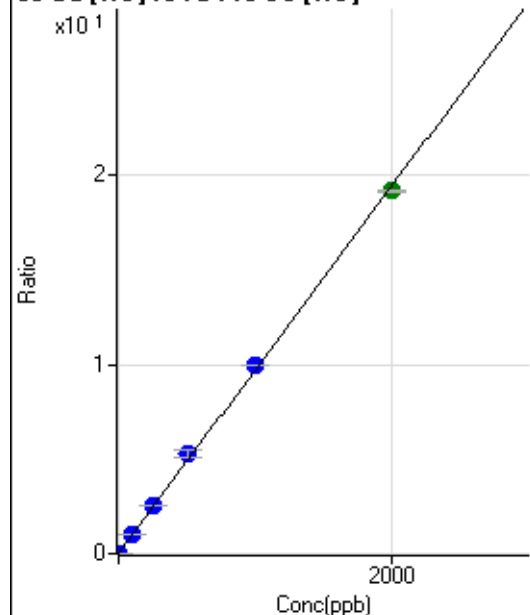
$$R = 0.9995$$

$$DL = 0.04558$$

$$BEC = 0.1564$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3247.08	0.0080	P	2.6
2	☐	0.200					
3	☐	2.000	1.886	10758.53	0.0263	P	0.6
4	☐	100.000	107.244	425838.75	1.0493	P	0.9
5	☐	250.000	262.782	1039817.80	2.5595	P	0.8
6	☐	500.000	543.989	2083837.23	5.2900	P	8.7
7	☐	1000.000	1023.228	4101152.51	9.9433	P	0.3
8	☐	2000.000	1975.429	8102708.35	19.1890	A	0.6
9	☐			14971.18	0.0354	P	0.5

$$y = 0.0097 * x + 0.0080$$

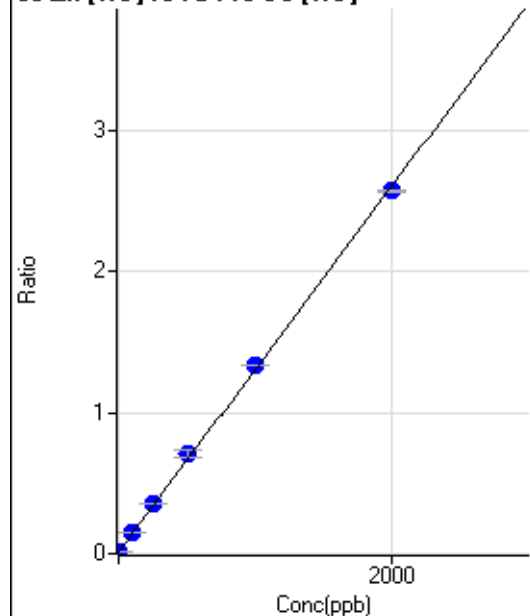
$$R = 0.9996$$

$$DL = 0.06336$$

$$BEC = 0.8198$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3918.36	0.0096	P	0.8
2	☐	0.200					
3	☐	2.000	2.387	5199.90	0.0127	P	4.2
4	☐	100.000	106.836	60134.40	0.1482	P	0.5
5	☐	250.000	264.466	143252.71	0.3526	P	0.4
6	☐	500.000	541.453	280538.13	0.7119	P	7.9
7	☐	1000.000	1022.215	550790.97	1.3354	P	0.3
8	☐	2000.000	1976.379	1086449.07	2.5729	P	0.5
9	☐			6790.58	0.0161	P	0.9

$$y = 0.0013 * x + 0.0096$$

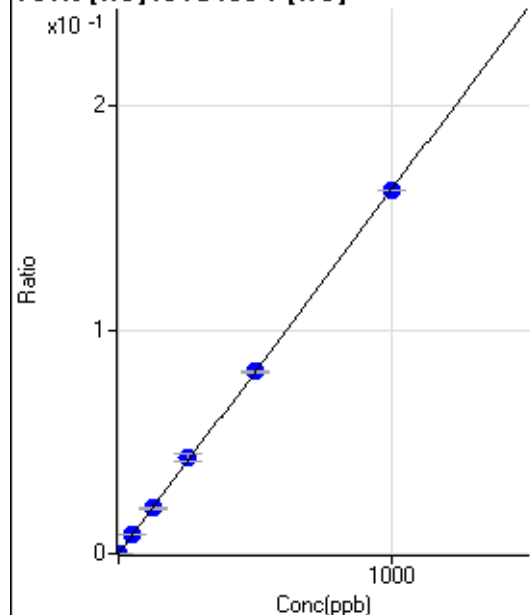
$$R = 0.9997$$

$$DL = 0.1667$$

$$BEC = 7.406$$

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	17.90	0.0000	P	6.2
2	☐	0.100					
3	☐	1.000	0.930	374.08	0.0002	P	6.7
4	☐	50.000	50.354	19239.34	0.0082	P	0.6
5	☐	125.000	124.461	47455.39	0.0202	P	0.6
6	☐	250.000	263.115	96208.97	0.0428	P	8.1
7	☐	500.000	499.818	192719.94	0.0813	P	0.5
8	☐	1000.000	996.862	391061.06	0.1621	P	0.2
9	☐			172.22	0.0001	P	10.7

$$y = 1.6260\text{E-}004 * x + 7.6212\text{E-}006$$

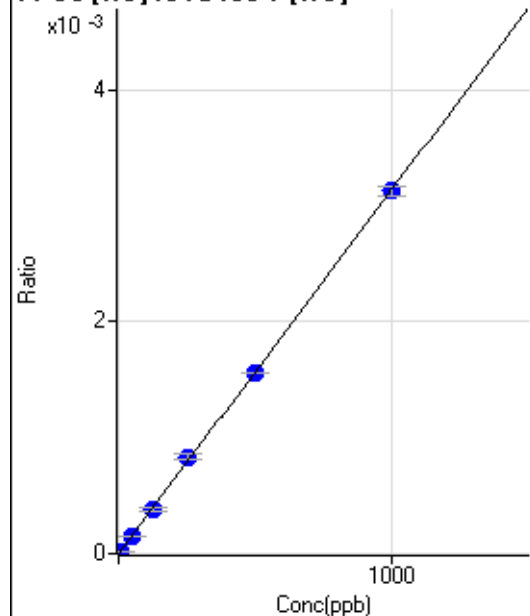
$$R = 0.9999$$

$$DL = 0.008754$$

$$BEC = 0.04687$$

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	7.234	53.33	0.0000	P	6.2
4	☐	50.000	48.656	357.79	0.0002	P	5.8
5	☐	125.000	123.161	904.49	0.0004	P	8.6
6	☐	250.000	264.879	1867.93	0.0008	P	5.8
7	☐	500.000	497.350	3693.87	0.0016	P	0.8
8	☐	1000.000	997.891	7540.96	0.0031	P	2.4
9	☐			7.78	0.0000	P	65.5

$$y = 3.1323\text{E-}006 * x + 0.0000\text{E+}000$$

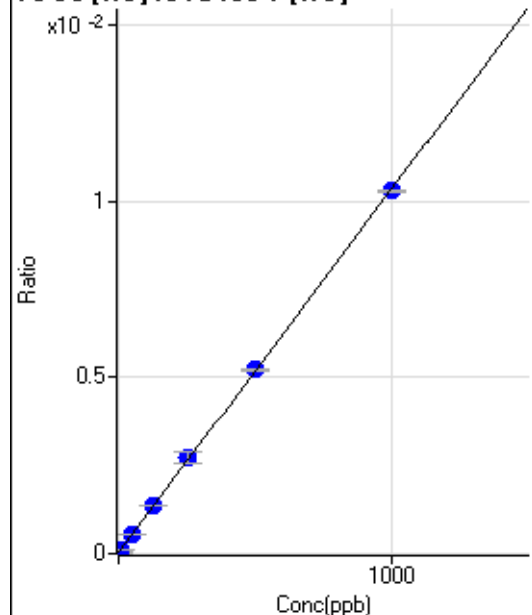
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	70.37	0.0000	P	38.0
2	☐	0.500					
3	☐	5.000	5.510	204.32	0.0001	P	8.5
4	☐	50.000	51.604	1320.44	0.0006	P	3.8
5	☐	125.000	127.978	3165.81	0.0014	P	0.8
6	☐	250.000	261.616	6129.74	0.0027	P	10.4
7	☐	500.000	502.479	12365.24	0.0052	P	0.5
8	☐	1000.000	995.402	24852.18	0.0103	P	0.7
9	☐			82.10	0.0000	P	10.4

$$y = 1.0319\text{E-}005 * x + 2.9937\text{E-}005$$

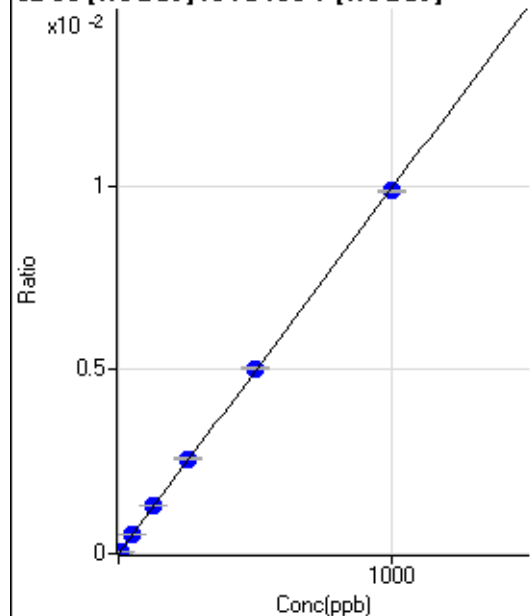
$$R = 0.9999$$

$$DL = 3.307$$

$$BEC = 2.901$$

Weight: <None>

Min Conc: 0

82 Se [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.57	0.0000	P	129.
2	☐	0.500					
3	☐	5.000	4.698	832.64	0.0000	P	5.3
4	☐	50.000	52.205	8948.89	0.0005	P	2.5
5	☐	125.000	129.624	22245.21	0.0013	P	0.5
6	☐	250.000	259.011	44404.09	0.0026	P	1.4
7	☐	500.000	507.143	87331.94	0.0050	P	0.6
8	☐	1000.000	993.489	173707.68	0.0099	P	0.2
9	☐			73.70	0.0000	P	122.

$$y = 9.9372\text{E-}006 * x + 1.1729\text{E-}006$$

$$R = 0.9999$$

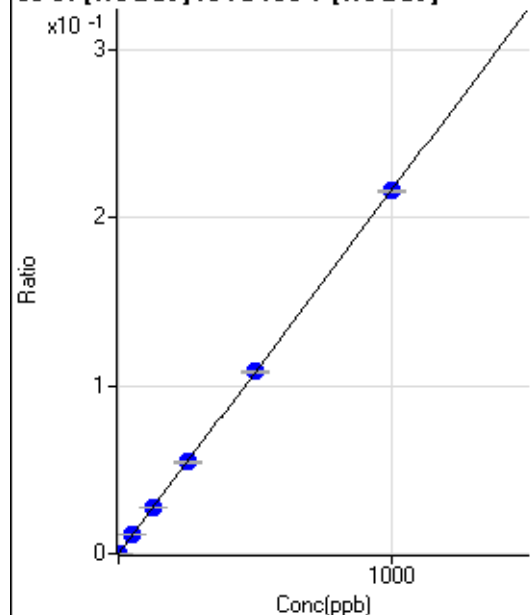
$$DL = 0.4568$$

$$BEC = 0.118$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	802.84	0.0000	P	9.1
2	☐	0.100					
3	☐	1.000	0.959	4403.66	0.0003	P	1.4
4	☐	50.000	51.193	191090.74	0.0111	P	0.6
5	☐	125.000	126.191	471035.81	0.0273	P	0.2
6	☐	250.000	252.895	942657.03	0.0547	P	1.5
7	☐	500.000	500.772	1874598.39	0.1082	P	0.4
8	☐	1000.000	998.682	3795395.57	0.2157	P	0.4
9	☐			127992.14	0.0076	P	0.5

$$y = 2.1597\text{E-}004 * x + 4.5911\text{E-}005$$

$$R = 1.0000$$

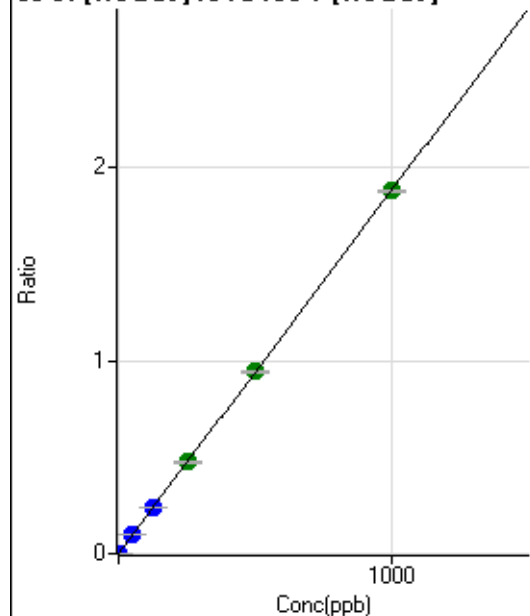
$$DL = 0.0583$$

$$BEC = 0.2126$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	713.94	0.0000	P	5.7
2	☐	0.100					
3	☐	1.000	0.914	30636.37	0.0018	P	2.0
4	☐	50.000	50.932	1650475.87	0.0959	P	0.3
5	☐	125.000	126.462	4107097.40	0.2380	P	0.7
6	☐	250.000	252.100	8182111.21	0.4745	A	1.4
7	☐	500.000	500.526	16320578.14	0.9420	A	0.5
8	☐	1000.000	998.983	33076232.34	1.8801	A	0.3
9	☐			1102028.61	0.0657	P	0.2

$$y = 0.0019 * x + 4.0827\text{E-}005$$

$$R = 1.0000$$

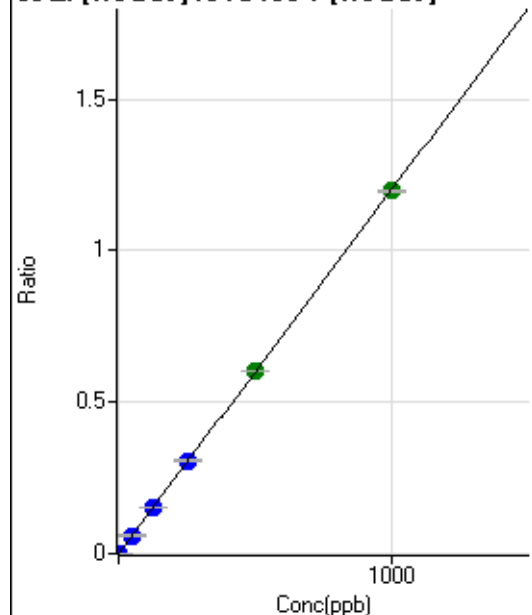
$$DL = 0.003678$$

$$BEC = 0.02169$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1127.87	0.0001	P	3.8
2	☐	0.100					
3	☐	1.000	0.857	19032.70	0.0011	P	1.7
4	☐	50.000	50.134	1036922.37	0.0602	P	0.2
5	☐	125.000	125.511	2600704.64	0.1507	P	0.4
6	☐	250.000	254.974	5279008.49	0.3061	P	1.6
7	☐	500.000	502.396	10449606.05	0.6031	A	0.3
8	☐	1000.000	997.488	21066732.41	1.1974	A	0.5
9	☐			4667.63	0.0003	P	2.5

$$y = 0.0012 * x + 6.4506E-005$$

$$R = 1.0000$$

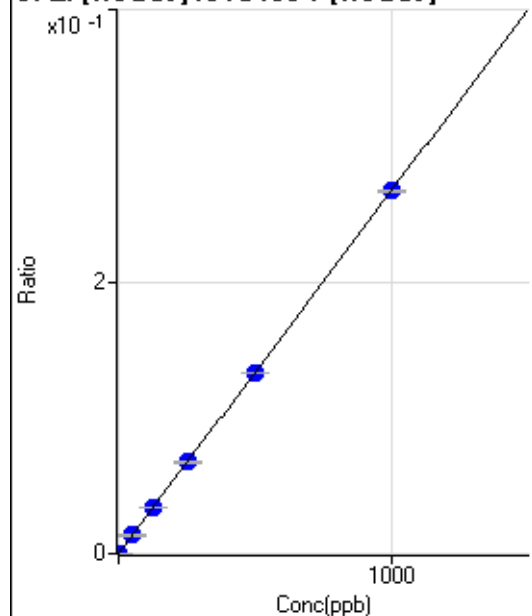
$$DL = 0.006062$$

$$BEC = 0.05374$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	280.57	0.0000	P	21.5
2	☐	0.100					
3	☐	1.000	0.882	4375.86	0.0003	P	4.3
4	☐	50.000	50.355	231710.62	0.0135	P	0.9
5	☐	125.000	125.321	577687.04	0.0335	P	0.6
6	☐	250.000	251.880	1160188.89	0.0673	P	0.8
7	☐	500.000	499.995	2313499.77	0.1335	P	0.2
8	☐	1000.000	999.475	4695766.25	0.2669	P	0.2
9	☐			1086.20	0.0001	P	7.0

$$y = 2.6704E-004 * x + 1.6048E-005$$

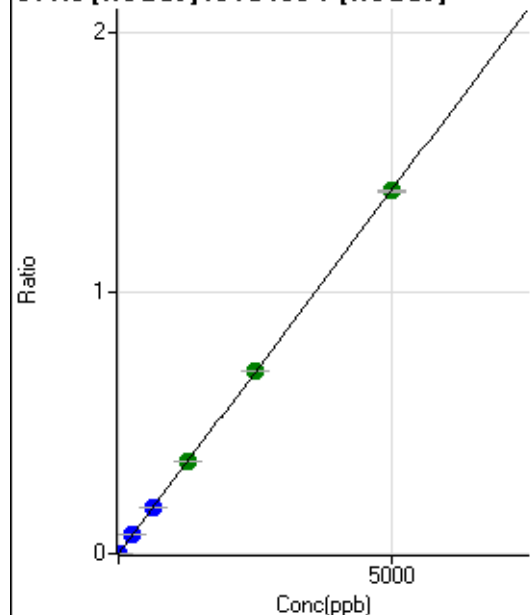
$$R = 1.0000$$

$$DL = 0.03882$$

$$BEC = 0.0601$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	519.47	0.0000	P	26.3
2	☐	0.500					
3	☐	5.000	4.351	21600.46	0.0012	P	1.7
4	☐	250.000	252.975	1213298.56	0.0705	P	0.8
5	☐	625.000	629.388	3025344.45	0.1753	P	0.1
6	☐	1250.000	1262.814	6066426.87	0.3518	A	0.5
7	☐	2500.000	2506.490	12096363.90	0.6982	A	0.1
8	☐	5000.000	4992.855	24467056.45	1.3907	A	0.4
9	☐			13768.29	0.0008	P	4.6

$$y = 2.7854E-004 * x + 2.9725E-005$$

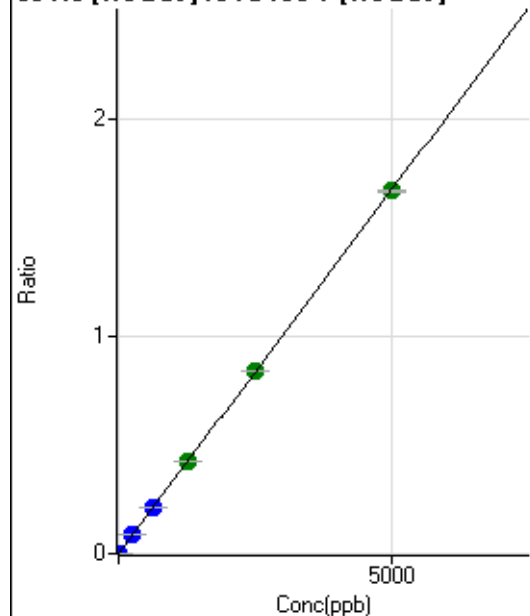
$$R = 1.0000$$

$$DL = 0.08406$$

$$BEC = 0.1067$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	6.5
2	☐	0.500					
3	☐	5.000	4.517	26450.38	0.0015	P	0.3
4	☐	250.000	253.744	1461249.99	0.0849	P	0.4
5	☐	625.000	631.213	3643760.71	0.2112	P	0.4
6	☐	1250.000	1263.504	7289591.92	0.4227	A	1.0
7	☐	2500.000	2514.042	14572003.45	0.8411	A	0.2
8	☐	5000.000	4988.640	29361626.35	1.6690	A	0.5
9	☐			20543.36	0.0012	P	8.3

$$y = 3.3455E-004 * x + 8.8982E-006$$

$$R = 1.0000$$

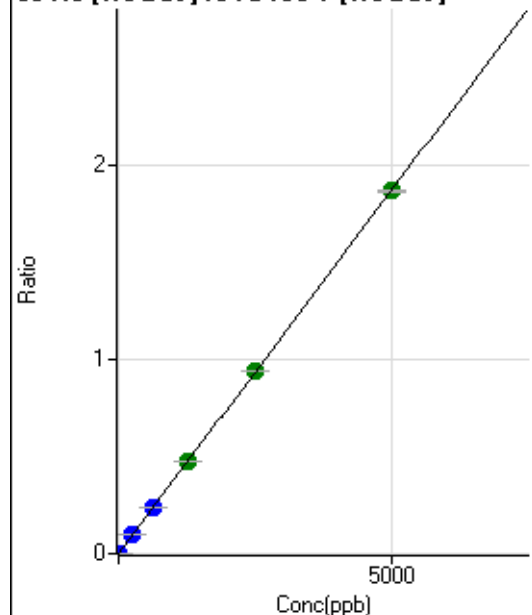
$$DL = 0.005177$$

$$BEC = 0.0266$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0000	P	40.9
2	☐	0.500					
3	☐	5.000	4.445	29141.75	0.0017	P	0.6
4	☐	250.000	252.452	1623828.25	0.0943	P	0.1
5	☐	625.000	633.699	4085814.72	0.2368	P	0.4
6	☐	1250.000	1265.332	8153526.57	0.4728	A	1.2
7	☐	2500.000	2505.223	16218440.81	0.9361	A	0.2
8	☐	5000.000	4992.346	32818459.07	1.8654	A	0.5
9	☐			27519.20	0.0016	P	4.4

$$y = 3.7366\text{E-}004 * x + 1.3967\text{E-}005$$

$$R = 1.0000$$

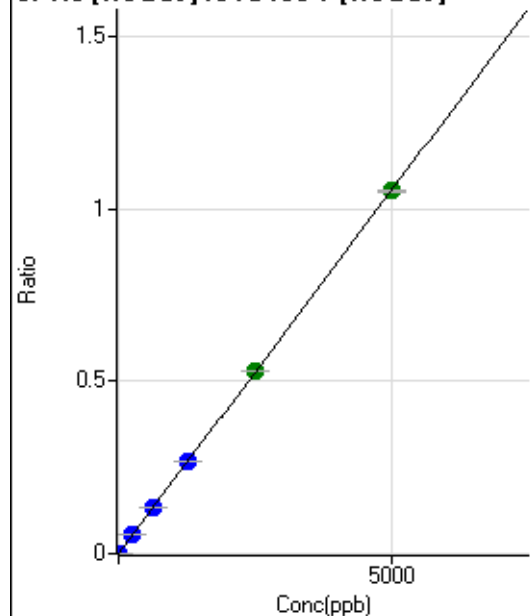
$$DL = 0.04581$$

$$BEC = 0.03738$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	48.1
2	☐	0.500					
3	☐	5.000	4.501	16565.82	0.0010	P	1.5
4	☐	250.000	252.063	913934.89	0.0531	P	0.3
5	☐	625.000	626.520	2277154.85	0.1320	P	0.3
6	☐	1250.000	1265.447	4596909.91	0.2666	P	0.7
7	☐	2500.000	2505.658	9144408.80	0.5278	A	0.3
8	☐	5000.000	4993.017	18503406.66	1.0518	A	0.2
9	☐			13039.86	0.0008	P	3.5

$$y = 2.1064\text{E-}004 * x + 4.1311\text{E-}006$$

$$R = 1.0000$$

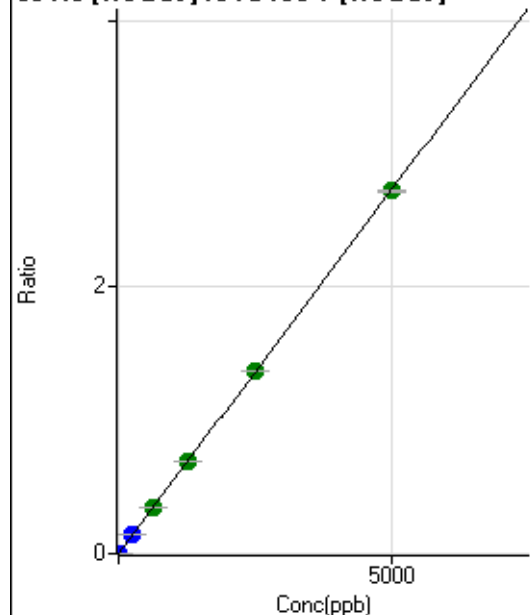
$$DL = 0.02832$$

$$BEC = 0.01961$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	241.68	0.0000	P	6.3
2	☐	0.500					
3	☐	5.000	4.524	43183.02	0.0025	P	0.9
4	☐	250.000	253.477	2380515.76	0.1383	P	0.4
5	☐	625.000	628.011	5912173.83	0.3427	A	0.5
6	☐	1250.000	1264.734	11899457.99	0.6900	A	1.3
7	☐	2500.000	2516.295	23785816.85	1.3729	A	0.2
8	☐	5000.000	4987.619	47873835.45	2.7212	A	0.6
9	☐			32746.94	0.0020	P	1.7

$$y = 5.4559\text{E-}004 * x + 1.3824\text{E-}005$$

$$R = 1.0000$$

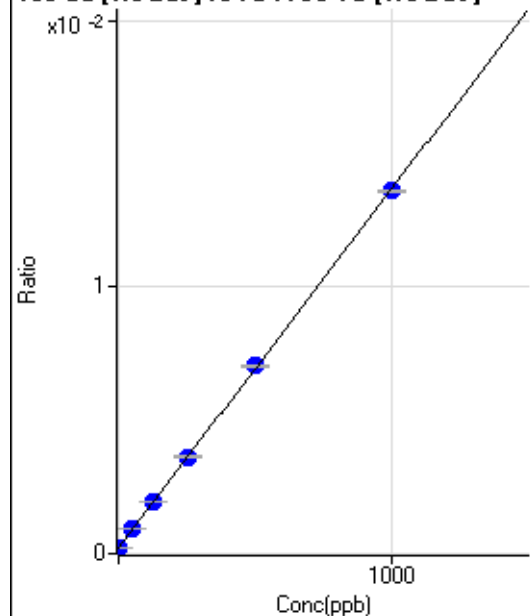
$$DL = 0.004795$$

$$BEC = 0.02534$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4923.30	0.0002	P	2.9
2	☐	0.100					
3	☐	1.000	0.695	5026.11	0.0002	P	3.7
4	☐	50.000	51.923	20549.03	0.0009	P	1.0
5	☐	125.000	128.209	43543.19	0.0019	P	1.2
6	☐	250.000	254.229	81006.69	0.0036	P	1.7
7	☐	500.000	506.630	156631.30	0.0070	P	1.1
8	☐	1000.000	995.131	306564.48	0.0136	P	0.3
9	☐			4517.60	0.0002	P	1.3

$$y = 1.3461\text{E-}005 * x + 2.1373\text{E-}004$$

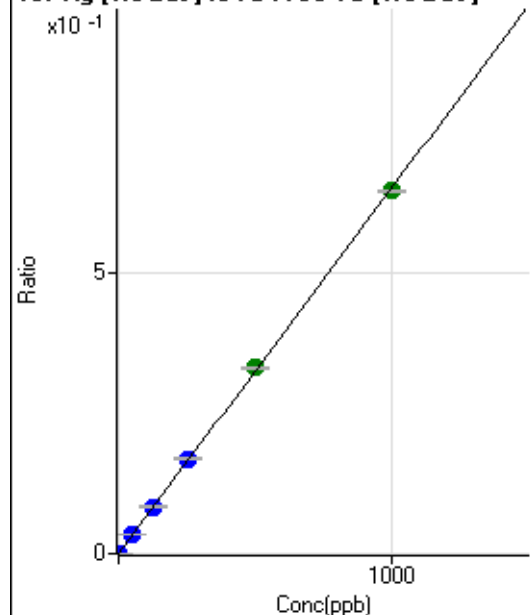
$$R = 1.0000$$

$$DL = 1.369$$

$$BEC = 15.88$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0000	P	22.7
2	☐	0.100					
3	☐	1.000	0.956	14146.51	0.0006	P	3.2
4	☐	50.000	51.981	759874.71	0.0338	P	0.2
5	☐	125.000	128.718	1875896.09	0.0836	P	1.4
6	☐	250.000	258.617	3740282.38	0.1679	P	1.9
7	☐	500.000	508.238	7347359.36	0.3299	A	0.4
8	☐	1000.000	993.163	14522627.76	0.6447	A	0.3
9	☐			2053.02	0.0001	P	9.0

$$y = 6.4915E-004 * x + 7.4755E-006$$

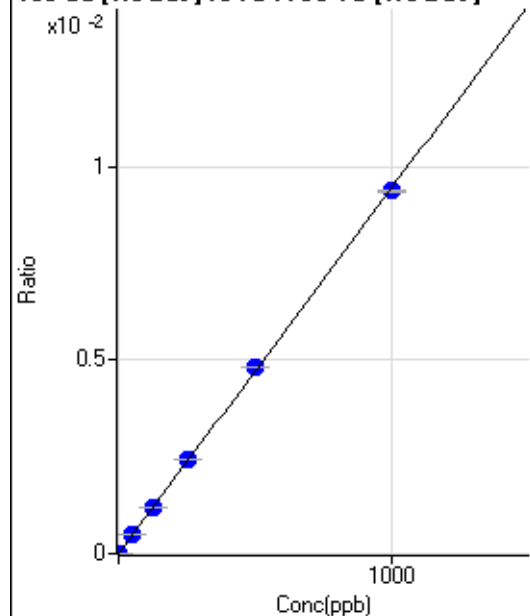
$$R = 0.9999$$

$$DL = 0.007846$$

$$BEC = 0.01152$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.28	0.0000	P	15.7
2	☐	0.100					
3	☐	1.000	0.830	191.67	0.0000	P	5.3
4	☐	50.000	51.966	11062.83	0.0005	P	2.6
5	☐	125.000	127.661	27076.10	0.0012	P	1.6
6	☐	250.000	257.349	54158.88	0.0024	P	1.1
7	☐	500.000	509.543	107167.88	0.0048	P	0.6
8	☐	1000.000	992.960	211218.80	0.0094	P	0.6
9	☐			52.78	0.0000	P	27.8

$$y = 9.4429E-006 * x + 6.6331E-007$$

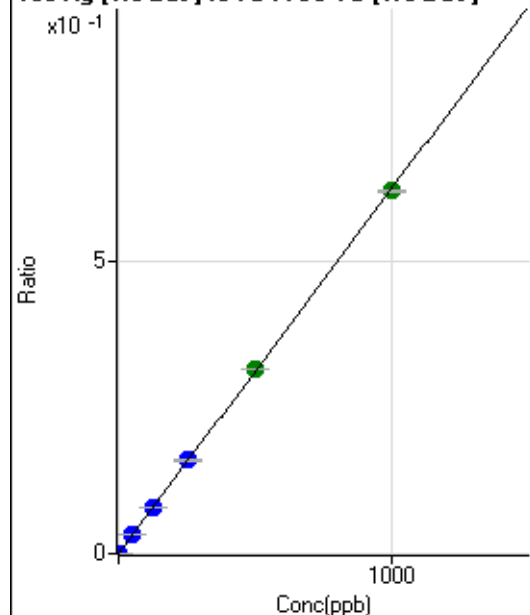
$$R = 0.9999$$

$$DL = 0.03309$$

$$BEC = 0.07025$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	30.7
2	☐	0.100					
3	☐	1.000	0.949	13443.07	0.0006	P	1.6
4	☐	50.000	51.579	722962.67	0.0321	P	0.7
5	☐	125.000	126.758	1771337.11	0.0789	P	0.9
6	☐	250.000	256.560	3557970.04	0.1597	P	1.7
7	☐	500.000	507.110	7029429.50	0.3157	A	0.4
8	☐	1000.000	994.506	13943899.09	0.6190	A	0.4
9	☐			1897.44	0.0001	P	15.1

$$y = 6.2245\text{E-}004 * x + 6.1517\text{E-}006$$

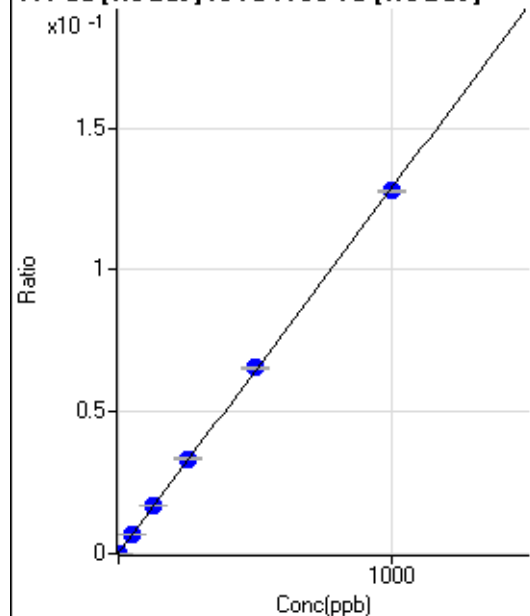
$$R = 0.9999$$

$$DL = 0.009093$$

$$BEC = 0.009883$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3466.16	0.0002	P	2.6
2	☐	0.100					
3	☐	1.000	0.927	6077.48	0.0003	P	1.2
4	☐	50.000	52.056	154091.60	0.0068	P	0.8
5	☐	125.000	129.170	376246.60	0.0168	P	0.5
6	☐	250.000	259.049	745461.31	0.0335	P	1.8
7	☐	500.000	508.114	1458364.34	0.0655	P	0.3
8	☐	1000.000	993.057	2879715.78	0.1278	P	0.8
9	☐			3583.73	0.0002	P	2.3

$$y = 1.2859\text{E-}004 * x + 1.5047\text{E-}004$$

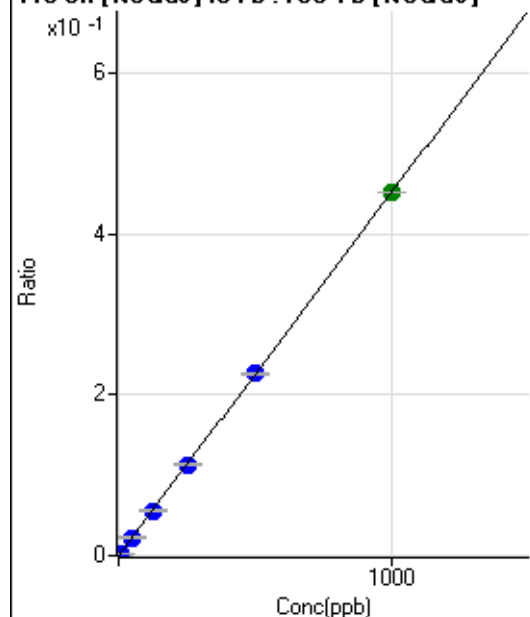
$$R = 0.9999$$

$$DL = 0.09076$$

$$BEC = 1.17$$

Weight: <None>

Min Conc: 0

118 Sn [NoGas] ISTD : 159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1030.65	0.0000	P	16.1
2	☐	0.500					
3	☐	5.000	4.533	47093.95	0.0021	P	0.9
4	☐	50.000	50.085	509817.46	0.0226	P	0.8
5	☐	125.000	124.067	1257736.38	0.0560	P	0.6
6	☐	250.000	251.067	2525006.13	0.1133	P	1.2
7	☐	500.000	501.317	5038405.97	0.2263	P	0.7
8	☐	1000.000	999.190	10156836.68	0.4509	A	0.1
9	☐			12492.18	0.0006	P	5.1

$$y = 4.5123\text{E-}004 * x + 4.4748\text{E-}005$$

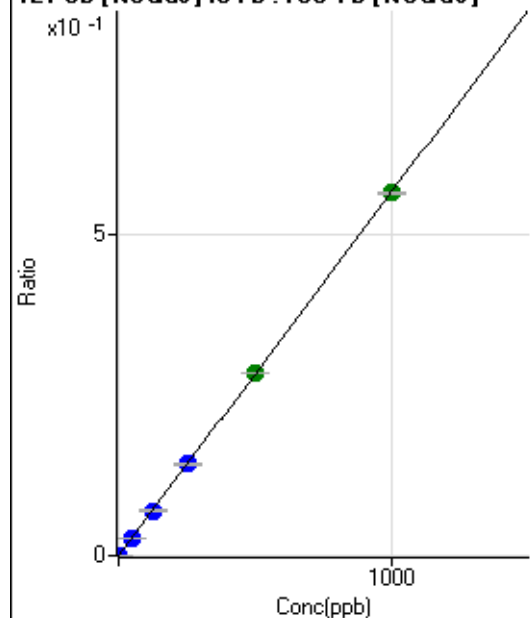
$$R = 1.0000$$

$$DL = 0.04804$$

$$BEC = 0.09917$$

Weight: <None>

Min Conc: 0

121 Sb [NoGas] ISTD : 159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	472.25	0.0000	P	0.9
2	☐	0.200					
3	☐	2.000	1.787	23264.55	0.0010	P	4.2
4	☐	50.000	49.638	633555.41	0.0281	P	0.8
5	☐	125.000	124.117	1578876.64	0.0703	P	1.1
6	☐	250.000	253.074	3194368.86	0.1434	P	2.1
7	☐	500.000	503.017	6346351.84	0.2850	A	0.4
8	☐	1000.000	997.852	12733815.30	0.5653	A	0.3
9	☐			31555.99	0.0015	P	2.2

$$y = 5.6651\text{E-}004 * x + 2.0502\text{E-}005$$

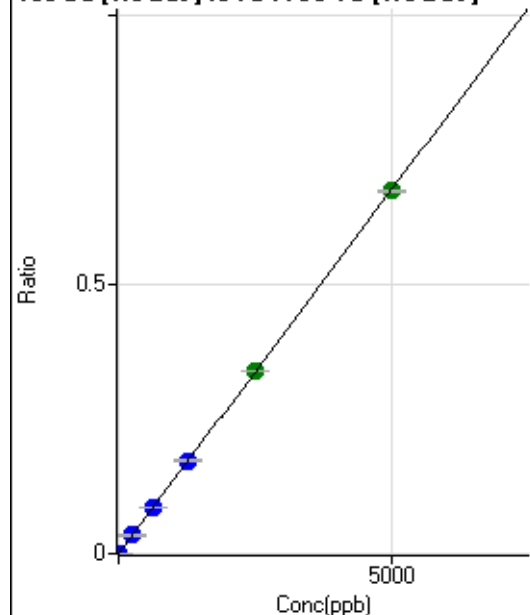
$$R = 1.0000$$

$$DL = 0.001018$$

$$BEC = 0.03619$$

Weight: <None>

Min Conc: 0

¹³⁵Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	18.8
2	☐	1.000					
3	☐	10.000	9.073	27723.02	0.0012	P	0.8
4	☐	250.000	251.332	763315.56	0.0339	P	0.6
5	☐	625.000	626.817	1897946.46	0.0845	P	0.6
6	☐	1250.000	1274.628	3830124.91	0.1719	P	1.6
7	☐	2500.000	2513.065	7548211.97	0.3389	A	0.2
8	☐	5000.000	4987.018	15150736.27	0.6726	A	0.2
9	☐			4367.55	0.0002	P	4.0

$$y = 1.3487\text{E-}004 * x + 6.7536\text{E-}006$$

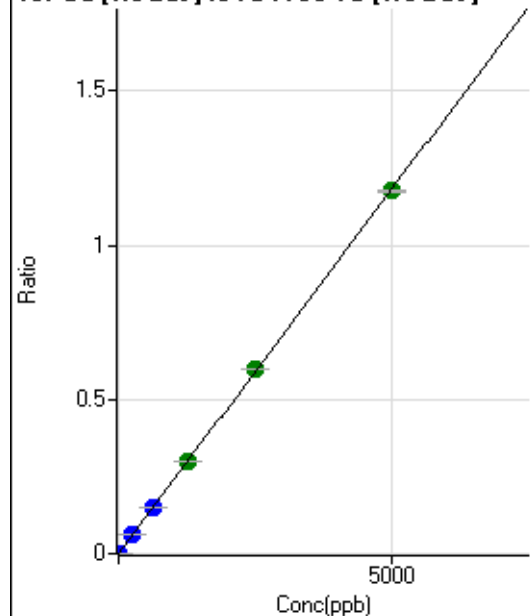
$$R = 1.0000$$

$$DL = 0.02829$$

$$BEC = 0.05007$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.68	0.0000	P	19.1
2	☐	1.000					
3	☐	10.000	9.027	48307.25	0.0021	P	1.2
4	☐	250.000	253.060	1346032.33	0.0598	P	0.3
5	☐	625.000	628.681	3333885.41	0.1485	P	0.5
6	☐	1250.000	1266.629	6665784.79	0.2992	A	1.6
7	☐	2500.000	2528.517	13300868.96	0.5973	A	0.2
8	☐	5000.000	4980.973	26502305.11	1.1766	A	0.5
9	☐			7635.78	0.0004	P	8.0

$$y = 2.3621\text{E-}004 * x + 1.1579\text{E-}005$$

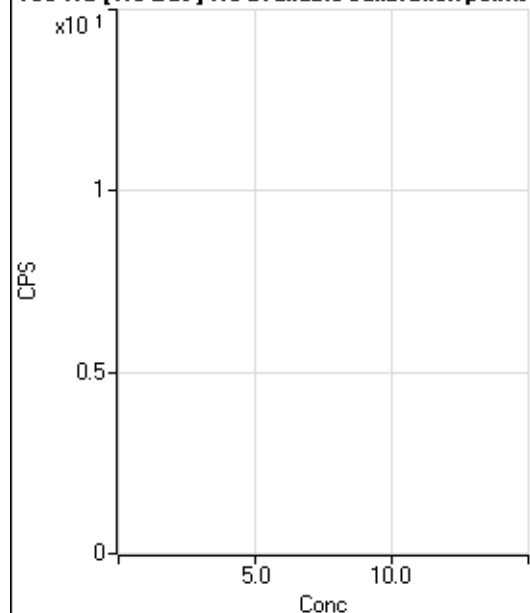
$$R = 1.0000$$

$$DL = 0.02811$$

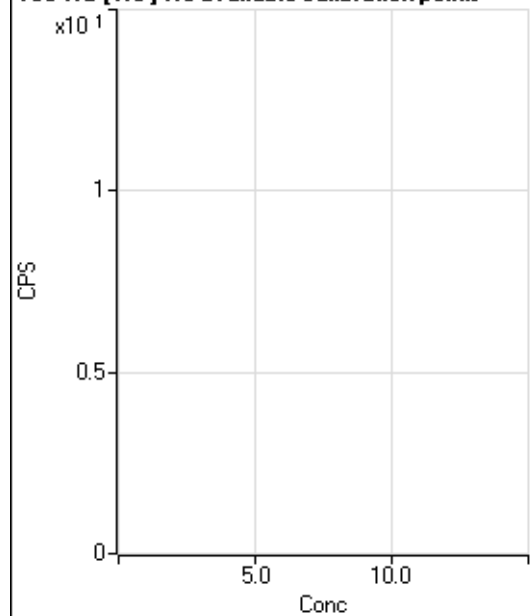
$$BEC = 0.04902$$

Weight: <None>

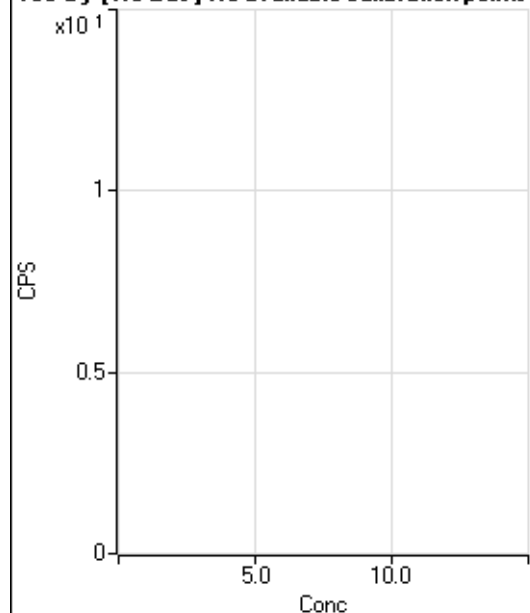
Min Conc: 0

150 Nd [No Gas] No available calibration points

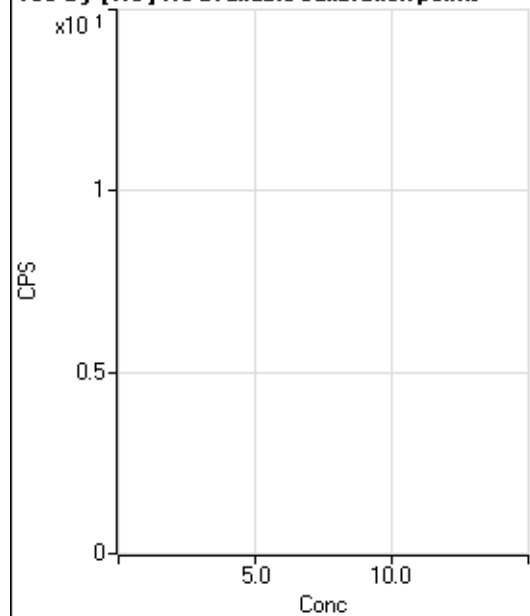
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			6.67		P	100.
4	☐			37.78		P	20.4
5	☐			82.22		P	28.5
6	☐			177.79		P	13.2
7	☐			342.24		P	23.2
8	☐			628.93		P	3.4
9	☐			137.78		P	10.1

150 Nd [He] No available calibration points

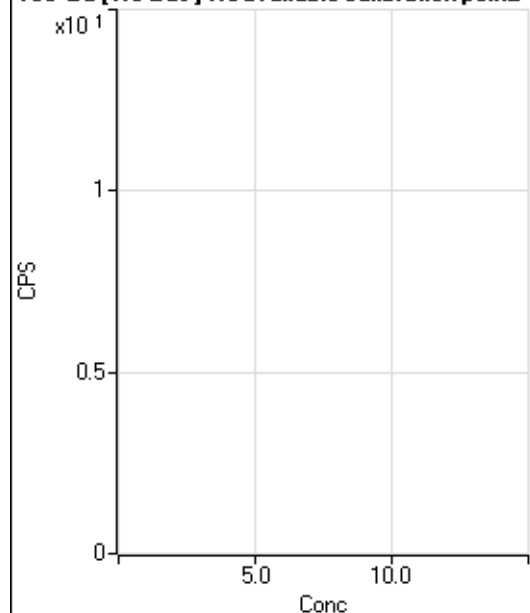
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			6.66		P	86.6
6	☐			7.78		P	49.5
7	☐			32.22		P	21.5
8	☐			60.00		P	9.6
9	☐			42.22		P	12.1

156 Dy [No Gas] No available calibration points

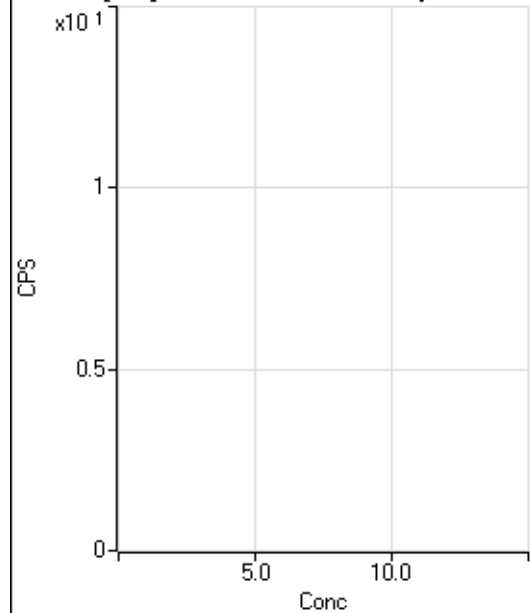
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			5.56		P	173.
4	☐			47.22		P	53.9
5	☐			69.45		P	42.1
6	☐			80.56		P	41.8
7	☐			116.67		P	18.9
8	☐			269.46		P	10.9
9	☐			111.12		P	37.0

156 Dy [He] No available calibration points

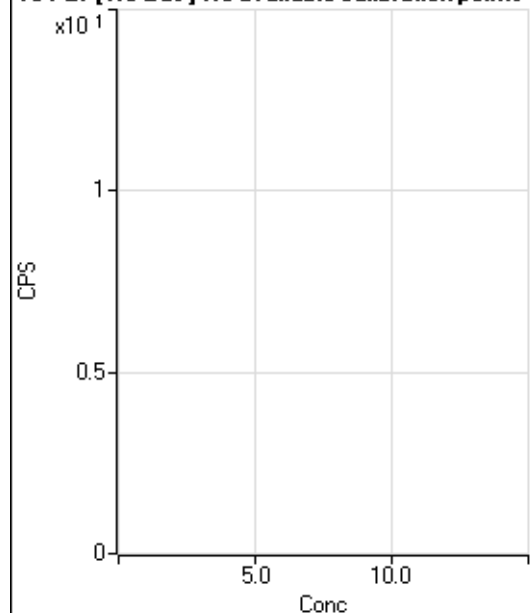
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			2.22		P	86.6
4	☐			12.22		P	63.0
5	☐			12.22		P	41.7
6	☐			35.56		P	23.6
7	☐			54.44		P	23.2
8	☐			127.78		P	38.2
9	☐			50.00		P	30.6

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

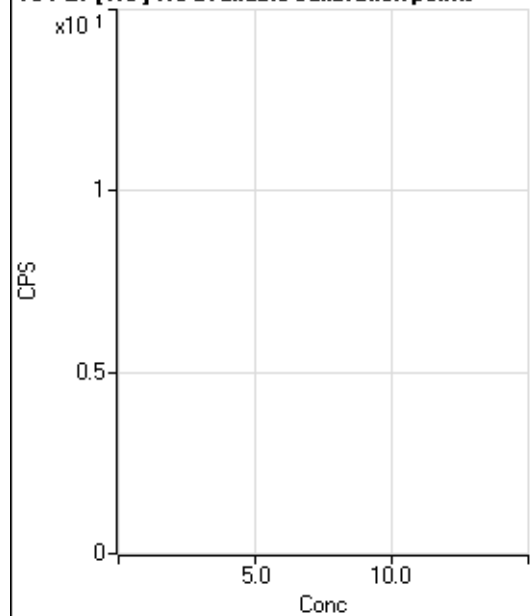
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			150.00		P	36.4
2	☐						
3	☐			125.01		P	13.3
4	☐			127.79		P	29.4
5	☐			147.23		P	26.8
6	☐			191.68		P	30.1
7	☐			141.67		P	10.2
8	☐			211.12		P	26.3
9	☐			183.34		P	27.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			127.78		P	19.8
2	☐						
3	☐			120.00		P	10.0
4	☐			141.11		P	17.7
5	☐			134.45		P	7.2
6	☐			136.67		P	33.0
7	☐			161.12		P	23.1
8	☐			170.00		P	7.8
9	☐			156.67		P	22.5

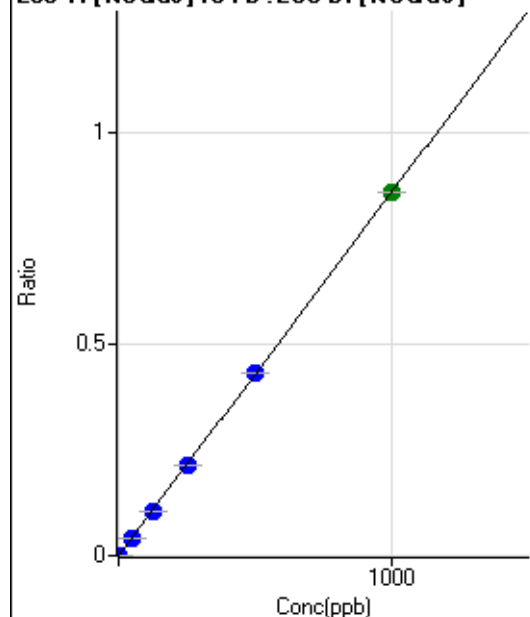
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	15.1
2	☐						
3	☐			86.11		P	22.4
4	☐			86.12		P	24.4
5	☐			63.89		P	61.6
6	☐			108.34		P	27.7
7	☐			63.89		P	19.9
8	☐			66.67		P	45.1
9	☐			86.11		P	39.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.67		P	24.1
2	☐						
3	☐			40.00		P	14.4
4	☐			37.78		P	5.1
5	☐			21.11		P	63.8
6	☐			33.33		P	20.0
7	☐			44.45		P	15.6
8	☐			51.11		P	29.4
9	☐			44.44		P	11.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0000	P	17.1
2	☐	0.100					
3	☐	1.000	0.859	10971.70	0.0008	P	1.5
4	☐	50.000	49.523	612725.03	0.0425	P	0.8
5	☐	125.000	123.505	1514363.78	0.1061	P	0.9
6	☐	250.000	249.868	3015365.34	0.2146	P	1.1
7	☐	500.000	502.613	5958658.29	0.4316	P	0.6
8	☐	1000.000	998.938	11727173.88	0.8578	A	0.1
9	☐			5256.84	0.0004	P	9.8

$$y = 8.5873\text{E-}004 * x + 1.8858\text{E-}005$$

$$R = 1.0000$$

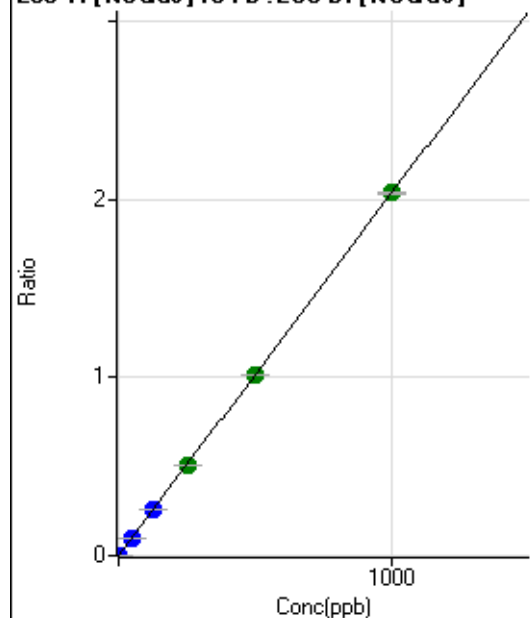
$$DL = 0.01127$$

$$BEC = 0.02196$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	680.61	0.0000	P	16.6
2	☐	0.100					
3	☐	1.000	0.914	27663.14	0.0019	P	1.3
4	☐	50.000	50.205	1473169.29	0.1023	P	0.5
5	☐	125.000	125.104	3638039.93	0.2548	P	0.3
6	☐	250.000	250.322	7164371.78	0.5098	A	1.0
7	☐	500.000	497.884	13998761.77	1.0140	A	0.7
8	☐	1000.000	1000.954	27868239.16	2.0386	A	0.2
9	☐			12361.78	0.0010	P	6.8

$$y = 0.0020 * x + 4.5722\text{E-}005$$

$$R = 1.0000$$

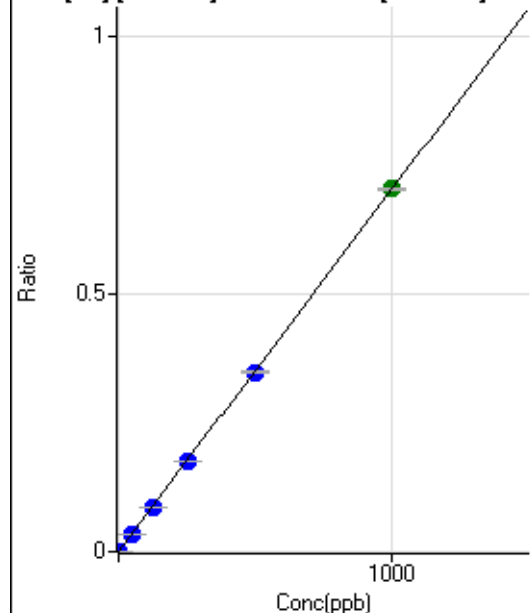
$$DL = 0.01118$$

$$BEC = 0.02245$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1390.85	0.0001	P	3.6
2	☐	0.100					
3	☐	1.000	0.887	10395.06	0.0007	P	0.5
4	☐	50.000	49.506	502244.64	0.0349	P	1.0
5	☐	125.000	123.234	1237396.38	0.0867	P	0.4
6	☐	250.000	248.712	2456646.09	0.1748	P	1.3
7	☐	500.000	496.581	4817708.32	0.3490	P	0.5
8	☐	1000.000	1002.277	9627655.54	0.7043	A	0.3
9	☐			13088.27	0.0011	P	0.6

$$y = 7.0258\text{E-}004 * x + 9.3454\text{E-}005$$

$$R = 1.0000$$

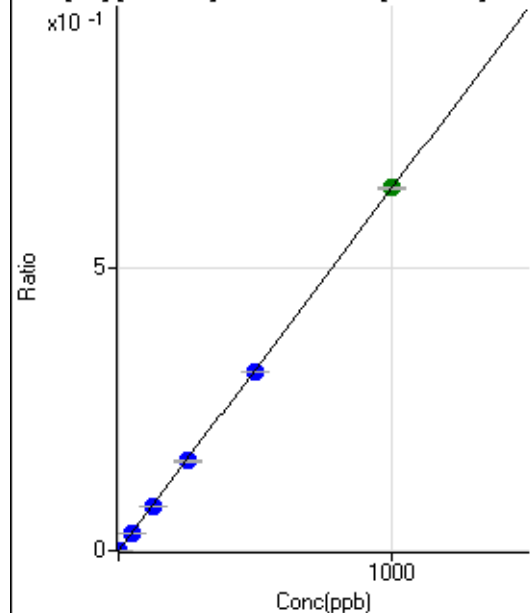
$$DL = 0.01453$$

$$BEC = 0.133$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1146.38	0.0001	P	6.1
2	☐	0.100					
3	☐	1.000	0.889	9366.51	0.0006	P	4.1
4	☐	50.000	49.161	453805.37	0.0315	P	0.9
5	☐	125.000	122.856	1122598.31	0.0786	P	0.7
6	☐	250.000	248.399	2232818.17	0.1589	P	1.6
7	☐	500.000	495.678	4376535.31	0.3170	P	0.3
8	☐	1000.000	1002.872	8767267.21	0.6413	A	0.3
9	☐			11027.08	0.0009	P	2.9

$$y = 6.3942\text{E-}004 * x + 7.7037\text{E-}005$$

$$R = 1.0000$$

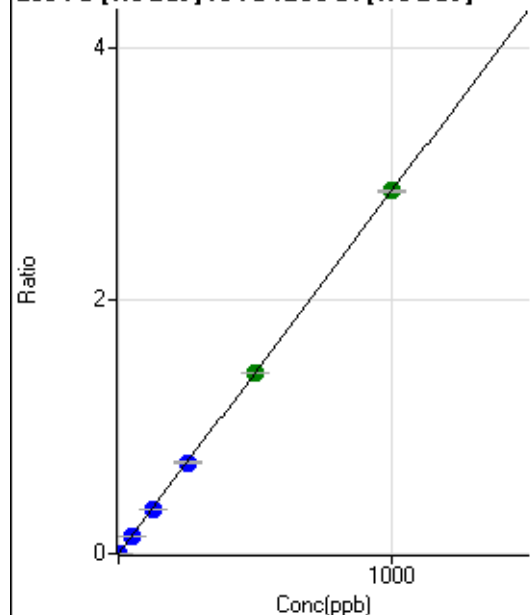
$$DL = 0.02209$$

$$BEC = 0.1205$$

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	5470.99	0.0004	P	1.9
2	☐	0.100					
3	☐	1.000	0.893	42436.98	0.0029	P	0.3
4	☐	50.000	49.550	2048795.70	0.1423	P	0.8
5	☐	125.000	123.974	5073710.81	0.3554	P	0.4
6	☐	250.000	251.351	10119261.60	0.7202	P	1.4
7	☐	500.000	497.981	19692252.09	1.4264	A	0.3
8	☐	1000.000	1000.823	39185319.51	2.8664	A	0.3
9	☐			51896.79	0.0043	P	0.8

$$y = 0.0029 * x + 3.6767E-004$$

$$R = 1.0000$$

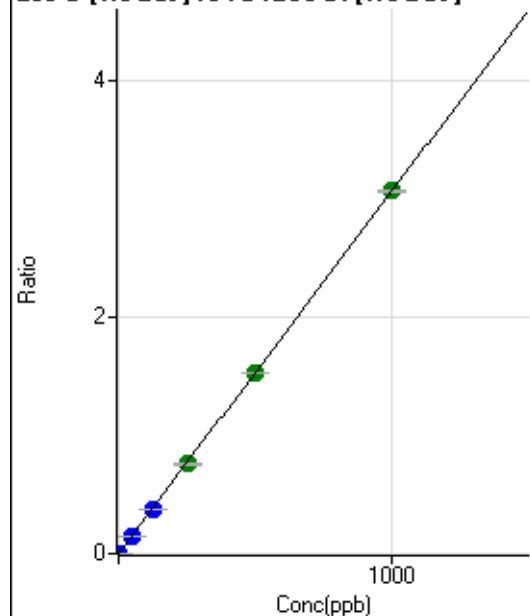
$$DL = 0.007171$$

$$BEC = 0.1284$$

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	269.46	0.0000	P	21.4
2	☐	0.100					
3	☐	1.000	0.857	38312.96	0.0026	P	0.6
4	☐	50.000	48.868	2154249.66	0.1496	P	0.6
5	☐	125.000	123.380	5391309.24	0.3776	P	0.4
6	☐	250.000	247.686	10652009.18	0.7581	A	1.6
7	☐	500.000	497.865	21036319.74	1.5238	A	0.4
8	☐	1000.000	1001.905	41919733.57	3.0665	A	0.5
9	☐			3533.98	0.0003	P	13.4

$$y = 0.0031 * x + 1.8095E-005$$

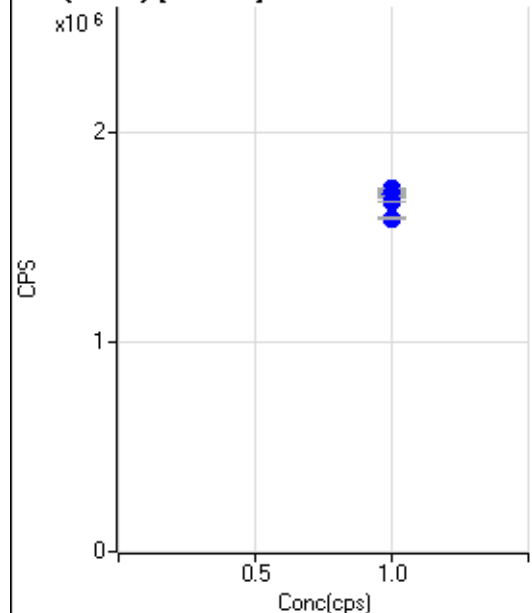
$$R = 1.0000$$

$$DL = 0.003799$$

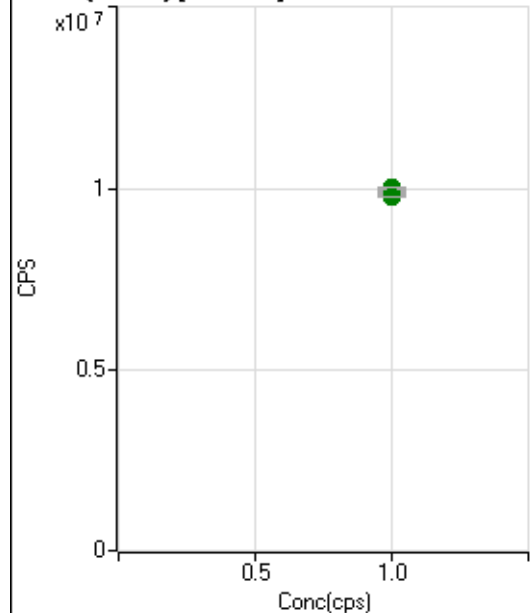
$$BEC = 0.005912$$

Weight: <None>

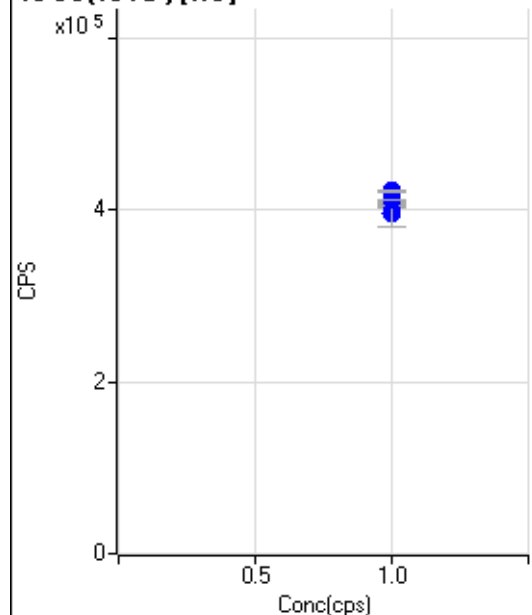
Min Conc: 0

6 Li(ISTD) [No Gas]

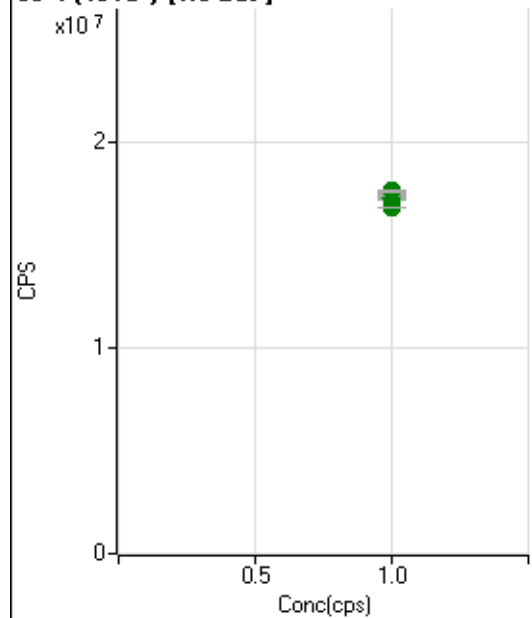
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1705468.46		P	0.0
2	☐	1.000					
3	☐	1.000		1724603.58		P	0.4
4	☐	1.000		1724540.60		P	0.4
5	☐	1.000		1731457.47		P	0.3
6	☐	1.000		1709713.73		P	1.1
7	☐	1.000		1693400.83		P	0.5
8	☐	1.000		1670342.11		P	0.4
9	☐	1.000		1589995.39		P	0.5

45 Sc(ISTD) [No Gas]

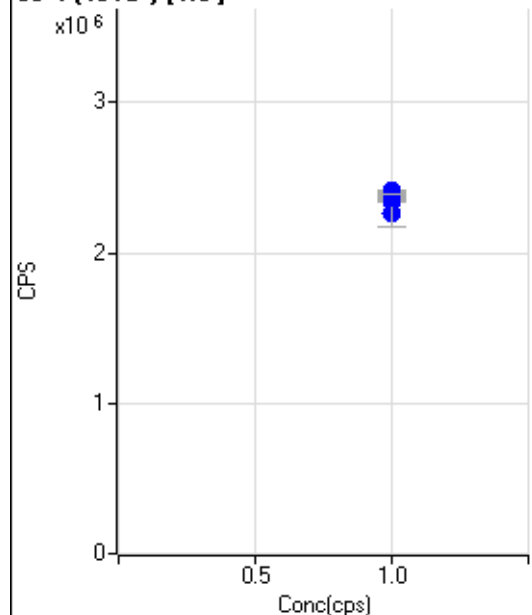
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9945137.20		A	0.3
2	☐	1.000					
3	☐	1.000		9934447.01		A	0.4
4	☐	1.000		9836974.35		A	0.3
5	☐	1.000		9895073.57		A	0.3
6	☐	1.000		9886088.07		A	1.3
7	☐	1.000		9869898.83		A	0.2
8	☐	1.000		10011623.05		A	0.8
9	☐	1.000		9769012.20		A	0.4

45 Sc(ISTD) [He]

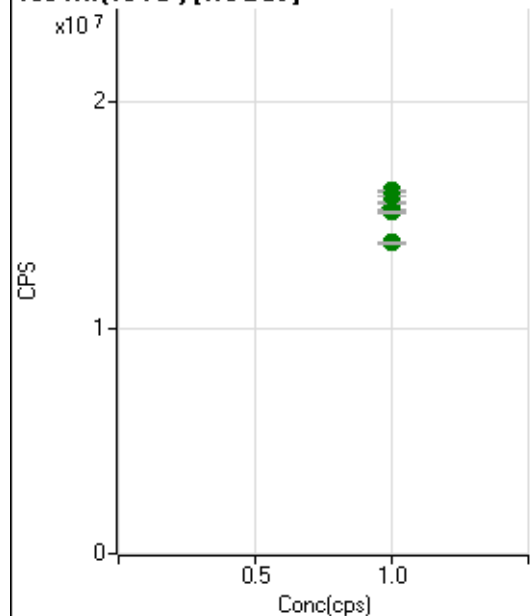
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		407920.03		P	0.6
2	☐	1.000					
3	☐	1.000		409442.97		P	0.4
4	☐	1.000		405856.76		P	0.8
5	☐	1.000		406264.81		P	0.5
6	☐	1.000		395654.61		P	7.5
7	☐	1.000		412455.10		P	0.2
8	☐	1.000		422269.23		P	0.7
9	☐	1.000		422477.60		P	0.5

89 Y(ISTD) [No Gas]

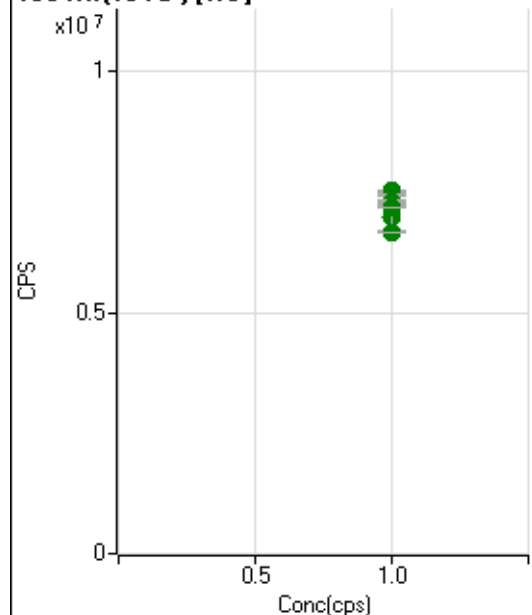
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17484781.55		A	0.4
2	☐	1.000					
3	☐	1.000		17399196.41		A	0.5
4	☐	1.000		17211739.74		A	0.2
5	☐	1.000		17254302.66		A	0.3
6	☐	1.000		17245822.38		A	0.9
7	☐	1.000		17325425.85		A	0.3
8	☐	1.000		17593045.43		A	0.4
9	☐	1.000		16776525.86		A	0.3

89 Y (ISTD) [He]

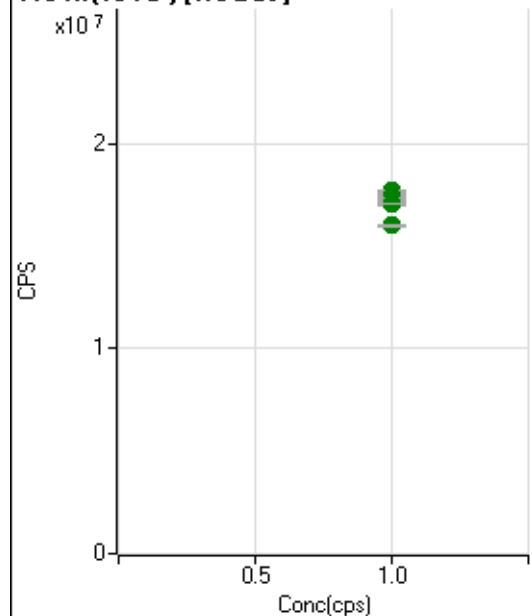
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2349403.97		P	0.3
2	☐	1.000					
3	☐	1.000		2353687.26		P	0.3
4	☐	1.000		2347689.25		P	0.1
5	☐	1.000		2344111.37		P	0.5
6	☐	1.000		2257769.20		P	7.7
7	☐	1.000		2371142.62		P	0.2
8	☐	1.000		2412539.55		P	0.7
9	☐	1.000		2387234.81		P	0.1

103 Rh (ISTD) [NoGas]

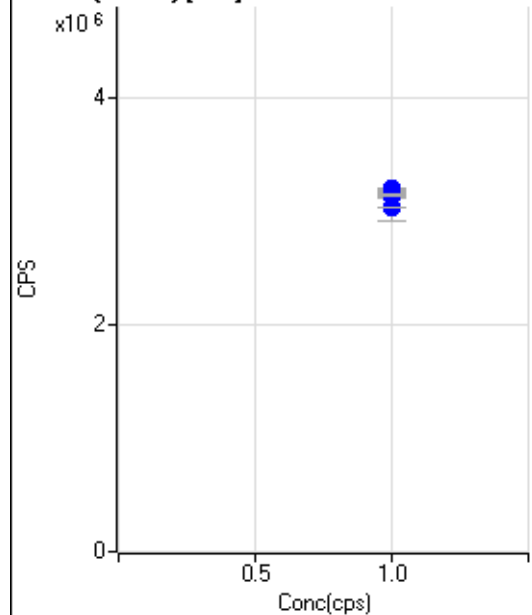
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16057612.16		A	0.6
2	☐	1.000					
3	☐	1.000		15819892.89		A	0.3
4	☐	1.000		15601102.60		A	0.1
5	☐	1.000		15562814.93		A	0.4
6	☐	1.000		15324475.52		A	1.6
7	☐	1.000		15181598.60		A	0.4
8	☐	1.000		15131633.85		A	0.5
9	☐	1.000		13773076.35		A	0.4

103Rh(ISTD) [He]

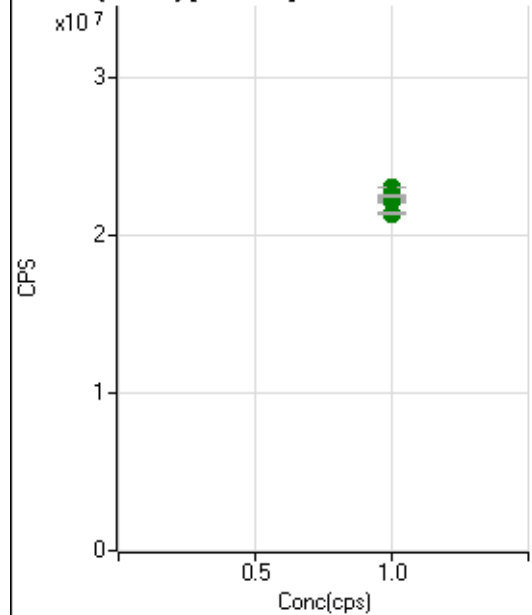
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7522705.10		A	0.4
2	☐	1.000					
3	☐	1.000		7455652.39		A	0.5
4	☐	1.000		7305787.88		A	0.1
5	☐	1.000		7316013.43		A	0.3
6	☐	1.000		6968631.98		A	7.8
7	☐	1.000		7183696.63		A	0.5
8	☐	1.000		7168672.19		A	0.1
9	☐	1.000		6650257.33		A	0.3

115In(ISTD) [NoGas]

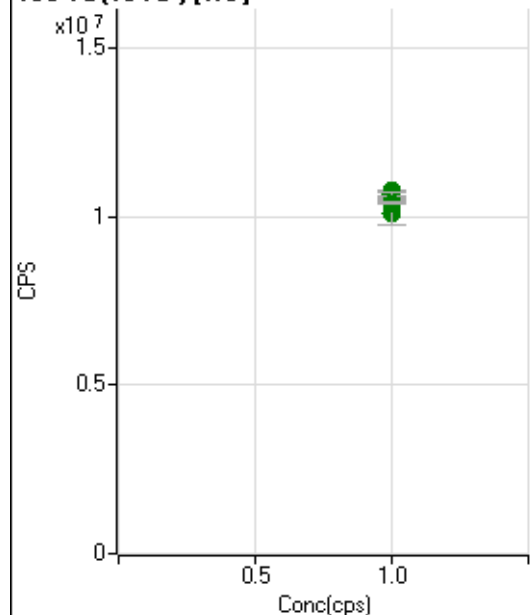
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17689021.36		A	0.4
2	☐	1.000					
3	☐	1.000		17472923.69		A	0.2
4	☐	1.000		17336548.31		A	0.5
5	☐	1.000		17359435.87		A	0.4
6	☐	1.000		17075727.31		A	1.3
7	☐	1.000		17087656.58		A	0.1
8	☐	1.000		17037448.68		A	0.1
9	☐	1.000		15998778.22		A	0.2

115 In(ISTD) [He]

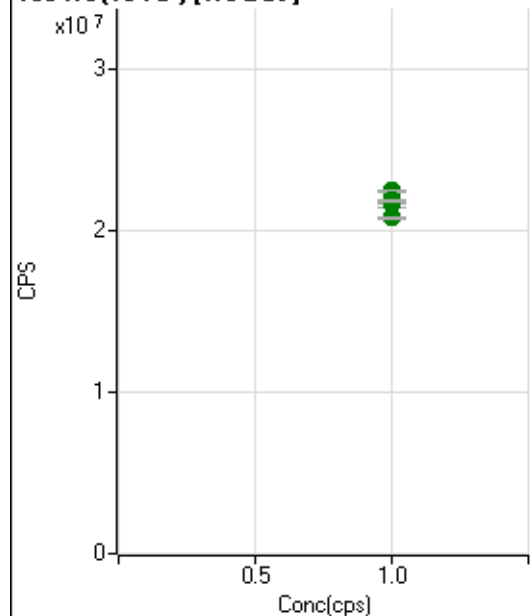
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3191702.51		P	0.6
2	☐	1.000					
3	☐	1.000		3199793.40		P	0.4
4	☐	1.000		3178551.03		P	0.1
5	☐	1.000		3163493.22		P	0.6
6	☐	1.000		3035023.18		P	7.7
7	☐	1.000		3132442.16		P	0.3
8	☐	1.000		3143090.70		P	0.7
9	☐	1.000		3039022.63		P	0.0

159 Tb(ISTD) [NoGas]

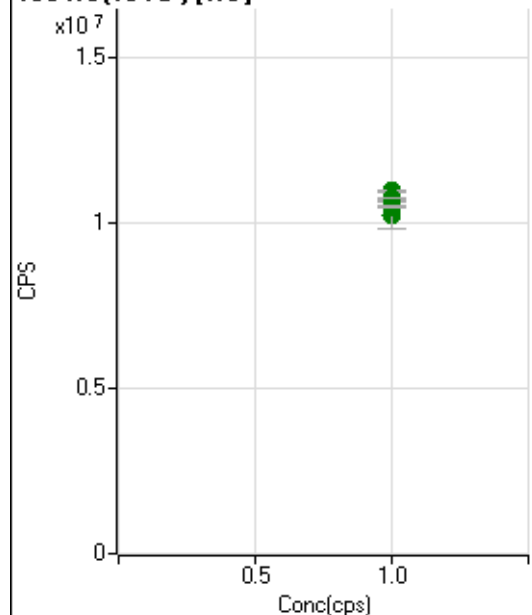
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23034402.99		A	0.2
2	☐	1.000					
3	☐	1.000		22532203.83		A	0.5
4	☐	1.000		22514386.61		A	0.5
5	☐	1.000		22449029.11		A	0.4
6	☐	1.000		22282135.92		A	1.4
7	☐	1.000		22269486.89		A	0.5
8	☐	1.000		22525449.39		A	0.5
9	☐	1.000		21410493.15		A	0.3

159 Tb(ISTD) [He]

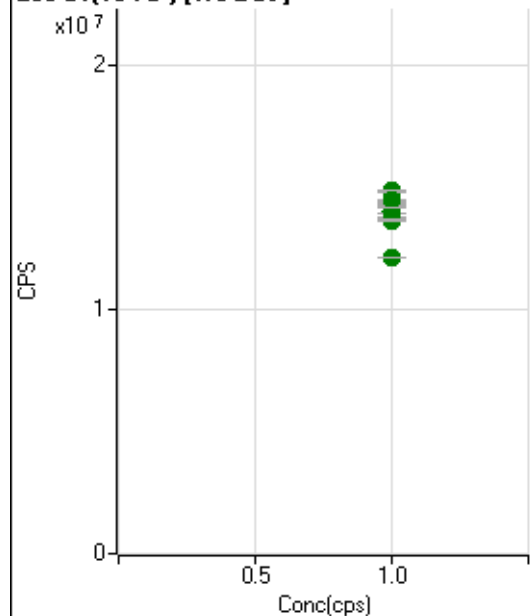
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10775085.26		A	0.2
2	☐	1.000					
3	☐	1.000		10618543.73		A	0.4
4	☐	1.000		10534351.65		A	0.3
5	☐	1.000		10542072.48		A	0.3
6	☐	1.000		10117372.00		A	7.5
7	☐	1.000		10540827.41		A	0.3
8	☐	1.000		10682790.46		A	0.6
9	☐	1.000		10408454.43		A	0.4

165 Ho(ISTD) [NoGas]

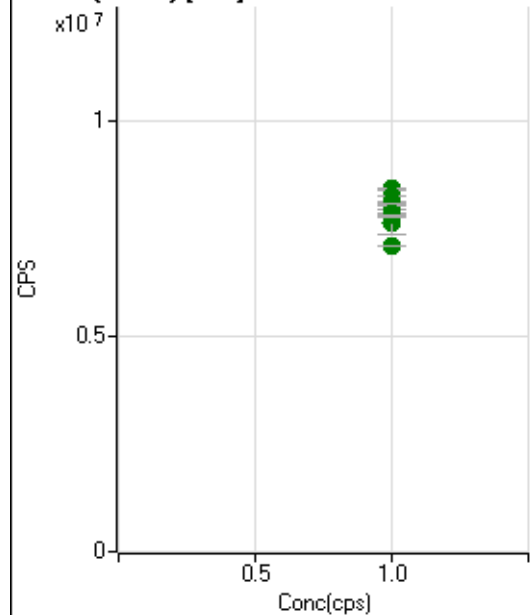
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22504954.50		A	0.4
2	☐	1.000					
3	☐	1.000		21751832.43		A	0.1
4	☐	1.000		21912052.22		A	0.2
5	☐	1.000		21904536.43		A	0.7
6	☐	1.000		21719235.21		A	1.8
7	☐	1.000		21769021.32		A	0.2
8	☐	1.000		21858401.70		A	0.5
9	☐	1.000		20821484.49		A	0.8

165 Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10953957.75		A	0.2
2	☐	1.000					
3	☐	1.000		10710865.40		A	0.4
4	☐	1.000		10663177.13		A	0.8
5	☐	1.000		10651592.62		A	0.4
6	☐	1.000		10215293.67		A	7.5
7	☐	1.000		10632264.08		A	0.1
8	☐	1.000		10735773.94		A	0.2
9	☐	1.000		10470312.06		A	0.4

209 Bi(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14880959.50		A	0.5
2	☐	1.000					
3	☐	1.000		14504260.89		A	0.4
4	☐	1.000		14401770.62		A	0.5
5	☐	1.000		14276394.23		A	0.3
6	☐	1.000		14053342.57		A	1.6
7	☐	1.000		13805209.65		A	0.3
8	☐	1.000		13670585.07		A	0.7
9	☐	1.000		12153746.62		A	0.2

209 Bi(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8429384.39		A	0.2
2	☐	1.000					
3	☐	1.000		8255651.13		A	0.1
4	☐	1.000		8136292.94		A	0.1
5	☐	1.000		8069265.02		A	0.1
6	☐	1.000		7658977.73		A	7.4
7	☐	1.000		7863621.69		A	0.1
8	☐	1.000		7806842.32		A	0.4
9	☐	1.000		7120351.63		A	0.1

US EPA Tune Check Sample Report

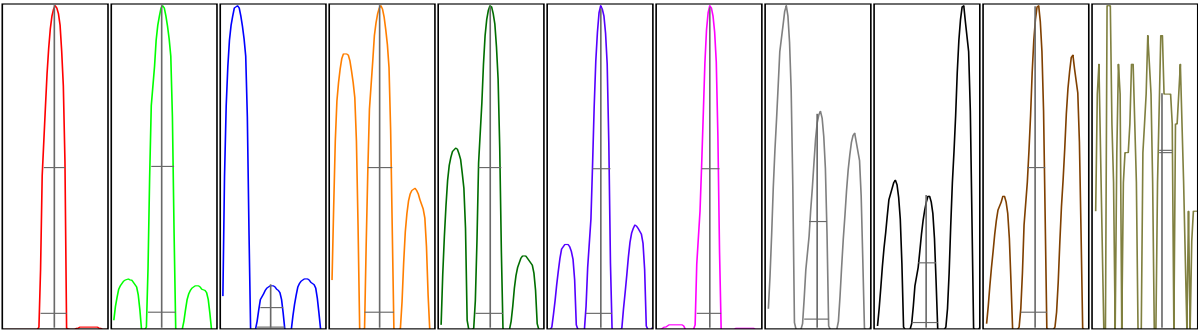
Batch Folder D:\ICP-MS Data\P7110717 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7280	0.48	5.00	
24	512343	0.29	5.00	
25	69760	0.19	5.00	
26	81240	0.26	5.00	
59	96058	0.29	5.00	
113	40688	0.44	5.00	
115	842974	0.11	5.00	
206	38496	0.38	5.00	
207	34907	0.37	5.00	
208	83316	0.44	5.00	
220	0	11.79		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7250	7238	7304	7291	7318
24	510697	511605	514020	511511	513884
25	69804	69539	69878	69815	69763
26	80972	81095	81235	81434	81464
59	95792	95920	96463	95890	96227
113	40913	40645	40481	40575	40824
115	842445	842094	843154	842665	844512
206	38680	38422	38318	38615	38447
207	35065	35010	34838	34871	34752
208	83608	83195	83763	82853	83158
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	12012	9.00	8.9 - 9.1		0.783	0.900	
24	810771	23.95	23.9 - 24.1		0.828	0.900	
25	109054	24.95	24.9 - 25.1		0.829	0.900	
26	127889	25.95	25.9 - 26.1		0.832	0.900	
59	164186	59.00	58.9 - 59.1		0.811	0.900	
113	80403	113.05	112.9 - 113.1		0.752	0.900	
115	1655129	115.05	114.9 - 115.1		0.730	0.900	
206	77107	206.00	205.9 - 206.1		0.735	0.900	
207	69896	207.00	206.9 - 207.1		0.740	0.900	
208	169672	208.00	207.9 - 208.1		0.753	0.900	
220	0	220.50	-		0.395		

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
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.0	V	Deflect	14.0	V
Extract 2	-180.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	24292	0.27	
89	12075	0.52	
205	32201	0.32	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	24257	24256	24223	24381	24343
89	12146	12112	12076	12061	11981
205	32207	32338	32259	32086	32114

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.9	V	Deflect	2.0	V
Extract 2	-155.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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	4.1	mL/min	OctP RF	200	V			

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:37:36	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.30	-0.15	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.22	0.10	-0.32	0.00	N/A	ppb
Boron	11-1	-0.07	0.06	0.01	0.00	N/A	ppb
Cadmium	111-1	0.01	0.03	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.08	0.41	-0.49	0.00	N/A	ppb
Cadmium	108-1	0.01	0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	0.17	-0.81	0.64	0.00	N/A	ppb
Calcium	44-1	0.61	-1.21	0.60	0.00	N/A	ppb
Chromium	52-2	0.02	0.02	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.07	0.01	0.06	0.00	N/A	ppb
Iron	57-2	0.46	-0.56	0.10	0.00	N/A	ppb
Lead	206-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.28	0.52	-0.24	0.00	N/A	ppb
Manganese	55-2	-0.01	0.02	-0.01	0.00	N/A	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:37:36	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	-0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	-6.11	-5.97	15.67	1.20	1048.55	ppb
Potassium	39-2	2.33	1.84	-4.17	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	-1.07	1.13	0.00	N/A	ppb
Selenium	82-1	-0.12	0.17	-0.05	0.00	N/A	ppb
Silicon	28-1	1.28	-1.11	-0.17	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.39	0.02	0.37	0.00	N/A	ppb
Strontium	86-1	0.00	0.02	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-77.21	-155.42	-6.08	-79.57		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	0.00	0.02	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	0.00	0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:37:36	DataFile Name :	003CALB.d

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

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:45:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.96	20.50	18.06	18.84	7.62	ppb
Antimony	121-1	1.79	1.86	1.71	1.79	4.27	ppb
Arsenic	75-2	0.88	0.91	1.00	0.93	7.04	ppb
Barium	135-1	9.12	8.99	9.11	9.07	0.82	ppb
Barium	137-1	9.09	8.90	9.09	9.03	1.22	ppb
Beryllium	9-1	0.88	0.97	0.88	0.91	5.63	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	21.31	20.08	22.14	21.18	4.90	ppb
Boron	11-1	20.43	20.76	22.05	21.08	4.06	ppb
Cadmium	111-1	0.94	0.94	0.90	0.93	2.66	ppb
Cadmium	106-1	1.04	1.06	-0.02	0.69	88.80	ppb
Cadmium	108-1	0.80	0.81	0.88	0.83	5.71	ppb
Calcium	43-1	412.84	435.05	448.34	432.08	4.15	ppb
Calcium	44-1	433.32	434.12	430.74	432.73	0.41	ppb
Chromium	52-2	1.88	1.85	1.90	1.88	1.38	ppb
Cobalt	59-2	0.92	0.93	0.95	0.93	2.13	ppb
Copper	63-2	1.87	1.90	1.89	1.89	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	48.02	47.55	47.63	47.73	0.53	ppb
Iron	57-2	46.80	48.66	51.82	49.09	5.16	ppb
Lead	206-1	0.89	0.88	0.89	0.89	0.54	ppb
Lead	207-1	0.84	0.90	0.92	0.89	4.68	ppb
Lead	208-1	0.90	0.90	0.89	0.89	0.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	466.42	469.04	461.07	465.51	0.87	ppb
Manganese	55-2	0.99	0.96	0.91	0.95	4.18	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:45:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.43	4.29	4.33	4.35	1.70	ppb
Molybdenum	95-1	4.53	4.52	4.50	4.52	0.33	ppb
Molybdenum	96-1	4.47	4.42	4.45	4.45	0.58	ppb
Molybdenum	97-1	4.58	4.47	4.45	4.50	1.52	ppb
Molybdenum	98-1	4.57	4.51	4.49	4.52	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.96	1.04	1.01	3.95	ppb
Phosphorus	31-2	-4.57	-11.25	12.23	-1.20		ppb
Potassium	39-2	436.29	439.03	451.17	442.17	1.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	6.80	7.70	7.21	7.23	6.23	ppb
Selenium	78-2	5.35	4.89	6.29	5.51	13.00	ppb
Selenium	82-1	4.87	4.82	4.41	4.70	5.42	ppb
Silicon	28-1	11.85	11.77	11.44	11.69	1.83	ppb
Silver	109-1	0.95	0.93	0.96	0.95	1.63	ppb
Silver	107-1	0.98	0.92	0.97	0.96	3.27	ppb
Sodium	23-2	463.97	454.54	460.73	459.75	1.04	ppb
Strontium	86-1	0.97	0.94	0.96	0.96	1.66	ppb
Strontium	88-1	0.91	0.93	0.90	0.91	2.08	ppb
Sulfur	34-1	92.71	130.11	15.88	79.57	73.19	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.87	0.84	0.87	0.86	1.57	ppb
Thallium	205-1	0.91	0.93	0.90	0.91	1.31	ppb
Tin	118-1	4.58	4.52	4.50	4.53	0.96	ppb
Titanium	47-1	4.46	4.43	4.42	4.44	0.50	ppb
Uranium	238-1	0.86	0.85	0.85	0.86	0.59	ppb
Vanadium	51-2	4.55	4.50	4.46	4.50	1.00	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2.37	2.81	1.98	2.39	17.38	ppb
Zirconium	90-1	0.85	0.85	0.87	0.86	1.75	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:45:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.93	0.87	0.88	4.56	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:49:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1005.62	1014.60	1019.97	1013.40	0.72	ppb
Antimony	121-1	49.28	49.58	50.06	49.64	0.79	ppb
Arsenic	75-2	50.38	50.05	50.63	50.35	0.57	ppb
Barium	135-1	250.43	250.54	253.02	251.33	0.58	ppb
Barium	137-1	252.44	252.76	253.98	253.06	0.32	ppb
Beryllium	9-1	51.00	51.37	51.55	51.31	0.54	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	49.10	48.20	51.16	49.49	3.07	ppb
Boron	11-1	47.05	47.89	49.42	48.12	2.50	ppb
Cadmium	111-1	52.14	51.62	52.41	52.06	0.77	ppb
Cadmium	106-1	52.67	51.47	51.63	51.92	1.26	ppb
Cadmium	108-1	50.74	53.42	51.73	51.97	2.60	ppb
Calcium	43-1	5116.25	5024.88	5014.81	5051.98	1.11	ppb
Calcium	44-1	5043.73	5031.23	4988.39	5021.12	0.58	ppb
Chromium	52-2	52.15	52.28	52.89	52.44	0.76	ppb
Cobalt	59-2	51.94	52.38	52.92	52.41	0.94	ppb
Copper	63-2	106.36	107.10	108.27	107.24	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	2659.72	2666.01	2678.60	2668.11	0.36	ppb
Iron	57-2	2684.69	2680.69	2714.45	2693.28	0.68	ppb
Lead	206-1	49.16	50.09	49.27	49.51	1.02	ppb
Lead	207-1	48.83	49.68	48.97	49.16	0.92	ppb
Lead	208-1	49.31	49.98	49.36	49.55	0.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	5251.09	5248.94	5326.71	5275.58	0.84	ppb
Manganese	55-2	104.23	102.85	104.07	103.72	0.73	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:49:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.91	253.05	254.97	252.97	0.80	ppb
Molybdenum	95-1	253.12	253.34	254.76	253.74	0.35	ppb
Molybdenum	96-1	252.18	252.48	252.70	252.45	0.10	ppb
Molybdenum	97-1	251.49	251.95	252.74	252.06	0.25	ppb
Molybdenum	98-1	252.40	254.62	253.42	253.48	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.35	53.29	54.76	54.13	1.40	ppb
Phosphorus	31-2	973.46	1082.00	1013.82	1023.09	5.36	ppb
Potassium	39-2	2480.37	2499.98	2527.88	2502.74	0.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	48.04	46.18	51.75	48.66	5.82	ppb
Selenium	78-2	51.75	53.60	49.46	51.60	4.02	ppb
Selenium	82-1	50.99	52.02	53.60	52.20	2.52	ppb
Silicon	28-1	52.55	53.78	53.38	53.24	1.18	ppb
Silver	109-1	51.56	51.25	51.93	51.58	0.66	ppb
Silver	107-1	51.95	51.90	52.10	51.98	0.20	ppb
Sodium	23-2	5234.99	5158.90	5252.05	5215.31	0.95	ppb
Strontium	86-1	51.52	51.11	50.94	51.19	0.58	ppb
Strontium	88-1	50.77	51.10	50.93	50.93	0.32	ppb
Sulfur	34-1	993.10	858.04	840.17	897.10	9.32	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	49.07	49.85	49.64	49.52	0.81	ppb
Thallium	205-1	50.00	50.46	50.16	50.21	0.47	ppb
Tin	118-1	49.70	50.06	50.50	50.09	0.81	ppb
Titanium	47-1	252.23	251.31	252.71	252.08	0.28	ppb
Uranium	238-1	48.50	49.05	49.05	48.87	0.64	ppb
Vanadium	51-2	50.40	49.69	50.73	50.28	1.06	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	106.43	106.61	107.47	106.84	0.52	ppb
Zirconium	90-1	50.23	50.12	50.05	50.13	0.18	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:49:29	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.82	50.66	50.58	50.35	0.92	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:53:34	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2522.18	2537.88	2516.57	2525.54	0.44	ppb
Antimony	121-1	123.01	123.71	125.64	124.12	1.10	ppb
Arsenic	75-2	125.22	123.82	124.34	124.46	0.57	ppb
Barium	135-1	624.24	624.86	631.35	626.82	0.63	ppb
Barium	137-1	625.24	630.92	629.88	628.68	0.48	ppb
Beryllium	9-1	123.80	124.52	126.70	125.00	1.21	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	115.89	123.56	125.50	121.65	4.18	ppb
Boron	11-1	116.13	120.58	122.78	119.83	2.83	ppb
Cadmium	111-1	128.48	129.50	129.53	129.17	0.46	ppb
Cadmium	106-1	127.91	130.10	126.63	128.21	1.37	ppb
Cadmium	108-1	125.27	128.88	128.83	127.66	1.62	ppb
Calcium	43-1	12473.45	12396.64	12389.12	12419.74	0.38	ppb
Calcium	44-1	12293.87	12402.02	12313.61	12336.50	0.47	ppb
Chromium	52-2	130.38	130.25	129.18	129.93	0.51	ppb
Cobalt	59-2	129.56	129.64	128.49	129.23	0.50	ppb
Copper	63-2	263.80	264.29	260.26	262.78	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	6571.87	6597.23	6550.55	6573.21	0.36	ppb
Iron	57-2	6597.80	6710.47	6609.17	6639.15	0.93	ppb
Lead	206-1	123.86	122.90	122.93	123.23	0.44	ppb
Lead	207-1	123.80	122.70	122.07	122.86	0.71	ppb
Lead	208-1	124.49	123.65	123.78	123.97	0.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	13050.17	13155.09	12883.95	13029.74	1.05	ppb
Manganese	55-2	254.48	254.96	252.68	254.04	0.47	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:53:34	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	628.90	630.05	629.21	629.39	0.09	ppb
Molybdenum	95-1	629.18	633.71	630.76	631.21	0.36	ppb
Molybdenum	96-1	630.98	635.91	634.21	633.70	0.40	ppb
Molybdenum	97-1	628.47	626.39	624.70	626.52	0.30	ppb
Molybdenum	98-1	625.35	631.54	627.14	628.01	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.33	133.56	131.28	132.72	0.95	ppb
Phosphorus	31-2	2503.32	2599.84	2631.24	2578.14	2.59	ppb
Potassium	39-2	6162.90	6234.90	6160.89	6186.23	0.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	111.32	131.63	126.53	123.16	8.58	ppb
Selenium	78-2	127.29	127.39	129.25	127.98	0.86	ppb
Selenium	82-1	129.07	130.28	129.52	129.62	0.47	ppb
Silicon	28-1	131.14	134.44	134.87	133.48	1.53	ppb
Silver	109-1	125.70	126.63	127.94	126.76	0.89	ppb
Silver	107-1	126.76	129.02	130.38	128.72	1.42	ppb
Sodium	23-2	12959.31	13001.89	12818.72	12926.64	0.74	ppb
Strontium	86-1	125.99	126.54	126.04	126.19	0.24	ppb
Strontium	88-1	126.14	127.49	125.76	126.46	0.72	ppb
Sulfur	34-1	2000.50	1995.59	2028.01	2008.03	0.87	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	124.01	122.27	124.24	123.51	0.87	ppb
Thallium	205-1	125.44	124.63	125.25	125.10	0.34	ppb
Tin	118-1	123.85	123.44	124.91	124.07	0.61	ppb
Titanium	47-1	620.67	621.50	623.94	622.04	0.27	ppb
Uranium	238-1	123.97	123.05	123.12	123.38	0.42	ppb
Vanadium	51-2	126.31	126.05	124.67	125.68	0.70	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	265.15	265.04	263.21	264.47	0.41	ppb
Zirconium	90-1	125.00	125.57	125.97	125.51	0.39	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:53:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	125.82	125.65	124.49	125.32	0.58	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:57:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4914.59	4994.12	5716.70	5208.47	8.48	ppb
Antimony	121-1	250.62	259.21	249.39	253.07	2.11	ppb
Arsenic	75-2	251.88	249.83	287.63	263.11	8.08	ppb
Barium	135-1	1261.24	1298.24	1264.40	1274.63	1.61	ppb
Barium	137-1	1257.54	1289.38	1252.97	1266.63	1.57	ppb
Beryllium	9-1	252.03	255.44	251.52	252.99	0.84	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	238.09	245.52	253.40	245.67	3.12	ppb
Boron	11-1	239.25	251.39	249.51	246.71	2.65	ppb
Cadmium	111-1	256.40	264.49	256.26	259.05	1.82	ppb
Cadmium	106-1	250.96	259.49	252.23	254.23	1.81	ppb
Cadmium	108-1	254.79	260.19	257.07	257.35	1.05	ppb
Calcium	43-1	24918.90	25009.12	24945.30	24957.78	0.19	ppb
Calcium	44-1	24680.60	25322.76	24729.80	24911.05	1.43	ppb
Chromium	52-2	255.93	256.81	294.41	269.05	8.17	ppb
Cobalt	59-2	251.88	256.11	293.52	267.17	8.58	ppb
Copper	63-2	514.36	518.73	598.88	543.99	8.75	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				97		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	12918.12	13042.89	14997.21	13652.74	8.54	ppb
Iron	57-2	12999.73	13140.06	15063.35	13734.38	8.40	ppb
Lead	206-1	247.76	252.39	245.99	248.71	1.33	ppb
Lead	207-1	246.90	252.84	245.46	248.40	1.57	ppb
Lead	208-1	249.60	255.42	249.03	251.35	1.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	25536.06	25769.68	29597.94	26967.89	8.46	ppb
Manganese	55-2	501.14	510.29	580.77	530.73	8.21	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:57:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1258.69	1269.95	1259.81	1262.81	0.49	ppb
Molybdenum	95-1	1252.83	1277.68	1259.99	1263.50	1.01	ppb
Molybdenum	96-1	1261.93	1281.65	1252.42	1265.33	1.18	ppb
Molybdenum	97-1	1263.48	1274.70	1258.16	1265.45	0.67	ppb
Molybdenum	98-1	1248.25	1281.76	1264.19	1264.73	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.48	262.30	300.45	274.08	8.35	ppb
Phosphorus	31-2	4945.16	5114.04	5822.76	5293.98	8.80	ppb
Potassium	39-2	12362.08	12448.71	14278.34	13029.71	8.31	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	262.20	251.08	281.35	264.88	5.78	ppb
Selenium	78-2	246.60	244.90	293.34	261.62	10.51	ppb
Selenium	82-1	257.01	263.30	256.73	259.01	1.43	ppb
Silicon	28-1	267.23	278.48	274.47	273.39	2.09	ppb
Silver	109-1	253.27	261.58	254.83	256.56	1.72	ppb
Silver	107-1	256.25	264.18	255.42	258.62	1.87	ppb
Sodium	23-2	25418.16	25642.92	29281.17	26780.75	8.10	ppb
Strontium	86-1	248.90	256.51	253.27	252.89	1.51	ppb
Strontium	88-1	249.34	256.12	250.84	252.10	1.41	ppb
Sulfur	34-1	4422.17	4624.61	4426.51	4491.10	2.57	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	247.97	252.93	248.70	249.87	1.07	ppb
Thallium	205-1	248.88	253.08	249.01	250.32	0.95	ppb
Tin	118-1	249.54	254.65	249.01	251.07	1.24	ppb
Titanium	47-1	1241.89	1280.00	1245.19	1255.69	1.68	ppb
Uranium	238-1	245.90	252.24	244.92	247.69	1.61	ppb
Vanadium	51-2	246.48	249.44	285.10	260.34	8.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	514.13	518.94	591.30	541.45	7.98	ppb
Zirconium	90-1	251.58	259.65	253.69	254.97	1.64	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:57:19	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	251.15	254.14	250.36	251.88	0.79	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:01:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9895.66	9864.04	10002.48	9920.73	0.73	ppb
Antimony	121-1	505.13	501.52	502.40	503.02	0.37	ppb
Arsenic	75-2	498.46	502.95	498.04	499.82	0.54	ppb
Barium	135-1	2506.92	2519.44	2512.84	2513.07	0.25	ppb
Barium	137-1	2526.56	2535.46	2523.53	2528.52	0.25	ppb
Beryllium	9-1	498.65	499.05	500.68	499.46	0.21	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	476.67	497.80	503.28	492.58	2.85	ppb
Boron	11-1	485.15	493.77	505.01	494.64	2.01	ppb
Cadmium	111-1	509.69	506.47	508.18	508.11	0.32	ppb
Cadmium	106-1	512.53	501.15	506.21	506.63	1.12	ppb
Cadmium	108-1	506.40	512.90	509.33	509.54	0.64	ppb
Calcium	43-1	49543.91	49634.86	49462.05	49546.94	0.17	ppb
Calcium	44-1	49522.66	49329.42	49488.03	49446.70	0.21	ppb
Chromium	52-2	511.01	512.39	513.74	512.38	0.27	ppb
Cobalt	59-2	506.21	502.56	511.12	506.63	0.85	ppb
Copper	63-2	1020.36	1022.07	1027.24	1023.23	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	25966.78	25791.76	26080.40	25946.31	0.56	ppb
Iron	57-2	25895.34	26027.04	26271.58	26064.65	0.73	ppb
Lead	206-1	497.86	493.84	498.05	496.58	0.48	ppb
Lead	207-1	496.84	493.70	496.50	495.68	0.35	ppb
Lead	208-1	498.24	496.37	499.33	497.98	0.30	ppb
Lithium	6-1				99		%
Magnesium	24-2	51040.98	50994.73	51174.94	51070.22	0.18	ppb
Manganese	55-2	1005.70	1005.81	1015.55	1009.02	0.56	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:01:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2506.49	2508.34	2504.64	2506.49	0.07	ppb
Molybdenum	95-1	2519.15	2507.81	2515.17	2514.04	0.23	ppb
Molybdenum	96-1	2506.08	2499.11	2510.48	2505.22	0.23	ppb
Molybdenum	97-1	2506.47	2498.16	2512.34	2505.66	0.28	ppb
Molybdenum	98-1	2511.76	2515.99	2521.13	2516.30	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.76	513.78	512.99	513.18	0.10	ppb
Phosphorus	31-2	10172.67	10163.77	10261.11	10199.18	0.53	ppb
Potassium	39-2	24838.26	24721.66	24918.53	24826.15	0.40	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	500.94	492.92	498.20	497.35	0.82	ppb
Selenium	78-2	501.99	505.15	500.29	502.48	0.49	ppb
Selenium	82-1	509.39	503.82	508.22	507.14	0.58	ppb
Silicon	28-1	554.13	559.96	563.44	559.18	0.84	ppb
Silver	109-1	507.71	504.95	508.66	507.11	0.38	ppb
Silver	107-1	508.05	506.52	510.15	508.24	0.36	ppb
Sodium	23-2	51143.12	50758.35	51207.81	51036.43	0.48	ppb
Strontium	86-1	499.68	499.54	503.10	500.77	0.40	ppb
Strontium	88-1	501.31	497.73	502.55	500.53	0.50	ppb
Sulfur	34-1	9848.68	9812.46	9891.92	9851.02	0.40	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	500.67	501.33	505.84	502.61	0.56	ppb
Thallium	205-1	500.44	493.89	499.32	497.88	0.70	ppb
Tin	118-1	505.12	498.16	500.67	501.32	0.70	ppb
Titanium	47-1	2507.52	2499.36	2508.07	2504.98	0.19	ppb
Uranium	238-1	499.62	495.76	498.22	497.86	0.39	ppb
Vanadium	51-2	500.64	501.88	501.70	501.41	0.13	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	1019.41	1021.04	1026.20	1022.22	0.35	ppb
Zirconium	90-1	502.31	501.01	503.87	502.40	0.29	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:01:02	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.47	499.20	501.31	499.99	0.23	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:04:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19512.20	19471.75	19491.16	19491.70	0.10	ppb
Antimony	121-1	1000.04	995.01	998.50	997.85	0.26	ppb
Arsenic	75-2	998.10	995.13	997.35	996.86	0.15	ppb
Barium	135-1	4997.89	4985.13	4978.04	4987.02	0.20	ppb
Barium	137-1	4980.47	5008.20	4954.25	4980.97	0.54	ppb
Beryllium	9-1	1000.35	1002.03	995.98	999.45	0.31	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	989.51	1014.83	1011.65	1005.33	1.37	ppb
Boron	11-1	982.86	1002.28	1027.87	1004.34	2.25	ppb
Cadmium	111-1	1002.16	985.72	991.29	993.06	0.84	ppb
Cadmium	106-1	995.20	992.27	997.93	995.13	0.28	ppb
Cadmium	108-1	999.16	991.26	988.46	992.96	0.56	ppb
Calcium	43-1	99914.72	98402.72	98117.84	98811.76	0.98	ppb
Calcium	44-1	98686.94	97805.40	97770.69	98087.68	0.53	ppb
Chromium	52-2	984.19	987.24	993.50	988.31	0.48	ppb
Cobalt	59-2	997.83	994.98	982.42	991.74	0.83	ppb
Copper	63-2	1983.09	1980.77	1962.42	1975.43	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				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	51232.26	50863.51	50832.33	50976.03	0.44	ppb
Iron	57-2	51751.22	51479.34	51366.61	51532.39	0.38	ppb
Lead	206-1	1004.96	1003.52	998.35	1002.28	0.35	ppb
Lead	207-1	1005.30	1003.44	999.88	1002.87	0.27	ppb
Lead	208-1	1004.36	999.09	999.02	1000.82	0.31	ppb
Lithium	6-1				98		%
Magnesium	24-2	100713.71	100370.41	100191.59	100425.23	0.26	ppb
Manganese	55-2	1983.66	1986.56	1991.13	1987.12	0.19	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:04:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4985.62	5015.42	4977.52	4992.86	0.40	ppb
Molybdenum	95-1	4995.42	5010.48	4960.02	4988.64	0.52	ppb
Molybdenum	96-1	5009.09	5001.55	4966.40	4992.35	0.46	ppb
Molybdenum	97-1	4995.90	5000.76	4982.38	4993.02	0.19	ppb
Molybdenum	98-1	4997.57	5009.47	4955.82	4987.62	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.64	987.79	982.23	986.22	0.35	ppb
Phosphorus	31-2	19677.09	19725.30	20045.58	19815.99	1.01	ppb
Potassium	39-2	49227.23	49052.70	49079.95	49119.96	0.19	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	1009.66	970.33	1013.69	997.89	2.40	ppb
Selenium	78-2	999.00	987.31	999.89	995.40	0.71	ppb
Selenium	82-1	994.99	991.15	994.32	993.49	0.21	ppb
Silicon	28-1	968.37	963.09	958.52	963.33	0.51	ppb
Silver	109-1	998.41	993.71	991.40	994.51	0.36	ppb
Silver	107-1	994.08	990.02	995.39	993.16	0.28	ppb
Sodium	23-2	100566.30	100337.61	100510.14	100471.35	0.12	ppb
Strontium	86-1	996.32	1003.54	996.18	998.68	0.42	ppb
Strontium	88-1	995.85	1002.52	998.58	998.98	0.34	ppb
Sulfur	34-1	20347.40	20345.92	20111.75	20268.36	0.67	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	998.20	998.84	999.76	998.94	0.08	ppb
Thallium	205-1	1002.71	1001.46	998.69	1000.95	0.21	ppb
Tin	118-1	1000.44	999.17	997.96	999.19	0.12	ppb
Titanium	47-1	5028.20	4988.32	4972.53	4996.35	0.57	ppb
Uranium	238-1	1007.25	999.73	998.73	1001.91	0.46	ppb
Vanadium	51-2	994.27	996.57	999.01	996.62	0.24	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	1978.96	1985.41	1964.77	1976.38	0.53	ppb
Zirconium	90-1	1002.97	993.46	996.03	997.49	0.49	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:04:44	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1001.79	998.88	997.75	999.48	0.21	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:08:27	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99417.16	100276.47	100601.55	100098.39	0.61	ppb
Antimony	121-1	2.62	2.56	2.51	2.57	2.23	ppb
Arsenic	75-2	0.35	0.44	0.40	0.40	11.92	ppb
Barium	135-1	1.53	1.41	1.45	1.46	4.17	ppb
Barium	137-1	1.59	1.43	1.36	1.46	8.24	ppb
Beryllium	9-1	0.35	0.30	0.33	0.33	7.51	ppb
Bismuth	209-1				82		%
Bismuth	209-2				84		%
Boron	10-1	43.91	37.87	34.64	38.81	12.13	ppb
Boron	11-1	42.90	37.66	33.54	38.04	12.32	ppb
Cadmium	111-1	0.17	0.12	0.11	0.13	22.75	ppb
Cadmium	106-1	-0.43	-0.14	-0.04	-0.20		ppb
Cadmium	108-1	0.20	0.26	0.12	0.19	38.02	ppb
Calcium	43-1	503611.56	497026.09	500222.21	500286.62	0.66	ppb
Calcium	44-1	501979.50	497829.09	501529.96	500446.19	0.46	ppb
Chromium	52-2	11.93	11.87	12.06	11.95	0.85	ppb
Cobalt	59-2	1.13	1.15	1.11	1.13	1.88	ppb
Copper	63-2	2.85	2.82	2.82	2.83	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				95		%
Iron	56-2	248906.09	250810.98	249211.22	249642.76	0.41	ppb
Iron	57-2	247904.66	250457.20	250179.16	249513.68	0.56	ppb
Lead	206-1	1.40	1.39	1.41	1.40	0.61	ppb
Lead	207-1	1.33	1.32	1.25	1.30	3.14	ppb
Lead	208-1	1.37	1.37	1.35	1.36	0.85	ppb
Lithium	6-1				93		%
Magnesium	24-2	496165.08	502233.63	500682.01	499693.57	0.63	ppb
Manganese	55-2	5.71	5.81	5.68	5.73	1.16	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:08:27	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.99	2.77	2.75	2.84	4.73	ppb
Molybdenum	95-1	3.98	3.44	3.48	3.63	8.35	ppb
Molybdenum	96-1	4.57	4.23	4.25	4.35	4.40	ppb
Molybdenum	97-1	3.81	3.64	3.56	3.67	3.56	ppb
Molybdenum	98-1	3.62	3.50	3.53	3.55	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.86	9.80	9.77	9.81	0.45	ppb
Phosphorus	31-2	15.95	9.46	20.44	15.28	36.11	ppb
Potassium	39-2	249340.09	251278.43	249887.25	250168.59	0.40	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	77-2	0.89	0.44	1.78	1.04	65.49	ppb
Selenium	78-2	0.03	0.63	0.63	0.43	80.01	ppb
Selenium	82-1	0.01	0.94	0.01	0.32	166.52	ppb
Silicon	28-1	182.93	183.47	186.08	184.16	0.92	ppb
Silver	109-1	0.16	0.12	0.12	0.13	16.21	ppb
Silver	107-1	0.15	0.13	0.13	0.14	9.78	ppb
Sodium	23-2	498842.91	503330.41	496927.49	499700.27	0.66	ppb
Strontium	86-1	35.05	34.98	35.31	35.11	0.49	ppb
Strontium	88-1	34.95	34.80	34.90	34.88	0.22	ppb
Sulfur	34-1	-656.58	-708.40	-631.10	-665.36		ppb
Terbium	159-1				93		%
Terbium	159-2				97		%
Thallium	203-1	0.53	0.48	0.43	0.48	10.28	ppb
Thallium	205-1	0.52	0.46	0.45	0.48	7.17	ppb
Tin	118-1	1.27	1.17	1.14	1.19	5.57	ppb
Titanium	47-1	1.27	1.33	1.28	1.29	2.66	ppb
Uranium	238-1	0.10	0.08	0.08	0.09	14.26	ppb
Vanadium	51-2	0.19	0.20	0.22	0.20	7.37	ppb
Yttrium	89-1				96		%
Yttrium	89-2				102		%
Zinc	66-2	4.90	4.96	5.11	4.99	2.18	ppb
Zirconium	90-1	0.18	0.18	0.17	0.18	3.24	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:08:27	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.20	0.18	0.18	9.35	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:14:09	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.22	489.81	493.05	489.36	0.80	ppb
Antimony	121-1	193.79	193.63	195.14	194.18	0.43	ppb
Arsenic	75-2	195.20	192.66	196.26	194.71	0.95	ppb
Barium	135-1	99.34	99.10	98.77	99.07	0.29	ppb
Barium	137-1	98.69	98.44	98.69	98.61	0.15	ppb
Beryllium	9-1	97.65	97.19	96.39	97.08	0.66	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	548.88	553.85	564.00	555.57	1.39	ppb
Boron	11-1	551.72	557.74	558.79	556.08	0.69	ppb
Cadmium	111-1	105.69	104.51	105.14	105.11	0.56	ppb
Cadmium	106-1	166.96	167.38	168.48	167.61	0.47	ppb
Cadmium	108-1	136.61	139.57	137.06	137.75	1.16	ppb
Calcium	43-1	2140.49	2132.14	2106.66	2126.43	0.83	ppb
Calcium	44-1	2038.79	2049.63	2063.71	2050.71	0.61	ppb
Chromium	52-2	94.02	94.02	94.18	94.08	0.10	ppb
Cobalt	59-2	98.25	98.79	98.71	98.58	0.30	ppb
Copper	63-2	99.62	99.70	99.89	99.74	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	994.94	997.97	1001.63	998.18	0.34	ppb
Iron	57-2	1016.74	1008.66	1027.72	1017.71	0.94	ppb
Lead	206-1	194.47	191.09	194.68	193.41	1.04	ppb
Lead	207-1	186.99	183.27	185.42	185.23	1.01	ppb
Lead	208-1	191.80	189.06	191.52	190.80	0.79	ppb
Lithium	6-1				105		%
Magnesium	24-2	1180.80	1180.63	1178.05	1179.83	0.13	ppb
Manganese	55-2	96.71	97.08	96.97	96.92	0.20	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:14:09	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1110.60	1112.91	1119.31	1114.27	0.40	ppb
Molybdenum	95-1	493.04	495.33	495.76	494.71	0.30	ppb
Molybdenum	96-1	568.99	571.59	573.01	571.20	0.36	ppb
Molybdenum	97-1	490.20	486.05	494.31	490.19	0.84	ppb
Molybdenum	98-1	494.07	492.00	496.80	494.29	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.72	100.66	99.98	100.12	0.49	ppb
Phosphorus	31-2	3.99	0.76	-2.26	0.83	376.31	ppb
Potassium	39-2	1925.86	1946.45	1951.18	1941.16	0.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	192.46	187.87	198.87	193.07	2.86	ppb
Selenium	78-2	200.19	205.41	201.54	202.38	1.34	ppb
Selenium	82-1	198.64	198.94	202.72	200.10	1.14	ppb
Silicon	28-1	470.56	467.41	475.39	471.12	0.85	ppb
Silver	109-1	101.06	100.75	101.05	100.95	0.17	ppb
Silver	107-1	102.69	102.01	102.63	102.44	0.37	ppb
Sodium	23-2	1960.65	1950.17	1976.42	1962.41	0.67	ppb
Strontium	86-1	495.21	493.59	497.57	495.46	0.40	ppb
Strontium	88-1	494.63	492.88	494.94	494.15	0.23	ppb
Sulfur	34-1	-710.35	-734.99	-774.73	-740.02		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	197.63	196.58	196.67	196.96	0.29	ppb
Thallium	205-1	201.51	199.02	203.20	201.24	1.04	ppb
Tin	118-1	510.10	507.67	512.49	510.09	0.47	ppb
Titanium	47-1	500.84	497.03	501.66	499.84	0.49	ppb
Uranium	238-1	509.86	507.18	509.35	508.80	0.28	ppb
Vanadium	51-2	94.64	95.48	94.82	94.98	0.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	201.57	201.34	202.46	201.79	0.29	ppb
Zirconium	90-1	490.58	488.61	491.78	490.32	0.33	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:14:09	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.30	485.41	493.95	489.22	0.89	ppb

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 15:18:50 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.51	1.19	1.66	1.45	16.51	ppb
Antimony	121-1	0.56	0.54	0.52	0.54	3.91	ppb
Arsenic	75-2	0.01	0.04	0.02	0.02	69.49	ppb
Barium	135-1	-0.01	-0.03	-0.01	-0.02		ppb
Barium	137-1	0.01	0.00	0.01	0.01	79.25	ppb
Beryllium	9-1	0.06	0.10	0.08	0.08	25.75	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	11.40	10.32	9.84	10.52	7.60	ppb
Boron	11-1	10.64	10.90	9.91	10.48	4.91	ppb
Cadmium	111-1	0.04	-0.04	-0.03	-0.01		ppb
Cadmium	106-1	0.48	-0.66	-0.67	-0.28		ppb
Cadmium	108-1	0.05	-0.05	-0.01	-0.01		ppb
Calcium	43-1	-6.12	2.07	-1.08	-1.71		ppb
Calcium	44-1	9.72	11.18	8.28	9.73	14.91	ppb
Chromium	52-2	-0.09	-0.04	-0.04	-0.06		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	129.92	ppb
Copper	63-2	0.03	0.01	0.03	0.02	43.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	1.73	1.71	1.67	1.70	1.75	ppb
Iron	57-2	1.29	2.03	1.91	1.74	22.64	ppb
Lead	206-1	0.05	0.05	0.06	0.05	13.71	ppb
Lead	207-1	0.08	0.08	0.06	0.07	10.91	ppb
Lead	208-1	0.07	0.07	0.06	0.07	5.79	ppb
Lithium	6-1				105		%
Magnesium	24-2	-2.71	-3.04	-2.25	-2.66		ppb
Manganese	55-2	0.03	0.03	-0.01	0.01	172.52	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:18:50	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.31	0.29	0.29	5.46	ppb
Molybdenum	95-1	0.32	0.34	0.32	0.33	3.19	ppb
Molybdenum	96-1	0.33	0.31	0.31	0.32	4.04	ppb
Molybdenum	97-1	0.32	0.32	0.33	0.32	1.09	ppb
Molybdenum	98-1	0.30	0.30	0.32	0.31	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	559.61	ppb
Phosphorus	31-2	2.99	-12.87	-5.14	-5.01		ppb
Potassium	39-2	18.60	17.90	19.16	18.56	3.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.43	0.85	0.43	99.87	ppb
Selenium	78-2	-0.09	-0.09	-0.25	-0.14		ppb
Selenium	82-1	-0.55	-0.10	0.02	-0.21		ppb
Silicon	28-1	1.03	0.93	1.04	1.00	5.86	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.35	ppb
Silver	107-1	0.01	0.02	0.01	0.01	26.01	ppb
Sodium	23-2	15.62	16.27	16.42	16.11	2.64	ppb
Strontium	86-1	0.02	0.00	0.07	0.03	127.54	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	42.62	ppb
Sulfur	34-1	-641.57	-480.61	-556.96	-559.71		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.10	0.09	0.09	8.84	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	4.95	ppb
Tin	118-1	0.25	0.23	0.24	0.24	4.14	ppb
Titanium	47-1	0.04	0.08	0.09	0.07	40.99	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.06	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	45.98	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	-0.09	0.05	0.23	0.06	252.95	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	12.82	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:18:50	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.03	0.05	42.44	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:22:23	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91900.14	92196.83	91740.04	91945.67	0.25	ppb
Antimony	121-1	1.42	1.46	1.62	1.50	7.01	ppb
Arsenic	75-2	0.31	0.29	0.39	0.33	17.11	ppb
Barium	135-1	1.45	1.44	1.64	1.51	7.48	ppb
Barium	137-1	1.51	1.55	1.52	1.53	1.28	ppb
Beryllium	9-1	0.43	0.31	0.30	0.35	20.45	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	11.08	11.79	9.63	10.83	10.20	ppb
Boron	11-1	9.70	10.06	10.38	10.05	3.41	ppb
Cadmium	111-1	0.25	0.44	0.26	0.32	33.59	ppb
Cadmium	106-1	-1.69	0.27	-1.91	-1.11		ppb
Cadmium	108-1	10.63	10.07	10.63	10.45	3.10	ppb
Calcium	43-1	95334.73	95837.33	96292.62	95821.56	0.50	ppb
Calcium	44-1	95605.56	95419.28	96391.05	95805.29	0.54	ppb
Chromium	52-2	19.03	18.94	19.25	19.07	0.84	ppb
Cobalt	59-2	1.13	1.17	1.17	1.16	2.13	ppb
Copper	63-2	8.23	8.17	8.26	8.22	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	100832.05	100979.66	100567.19	100792.97	0.21	ppb
Iron	57-2	100883.93	100839.93	100517.09	100746.98	0.20	ppb
Lead	206-1	4.81	4.68	4.75	4.75	1.30	ppb
Lead	207-1	4.17	4.06	4.09	4.10	1.41	ppb
Lead	208-1	4.45	4.31	4.35	4.37	1.71	ppb
Lithium	6-1				99		%
Magnesium	24-2	98445.03	98945.39	98008.29	98466.24	0.48	ppb
Manganese	55-2	7.87	8.07	7.90	7.95	1.33	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:22:23	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1312.89	1337.24	1327.61	1325.91	0.92	ppb
Molybdenum	95-1	1917.62	1956.20	1939.20	1937.67	1.00	ppb
Molybdenum	96-1	1847.53	1858.50	1861.99	1856.01	0.41	ppb
Molybdenum	97-1	1910.95	1944.28	1938.67	1931.30	0.92	ppb
Molybdenum	98-1	1921.73	1946.47	1950.17	1939.46	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.14	5.16	5.40	5.23	2.72	ppb
Phosphorus	31-2	97937.32	99562.23	98749.06	98749.53	0.82	ppb
Potassium	39-2	98490.78	98479.18	98163.89	98377.95	0.19	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.43	0.14	173.21	ppb
Selenium	78-2	0.29	-0.28	0.38	0.13	274.77	ppb
Selenium	82-1	-0.33	-0.04	-0.02	-0.13		ppb
Silicon	28-1	21.56	21.82	22.19	21.86	1.45	ppb
Silver	109-1	0.07	0.10	0.11	0.09	17.59	ppb
Silver	107-1	0.10	0.10	0.13	0.11	14.13	ppb
Sodium	23-2	100427.24	100226.54	99088.26	99914.01	0.72	ppb
Strontium	86-1	33.40	33.57	33.71	33.56	0.46	ppb
Strontium	88-1	33.42	33.55	33.41	33.46	0.24	ppb
Sulfur	34-1	86526.31	87802.86	88862.16	87730.44	1.33	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.38	0.37	0.36	0.37	1.86	ppb
Thallium	205-1	0.37	0.40	0.37	0.38	3.77	ppb
Tin	118-1	0.29	0.24	0.29	0.28	9.76	ppb
Titanium	47-1	1953.63	1963.34	1975.73	1964.23	0.56	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	12.51	ppb
Vanadium	51-2	0.15	0.17	0.16	0.16	4.69	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	10.93	10.91	11.18	11.01	1.34	ppb
Zirconium	90-1	0.37	0.31	0.27	0.32	15.86	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:22:23	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.37	0.31	0.25	0.31	19.13	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:25:56	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91912.68	91242.38	91488.80	91547.95	0.37	ppb
Antimony	121-1	21.21	20.89	20.95	21.02	0.81	ppb
Arsenic	75-2	19.95	20.12	18.94	19.67	3.25	ppb
Barium	135-1	21.82	21.79	21.16	21.59	1.73	ppb
Barium	137-1	22.18	21.35	21.35	21.63	2.21	ppb
Beryllium	9-1	20.17	20.98	20.94	20.69	2.21	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	59.96	58.81	62.64	60.47	3.25	ppb
Boron	11-1	60.52	59.96	61.80	60.76	1.56	ppb
Cadmium	111-1	20.43	20.39	20.10	20.31	0.90	ppb
Cadmium	106-1	23.03	24.63	24.79	24.15	4.03	ppb
Cadmium	108-1	32.75	33.45	31.68	32.63	2.74	ppb
Calcium	43-1	96888.58	96647.67	95594.08	96376.78	0.71	ppb
Calcium	44-1	96488.29	96123.50	96293.59	96301.79	0.19	ppb
Chromium	52-2	38.02	38.75	38.39	38.38	0.95	ppb
Cobalt	59-2	20.93	20.74	21.05	20.91	0.77	ppb
Copper	63-2	27.93	28.29	27.90	28.04	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	100771.14	100311.99	101131.15	100738.09	0.41	ppb
Iron	57-2	100522.40	101135.81	101067.78	100908.66	0.33	ppb
Lead	206-1	24.84	24.90	24.58	24.77	0.68	ppb
Lead	207-1	23.34	22.84	22.93	23.03	1.15	ppb
Lead	208-1	23.92	23.87	23.73	23.84	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	98649.20	98290.29	98776.99	98572.16	0.26	ppb
Manganese	55-2	27.19	27.98	27.75	27.64	1.47	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:25:56	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1446.25	1437.58	1437.72	1440.51	0.34	ppb
Molybdenum	95-1	1994.95	1985.26	1984.15	1988.12	0.30	ppb
Molybdenum	96-1	1910.34	1911.08	1926.17	1915.86	0.47	ppb
Molybdenum	97-1	1985.68	1988.46	1987.49	1987.21	0.07	ppb
Molybdenum	98-1	1986.07	1991.14	1989.77	1988.99	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.03	24.49	25.03	24.85	1.26	ppb
Phosphorus	31-2	98105.27	98220.74	98775.04	98367.02	0.36	ppb
Potassium	39-2	98179.76	98446.73	98614.57	98413.69	0.22	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	16.78	21.06	21.48	19.77	13.14	ppb
Selenium	78-2	22.36	21.60	19.19	21.05	7.85	ppb
Selenium	82-1	19.86	20.17	20.22	20.08	0.99	ppb
Silicon	28-1	69.95	69.93	69.29	69.72	0.54	ppb
Silver	109-1	19.20	18.84	19.22	19.09	1.11	ppb
Silver	107-1	19.45	19.35	19.07	19.29	1.02	ppb
Sodium	23-2	100122.70	99499.77	100616.73	100079.73	0.56	ppb
Strontium	86-1	82.63	82.59	83.28	82.83	0.47	ppb
Strontium	88-1	83.18	83.04	82.86	83.03	0.19	ppb
Sulfur	34-1	87875.17	86863.52	86475.01	87071.23	0.83	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	20.68	20.57	20.25	20.50	1.08	ppb
Thallium	205-1	20.68	20.49	20.54	20.57	0.47	ppb
Tin	118-1	50.11	49.61	49.60	49.77	0.58	ppb
Titanium	47-1	2036.37	2015.62	2031.27	2027.76	0.53	ppb
Uranium	238-1	50.67	49.77	50.08	50.17	0.91	ppb
Vanadium	51-2	19.48	19.56	19.64	19.56	0.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	31.04	30.60	30.66	30.77	0.77	ppb
Zirconium	90-1	49.06	48.95	49.41	49.14	0.48	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:25:56	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.72	48.48	48.80	49.00	1.31	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:29:29	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50373.12	50484.02	50545.42	50467.52	0.17	ppb
Antimony	121-1	503.12	507.55	507.15	505.94	0.48	ppb
Arsenic	75-2	500.57	500.79	498.79	500.05	0.22	ppb
Barium	135-1	2581.78	2594.71	2582.70	2586.40	0.28	ppb
Barium	137-1	2561.15	2592.82	2564.19	2572.72	0.68	ppb
Beryllium	9-1	527.21	523.67	520.95	523.94	0.60	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	10-1	518.95	524.64	529.91	524.50	1.05	ppb
Boron	11-1	518.45	525.05	538.85	527.45	1.97	ppb
Cadmium	111-1	495.56	497.05	493.57	495.39	0.35	ppb
Cadmium	106-1	499.51	497.67	502.86	500.01	0.53	ppb
Cadmium	108-1	497.96	500.82	509.09	502.62	1.15	ppb
Calcium	43-1	253124.74	249974.69	249651.70	250917.04	0.76	ppb
Calcium	44-1	251107.38	249062.71	247007.77	249059.29	0.82	ppb
Chromium	52-2	499.56	505.54	501.69	502.26	0.60	ppb
Cobalt	59-2	480.93	489.63	486.57	485.71	0.91	ppb
Copper	63-2	949.39	953.64	952.33	951.79	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				97		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	123204.10	124923.32	124187.83	124105.08	0.70	ppb
Iron	57-2	123442.16	124793.78	124865.23	124367.06	0.64	ppb
Lead	206-1	509.74	506.92	511.12	509.26	0.42	ppb
Lead	207-1	508.43	506.25	509.45	508.05	0.32	ppb
Lead	208-1	511.93	511.57	513.69	512.40	0.22	ppb
Lithium	6-1				97		%
Magnesium	24-2	255048.54	257466.63	257879.87	256798.35	0.60	ppb
Manganese	55-2	992.91	1003.79	1000.62	999.11	0.56	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:29:29	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2545.11	2539.10	2564.28	2549.50	0.52	ppb
Molybdenum	95-1	2544.93	2545.79	2566.70	2552.47	0.48	ppb
Molybdenum	96-1	2535.53	2534.78	2558.91	2543.07	0.54	ppb
Molybdenum	97-1	2541.05	2514.29	2566.72	2540.69	1.03	ppb
Molybdenum	98-1	2544.76	2526.33	2568.51	2546.53	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.82	485.97	483.84	483.21	0.65	ppb
Phosphorus	31-2	10312.26	10335.14	10095.72	10247.71	1.29	ppb
Potassium	39-2	127262.72	127279.67	126976.61	127173.00	0.13	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	483.54	477.60	504.90	488.68	2.94	ppb
Selenium	78-2	508.08	490.16	495.04	497.76	1.86	ppb
Selenium	82-1	490.98	489.22	493.00	491.07	0.39	ppb
Silicon	28-1	556.52	559.82	569.92	562.09	1.24	ppb
Silver	109-1	494.15	498.63	500.33	497.70	0.64	ppb
Silver	107-1	497.43	502.43	499.87	499.91	0.50	ppb
Sodium	23-2	253508.29	254071.92	253684.75	253754.99	0.11	ppb
Strontium	86-1	522.07	514.48	522.36	519.63	0.86	ppb
Strontium	88-1	522.62	519.55	522.41	521.53	0.33	ppb
Sulfur	34-1	9698.49	9522.65	9655.22	9625.45	0.95	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	516.53	514.39	516.41	515.78	0.23	ppb
Thallium	205-1	518.84	515.40	517.63	517.29	0.34	ppb
Tin	118-1	502.42	504.01	503.84	503.42	0.17	ppb
Titanium	47-1	2551.27	2517.43	2531.80	2533.50	0.67	ppb
Uranium	238-1	526.23	521.36	522.51	523.36	0.49	ppb
Vanadium	51-2	499.15	506.12	500.59	501.95	0.73	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	940.13	951.39	946.42	945.98	0.60	ppb
Zirconium	90-1	510.16	510.67	512.17	511.00	0.21	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:29:29	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.31	507.46	507.79	506.85	0.27	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:33:06	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.61	0.65	1.14	1.14	42.20	ppb
Antimony	121-1	1.53	1.45	1.34	1.44	6.61	ppb
Arsenic	75-2	0.08	0.10	0.08	0.09	10.50	ppb
Barium	135-1	0.12	0.09	0.06	0.09	30.67	ppb
Barium	137-1	0.12	0.08	0.05	0.08	42.11	ppb
Beryllium	9-1	0.23	0.15	0.15	0.18	25.23	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	17.77	16.16	14.39	16.11	10.50	ppb
Boron	11-1	18.65	16.30	14.60	16.52	12.33	ppb
Cadmium	111-1	0.01	0.00	-0.05	-0.01		ppb
Cadmium	106-1	-0.57	-0.46	-1.21	-0.75		ppb
Cadmium	108-1	0.01	0.12	0.06	0.06	89.43	ppb
Calcium	43-1	12.79	9.12	7.63	9.85	26.96	ppb
Calcium	44-1	26.67	18.46	12.95	19.36	35.68	ppb
Chromium	52-2	-0.09	-0.04	-0.06	-0.06		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	367.72	ppb
Copper	63-2	0.24	0.16	0.16	0.19	25.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	6.22	5.68	5.60	5.84	5.79	ppb
Iron	57-2	6.14	7.46	5.06	6.22	19.34	ppb
Lead	206-1	0.16	0.16	0.14	0.15	4.61	ppb
Lead	207-1	0.17	0.15	0.15	0.15	6.96	ppb
Lead	208-1	0.15	0.15	0.15	0.15	0.20	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.34	-0.55	-0.07	-0.32		ppb
Manganese	55-2	0.02	0.02	0.03	0.02	22.02	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:33:06	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.98	0.93	0.89	0.93	5.18	ppb
Molybdenum	95-1	1.21	1.19	1.00	1.13	10.39	ppb
Molybdenum	96-1	1.15	1.08	0.99	1.07	7.67	ppb
Molybdenum	97-1	1.26	1.10	1.03	1.13	10.32	ppb
Molybdenum	98-1	1.24	1.12	1.05	1.14	8.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.02	0.00	446.92	ppb
Phosphorus	31-2	-1.05	0.49	16.23	5.23	182.99	ppb
Potassium	39-2	38.98	34.81	37.49	37.09	5.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.42	0.00	0.14	173.21	ppb
Selenium	78-2	0.42	0.47	0.49	0.46	7.68	ppb
Selenium	82-1	0.65	0.03	-0.05	0.21	180.18	ppb
Silicon	28-1	3.40	2.68	1.78	2.62	31.01	ppb
Silver	109-1	0.06	0.06	0.05	0.06	11.52	ppb
Silver	107-1	0.06	0.07	0.05	0.06	13.23	ppb
Sodium	23-2	43.78	39.49	38.17	40.48	7.25	ppb
Strontium	86-1	-0.01	0.03	0.00	0.01	409.19	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	36.82	ppb
Sulfur	34-1	-772.36	-829.51	-976.14	-859.33		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.18	0.15	0.13	0.15	14.06	ppb
Thallium	205-1	0.17	0.17	0.15	0.17	8.06	ppb
Tin	118-1	0.35	0.34	0.33	0.34	2.39	ppb
Titanium	47-1	0.26	0.22	0.12	0.20	37.76	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	15.45	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	33.21	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	-0.02	0.56	0.16	0.23	129.09	ppb
Zirconium	90-1	0.11	0.11	0.10	0.11	6.34	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:33:06	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.10	0.10	0.10	9.53	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:36:37	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.01	18.82	20.02	18.95	5.35	ppb
Antimony	121-1	2.14	2.18	2.18	2.17	1.11	ppb
Arsenic	75-2	0.89	1.03	0.98	0.97	7.15	ppb
Barium	135-1	9.40	8.96	8.88	9.08	3.09	ppb
Barium	137-1	9.12	9.24	9.26	9.21	0.82	ppb
Beryllium	9-1	1.15	1.00	0.94	1.03	10.56	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	29.38	30.67	32.28	30.78	4.71	ppb
Boron	11-1	29.21	29.84	29.13	29.39	1.31	ppb
Cadmium	111-1	0.99	0.86	0.88	0.91	7.34	ppb
Cadmium	106-1	1.88	0.43	-0.08	0.74	137.01	ppb
Cadmium	108-1	1.02	0.93	1.08	1.01	7.30	ppb
Calcium	43-1	431.51	456.07	411.34	432.97	5.17	ppb
Calcium	44-1	444.17	438.38	436.35	439.63	0.92	ppb
Chromium	52-2	1.87	1.80	1.87	1.85	2.06	ppb
Cobalt	59-2	0.99	0.91	0.94	0.95	4.09	ppb
Copper	63-2	1.95	1.94	1.94	1.94	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				99		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	50.22	48.98	49.13	49.45	1.37	ppb
Iron	57-2	51.79	50.81	50.37	50.99	1.42	ppb
Lead	206-1	0.97	0.94	0.97	0.96	1.81	ppb
Lead	207-1	1.01	0.98	1.01	1.00	1.66	ppb
Lead	208-1	1.00	0.98	1.00	0.99	1.25	ppb
Lithium	6-1				105		%
Magnesium	24-2	458.50	463.44	460.18	460.71	0.55	ppb
Manganese	55-2	0.89	0.97	1.03	0.96	7.05	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:36:37	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.97	4.83	4.77	4.86	2.02	ppb
Molybdenum	95-1	4.86	4.63	4.64	4.71	2.73	ppb
Molybdenum	96-1	4.67	4.74	4.86	4.76	1.95	ppb
Molybdenum	97-1	4.80	4.88	4.75	4.81	1.40	ppb
Molybdenum	98-1	4.78	4.69	4.74	4.74	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.01	1.01	1.00	0.72	ppb
Phosphorus	31-2	6.83	2.18	-15.07	-2.02		ppb
Potassium	39-2	479.08	479.14	476.78	478.33	0.28	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	2.94	6.30	5.03	4.76	35.72	ppb
Selenium	78-2	3.96	5.10	4.95	4.67	13.27	ppb
Selenium	82-1	4.66	4.65	4.59	4.63	0.84	ppb
Silicon	28-1	13.20	12.68	12.84	12.91	2.04	ppb
Silver	109-1	0.98	1.00	0.96	0.98	2.09	ppb
Silver	107-1	1.03	1.01	0.99	1.01	2.38	ppb
Sodium	23-2	495.99	492.31	485.99	491.43	1.03	ppb
Strontium	86-1	0.86	0.98	0.83	0.89	8.89	ppb
Strontium	88-1	0.92	0.93	0.92	0.92	0.56	ppb
Sulfur	34-1	-575.44	-697.38	-733.41	-668.74		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.95	0.98	0.96	0.96	1.41	ppb
Thallium	205-1	0.97	0.97	0.96	0.97	0.46	ppb
Tin	118-1	4.80	4.73	4.58	4.70	2.38	ppb
Titanium	47-1	4.60	4.67	4.37	4.55	3.47	ppb
Uranium	238-1	0.87	0.86	0.83	0.85	1.85	ppb
Vanadium	51-2	4.40	4.45	4.51	4.45	1.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	2.55	1.94	2.37	2.29	13.68	ppb
Zirconium	90-1	1.08	1.02	0.99	1.03	4.52	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:36:37	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.09	0.97	1.06	1.04	5.90	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:40:09	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.83	0.27	0.50	0.53	52.18	ppb
Antimony	121-1	0.18	0.20	0.20	0.20	6.53	ppb
Arsenic	75-2	0.02	0.01	0.01	0.01	35.93	ppb
Barium	135-1	-0.02	0.02	-0.01	0.00		ppb
Barium	137-1	0.01	0.01	0.02	0.01	40.53	ppb
Beryllium	9-1	0.10	0.10	0.04	0.08	42.53	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	5.65	6.60	6.97	6.40	10.63	ppb
Boron	11-1	6.61	6.57	6.17	6.45	3.78	ppb
Cadmium	111-1	0.08	0.06	-0.03	0.04	165.84	ppb
Cadmium	106-1	0.93	0.60	-0.69	0.28	309.73	ppb
Cadmium	108-1	0.05	0.03	0.03	0.03	36.87	ppb
Calcium	43-1	-1.05	-0.19	-1.84	-1.03		ppb
Calcium	44-1	4.45	3.25	0.20	2.63	83.30	ppb
Chromium	52-2	-0.07	-0.08	-0.07	-0.07		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	116.90	ppb
Copper	63-2	0.00	-0.06	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	1.84	1.83	1.89	1.85	1.71	ppb
Iron	57-2	2.88	2.76	2.48	2.71	7.53	ppb
Lead	206-1	0.08	0.07	0.07	0.07	8.93	ppb
Lead	207-1	0.10	0.11	0.08	0.10	15.57	ppb
Lead	208-1	0.09	0.09	0.08	0.09	4.89	ppb
Lithium	6-1				106		%
Magnesium	24-2	-3.07	-2.47	-2.93	-2.82		ppb
Manganese	55-2	0.02	0.01	0.01	0.01	55.92	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:40:09	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.17	0.21	0.18	15.32	ppb
Molybdenum	95-1	0.21	0.19	0.20	0.20	4.85	ppb
Molybdenum	96-1	0.18	0.22	0.20	0.20	11.94	ppb
Molybdenum	97-1	0.16	0.16	0.16	0.16	0.76	ppb
Molybdenum	98-1	0.21	0.18	0.20	0.20	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-3.95	5.70	8.54	3.43	190.96	ppb
Potassium	39-2	19.55	21.96	19.73	20.41	6.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.12	-0.62	1.21	0.16	594.04	ppb
Selenium	82-1	0.46	-0.21	-0.38	-0.04		ppb
Silicon	28-1	0.68	0.17	-0.11	0.25	161.89	ppb
Silver	109-1	0.02	0.01	0.01	0.01	29.33	ppb
Silver	107-1	0.01	0.02	0.02	0.02	48.84	ppb
Sodium	23-2	23.44	22.21	22.90	22.85	2.69	ppb
Strontium	86-1	0.00	-0.02	0.03	0.00	1477.47	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-510.40	-602.83	-596.75	-569.99		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.04	0.06	0.06	17.47	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	13.03	ppb
Tin	118-1	0.09	0.11	0.10	0.10	8.54	ppb
Titanium	47-1	0.00	0.03	0.04	0.03	87.94	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.68	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	71.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	0.20	0.17	0.48	0.28	61.18	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	21.29	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:40:09	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.03	11.91	ppb

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : PB104058BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 15:43:41 DataFile Name : 020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.81	41.71	36.16	38.22	7.94	ppb
Antimony	121-1	3.92	3.98	4.06	3.99	1.73	ppb
Arsenic	75-2	1.95	1.91	2.03	1.96	2.98	ppb
Barium	135-1	19.40	18.89	19.00	19.10	1.39	ppb
Barium	137-1	19.18	19.27	19.13	19.19	0.36	ppb
Beryllium	9-1	2.15	2.12	2.04	2.10	2.63	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	50.49	49.70	53.91	51.37	4.35	ppb
Boron	11-1	49.80	49.30	51.27	50.13	2.03	ppb
Cadmium	111-1	2.13	1.87	1.99	2.00	6.29	ppb
Cadmium	106-1	2.84	2.04	2.32	2.40	16.85	ppb
Cadmium	108-1	2.12	2.21	2.23	2.18	2.68	ppb
Calcium	43-1	913.01	915.84	914.57	914.47	0.16	ppb
Calcium	44-1	939.73	925.94	928.83	931.50	0.78	ppb
Chromium	52-2	4.20	4.00	4.02	4.07	2.63	ppb
Cobalt	59-2	2.04	1.93	1.96	1.98	2.68	ppb
Copper	63-2	3.85	3.99	3.97	3.94	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	426.17	423.91	426.34	425.48	0.32	ppb
Iron	57-2	447.23	433.22	437.73	439.39	1.63	ppb
Lead	206-1	2.00	1.87	1.92	1.93	3.34	ppb
Lead	207-1	1.93	1.95	1.90	1.93	1.23	ppb
Lead	208-1	1.94	1.91	1.95	1.93	1.05	ppb
Lithium	6-1				104		%
Magnesium	24-2	975.32	960.70	980.68	972.23	1.06	ppb
Manganese	55-2	2.09	1.97	2.22	2.09	6.15	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:43:41	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.60	9.75	9.62	9.66	0.85	ppb
Molybdenum	95-1	9.61	9.54	9.47	9.54	0.71	ppb
Molybdenum	96-1	9.71	9.50	9.28	9.49	2.26	ppb
Molybdenum	97-1	9.55	9.43	9.44	9.47	0.70	ppb
Molybdenum	98-1	9.44	9.39	9.40	9.41	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	1.97	2.02	2.01	1.48	ppb
Phosphorus	31-2	2.92	28.00	2.74	11.22	129.52	ppb
Potassium	39-2	948.72	963.43	961.87	958.01	0.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	9.06	7.67	8.91	8.55	8.92	ppb
Selenium	78-2	10.41	10.11	9.84	10.12	2.81	ppb
Selenium	82-1	9.98	9.55	10.17	9.90	3.19	ppb
Silicon	28-1	28.32	28.37	28.04	28.24	0.63	ppb
Silver	109-1	2.14	2.04	2.06	2.08	2.74	ppb
Silver	107-1	2.11	2.05	2.05	2.07	1.82	ppb
Sodium	23-2	1002.53	994.52	985.71	994.26	0.85	ppb
Strontium	86-1	2.08	2.00	1.87	1.98	5.21	ppb
Strontium	88-1	1.90	1.94	1.92	1.92	1.09	ppb
Sulfur	34-1	-358.31	-325.98	-367.37	-350.55		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	1.99	1.91	1.89	1.93	2.83	ppb
Thallium	205-1	1.91	1.89	1.94	1.91	1.16	ppb
Tin	118-1	9.63	9.59	9.58	9.60	0.30	ppb
Titanium	47-1	9.16	9.62	9.60	9.46	2.73	ppb
Uranium	238-1	1.70	1.80	1.78	1.76	2.86	ppb
Vanadium	51-2	9.44	9.35	9.33	9.37	0.61	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	4.48	4.38	4.08	4.31	4.81	ppb
Zirconium	90-1	1.98	1.99	1.92	1.96	1.87	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:43:41	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.98	1.90	1.88	1.92	2.86	ppb

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : PB104057BL Instrumnet Name : P7
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 15:47:12 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	-0.29	-0.37	-0.23		ppb
Antimony	121-1	0.11	0.12	0.11	0.11	5.91	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.02	-0.01	-0.02	0.00		ppb
Barium	137-1	-0.02	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.04	0.05	0.07	0.05	26.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	5.67	4.74	4.58	5.00	11.75	ppb
Boron	11-1	5.01	4.78	4.83	4.87	2.56	ppb
Cadmium	111-1	0.07	0.01	-0.02	0.02	242.09	ppb
Cadmium	106-1	0.81	0.21	-0.31	0.23	239.65	ppb
Cadmium	108-1	-0.05	0.14	-0.01	0.03	378.35	ppb
Calcium	43-1	-3.13	-3.38	-3.60	-3.37		ppb
Calcium	44-1	0.29	3.61	0.36	1.42	133.68	ppb
Chromium	52-2	-0.13	-0.07	-0.07	-0.09		ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	-0.10	-0.06	-0.11	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	1.13	0.98	0.96	1.02	9.01	ppb
Iron	57-2	1.54	1.90	1.70	1.72	10.56	ppb
Lead	206-1	0.06	0.06	0.05	0.06	15.96	ppb
Lead	207-1	0.07	0.07	0.06	0.06	12.22	ppb
Lead	208-1	0.06	0.06	0.05	0.06	11.67	ppb
Lithium	6-1				105		%
Magnesium	24-2	-2.13	-1.14	-1.21	-1.49		ppb
Manganese	55-2	0.02	0.01	0.02	0.01	46.56	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:47:12	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.08	0.11	0.10	15.02	ppb
Molybdenum	95-1	0.10	0.12	0.08	0.10	15.87	ppb
Molybdenum	96-1	0.09	0.11	0.08	0.09	13.92	ppb
Molybdenum	97-1	0.10	0.09	0.10	0.10	4.18	ppb
Molybdenum	98-1	0.08	0.10	0.10	0.09	16.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	4.66	5.88	-3.33	2.41	208.08	ppb
Potassium	39-2	20.66	14.04	18.77	17.82	19.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.43	0.00	0.14	173.21	ppb
Selenium	78-2	-0.74	0.20	-0.23	-0.26		ppb
Selenium	82-1	0.27	-0.06	0.31	0.17	114.98	ppb
Silicon	28-1	0.31	0.77	0.13	0.41	81.66	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.93	ppb
Silver	107-1	0.00	0.02	0.01	0.01	68.28	ppb
Sodium	23-2	14.00	12.94	13.47	13.47	3.93	ppb
Strontium	86-1	0.03	-0.02	0.01	0.01	304.14	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-326.96	-283.44	-384.08	-331.50		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.03	0.03	22.93	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	25.36	ppb
Tin	118-1	0.06	0.06	0.04	0.05	22.34	ppb
Titanium	47-1	0.03	0.04	0.04	0.04	15.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	153.15	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	54.10	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	-0.04	-0.30	-0.23	-0.19		ppb
Zirconium	90-1	0.02	0.02	0.00	0.01	68.67	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:47:12	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.00	0.01	149.55	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:50:44	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.24	36.41	42.07	39.58	7.30	ppb
Antimony	121-1	3.76	3.72	3.83	3.77	1.53	ppb
Arsenic	75-2	1.92	1.99	2.04	1.98	3.22	ppb
Barium	135-1	18.56	18.71	18.41	18.56	0.79	ppb
Barium	137-1	18.76	18.83	18.58	18.72	0.68	ppb
Beryllium	9-1	1.93	1.97	1.86	1.92	3.00	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	46.04	48.17	46.31	46.84	2.48	ppb
Boron	11-1	45.73	46.78	47.84	46.79	2.25	ppb
Cadmium	111-1	2.00	1.85	1.93	1.93	4.03	ppb
Cadmium	106-1	1.97	0.77	0.69	1.15	62.59	ppb
Cadmium	108-1	2.33	1.87	1.92	2.04	12.28	ppb
Calcium	43-1	916.98	897.89	895.39	903.42	1.31	ppb
Calcium	44-1	906.21	902.60	892.81	900.54	0.77	ppb
Chromium	52-2	3.95	4.03	3.98	3.99	0.93	ppb
Cobalt	59-2	1.96	1.89	1.91	1.92	2.05	ppb
Copper	63-2	3.87	3.98	3.93	3.93	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	425.34	425.29	424.75	425.13	0.08	ppb
Iron	57-2	428.40	431.14	428.78	429.44	0.35	ppb
Lead	206-1	1.89	1.86	1.87	1.88	0.77	ppb
Lead	207-1	1.84	1.91	1.91	1.88	2.02	ppb
Lead	208-1	1.88	1.88	1.92	1.89	0.99	ppb
Lithium	6-1				104		%
Magnesium	24-2	956.17	955.26	963.34	958.26	0.46	ppb
Manganese	55-2	1.95	1.95	2.06	1.99	3.18	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:50:44	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.27	9.32	9.06	9.21	1.49	ppb
Molybdenum	95-1	9.21	9.34	9.22	9.26	0.74	ppb
Molybdenum	96-1	9.42	9.29	9.28	9.33	0.82	ppb
Molybdenum	97-1	9.28	9.33	9.28	9.30	0.28	ppb
Molybdenum	98-1	9.23	9.14	9.29	9.22	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	2.18	2.17	2.15	1.92	ppb
Phosphorus	31-2	9.66	-6.42	9.59	4.28	216.56	ppb
Potassium	39-2	935.88	945.18	937.76	939.61	0.52	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	10.70	13.31	12.11	12.04	10.87	ppb
Selenium	78-2	8.93	9.62	10.66	9.74	8.95	ppb
Selenium	82-1	9.26	9.50	10.05	9.60	4.21	ppb
Silicon	28-1	27.18	27.44	26.27	26.97	2.28	ppb
Silver	109-1	2.02	1.96	2.07	2.02	2.87	ppb
Silver	107-1	2.02	1.98	2.02	2.01	1.14	ppb
Sodium	23-2	973.90	977.40	981.70	977.67	0.40	ppb
Strontium	86-1	1.79	1.82	1.87	1.83	2.03	ppb
Strontium	88-1	1.87	1.90	1.90	1.89	0.88	ppb
Sulfur	34-1	-408.62	-398.60	-413.94	-407.05		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	1.88	1.87	1.84	1.87	1.15	ppb
Thallium	205-1	1.88	1.88	1.83	1.86	1.69	ppb
Tin	118-1	9.10	9.36	9.44	9.30	1.90	ppb
Titanium	47-1	9.07	8.97	9.55	9.20	3.37	ppb
Uranium	238-1	1.70	1.72	1.74	1.72	1.15	ppb
Vanadium	51-2	9.13	9.11	9.17	9.14	0.33	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	4.45	4.16	4.15	4.25	4.03	ppb
Zirconium	90-1	1.87	1.87	1.87	1.87	0.04	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:50:44	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.96	1.83	1.76	1.85	5.57	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-01	Instrumnet Name :	P7
Client Sample ID :	MBDXK6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:54:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	567.37	563.96	530.93	554.09	3.63	ppb
Antimony	121-1	0.80	0.82	0.79	0.80	2.00	ppb
Arsenic	75-2	0.71	0.88	0.86	0.81	11.54	ppb
Barium	135-1	11.70	11.92	11.34	11.65	2.51	ppb
Barium	137-1	11.99	11.80	11.61	11.80	1.60	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	21.63	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	30.93	31.75	30.83	31.17	1.61	ppb
Boron	11-1	31.73	32.82	32.60	32.38	1.79	ppb
Cadmium	111-1	0.16	0.17	0.15	0.16	6.04	ppb
Cadmium	106-1	0.38	-0.24	-0.38	-0.08		ppb
Cadmium	108-1	0.47	0.28	0.33	0.36	27.24	ppb
Calcium	43-1	11838.42	11815.33	11723.42	11792.39	0.52	ppb
Calcium	44-1	11917.78	11957.63	11894.65	11923.35	0.27	ppb
Chromium	52-2	1.57	1.81	1.69	1.69	7.20	ppb
Cobalt	59-2	0.66	0.66	0.68	0.66	1.93	ppb
Copper	63-2	14.91	15.04	15.22	15.06	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				115		%
Indium	115-2				112		%
Iron	56-2	989.67	998.86	1001.98	996.84	0.64	ppb
Iron	57-2	1027.85	1036.83	1032.03	1032.24	0.44	ppb
Lead	206-1	8.49	8.48	8.36	8.44	0.83	ppb
Lead	207-1	7.89	7.93	7.88	7.90	0.32	ppb
Lead	208-1	8.21	8.24	8.11	8.18	0.81	ppb
Lithium	6-1				118		%
Magnesium	24-2	3144.95	3144.28	3125.92	3138.38	0.34	ppb
Manganese	55-2	75.89	74.79	76.25	75.64	1.01	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-01	Instrumnet Name :	P7
Client Sample ID :	MBDXK6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:54:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.00	0.94	0.95	0.96	3.55	ppb
Molybdenum	95-1	0.84	0.81	0.72	0.79	7.99	ppb
Molybdenum	96-1	0.84	0.81	0.85	0.83	2.51	ppb
Molybdenum	97-1	0.79	0.81	0.81	0.80	1.39	ppb
Molybdenum	98-1	0.79	0.78	0.81	0.79	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	1.78	1.75	1.79	3.17	ppb
Phosphorus	31-2	141.11	166.94	156.39	154.81	8.39	ppb
Potassium	39-2	2231.20	2213.33	2229.61	2224.71	0.44	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	77-2	1.99	0.80	1.62	1.47	41.35	ppb
Selenium	78-2	0.05	0.88	0.58	0.50	83.90	ppb
Selenium	82-1	0.26	0.39	0.62	0.42	42.62	ppb
Silicon	28-1	2756.22	2805.78	2754.70	2772.23	1.05	ppb
Silver	109-1	0.20	0.23	0.31	0.25	21.64	ppb
Silver	107-1	0.22	0.26	0.33	0.27	22.17	ppb
Sodium	23-2	15987.79	15944.23	15822.58	15918.20	0.54	ppb
Strontium	86-1	38.03	37.65	37.93	37.87	0.51	ppb
Strontium	88-1	37.42	37.72	37.50	37.55	0.40	ppb
Sulfur	34-1	875.79	905.72	923.65	901.72	2.68	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.13	0.14	0.12	19.07	ppb
Thallium	205-1	0.12	0.11	0.13	0.12	7.39	ppb
Tin	118-1	0.65	0.64	0.59	0.63	5.32	ppb
Titanium	47-1	18.03	21.25	18.87	19.39	8.61	ppb
Uranium	238-1	0.13	0.12	0.13	0.13	3.30	ppb
Vanadium	51-2	4.33	4.28	4.22	4.28	1.18	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	71.15	71.17	70.83	71.05	0.27	ppb
Zirconium	90-1	0.31	0.28	0.26	0.28	9.63	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-01	Instrumnet Name :	P7
Client Sample ID :	MBDXK6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:54:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.27	0.27	0.27	0.59	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-02	Instrumnet Name :	P7
Client Sample ID :	MBDXK7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:57:48	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	295.86	302.60	302.48	300.31	1.29	ppb
Antimony	121-1	0.76	0.74	0.76	0.75	1.29	ppb
Arsenic	75-2	0.58	0.53	0.52	0.54	6.51	ppb
Barium	135-1	8.95	9.03	8.87	8.95	0.89	ppb
Barium	137-1	8.71	8.75	8.98	8.81	1.63	ppb
Beryllium	9-1	0.02	0.04	0.04	0.03	38.18	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	24.47	22.73	24.86	24.02	4.71	ppb
Boron	11-1	24.39	24.29	25.03	24.57	1.64	ppb
Cadmium	111-1	0.15	0.12	0.04	0.10	50.96	ppb
Cadmium	106-1	0.29	0.01	-1.23	-0.31		ppb
Cadmium	108-1	0.19	0.18	0.09	0.15	36.44	ppb
Calcium	43-1	7654.05	7660.70	7656.52	7657.09	0.04	ppb
Calcium	44-1	7686.12	7774.20	7690.82	7717.05	0.64	ppb
Chromium	52-2	0.92	0.80	0.83	0.85	7.23	ppb
Cobalt	59-2	0.31	0.31	0.36	0.33	7.79	ppb
Copper	63-2	9.02	9.06	8.97	9.02	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				108		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	669.05	675.40	681.79	675.41	0.94	ppb
Iron	57-2	696.03	695.65	694.86	695.51	0.09	ppb
Lead	206-1	5.50	5.40	5.42	5.44	0.95	ppb
Lead	207-1	5.04	4.85	5.04	4.98	2.16	ppb
Lead	208-1	5.28	5.24	5.22	5.25	0.50	ppb
Lithium	6-1				116		%
Magnesium	24-2	2071.50	2068.35	2067.24	2069.03	0.11	ppb
Manganese	55-2	34.03	33.61	33.54	33.73	0.79	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-02	Instrumnet Name :	P7
Client Sample ID :	MBDXK7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:57:48	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.60	0.52	0.55	0.56	7.19	ppb
Molybdenum	95-1	0.47	0.46	0.43	0.45	4.45	ppb
Molybdenum	96-1	0.51	0.52	0.50	0.51	2.53	ppb
Molybdenum	97-1	0.46	0.49	0.46	0.47	3.36	ppb
Molybdenum	98-1	0.48	0.46	0.49	0.47	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.11	1.01	1.01	10.07	ppb
Phosphorus	31-2	73.71	83.97	79.18	78.96	6.50	ppb
Potassium	39-2	1284.99	1301.85	1269.16	1285.34	1.27	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	77-2	0.83	0.00	0.00	0.28	173.21	ppb
Selenium	78-2	-0.73	0.04	0.12	-0.19		ppb
Selenium	82-1	0.03	-0.43	0.26	-0.05		ppb
Silicon	28-1	1698.25	1705.67	1702.17	1702.03	0.22	ppb
Silver	109-1	0.35	0.41	0.46	0.41	14.14	ppb
Silver	107-1	0.38	0.44	0.50	0.44	13.42	ppb
Sodium	23-2	15463.03	15530.21	15404.14	15465.79	0.41	ppb
Strontium	86-1	25.65	25.75	25.18	25.53	1.21	ppb
Strontium	88-1	25.70	25.73	25.76	25.73	0.11	ppb
Sulfur	34-1	236.06	283.06	197.58	238.90	17.92	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.06	0.04	0.05	16.79	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	13.62	ppb
Tin	118-1	0.59	0.57	0.61	0.59	2.83	ppb
Titanium	47-1	10.12	12.54	10.39	11.02	12.06	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	0.78	ppb
Vanadium	51-2	2.86	2.99	2.83	2.89	2.83	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	38.89	41.47	39.88	40.08	3.25	ppb
Zirconium	90-1	0.18	0.17	0.16	0.17	5.91	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-02	Instrumnet Name :	P7
Client Sample ID :	MBDXK7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:57:48	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.25	0.14	0.19	30.11	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-03	Instrumnet Name :	P7
Client Sample ID :	MBDXK8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:01:21	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	251.77	246.34	246.49	248.20	1.25	ppb
Antimony	121-1	0.66	0.65	0.65	0.65	1.38	ppb
Arsenic	75-2	0.62	0.55	0.60	0.59	6.41	ppb
Barium	135-1	10.73	10.48	10.84	10.68	1.76	ppb
Barium	137-1	10.93	10.61	10.68	10.74	1.55	ppb
Beryllium	9-1	0.01	0.07	0.00	0.03	138.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	34.89	37.23	38.64	36.92	5.14	ppb
Boron	11-1	35.13	36.72	36.43	36.09	2.34	ppb
Cadmium	111-1	0.09	0.02	0.06	0.06	61.14	ppb
Cadmium	106-1	-0.20	-1.33	-0.65	-0.73		ppb
Cadmium	108-1	0.18	0.20	0.13	0.17	21.51	ppb
Calcium	43-1	11940.75	11753.18	11871.08	11855.00	0.80	ppb
Calcium	44-1	11963.02	11966.39	12010.50	11979.97	0.22	ppb
Chromium	52-2	0.78	0.80	0.77	0.78	1.82	ppb
Cobalt	59-2	0.24	0.24	0.24	0.24	0.39	ppb
Copper	63-2	8.87	9.04	8.98	8.96	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	443.07	450.95	444.89	446.30	0.92	ppb
Iron	57-2	460.80	453.19	466.96	460.32	1.50	ppb
Lead	206-1	3.37	3.39	3.37	3.38	0.46	ppb
Lead	207-1	3.05	3.12	3.17	3.11	1.79	ppb
Lead	208-1	3.27	3.25	3.24	3.25	0.42	ppb
Lithium	6-1				112		%
Magnesium	24-2	3279.10	3260.80	3216.85	3252.25	0.98	ppb
Manganese	55-2	30.56	30.68	30.74	30.66	0.30	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-03	Instrumnet Name :	P7
Client Sample ID :	MBDXK8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:01:21	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.06	0.89	0.83	0.92	13.07	ppb
Molybdenum	95-1	0.79	0.92	0.88	0.87	7.76	ppb
Molybdenum	96-1	0.85	0.82	0.79	0.82	3.82	ppb
Molybdenum	97-1	0.82	0.81	0.92	0.85	6.83	ppb
Molybdenum	98-1	0.84	0.86	0.81	0.84	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.14	1.04	1.08	4.65	ppb
Phosphorus	31-2	99.01	91.10	106.93	99.01	8.00	ppb
Potassium	39-2	1690.02	1677.52	1653.47	1673.67	1.11	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.86	0.86	0.57	86.60	ppb
Selenium	78-2	-0.51	-0.51	-0.59	-0.54		ppb
Selenium	82-1	0.45	0.37	0.43	0.42	10.52	ppb
Silicon	28-1	2439.72	2438.29	2460.71	2446.24	0.51	ppb
Silver	109-1	0.40	0.45	0.49	0.45	10.38	ppb
Silver	107-1	0.41	0.45	0.49	0.45	9.14	ppb
Sodium	23-2	24810.49	24689.44	24583.88	24694.60	0.46	ppb
Strontium	86-1	41.07	41.41	41.61	41.36	0.65	ppb
Strontium	88-1	41.52	41.20	41.31	41.34	0.39	ppb
Sulfur	34-1	1168.52	1247.89	1240.25	1218.89	3.59	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	13.62	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	6.22	ppb
Tin	118-1	0.57	0.64	0.61	0.61	5.95	ppb
Titanium	47-1	7.91	7.84	7.79	7.84	0.77	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	3.18	ppb
Vanadium	51-2	2.75	2.64	2.75	2.71	2.33	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	35.26	35.28	34.75	35.09	0.86	ppb
Zirconium	90-1	0.15	0.18	0.26	0.20	28.31	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-03	Instrumnet Name :	P7
Client Sample ID :	MBDXK8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:01:21	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.18	0.18	0.17	10.07	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-04	Instrumnet Name :	P7
Client Sample ID :	MBDXL2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:04:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	255.30	267.98	254.06	259.11	2.97	ppb
Antimony	121-1	0.51	0.47	0.51	0.50	4.67	ppb
Arsenic	75-2	0.55	0.40	0.52	0.49	16.46	ppb
Barium	135-1	53.52	52.31	52.73	52.86	1.16	ppb
Barium	137-1	53.61	53.15	53.46	53.41	0.44	ppb
Beryllium	9-1	0.04	0.00	0.02	0.02	118.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	92.30	96.56	94.77	94.54	2.26	ppb
Boron	11-1	93.36	95.38	100.55	96.43	3.85	ppb
Cadmium	111-1	0.06	0.04	0.08	0.06	36.22	ppb
Cadmium	106-1	-0.52	-0.85	-0.19	-0.52		ppb
Cadmium	108-1	0.22	0.06	0.06	0.11	84.18	ppb
Calcium	43-1	54281.33	54766.10	54097.21	54381.55	0.64	ppb
Calcium	44-1	54735.65	54490.24	54357.27	54527.72	0.35	ppb
Chromium	52-2	0.32	0.32	0.29	0.31	6.15	ppb
Cobalt	59-2	0.29	0.30	0.30	0.30	1.81	ppb
Copper	63-2	7.46	7.57	7.70	7.58	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	365.41	368.13	363.47	365.67	0.64	ppb
Iron	57-2	419.92	410.01	418.01	415.98	1.26	ppb
Lead	206-1	9.77	9.67	9.61	9.68	0.80	ppb
Lead	207-1	9.13	8.91	9.04	9.02	1.22	ppb
Lead	208-1	9.37	9.33	9.39	9.36	0.34	ppb
Lithium	6-1				109		%
Magnesium	24-2	17823.24	17734.39	17799.74	17785.79	0.26	ppb
Manganese	55-2	27.14	27.33	27.07	27.18	0.48	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-04	Instrumnet Name :	P7
Client Sample ID :	MBDXL2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:04:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.97	0.93	0.97	0.96	2.31	ppb
Molybdenum	95-1	1.07	1.06	1.09	1.07	1.33	ppb
Molybdenum	96-1	1.04	1.03	1.02	1.03	0.58	ppb
Molybdenum	97-1	1.01	1.15	1.12	1.09	6.89	ppb
Molybdenum	98-1	1.03	1.11	1.07	1.07	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.98	0.97	1.01	6.22	ppb
Phosphorus	31-2	49.98	53.46	70.32	57.92	18.78	ppb
Potassium	39-2	4753.75	4759.69	4687.85	4733.76	0.84	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	0.44	0.87	0.00	0.44	99.95	ppb
Selenium	78-2	-0.55	-0.78	0.14	-0.40		ppb
Selenium	82-1	-0.10	-0.03	0.60	0.16	250.93	ppb
Silicon	28-1	6113.86	6158.24	6116.00	6129.36	0.41	ppb
Silver	109-1	0.35	0.42	0.46	0.41	13.79	ppb
Silver	107-1	0.40	0.40	0.43	0.41	3.65	ppb
Sodium	23-2	15412.50	15386.78	15313.70	15370.99	0.33	ppb
Strontium	86-1	121.79	120.48	121.70	121.32	0.60	ppb
Strontium	88-1	122.12	121.12	122.32	121.85	0.53	ppb
Sulfur	34-1	5570.70	5565.61	5648.55	5594.95	0.83	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.01	0.00	60.73	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	56.66	ppb
Tin	118-1	0.52	0.50	0.48	0.50	4.30	ppb
Titanium	47-1	8.78	8.52	8.88	8.73	2.10	ppb
Uranium	238-1	0.48	0.50	0.49	0.49	1.97	ppb
Vanadium	51-2	1.93	1.92	1.97	1.94	1.20	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	17.76	19.22	17.67	18.22	4.79	ppb
Zirconium	90-1	0.19	0.20	0.18	0.19	2.94	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-04	Instrumnet Name :	P7
Client Sample ID :	MBDXL2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:04:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.16	0.18	0.17	4.32	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-05	Instrumnet Name :	P7
Client Sample ID :	MBDXL6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:08:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.21	92.76	81.80	89.26	7.24	ppb
Antimony	121-1	0.43	0.37	0.39	0.40	7.26	ppb
Arsenic	75-2	0.44	0.38	0.42	0.41	6.83	ppb
Barium	135-1	50.04	50.23	49.97	50.08	0.27	ppb
Barium	137-1	51.46	50.37	50.16	50.67	1.38	ppb
Beryllium	9-1	0.03	0.00	0.00	0.01	144.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	93.29	92.39	94.35	93.34	1.05	ppb
Boron	11-1	92.36	94.99	96.30	94.55	2.13	ppb
Cadmium	111-1	0.03	0.04	-0.01	0.02	149.44	ppb
Cadmium	106-1	-0.79	-0.45	-1.32	-0.86		ppb
Cadmium	108-1	0.04	0.06	0.11	0.07	54.77	ppb
Calcium	43-1	51691.86	51769.69	51705.48	51722.34	0.08	ppb
Calcium	44-1	51742.40	51985.25	52652.11	52126.59	0.90	ppb
Chromium	52-2	0.08	0.13	0.10	0.11	24.13	ppb
Cobalt	59-2	0.16	0.18	0.15	0.16	7.61	ppb
Copper	63-2	6.88	6.96	6.80	6.88	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	130.85	130.40	131.75	131.00	0.52	ppb
Iron	57-2	167.23	170.60	168.96	168.93	1.00	ppb
Lead	206-1	9.51	9.43	9.41	9.45	0.59	ppb
Lead	207-1	8.75	8.45	8.65	8.62	1.79	ppb
Lead	208-1	9.17	8.97	9.08	9.07	1.13	ppb
Lithium	6-1				106		%
Magnesium	24-2	17106.41	16990.82	17042.36	17046.53	0.34	ppb
Manganese	55-2	15.27	15.13	15.40	15.27	0.89	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-05	Instrumnet Name :	P7
Client Sample ID :	MBDXL6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:08:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.11	0.91	1.04	1.02	10.21	ppb
Molybdenum	95-1	1.06	1.09	1.08	1.08	1.21	ppb
Molybdenum	96-1	1.05	1.01	1.04	1.03	1.77	ppb
Molybdenum	97-1	1.04	1.06	1.06	1.05	0.78	ppb
Molybdenum	98-1	1.13	1.08	1.13	1.11	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.79	0.89	0.84	6.05	ppb
Phosphorus	31-2	80.84	49.77	97.48	76.03	31.85	ppb
Potassium	39-2	4600.79	4538.64	4556.37	4565.27	0.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	0.89	1.32	0.45	0.89	49.39	ppb
Selenium	78-2	-0.88	-1.56	-0.56	-1.00		ppb
Selenium	82-1	0.17	-0.40	0.28	0.02	2191.81	ppb
Silicon	28-1	5726.88	5689.44	5773.62	5729.98	0.74	ppb
Silver	109-1	0.33	0.36	0.40	0.36	9.76	ppb
Silver	107-1	0.34	0.38	0.38	0.37	5.58	ppb
Sodium	23-2	15036.67	14711.56	14716.98	14821.74	1.26	ppb
Strontium	86-1	115.36	116.39	116.00	115.92	0.45	ppb
Strontium	88-1	116.12	115.64	116.31	116.02	0.29	ppb
Sulfur	34-1	5184.36	5157.11	5243.22	5194.90	0.85	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.00	0.00	201.81	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	41.83	ppb
Tin	118-1	0.54	0.51	0.51	0.52	3.75	ppb
Titanium	47-1	3.99	2.93	2.52	3.15	24.08	ppb
Uranium	238-1	0.46	0.45	0.43	0.45	2.63	ppb
Vanadium	51-2	1.57	1.63	1.60	1.60	1.80	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	14.06	14.38	14.87	14.44	2.85	ppb
Zirconium	90-1	0.13	0.15	0.15	0.14	8.82	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-05	Instrumnet Name :	P7
Client Sample ID :	MBDXL6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:08:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.14	0.14	0.14	3.18	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-08	Instrumnet Name :	P7
Client Sample ID :	MBDY44	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:11:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.33	-0.15	0.29	-0.07		ppb
Antimony	121-1	0.01	0.02	0.03	0.02	35.11	ppb
Arsenic	75-2	-0.02	0.02	0.01	0.00	3113.02	ppb
Barium	135-1	0.01	0.01	0.01	0.01	33.70	ppb
Barium	137-1	0.02	-0.01	0.02	0.01	166.27	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	4.87	5.39	4.44	4.90	9.73	ppb
Boron	11-1	5.24	5.11	4.70	5.02	5.57	ppb
Cadmium	111-1	0.01	0.01	-0.01	0.00	555.28	ppb
Cadmium	106-1	0.00	0.02	-0.28	-0.08		ppb
Cadmium	108-1	-0.03	-0.05	0.00	-0.03		ppb
Calcium	43-1	7.82	0.82	7.04	5.22	73.40	ppb
Calcium	44-1	-32.48	-30.39	-31.99	-31.62		ppb
Chromium	52-2	-0.31	-0.29	-0.29	-0.30		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.16	0.08	0.09	0.11	39.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	0.82	0.72	0.66	0.73	11.37	ppb
Iron	57-2	1.17	0.95	1.73	1.29	31.24	ppb
Lead	206-1	0.05	0.04	0.05	0.05	6.92	ppb
Lead	207-1	0.05	0.06	0.06	0.06	8.04	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.33	0.82	0.81	0.98	30.09	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00	573.70	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-08	Instrumnet Name :	P7
Client Sample ID :	MBDY44	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:11:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	27.92	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	22.23	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.03	17.86	ppb
Molybdenum	98-1	0.02	0.03	0.01	0.02	43.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.04	0.01	0.04	67.42	ppb
Phosphorus	31-2	-8.28	-6.33	2.24	-4.12		ppb
Potassium	39-2	-2.72	-0.80	4.28	0.26	1411.81	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	-0.27	-0.51	-0.32		ppb
Selenium	82-1	0.42	-0.42	-0.18	-0.06		ppb
Silicon	28-1	-4.79	-4.81	-4.59	-4.73		ppb
Silver	109-1	0.11	0.11	0.10	0.11	3.97	ppb
Silver	107-1	0.11	0.12	0.11	0.12	6.29	ppb
Sodium	23-2	43.02	43.47	43.80	43.43	0.90	ppb
Strontium	86-1	0.01	-0.02	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.01	0.01	97.20	ppb
Sulfur	34-1	-1335.48	-1237.58	-1271.08	-1281.38		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.04	-0.05	-0.04	-0.04		ppb
Titanium	47-1	0.02	-0.03	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	5739.93	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	31.12	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	0.17	0.63	0.85	0.55	62.50	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-08	Instrumnet Name :	P7
Client Sample ID :	MBDY44	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:11:55	DataFile Name :	028SMPL.d

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

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-09	Instrumnet Name :	P7
Client Sample ID :	MBDXL3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:15:27	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	274.53	269.73	272.77	272.34	0.89	ppb
Antimony	121-1	1.13	1.01	0.93	1.02	9.67	ppb
Arsenic	75-2	1.07	1.26	1.27	1.20	9.49	ppb
Barium	135-1	55.33	55.41	54.96	55.23	0.43	ppb
Barium	137-1	55.70	55.61	55.18	55.50	0.50	ppb
Beryllium	9-1	0.05	0.07	0.02	0.04	60.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	110.59	114.37	114.62	113.19	2.00	ppb
Boron	11-1	113.67	115.82	116.33	115.27	1.23	ppb
Cadmium	111-1	0.15	0.08	0.01	0.08	91.14	ppb
Cadmium	106-1	-0.46	-1.15	-2.82	-1.47		ppb
Cadmium	108-1	0.23	0.27	0.15	0.21	26.35	ppb
Calcium	43-1	55033.74	54431.17	53873.05	54445.99	1.07	ppb
Calcium	44-1	55146.84	54767.26	54547.18	54820.43	0.55	ppb
Chromium	52-2	0.78	0.80	0.81	0.80	2.26	ppb
Cobalt	59-2	1.04	1.10	1.09	1.07	3.07	ppb
Copper	63-2	10.89	10.90	10.86	10.88	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	1640.41	1652.26	1663.83	1652.17	0.71	ppb
Iron	57-2	1716.98	1686.43	1732.07	1711.83	1.36	ppb
Lead	206-1	15.68	15.59	15.79	15.69	0.62	ppb
Lead	207-1	14.43	14.39	14.43	14.42	0.14	ppb
Lead	208-1	15.09	15.04	15.10	15.08	0.22	ppb
Lithium	6-1				105		%
Magnesium	24-2	16107.46	16222.49	16343.57	16224.51	0.73	ppb
Manganese	55-2	292.96	294.33	294.10	293.80	0.25	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-09	Instrumnet Name :	P7
Client Sample ID :	MBDXL3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:15:27	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.82	0.85	0.92	0.86	5.93	ppb
Molybdenum	95-1	0.81	0.79	0.73	0.77	5.63	ppb
Molybdenum	96-1	0.80	0.88	0.76	0.81	7.58	ppb
Molybdenum	97-1	0.80	0.76	0.74	0.77	3.54	ppb
Molybdenum	98-1	0.75	0.75	0.80	0.77	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.42	2.47	2.36	6.66	ppb
Phosphorus	31-2	79.69	99.89	99.49	93.02	12.42	ppb
Potassium	39-2	3875.16	3865.24	3913.91	3884.77	0.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	0.00	1.41	1.41	0.94	86.60	ppb
Selenium	78-2	0.71	-0.37	0.74	0.36	175.12	ppb
Selenium	82-1	0.39	0.17	0.22	0.26	43.52	ppb
Silicon	28-1	7541.21	7477.79	7465.45	7494.81	0.54	ppb
Silver	109-1	0.48	0.54	0.62	0.55	13.27	ppb
Silver	107-1	0.47	0.56	0.60	0.55	12.58	ppb
Sodium	23-2	28002.74	27952.51	27944.59	27966.61	0.11	ppb
Strontium	86-1	170.58	170.81	170.58	170.65	0.08	ppb
Strontium	88-1	171.90	172.32	172.40	172.21	0.16	ppb
Sulfur	34-1	12630.36	12625.96	12398.11	12551.48	1.06	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.00	0.01	53.50	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	35.85	ppb
Tin	118-1	0.76	0.74	0.78	0.76	2.58	ppb
Titanium	47-1	8.79	9.69	10.25	9.58	7.69	ppb
Uranium	238-1	0.38	0.38	0.37	0.37	1.89	ppb
Vanadium	51-2	3.59	3.42	3.60	3.54	2.87	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	95.37	96.62	96.49	96.16	0.72	ppb
Zirconium	90-1	0.31	0.21	0.21	0.25	23.10	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-09	Instrumnet Name :	P7
Client Sample ID :	MBDXL3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:15:27	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.21	0.20	0.20	3.81	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10	Instrumnet Name :	P7
Client Sample ID :	MBDXL4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:18:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	239.75	260.96	247.73	249.48	4.29	ppb
Antimony	121-1	0.76	0.78	0.71	0.75	4.93	ppb
Arsenic	75-2	1.34	1.16	1.34	1.28	8.33	ppb
Barium	135-1	55.47	56.75	55.81	56.01	1.18	ppb
Barium	137-1	56.50	56.24	55.69	56.15	0.74	ppb
Beryllium	9-1	0.02	0.05	0.00	0.02	86.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	114.64	116.07	115.15	115.29	0.63	ppb
Boron	11-1	113.88	119.62	121.22	118.24	3.26	ppb
Cadmium	111-1	0.12	0.13	0.13	0.13	4.95	ppb
Cadmium	106-1	-1.03	-0.54	-0.86	-0.81		ppb
Cadmium	108-1	0.24	0.25	0.29	0.26	8.83	ppb
Calcium	43-1	57711.66	57276.08	57976.87	57654.87	0.61	ppb
Calcium	44-1	58089.98	57988.55	58480.55	58186.36	0.45	ppb
Chromium	52-2	0.63	0.70	0.62	0.65	7.05	ppb
Cobalt	59-2	1.15	1.08	1.14	1.13	3.25	ppb
Copper	63-2	8.71	8.79	8.80	8.77	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				102		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	1851.44	1876.63	1871.43	1866.50	0.71	ppb
Iron	57-2	1910.71	1952.99	1930.25	1931.32	1.10	ppb
Lead	206-1	13.75	13.62	13.59	13.65	0.64	ppb
Lead	207-1	12.46	12.60	12.37	12.48	0.92	ppb
Lead	208-1	13.16	13.12	13.09	13.12	0.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	17022.25	17189.67	17264.51	17158.81	0.72	ppb
Manganese	55-2	373.87	376.96	375.90	375.58	0.42	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10	Instrumnet Name :	P7
Client Sample ID :	MBDXL4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:18:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.94	0.97	1.00	0.97	2.93	ppb
Molybdenum	95-1	0.95	1.00	1.07	1.01	6.09	ppb
Molybdenum	96-1	0.96	0.98	1.07	1.01	5.49	ppb
Molybdenum	97-1	1.04	0.99	0.97	1.00	3.81	ppb
Molybdenum	98-1	1.02	1.00	1.03	1.02	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	2.22	2.20	2.20	0.83	ppb
Phosphorus	31-2	100.99	95.73	101.08	99.27	3.09	ppb
Potassium	39-2	3562.05	3666.87	3639.11	3622.68	1.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	0.94	0.47	0.94	0.78	34.58	ppb
Selenium	78-2	-0.22	-0.36	-0.37	-0.32		ppb
Selenium	82-1	0.40	0.51	0.40	0.44	14.32	ppb
Silicon	28-1	8103.32	8096.04	8103.65	8101.00	0.05	ppb
Silver	109-1	0.33	0.37	0.37	0.36	6.03	ppb
Silver	107-1	0.33	0.34	0.38	0.35	7.76	ppb
Sodium	23-2	26766.07	27135.63	27010.62	26970.77	0.70	ppb
Strontium	86-1	174.96	173.98	174.24	174.39	0.29	ppb
Strontium	88-1	176.43	177.15	178.25	177.28	0.52	ppb
Sulfur	34-1	10513.66	10532.58	10591.66	10545.97	0.39	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	278.72	ppb
Tin	118-1	0.49	0.50	0.47	0.49	2.80	ppb
Titanium	47-1	9.35	9.93	8.09	9.12	10.36	ppb
Uranium	238-1	0.40	0.41	0.40	0.40	1.56	ppb
Vanadium	51-2	3.51	3.59	3.51	3.54	1.30	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	79.33	81.38	82.94	81.21	2.23	ppb
Zirconium	90-1	0.21	0.21	0.23	0.21	4.80	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10	Instrumnet Name :	P7
Client Sample ID :	MBDXL4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:18:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.20	0.23	0.22	7.12	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-13	Instrumnet Name :	P7
Client Sample ID :	MBDXL4D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:22:30	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	252.13	266.78	236.12	251.68	6.09	ppb
Antimony	121-1	0.71	0.71	0.69	0.70	1.12	ppb
Arsenic	75-2	1.27	1.47	1.27	1.34	8.48	ppb
Barium	135-1	55.99	56.00	56.20	56.06	0.21	ppb
Barium	137-1	56.59	55.78	56.40	56.26	0.75	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	23.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	113.34	114.31	119.81	115.82	3.02	ppb
Boron	11-1	115.93	116.87	121.27	118.02	2.41	ppb
Cadmium	111-1	0.04	0.16	0.11	0.10	61.08	ppb
Cadmium	106-1	-1.85	-0.61	-1.24	-1.23		ppb
Cadmium	108-1	0.23	0.12	0.33	0.23	46.73	ppb
Calcium	43-1	57643.43	58225.88	57619.70	57829.67	0.59	ppb
Calcium	44-1	57931.05	58565.11	58383.83	58293.33	0.56	ppb
Chromium	52-2	0.67	0.65	0.62	0.65	4.31	ppb
Cobalt	59-2	1.11	1.10	1.09	1.10	0.60	ppb
Copper	63-2	8.63	8.68	8.61	8.64	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	1860.83	1881.43	1856.94	1866.40	0.71	ppb
Iron	57-2	1912.07	1936.49	1904.65	1917.73	0.87	ppb
Lead	206-1	13.59	13.80	13.85	13.75	1.02	ppb
Lead	207-1	12.57	12.43	12.58	12.53	0.64	ppb
Lead	208-1	13.07	13.17	13.15	13.13	0.41	ppb
Lithium	6-1				101		%
Magnesium	24-2	17214.90	17138.03	17041.21	17131.38	0.51	ppb
Manganese	55-2	371.70	377.87	376.44	375.34	0.86	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-13	Instrumnet Name :	P7
Client Sample ID :	MBDXL4D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:22:30	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.08	0.92	1.07	1.02	8.89	ppb
Molybdenum	95-1	1.03	1.04	1.00	1.02	1.99	ppb
Molybdenum	96-1	0.99	1.06	1.01	1.02	3.71	ppb
Molybdenum	97-1	0.92	1.05	0.95	0.97	7.08	ppb
Molybdenum	98-1	0.99	1.03	1.06	1.03	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.12	2.26	2.19	3.10	ppb
Phosphorus	31-2	108.30	85.66	86.60	93.52	13.70	ppb
Potassium	39-2	3616.67	3631.06	3611.94	3619.89	0.28	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	1.91	0.96	1.43	1.43	33.05	ppb
Selenium	78-2	-0.16	-1.04	-0.57	-0.59		ppb
Selenium	82-1	0.08	0.19	0.22	0.16	47.61	ppb
Silicon	28-1	7994.13	8034.25	8086.54	8038.31	0.58	ppb
Silver	109-1	0.27	0.28	0.29	0.28	3.71	ppb
Silver	107-1	0.26	0.33	0.35	0.31	14.30	ppb
Sodium	23-2	27071.84	27003.12	26817.86	26964.27	0.49	ppb
Strontium	86-1	176.07	175.99	175.23	175.76	0.26	ppb
Strontium	88-1	177.39	177.56	178.25	177.73	0.26	ppb
Sulfur	34-1	10220.36	10366.27	10385.33	10323.99	0.87	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.50	0.52	0.61	0.55	10.31	ppb
Titanium	47-1	8.51	8.71	10.09	9.10	9.44	ppb
Uranium	238-1	0.41	0.41	0.41	0.41	0.56	ppb
Vanadium	51-2	3.55	3.41	3.50	3.49	2.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	79.82	79.97	79.43	79.74	0.35	ppb
Zirconium	90-1	0.27	0.17	0.19	0.21	26.90	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-13	Instrumnet Name :	P7
Client Sample ID :	MBDXL4D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:22:30	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.19	0.19	0.21	11.24	ppb

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : I6246-10LX5 Instrumnet Name : P7
 Client Sample ID : MBDXL4L Dilution Factor : 5
 Date & Time Acquired :: 2017-11-08 16:26:02 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.19	50.06	50.58	49.61	2.53	ppb
Antimony	121-1	0.14	0.12	0.12	0.13	9.17	ppb
Arsenic	75-2	0.20	0.32	0.28	0.27	23.00	ppb
Barium	135-1	10.87	10.81	10.51	10.73	1.79	ppb
Barium	137-1	10.84	10.71	10.68	10.74	0.77	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	122.60	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	28.15	28.58	29.16	28.63	1.77	ppb
Boron	11-1	30.94	30.48	31.27	30.90	1.28	ppb
Cadmium	111-1	-0.04	-0.07	-0.08	-0.06		ppb
Cadmium	106-1	-1.06	-1.36	-1.59	-1.34		ppb
Cadmium	108-1	-0.05	-0.03	0.04	-0.01		ppb
Calcium	43-1	11069.24	11013.78	10901.65	10994.89	0.78	ppb
Calcium	44-1	11108.39	11107.04	11116.44	11110.62	0.05	ppb
Chromium	52-2	0.14	0.14	0.16	0.15	9.96	ppb
Cobalt	59-2	0.19	0.19	0.21	0.19	5.44	ppb
Copper	63-2	2.32	2.24	2.22	2.26	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	353.89	360.30	355.93	356.71	0.92	ppb
Iron	57-2	386.25	380.95	374.04	380.41	1.61	ppb
Lead	206-1	2.65	2.60	2.52	2.59	2.47	ppb
Lead	207-1	2.43	2.39	2.42	2.41	0.94	ppb
Lead	208-1	2.51	2.50	2.51	2.51	0.37	ppb
Lithium	6-1				89		%
Magnesium	24-2	3199.25	3285.38	3234.19	3239.61	1.34	ppb
Manganese	55-2	72.05	71.60	72.12	71.93	0.39	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXL4L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:26:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.17	0.23	0.21	14.65	ppb
Molybdenum	95-1	0.22	0.21	0.23	0.22	5.06	ppb
Molybdenum	96-1	0.20	0.21	0.23	0.21	6.20	ppb
Molybdenum	97-1	0.23	0.29	0.25	0.26	12.22	ppb
Molybdenum	98-1	0.19	0.18	0.23	0.20	13.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.49	0.42	0.45	9.11	ppb
Phosphorus	31-2	24.52	11.07	34.62	23.41	50.47	ppb
Potassium	39-2	699.00	713.86	697.84	703.57	1.27	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.23	0.83	-0.38	0.23	269.42	ppb
Selenium	82-1	0.04	-0.01	0.48	0.17	156.03	ppb
Silicon	28-1	1554.32	1529.79	1533.03	1539.05	0.87	ppb
Silver	109-1	0.14	0.14	0.14	0.14	0.82	ppb
Silver	107-1	0.14	0.16	0.14	0.14	7.35	ppb
Sodium	23-2	5009.88	5093.05	5061.65	5054.86	0.83	ppb
Strontium	86-1	33.38	33.65	33.72	33.58	0.53	ppb
Strontium	88-1	33.05	33.37	33.54	33.32	0.75	ppb
Sulfur	34-1	1455.93	1336.62	1273.23	1355.26	6.84	ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.07	0.08	0.09	0.08	14.92	ppb
Titanium	47-1	1.56	1.62	1.94	1.71	12.11	ppb
Uranium	238-1	0.08	0.07	0.08	0.08	5.57	ppb
Vanadium	51-2	0.67	0.68	0.68	0.68	0.34	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	16.25	16.73	15.83	16.27	2.77	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	5.87	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXL4L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:26:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.02	0.03	54.73	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-14	Instrumnet Name :	P7
Client Sample ID :	MBDXL4S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:29:34	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2294.66	2327.23	2312.21	2311.36	0.71	ppb
Antimony	121-1	105.90	106.28	105.33	105.84	0.45	ppb
Arsenic	75-2	46.50	45.59	44.69	45.60	1.99	ppb
Barium	135-1	2243.80	2255.85	2231.25	2243.63	0.55	ppb
Barium	137-1	2252.48	2249.75	2233.19	2245.14	0.46	ppb
Beryllium	9-1	50.71	49.90	50.34	50.31	0.81	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	107.57	110.10	108.30	108.66	1.20	ppb
Boron	11-1	107.98	110.96	115.79	111.58	3.53	ppb
Cadmium	111-1	54.51	54.42	53.76	54.23	0.75	ppb
Cadmium	106-1	44.91	44.13	44.10	44.38	1.03	ppb
Cadmium	108-1	48.25	48.04	47.50	47.93	0.81	ppb
Calcium	43-1	56306.50	56071.50	56176.88	56184.96	0.21	ppb
Calcium	44-1	56875.70	56360.46	56635.14	56623.77	0.46	ppb
Chromium	52-2	223.57	224.63	224.42	224.21	0.25	ppb
Cobalt	59-2	586.23	585.01	584.67	585.31	0.14	ppb
Copper	63-2	307.47	308.39	308.57	308.14	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	3019.85	3035.48	3018.16	3024.50	0.32	ppb
Iron	57-2	3031.33	3046.29	3064.52	3047.38	0.55	ppb
Lead	206-1	34.05	33.86	33.97	33.96	0.28	ppb
Lead	207-1	32.99	32.51	32.61	32.70	0.78	ppb
Lead	208-1	33.64	33.47	33.36	33.49	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	16519.34	16593.74	16573.19	16562.09	0.23	ppb
Manganese	55-2	917.01	922.94	920.86	920.27	0.33	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-14	Instrumnet Name :	P7
Client Sample ID :	MBDXL4S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:29:34	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.02	1.02	1.01	1.02	0.71	ppb
Molybdenum	95-1	1.04	1.13	1.00	1.06	6.72	ppb
Molybdenum	96-1	1.01	1.02	1.08	1.03	3.47	ppb
Molybdenum	97-1	0.96	1.02	1.03	1.00	4.18	ppb
Molybdenum	98-1	1.02	1.03	1.02	1.02	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	586.01	585.23	586.64	585.96	0.12	ppb
Phosphorus	31-2	88.85	113.53	98.84	100.41	12.36	ppb
Potassium	39-2	3509.12	3506.14	3527.45	3514.24	0.33	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	107.19	107.76	101.09	105.34	3.51	ppb
Selenium	78-2	115.50	116.62	109.44	113.85	3.39	ppb
Selenium	82-1	113.90	115.55	115.45	114.97	0.80	ppb
Silicon	28-1	7792.55	7769.26	7790.97	7784.26	0.17	ppb
Silver	109-1	56.32	56.32	56.53	56.39	0.22	ppb
Silver	107-1	56.67	56.58	56.79	56.68	0.19	ppb
Sodium	23-2	26127.68	25867.67	25934.99	25976.78	0.52	ppb
Strontium	86-1	171.73	170.12	169.48	170.44	0.68	ppb
Strontium	88-1	172.08	171.73	173.16	172.32	0.43	ppb
Sulfur	34-1	9893.84	9773.06	9914.08	9860.33	0.77	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	53.02	53.11	52.78	52.97	0.32	ppb
Thallium	205-1	53.63	53.65	53.40	53.56	0.25	ppb
Tin	118-1	0.59	0.57	0.56	0.57	2.39	ppb
Titanium	47-1	8.27	8.29	8.15	8.24	0.93	ppb
Uranium	238-1	0.39	0.40	0.39	0.39	2.26	ppb
Vanadium	51-2	562.85	563.13	563.86	563.28	0.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	680.55	684.27	681.18	682.00	0.29	ppb
Zirconium	90-1	0.20	0.20	0.18	0.19	4.07	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-14	Instrumnet Name :	P7
Client Sample ID :	MBDXL4S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:29:34	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.18	0.21	0.20	10.15	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-12	Instrumnet Name :	P7
Client Sample ID :	MBDY27	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:33:06	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.40	11.39	14.69	12.83	13.20	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	2.38	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	81.03	ppb
Barium	135-1	0.20	0.21	0.20	0.20	4.85	ppb
Barium	137-1	0.16	0.19	0.23	0.19	18.64	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	57.74	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	6.76	7.13	6.58	6.83	4.11	ppb
Boron	11-1	6.97	6.10	6.40	6.49	6.83	ppb
Cadmium	111-1	-0.12	-0.17	-0.05	-0.11		ppb
Cadmium	106-1	-1.66	-2.41	-0.75	-1.60		ppb
Cadmium	108-1	0.03	-0.01	-0.01	0.00	890.10	ppb
Calcium	43-1	44.77	52.12	48.14	48.34	7.61	ppb
Calcium	44-1	0.14	-3.00	3.72	0.29	1171.39	ppb
Chromium	52-2	-0.19	-0.20	-0.21	-0.20		ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	28.34	ppb
Copper	63-2	0.13	0.23	0.22	0.20	28.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	4.57	4.39	5.14	4.70	8.39	ppb
Iron	57-2	4.21	4.98	5.34	4.84	11.89	ppb
Lead	206-1	0.06	0.07	0.08	0.07	14.82	ppb
Lead	207-1	0.08	0.06	0.08	0.08	13.22	ppb
Lead	208-1	0.07	0.06	0.08	0.07	9.30	ppb
Lithium	6-1				94		%
Magnesium	24-2	1.42	1.18	1.22	1.27	10.31	ppb
Manganese	55-2	0.35	0.27	0.27	0.30	15.59	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-12	Instrumnet Name :	P7
Client Sample ID :	MBDY27	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:33:06	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	62.05	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	26.51	ppb
Molybdenum	97-1	0.03	0.00	0.01	0.01	80.09	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	16.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.09	0.11	0.11	15.18	ppb
Phosphorus	31-2	-13.91	-13.61	-6.00	-11.17		ppb
Potassium	39-2	5.25	8.99	6.00	6.75	29.34	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.49	0.16	173.21	ppb
Selenium	78-2	-1.07	-0.56	0.27	-0.45		ppb
Selenium	82-1	-0.38	-0.60	-0.09	-0.36		ppb
Silicon	28-1	-3.80	-4.94	-4.29	-4.35		ppb
Silver	109-1	0.11	0.09	0.10	0.10	8.68	ppb
Silver	107-1	0.10	0.11	0.12	0.11	8.61	ppb
Sodium	23-2	357.64	358.57	358.86	358.36	0.18	ppb
Strontium	86-1	0.12	0.13	0.14	0.13	6.73	ppb
Strontium	88-1	0.12	0.13	0.12	0.12	6.50	ppb
Sulfur	34-1	-1707.92	-1634.00	-1541.27	-1627.73		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.09	-0.01	0.02	0.03	152.31	ppb
Titanium	47-1	0.01	0.01	0.01	0.01	11.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.07	0.05	0.09	0.07	31.75	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	1.46	2.01	1.54	1.67	17.65	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-12	Instrumnet Name :	P7
Client Sample ID :	MBDY27	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:33:06	DataFile Name :	034SMPL.d

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

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:36:38	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4550.80	4610.07	4530.52	4563.80	0.91	ppb
Antimony	121-1	0.64	0.62	0.60	0.62	3.33	ppb
Arsenic	75-2	3.44	3.88	3.75	3.69	6.11	ppb
Barium	135-1	45.63	45.95	45.82	45.80	0.35	ppb
Barium	137-1	45.83	45.68	45.07	45.53	0.89	ppb
Beryllium	9-1	0.38	0.39	0.29	0.35	15.42	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	8.12	8.26	7.68	8.02	3.79	ppb
Boron	11-1	7.44	7.94	7.39	7.59	4.01	ppb
Cadmium	111-1	0.57	0.69	0.66	0.64	10.23	ppb
Cadmium	106-1	-0.95	0.13	-0.56	-0.46		ppb
Cadmium	108-1	0.76	1.04	0.65	0.82	24.37	ppb
Calcium	43-1	2159.85	2141.40	2190.57	2163.94	1.15	ppb
Calcium	44-1	2149.99	2148.39	2158.69	2152.36	0.26	ppb
Chromium	52-2	12.05	12.44	12.15	12.21	1.67	ppb
Cobalt	59-2	5.84	5.96	5.82	5.87	1.31	ppb
Copper	63-2	21.38	21.56	21.35	21.43	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				89		%
Holmium	165-2				89		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	56-2	16961.01	17036.52	16832.51	16943.35	0.61	ppb
Iron	57-2	16755.12	16971.33	16769.36	16831.94	0.72	ppb
Lead	206-1	128.17	127.00	127.08	127.42	0.51	ppb
Lead	207-1	117.31	116.40	116.73	116.81	0.39	ppb
Lead	208-1	123.40	122.84	122.71	122.98	0.30	ppb
Lithium	6-1				88		%
Magnesium	24-2	1816.63	1840.57	1815.45	1824.21	0.78	ppb
Manganese	55-2	200.04	202.99	200.77	201.27	0.76	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:36:38	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.32	1.28	1.45	1.35	6.49	ppb
Molybdenum	95-1	0.34	0.35	0.37	0.35	4.90	ppb
Molybdenum	96-1	0.59	0.59	0.53	0.57	6.01	ppb
Molybdenum	97-1	0.40	0.37	0.44	0.40	8.14	ppb
Molybdenum	98-1	0.35	0.41	0.37	0.37	8.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.44	10.66	10.58	10.56	1.02	ppb
Phosphorus	31-2	701.72	680.74	715.84	699.43	2.53	ppb
Potassium	39-2	245.69	240.96	245.09	243.91	1.06	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				86		%
Scandium	45-2				83		%
Selenium	77-2	4.15	5.22	5.73	5.04	16.04	ppb
Selenium	78-2	0.07	0.09	1.05	0.41	137.57	ppb
Selenium	82-1	0.23	0.46	0.40	0.37	32.86	ppb
Silicon	28-1	809.14	800.82	817.59	809.18	1.04	ppb
Silver	109-1	0.30	0.30	0.31	0.30	1.20	ppb
Silver	107-1	0.29	0.31	0.30	0.30	3.93	ppb
Sodium	23-2	173.66	178.51	180.86	177.68	2.07	ppb
Strontium	86-1	8.92	9.24	9.23	9.13	1.96	ppb
Strontium	88-1	9.25	9.10	9.21	9.19	0.82	ppb
Sulfur	34-1	-539.87	-565.66	-699.00	-601.51		ppb
Terbium	159-1				90		%
Terbium	159-2				90		%
Thallium	203-1	0.04	0.04	0.04	0.04	11.15	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.41	ppb
Tin	118-1	0.98	0.98	1.03	1.00	3.09	ppb
Titanium	47-1	151.90	152.73	152.97	152.54	0.37	ppb
Uranium	238-1	0.51	0.50	0.54	0.52	3.80	ppb
Vanadium	51-2	24.09	24.34	24.21	24.21	0.52	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	226.80	228.26	230.12	228.39	0.73	ppb
Zirconium	90-1	0.68	0.67	0.65	0.67	1.99	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:36:38	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.68	0.66	0.69	0.68	1.88	ppb

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : I6246-07 Instrumnet Name : P7
 Client Sample ID : MBDXX1 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 16:40:10 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4582.79	4515.45	4555.64	4551.30	0.74	ppb
Antimony	121-1	0.62	0.56	0.64	0.60	6.78	ppb
Arsenic	75-2	3.76	4.00	3.61	3.79	5.11	ppb
Barium	135-1	46.07	45.07	45.80	45.65	1.13	ppb
Barium	137-1	46.41	45.74	45.67	45.94	0.89	ppb
Beryllium	9-1	0.37	0.30	0.29	0.32	13.29	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	4.34	4.80	6.37	5.17	20.66	ppb
Boron	11-1	5.06	5.29	5.63	5.33	5.38	ppb
Cadmium	111-1	0.57	0.56	0.57	0.57	1.34	ppb
Cadmium	106-1	-0.49	-0.69	-1.25	-0.81		ppb
Cadmium	108-1	1.20	1.25	1.00	1.15	11.43	ppb
Calcium	43-1	2699.75	2649.49	2710.29	2686.51	1.21	ppb
Calcium	44-1	2653.58	2651.27	2681.05	2661.97	0.62	ppb
Chromium	52-2	12.93	12.73	12.65	12.77	1.15	ppb
Cobalt	59-2	5.15	5.30	5.26	5.24	1.47	ppb
Copper	63-2	24.73	24.69	24.63	24.68	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				89		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	56-2	17291.30	17248.68	17223.77	17254.59	0.20	ppb
Iron	57-2	17207.53	17110.49	17118.33	17145.45	0.31	ppb
Lead	206-1	109.73	109.29	110.05	109.69	0.34	ppb
Lead	207-1	100.68	100.72	100.62	100.67	0.05	ppb
Lead	208-1	105.70	105.70	105.44	105.61	0.14	ppb
Lithium	6-1				88		%
Magnesium	24-2	1875.77	1860.77	1847.33	1861.29	0.76	ppb
Manganese	55-2	150.22	149.63	150.91	150.25	0.43	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:40:10	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.27	1.25	1.33	1.28	3.02	ppb
Molybdenum	95-1	0.34	0.37	0.33	0.35	5.58	ppb
Molybdenum	96-1	0.53	0.53	0.54	0.53	0.97	ppb
Molybdenum	97-1	0.37	0.31	0.38	0.35	10.93	ppb
Molybdenum	98-1	0.31	0.38	0.32	0.34	12.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.15	10.99	11.01	11.05	0.80	ppb
Phosphorus	31-2	715.41	685.04	738.39	712.95	3.75	ppb
Potassium	39-2	251.40	254.73	249.60	251.91	1.03	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				82		%
Selenium	77-2	6.30	8.42	6.82	7.18	15.41	ppb
Selenium	78-2	1.35	1.89	-0.07	1.06	95.92	ppb
Selenium	82-1	0.25	0.42	0.57	0.41	39.19	ppb
Silicon	28-1	940.94	914.21	930.24	928.46	1.45	ppb
Silver	109-1	0.28	0.30	0.33	0.30	7.37	ppb
Silver	107-1	0.32	0.30	0.36	0.33	9.00	ppb
Sodium	23-2	187.93	185.09	189.83	187.62	1.27	ppb
Strontium	86-1	8.90	8.84	8.59	8.78	1.92	ppb
Strontium	88-1	8.95	8.91	8.99	8.95	0.42	ppb
Sulfur	34-1	-697.18	-721.52	-738.19	-718.96		ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.02	0.02	0.03	0.02	13.59	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	18.11	ppb
Tin	118-1	1.08	1.03	1.05	1.06	2.52	ppb
Titanium	47-1	148.19	147.75	149.75	148.56	0.71	ppb
Uranium	238-1	0.55	0.55	0.56	0.56	1.20	ppb
Vanadium	51-2	25.22	25.17	25.14	25.18	0.17	ppb
Yttrium	89-1				92		%
Yttrium	89-2				86		%
Zinc	66-2	220.85	218.39	220.13	219.79	0.57	ppb
Zirconium	90-1	0.66	0.65	0.68	0.66	2.25	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:40:10	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.68	0.55	0.67	0.63	11.72	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:43:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6454.76	6628.15	6604.76	6562.56	1.43	ppb
Antimony	121-1	1.34	1.30	1.29	1.31	1.88	ppb
Arsenic	75-2	5.60	5.87	5.87	5.78	2.71	ppb
Barium	135-1	37.95	38.09	36.97	37.67	1.61	ppb
Barium	137-1	38.09	37.81	37.91	37.94	0.38	ppb
Beryllium	9-1	0.38	0.37	0.37	0.37	2.07	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	7.32	7.18	6.82	7.10	3.61	ppb
Boron	11-1	7.04	7.15	7.39	7.19	2.45	ppb
Cadmium	111-1	1.29	1.38	1.28	1.32	4.30	ppb
Cadmium	106-1	-0.69	0.00	-0.43	-0.37		ppb
Cadmium	108-1	1.50	1.43	1.97	1.63	18.09	ppb
Calcium	43-1	4260.16	4265.62	4220.81	4248.87	0.58	ppb
Calcium	44-1	4210.41	4183.53	4190.03	4194.66	0.33	ppb
Chromium	52-2	36.90	37.61	37.20	37.24	0.96	ppb
Cobalt	59-2	13.99	14.28	14.01	14.10	1.16	ppb
Copper	63-2	84.98	85.01	85.30	85.10	0.21	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				89		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	31267.84	31651.69	31562.45	31493.99	0.64	ppb
Iron	57-2	30870.71	31291.50	31281.89	31148.03	0.77	ppb
Lead	206-1	109.96	108.97	109.39	109.44	0.45	ppb
Lead	207-1	101.45	100.72	100.99	101.05	0.36	ppb
Lead	208-1	105.95	105.47	105.14	105.52	0.39	ppb
Lithium	6-1				87		%
Magnesium	24-2	4852.10	4915.82	4885.61	4884.51	0.65	ppb
Manganese	55-2	185.86	187.67	187.60	187.04	0.55	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:43:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.26	7.20	7.17	7.21	0.64	ppb
Molybdenum	95-1	8.58	8.27	8.52	8.46	1.96	ppb
Molybdenum	96-1	8.31	8.49	8.56	8.45	1.51	ppb
Molybdenum	97-1	8.40	8.56	8.58	8.51	1.16	ppb
Molybdenum	98-1	8.53	8.48	8.68	8.56	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.23	21.70	21.42	21.45	1.12	ppb
Phosphorus	31-2	711.58	740.38	832.91	761.63	8.32	ppb
Potassium	39-2	378.80	374.62	373.62	375.68	0.73	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				84		%
Scandium	45-2				82		%
Selenium	77-2	9.48	8.94	4.74	7.72	33.59	ppb
Selenium	78-2	2.16	0.65	0.57	1.13	80.02	ppb
Selenium	82-1	-0.08	0.61	-0.04	0.16	241.28	ppb
Silicon	28-1	922.63	911.17	917.41	917.07	0.63	ppb
Silver	109-1	0.25	0.27	0.26	0.26	3.72	ppb
Silver	107-1	0.27	0.26	0.30	0.28	6.04	ppb
Sodium	23-2	234.34	239.73	241.52	238.53	1.57	ppb
Strontium	86-1	15.12	15.22	14.91	15.08	1.06	ppb
Strontium	88-1	15.23	15.16	15.19	15.19	0.23	ppb
Sulfur	34-1	-902.98	-1017.28	-842.65	-920.97		ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.04	0.03	0.04	0.04	16.41	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.10	ppb
Tin	118-1	4.60	4.61	4.55	4.59	0.72	ppb
Titanium	47-1	275.22	274.77	275.39	275.13	0.12	ppb
Uranium	238-1	0.49	0.47	0.48	0.48	2.13	ppb
Vanadium	51-2	54.24	54.66	54.85	54.58	0.57	ppb
Yttrium	89-1				91		%
Yttrium	89-2				86		%
Zinc	66-2	347.74	350.07	353.59	350.47	0.84	ppb
Zirconium	90-1	0.96	1.19	0.93	1.03	13.76	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:43:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.97	0.87	0.90	6.92	ppb

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : I6246-15 Instrumnet Name : P7
 Client Sample ID : MBDXM1D Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 16:47:16 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6544.57	6510.70	6430.87	6495.38	0.90	ppb
Antimony	121-1	1.36	1.34	1.41	1.37	2.55	ppb
Arsenic	75-2	5.49	5.49	5.74	5.57	2.64	ppb
Barium	135-1	37.65	37.64	37.75	37.68	0.17	ppb
Barium	137-1	38.06	38.04	37.79	37.96	0.39	ppb
Beryllium	9-1	0.37	0.32	0.35	0.34	8.02	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	6.63	6.35	6.74	6.57	3.10	ppb
Boron	11-1	6.76	7.05	6.91	6.91	2.06	ppb
Cadmium	111-1	1.33	1.46	1.40	1.40	4.68	ppb
Cadmium	106-1	-0.78	-0.35	0.21	-0.31		ppb
Cadmium	108-1	1.67	1.51	1.74	1.64	7.37	ppb
Calcium	43-1	4310.83	4214.57	4291.79	4272.40	1.19	ppb
Calcium	44-1	4264.70	4262.44	4261.11	4262.75	0.04	ppb
Chromium	52-2	36.45	36.80	35.71	36.32	1.54	ppb
Cobalt	59-2	13.84	13.74	13.60	13.73	0.89	ppb
Copper	63-2	87.63	87.48	87.28	87.46	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				84		%
Iron	56-2	31147.82	31075.90	30813.82	31012.51	0.57	ppb
Iron	57-2	30882.64	30786.73	30765.00	30811.46	0.20	ppb
Lead	206-1	108.70	108.51	107.06	108.09	0.83	ppb
Lead	207-1	99.46	98.87	98.19	98.84	0.64	ppb
Lead	208-1	104.16	103.73	103.34	103.74	0.40	ppb
Lithium	6-1				87		%
Magnesium	24-2	4982.33	4954.64	4930.97	4955.98	0.52	ppb
Manganese	55-2	186.98	186.57	184.54	186.03	0.70	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:47:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.14	7.99	8.19	8.11	1.33	ppb
Molybdenum	95-1	9.71	9.63	9.47	9.60	1.24	ppb
Molybdenum	96-1	9.73	9.78	9.49	9.67	1.58	ppb
Molybdenum	97-1	9.69	9.74	9.58	9.67	0.84	ppb
Molybdenum	98-1	9.74	9.56	9.67	9.66	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.44	21.85	21.35	21.55	1.23	ppb
Phosphorus	31-2	697.24	763.66	767.00	742.63	5.30	ppb
Potassium	39-2	386.79	374.74	369.64	377.06	2.34	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				84		%
Scandium	45-2				82		%
Selenium	77-2	10.09	4.74	4.75	6.53	47.31	ppb
Selenium	78-2	1.40	1.99	1.54	1.64	18.63	ppb
Selenium	82-1	-0.50	0.19	0.82	0.17	384.80	ppb
Silicon	28-1	927.65	912.15	958.38	932.73	2.52	ppb
Silver	109-1	0.25	0.25	0.27	0.25	3.97	ppb
Silver	107-1	0.26	0.26	0.28	0.27	4.69	ppb
Sodium	23-2	242.63	240.72	237.35	240.23	1.11	ppb
Strontium	86-1	15.32	15.33	15.15	15.27	0.65	ppb
Strontium	88-1	14.98	15.18	15.04	15.06	0.68	ppb
Sulfur	34-1	-990.68	-857.78	-925.28	-924.58		ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.04	0.04	0.04	19.35	ppb
Thallium	205-1	0.03	0.03	0.04	0.04	7.54	ppb
Tin	118-1	4.67	4.83	4.67	4.72	1.91	ppb
Titanium	47-1	271.30	272.65	272.53	272.16	0.27	ppb
Uranium	238-1	0.51	0.50	0.49	0.50	1.85	ppb
Vanadium	51-2	53.79	53.68	52.78	53.41	1.03	ppb
Yttrium	89-1				92		%
Yttrium	89-2				86		%
Zinc	66-2	346.34	348.55	343.91	346.26	0.67	ppb
Zirconium	90-1	0.91	0.94	0.91	0.92	2.12	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:47:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.94	0.93	0.91	3.80	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:50:47	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1283.62	1286.36	1270.37	1280.12	0.67	ppb
Antimony	121-1	0.25	0.20	0.23	0.23	10.75	ppb
Arsenic	75-2	1.12	1.08	1.22	1.14	6.28	ppb
Barium	135-1	7.47	7.32	7.38	7.39	1.00	ppb
Barium	137-1	7.46	7.42	7.58	7.48	1.10	ppb
Beryllium	9-1	0.05	0.07	0.04	0.05	29.32	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Boron	10-1	4.35	3.30	3.22	3.62	17.50	ppb
Boron	11-1	2.48	2.27	2.03	2.26	9.88	ppb
Cadmium	111-1	0.11	0.09	0.14	0.11	24.89	ppb
Cadmium	106-1	-1.63	-2.30	-1.20	-1.71		ppb
Cadmium	108-1	0.32	0.32	0.39	0.34	10.38	ppb
Calcium	43-1	836.00	818.71	833.72	829.48	1.13	ppb
Calcium	44-1	785.08	787.02	784.32	785.48	0.18	ppb
Chromium	52-2	7.35	7.20	7.52	7.36	2.17	ppb
Cobalt	59-2	2.76	2.71	2.77	2.75	1.17	ppb
Copper	63-2	16.83	17.05	17.02	16.97	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				87		%
Indium	115-1				88		%
Indium	115-2				84		%
Iron	56-2	6250.61	6186.17	6215.81	6217.53	0.52	ppb
Iron	57-2	6155.60	6148.98	6106.50	6137.03	0.43	ppb
Lead	206-1	21.34	21.26	21.22	21.27	0.29	ppb
Lead	207-1	19.44	19.61	19.71	19.59	0.68	ppb
Lead	208-1	20.52	20.50	20.51	20.51	0.06	ppb
Lithium	6-1				85		%
Magnesium	24-2	957.51	973.96	965.87	965.78	0.85	ppb
Manganese	55-2	36.95	37.33	36.63	36.97	0.95	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:50:47	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.47	1.44	1.37	1.43	3.32	ppb
Molybdenum	95-1	1.66	1.70	1.80	1.72	4.12	ppb
Molybdenum	96-1	1.68	1.74	1.66	1.69	2.58	ppb
Molybdenum	97-1	1.72	1.77	1.70	1.73	1.99	ppb
Molybdenum	98-1	1.71	1.73	1.69	1.71	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.41	4.15	4.28	4.28	3.06	ppb
Phosphorus	31-2	159.21	133.03	123.51	138.58	13.34	ppb
Potassium	39-2	74.06	72.71	75.24	74.00	1.71	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	77-2	0.00	1.08	2.71	1.26	107.85	ppb
Selenium	78-2	0.40	-0.16	1.21	0.48	143.34	ppb
Selenium	82-1	-0.11	0.39	0.64	0.31	122.88	ppb
Silicon	28-1	196.25	196.26	194.68	195.73	0.46	ppb
Silver	109-1	0.11	0.10	0.09	0.10	10.96	ppb
Silver	107-1	0.12	0.10	0.11	0.11	8.31	ppb
Sodium	23-2	71.35	72.14	72.68	72.06	0.93	ppb
Strontium	86-1	3.02	3.02	2.99	3.01	0.49	ppb
Strontium	88-1	3.00	2.96	2.99	2.98	0.68	ppb
Sulfur	34-1	-1091.71	-1166.25	-1082.62	-1113.53		ppb
Terbium	159-1				88		%
Terbium	159-2				88		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.93	0.87	0.91	0.91	3.07	ppb
Titanium	47-1	54.00	52.69	53.68	53.46	1.28	ppb
Uranium	238-1	0.10	0.09	0.10	0.10	4.27	ppb
Vanadium	51-2	10.84	10.39	10.91	10.71	2.64	ppb
Yttrium	89-1				88		%
Yttrium	89-2				84		%
Zinc	66-2	69.48	69.63	69.75	69.62	0.19	ppb
Zirconium	90-1	0.18	0.16	0.17	0.17	4.18	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:50:47	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.15	0.21	0.19	15.58	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:54:18	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6605.04	6588.15	6564.38	6585.86	0.31	ppb
Antimony	121-1	22.15	21.43	21.53	21.71	1.80	ppb
Arsenic	75-2	13.65	13.60	13.79	13.68	0.73	ppb
Barium	135-1	449.25	441.95	444.77	445.32	0.83	ppb
Barium	137-1	449.86	442.23	446.99	446.36	0.86	ppb
Beryllium	9-1	9.77	9.42	9.84	9.67	2.33	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Boron	10-1	5.15	6.78	5.96	5.96	13.67	ppb
Boron	11-1	5.65	6.01	6.40	6.02	6.25	ppb
Cadmium	111-1	12.14	11.69	11.82	11.88	1.96	ppb
Cadmium	106-1	8.89	8.83	9.09	8.94	1.49	ppb
Cadmium	108-1	10.55	11.08	10.76	10.80	2.50	ppb
Calcium	43-1	4246.67	4160.74	4102.59	4170.00	1.74	ppb
Calcium	44-1	4167.57	4154.92	4139.00	4153.83	0.34	ppb
Chromium	52-2	76.58	76.13	76.23	76.31	0.31	ppb
Cobalt	59-2	125.65	123.96	124.38	124.66	0.71	ppb
Copper	63-2	142.53	141.63	142.14	142.10	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				88		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	29525.84	29346.64	29342.91	29405.13	0.36	ppb
Iron	57-2	29372.77	29036.60	29112.68	29174.02	0.60	ppb
Lead	206-1	106.72	106.30	104.82	105.95	0.94	ppb
Lead	207-1	98.41	97.99	97.69	98.03	0.37	ppb
Lead	208-1	102.48	102.01	101.95	102.14	0.28	ppb
Lithium	6-1				87		%
Magnesium	24-2	4817.17	4750.11	4756.68	4774.65	0.77	ppb
Manganese	55-2	284.30	283.19	283.65	283.71	0.20	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:54:18	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.44	8.42	8.09	8.32	2.36	ppb
Molybdenum	95-1	10.23	10.12	10.12	10.16	0.63	ppb
Molybdenum	96-1	9.83	9.94	9.97	9.91	0.78	ppb
Molybdenum	97-1	10.21	10.29	9.79	10.10	2.69	ppb
Molybdenum	98-1	10.16	10.16	10.14	10.15	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.56	132.33	132.36	133.08	0.96	ppb
Phosphorus	31-2	716.38	697.01	709.45	707.61	1.39	ppb
Potassium	39-2	365.47	363.66	360.74	363.29	0.66	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	77-2	27.35	28.99	28.33	28.22	2.94	ppb
Selenium	78-2	22.64	21.81	21.52	21.99	2.65	ppb
Selenium	82-1	22.91	20.95	21.07	21.65	5.07	ppb
Silicon	28-1	888.87	902.96	884.89	892.24	1.06	ppb
Silver	109-1	10.66	10.37	10.39	10.48	1.55	ppb
Silver	107-1	10.58	10.51	10.72	10.60	1.02	ppb
Sodium	23-2	236.88	228.65	231.83	232.45	1.79	ppb
Strontium	86-1	14.88	14.41	14.67	14.66	1.61	ppb
Strontium	88-1	14.60	14.44	14.66	14.57	0.80	ppb
Sulfur	34-1	-805.78	-823.36	-870.67	-833.27		ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	9.96	9.73	9.96	9.88	1.35	ppb
Thallium	205-1	10.12	10.07	9.97	10.05	0.80	ppb
Tin	118-1	4.56	4.55	4.45	4.52	1.31	ppb
Titanium	47-1	257.80	258.04	261.81	259.22	0.87	ppb
Uranium	238-1	0.50	0.50	0.49	0.49	1.25	ppb
Vanadium	51-2	156.40	154.41	154.35	155.05	0.75	ppb
Yttrium	89-1				91		%
Yttrium	89-2				86		%
Zinc	66-2	443.07	437.61	437.63	439.43	0.72	ppb
Zirconium	90-1	0.92	0.86	0.83	0.87	5.18	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:54:18	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.87	0.93	0.88	5.20	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 16:57:49	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	224.75	212.77	232.16	223.22	4.38	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	24.41	ppb
Arsenic	75-2	0.10	0.17	0.15	0.14	23.40	ppb
Barium	135-1	2.08	2.10	2.23	2.14	3.67	ppb
Barium	137-1	2.17	2.23	2.26	2.22	2.05	ppb
Beryllium	9-1	0.05	0.01	0.02	0.03	99.22	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	0.67	0.83	1.24	0.92	32.12	ppb
Boron	11-1	0.70	1.03	0.92	0.88	19.38	ppb
Cadmium	111-1	-0.06	-0.02	-0.07	-0.05		ppb
Cadmium	106-1	-1.16	-0.75	-1.38	-1.10		ppb
Cadmium	108-1	0.02	-0.03	0.00	0.00		ppb
Calcium	43-1	108.82	115.55	117.38	113.92	3.96	ppb
Calcium	44-1	67.54	64.07	62.18	64.60	4.21	ppb
Chromium	52-2	0.59	0.58	0.55	0.57	4.08	ppb
Cobalt	59-2	0.26	0.26	0.29	0.27	6.75	ppb
Copper	63-2	1.30	1.38	1.32	1.33	3.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				87		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	809.97	802.56	806.85	806.46	0.46	ppb
Iron	57-2	819.20	823.93	814.15	819.09	0.60	ppb
Lead	206-1	6.25	6.25	6.39	6.30	1.28	ppb
Lead	207-1	5.85	5.81	5.84	5.83	0.30	ppb
Lead	208-1	6.09	6.06	6.10	6.08	0.31	ppb
Lithium	6-1				84		%
Magnesium	24-2	85.80	83.10	86.16	85.02	1.97	ppb
Manganese	55-2	9.79	9.68	9.73	9.73	0.54	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 16:57:49	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.05	0.06	0.07	33.74	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	18.67	ppb
Molybdenum	96-1	0.05	0.04	0.06	0.05	24.56	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	32.77	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	34.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.53	0.62	0.54	13.92	ppb
Phosphorus	31-2	24.30	26.22	11.57	20.70	38.47	ppb
Potassium	39-2	6.26	13.39	11.10	10.25	35.50	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				82		%
Scandium	45-2				81		%
Selenium	77-2	0.54	0.00	0.00	0.18	173.21	ppb
Selenium	78-2	-0.34	0.02	0.29	-0.01		ppb
Selenium	82-1	-0.28	0.16	-0.38	-0.17		ppb
Silicon	28-1	40.12	40.48	40.66	40.42	0.68	ppb
Silver	109-1	0.08	0.07	0.08	0.08	6.10	ppb
Silver	107-1	0.08	0.07	0.07	0.07	5.31	ppb
Sodium	23-2	38.56	36.46	35.97	37.00	3.72	ppb
Strontium	86-1	0.41	0.51	0.40	0.44	13.62	ppb
Strontium	88-1	0.45	0.47	0.47	0.46	2.42	ppb
Sulfur	34-1	-1071.49	-1034.11	-1018.16	-1041.25		ppb
Terbium	159-1				86		%
Terbium	159-2				87		%
Thallium	203-1	0.00	0.00	0.01	0.00	298.13	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	27.75	ppb
Tin	118-1	0.05	0.55	0.03	0.21	139.28	ppb
Titanium	47-1	7.09	7.06	7.35	7.17	2.18	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.04	ppb
Vanadium	51-2	1.26	1.20	1.23	1.23	2.38	ppb
Yttrium	89-1				88		%
Yttrium	89-2				84		%
Zinc	66-2	11.67	11.10	11.55	11.44	2.62	ppb
Zirconium	90-1	0.04	0.02	0.04	0.03	31.17	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 16:57:49	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.00	0.01	80.05	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:08:23	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49977.93	50205.09	49279.99	49821.00	0.97	ppb
Antimony	121-1	484.28	489.46	489.63	487.79	0.62	ppb
Arsenic	75-2	496.59	496.65	497.78	497.01	0.13	ppb
Barium	135-1	2515.42	2534.28	2526.51	2525.40	0.38	ppb
Barium	137-1	2523.88	2548.15	2538.22	2536.75	0.48	ppb
Beryllium	9-1	489.06	492.81	491.72	491.20	0.39	ppb
Bismuth	209-1				81		%
Bismuth	209-2				81		%
Boron	10-1	466.23	494.14	498.45	486.28	3.60	ppb
Boron	11-1	479.55	490.13	490.62	486.77	1.29	ppb
Cadmium	111-1	478.18	478.53	479.49	478.73	0.14	ppb
Cadmium	106-1	474.72	487.42	478.57	480.24	1.36	ppb
Cadmium	108-1	480.60	491.49	488.63	486.91	1.16	ppb
Calcium	43-1	248366.73	251455.95	249660.58	249827.76	0.62	ppb
Calcium	44-1	248205.11	250861.83	250370.58	249812.51	0.57	ppb
Chromium	52-2	513.26	517.44	508.54	513.08	0.87	ppb
Cobalt	59-2	505.69	509.00	499.74	504.81	0.93	ppb
Copper	63-2	996.97	1007.99	987.56	997.51	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				89		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	127780.17	127735.41	125935.24	127150.27	0.83	ppb
Iron	57-2	128609.75	128966.56	126467.37	128014.56	1.06	ppb
Lead	206-1	501.23	504.83	507.30	504.46	0.61	ppb
Lead	207-1	500.26	502.14	505.21	502.54	0.50	ppb
Lead	208-1	507.45	510.66	512.31	510.14	0.48	ppb
Lithium	6-1				83		%
Magnesium	24-2	256768.68	258245.88	254005.80	256340.12	0.84	ppb
Manganese	55-2	1009.20	1011.43	999.24	1006.63	0.64	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:08:23	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2523.77	2571.70	2559.19	2551.55	0.97	ppb
Molybdenum	95-1	2539.57	2574.25	2566.35	2560.06	0.71	ppb
Molybdenum	96-1	2531.95	2561.86	2553.89	2549.23	0.61	ppb
Molybdenum	97-1	2535.52	2563.40	2550.55	2549.82	0.55	ppb
Molybdenum	98-1	2541.74	2561.08	2552.58	2551.80	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.31	505.30	499.57	504.06	0.80	ppb
Phosphorus	31-2	9972.80	10322.22	9763.89	10019.64	2.82	ppb
Potassium	39-2	124771.71	124864.94	122906.64	124181.10	0.89	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				86		%
Scandium	45-2				88		%
Selenium	77-2	478.51	486.84	479.54	481.63	0.94	ppb
Selenium	78-2	490.55	495.68	484.16	490.13	1.18	ppb
Selenium	82-1	479.67	493.23	483.97	485.62	1.43	ppb
Silicon	28-1	507.36	522.44	525.05	518.29	1.84	ppb
Silver	109-1	474.12	476.11	476.10	475.44	0.24	ppb
Silver	107-1	485.45	488.12	485.01	486.19	0.35	ppb
Sodium	23-2	256909.93	258935.82	253637.41	256494.38	1.04	ppb
Strontium	86-1	510.12	515.61	514.17	513.30	0.55	ppb
Strontium	88-1	517.57	520.33	521.76	519.89	0.41	ppb
Sulfur	34-1	9359.96	9572.91	9285.02	9405.96	1.59	ppb
Terbium	159-1				87		%
Terbium	159-2				89		%
Thallium	203-1	507.77	511.67	513.12	510.86	0.54	ppb
Thallium	205-1	514.03	520.03	515.89	516.65	0.59	ppb
Tin	118-1	481.20	486.06	487.89	485.05	0.71	ppb
Titanium	47-1	2489.35	2509.27	2498.33	2498.98	0.40	ppb
Uranium	238-1	526.09	523.25	522.60	523.98	0.35	ppb
Vanadium	51-2	510.52	514.77	505.11	510.13	0.95	ppb
Yttrium	89-1				88		%
Yttrium	89-2				89		%
Zinc	66-2	983.64	986.85	970.42	980.30	0.89	ppb
Zirconium	90-1	505.21	510.76	510.94	508.97	0.64	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:08:23	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.04	504.90	502.80	500.91	1.04	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:11:59	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	-0.13	0.37	0.34	132.82	ppb
Antimony	121-1	1.37	1.29	1.18	1.28	7.48	ppb
Arsenic	75-2	0.05	0.09	0.13	0.09	42.88	ppb
Barium	135-1	-0.01	0.02	0.02	0.01	180.30	ppb
Barium	137-1	0.00	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.09	0.12	0.08	0.10	23.31	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	13.44	11.68	11.70	12.27	8.21	ppb
Boron	11-1	13.57	11.85	10.80	12.08	11.57	ppb
Cadmium	111-1	-0.07	-0.07	-0.16	-0.10		ppb
Cadmium	106-1	-1.28	-1.06	-2.25	-1.53		ppb
Cadmium	108-1	0.04	0.10	0.06	0.06	49.48	ppb
Calcium	43-1	-2.09	-2.47	-7.88	-4.15		ppb
Calcium	44-1	-49.93	-46.15	-47.87	-47.98		ppb
Chromium	52-2	-0.06	-0.04	-0.06	-0.06		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	1639.98	ppb
Copper	63-2	0.17	0.15	0.19	0.17	11.34	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				89		%
Holmium	165-2				91		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	3.91	4.04	3.90	3.95	1.95	ppb
Iron	57-2	3.16	4.70	4.41	4.09	20.08	ppb
Lead	206-1	0.11	0.09	0.08	0.09	18.09	ppb
Lead	207-1	0.10	0.09	0.12	0.10	15.65	ppb
Lead	208-1	0.10	0.09	0.10	0.10	4.53	ppb
Lithium	6-1				90		%
Magnesium	24-2	-2.27	-3.03	-1.60	-2.30		ppb
Manganese	55-2	0.03	0.03	0.03	0.03	0.35	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:11:59	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.77	0.80	0.70	0.76	6.90	ppb
Molybdenum	95-1	0.92	0.91	0.77	0.87	9.70	ppb
Molybdenum	96-1	0.96	0.86	0.80	0.87	8.98	ppb
Molybdenum	97-1	0.96	0.89	0.82	0.89	7.38	ppb
Molybdenum	98-1	0.99	0.86	0.79	0.88	11.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	-0.05	-0.02		ppb
Phosphorus	31-2	-15.46	3.86	-19.38	-10.33		ppb
Potassium	39-2	5.93	4.07	3.82	4.61	25.09	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	77-2	0.00	1.01	0.00	0.34	173.21	ppb
Selenium	78-2	-0.69	0.57	-0.95	-0.35		ppb
Selenium	82-1	-0.29	0.33	0.30	0.11	315.89	ppb
Silicon	28-1	-1.43	-1.73	-1.69	-1.62		ppb
Silver	109-1	0.06	0.07	0.07	0.07	4.83	ppb
Silver	107-1	0.08	0.06	0.07	0.07	10.32	ppb
Sodium	23-2	24.45	25.67	26.31	25.48	3.72	ppb
Strontium	86-1	0.03	-0.02	-0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-908.52	-938.45	-1014.75	-953.91		ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	0.12	0.10	0.08	0.10	19.01	ppb
Thallium	205-1	0.11	0.10	0.08	0.10	18.40	ppb
Tin	118-1	0.34	0.27	0.29	0.30	12.57	ppb
Titanium	47-1	0.14	0.09	0.05	0.09	47.84	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	40.73	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	67.29	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	0.40	0.21	0.26	0.29	33.21	ppb
Zirconium	90-1	0.11	0.09	0.07	0.09	22.90	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:11:59	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.07	0.08	0.07	10.51	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:15:30	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	224.31	224.49	221.58	223.46	0.73	ppb
Antimony	121-1	0.39	0.39	0.35	0.38	5.55	ppb
Arsenic	75-2	0.22	0.23	0.22	0.23	1.35	ppb
Barium	135-1	2.20	2.30	2.24	2.24	2.24	ppb
Barium	137-1	2.38	2.21	2.35	2.31	3.88	ppb
Beryllium	9-1	0.09	0.10	0.07	0.09	20.32	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	6.93	6.14	7.03	6.70	7.24	ppb
Boron	11-1	5.46	5.79	5.86	5.70	3.75	ppb
Cadmium	111-1	-0.07	0.03	-0.05	-0.03		ppb
Cadmium	106-1	-1.52	-0.11	-1.38	-1.00		ppb
Cadmium	108-1	0.02	0.12	-0.01	0.04	153.95	ppb
Calcium	43-1	131.40	132.80	131.86	132.02	0.54	ppb
Calcium	44-1	86.90	85.01	86.50	86.14	1.16	ppb
Chromium	52-2	0.63	0.64	0.66	0.64	1.97	ppb
Cobalt	59-2	0.29	0.25	0.24	0.26	10.01	ppb
Copper	63-2	1.25	1.25	1.26	1.25	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	806.51	819.29	804.10	809.97	1.01	ppb
Iron	57-2	825.91	823.05	840.51	829.83	1.13	ppb
Lead	206-1	5.57	5.48	5.34	5.46	2.17	ppb
Lead	207-1	5.02	4.93	4.98	4.98	0.95	ppb
Lead	208-1	5.28	5.24	5.20	5.24	0.76	ppb
Lithium	6-1				89		%
Magnesium	24-2	89.43	88.30	87.77	88.50	0.96	ppb
Manganese	55-2	7.37	7.36	7.46	7.40	0.71	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:15:30	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.41	0.40	0.41	0.41	1.94	ppb
Molybdenum	95-1	0.29	0.26	0.26	0.27	6.17	ppb
Molybdenum	96-1	0.27	0.30	0.27	0.28	6.14	ppb
Molybdenum	97-1	0.26	0.33	0.29	0.29	12.40	ppb
Molybdenum	98-1	0.23	0.28	0.27	0.26	10.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.50	0.44	0.48	8.04	ppb
Phosphorus	31-2	48.84	17.82	26.76	31.14	51.27	ppb
Potassium	39-2	18.31	12.53	15.14	15.33	18.87	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	0.08	1.26	0.45	156.31	ppb
Selenium	82-1	-0.18	0.33	0.25	0.13	212.34	ppb
Silicon	28-1	47.44	47.99	47.53	47.65	0.62	ppb
Silver	109-1	0.04	0.04	0.05	0.04	17.81	ppb
Silver	107-1	0.06	0.05	0.06	0.06	1.73	ppb
Sodium	23-2	31.41	28.89	30.99	30.43	4.44	ppb
Strontium	86-1	0.40	0.34	0.45	0.40	13.46	ppb
Strontium	88-1	0.43	0.46	0.45	0.45	2.44	ppb
Sulfur	34-1	-721.11	-735.35	-863.89	-773.45		ppb
Terbium	159-1				89		%
Terbium	159-2				91		%
Thallium	203-1	0.05	0.04	0.04	0.04	17.60	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	17.15	ppb
Tin	118-1	0.14	0.13	0.13	0.13	5.51	ppb
Titanium	47-1	7.34	7.10	7.14	7.19	1.83	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.24	ppb
Vanadium	51-2	1.18	1.19	1.10	1.15	4.53	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	10.56	10.83	11.38	10.92	3.79	ppb
Zirconium	90-1	0.15	0.13	0.15	0.14	6.50	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:15:30	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.09	0.14	0.12	20.02	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:19:02	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	326.17	326.85	328.46	327.16	0.36	ppb
Antimony	121-1	0.22	0.22	0.21	0.22	2.31	ppb
Arsenic	75-2	0.27	0.31	0.32	0.30	7.46	ppb
Barium	135-1	1.87	1.90	1.92	1.90	1.44	ppb
Barium	137-1	1.85	1.79	1.93	1.86	3.86	ppb
Beryllium	9-1	0.02	0.06	0.05	0.04	44.32	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	2.93	3.57	3.51	3.34	10.65	ppb
Boron	11-1	3.15	3.05	3.37	3.19	5.15	ppb
Cadmium	111-1	0.05	0.03	-0.07	0.00	3347.13	ppb
Cadmium	106-1	-0.22	-0.59	-1.82	-0.87		ppb
Cadmium	108-1	0.08	0.06	0.10	0.08	26.65	ppb
Calcium	43-1	208.27	227.06	200.44	211.92	6.46	ppb
Calcium	44-1	169.94	166.37	167.98	168.10	1.07	ppb
Chromium	52-2	1.89	1.83	1.75	1.82	3.82	ppb
Cobalt	59-2	0.64	0.69	0.67	0.67	3.51	ppb
Copper	63-2	4.16	3.96	4.12	4.08	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	1508.64	1509.77	1497.97	1505.46	0.43	ppb
Iron	57-2	1513.93	1552.72	1522.60	1529.75	1.33	ppb
Lead	206-1	5.49	5.48	5.52	5.50	0.39	ppb
Lead	207-1	5.16	5.10	5.11	5.12	0.66	ppb
Lead	208-1	5.34	5.35	5.30	5.33	0.51	ppb
Lithium	6-1				89		%
Magnesium	24-2	241.09	237.96	242.41	240.48	0.95	ppb
Manganese	55-2	8.94	9.31	9.14	9.13	2.03	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:19:02	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.50	0.54	0.44	0.49	10.56	ppb
Molybdenum	95-1	0.60	0.59	0.55	0.58	4.21	ppb
Molybdenum	96-1	0.61	0.50	0.63	0.58	11.78	ppb
Molybdenum	97-1	0.50	0.57	0.57	0.55	7.11	ppb
Molybdenum	98-1	0.54	0.57	0.55	0.55	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.04	1.03	1.07	5.56	ppb
Phosphorus	31-2	33.33	27.99	29.20	30.17	9.27	ppb
Potassium	39-2	22.09	26.41	21.30	23.27	11.81	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	77-2	0.00	1.02	0.51	0.51	100.22	ppb
Selenium	78-2	-0.32	0.63	-0.59	-0.09		ppb
Selenium	82-1	-0.55	0.14	-0.11	-0.17		ppb
Silicon	28-1	48.90	49.48	48.95	49.11	0.66	ppb
Silver	109-1	0.04	0.03	0.04	0.04	15.12	ppb
Silver	107-1	0.05	0.05	0.03	0.04	17.68	ppb
Sodium	23-2	28.99	29.93	26.45	28.46	6.33	ppb
Strontium	86-1	0.81	0.63	0.80	0.74	13.67	ppb
Strontium	88-1	0.78	0.73	0.78	0.76	4.09	ppb
Sulfur	34-1	-814.60	-797.63	-817.25	-809.83		ppb
Terbium	159-1				88		%
Terbium	159-2				90		%
Thallium	203-1	0.02	0.02	0.02	0.02	7.02	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.64	ppb
Tin	118-1	0.27	0.28	0.27	0.27	2.23	ppb
Titanium	47-1	13.84	13.89	13.20	13.64	2.84	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	15.98	ppb
Vanadium	51-2	2.63	2.68	2.62	2.65	1.23	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	17.49	18.46	17.13	17.69	3.89	ppb
Zirconium	90-1	0.09	0.10	0.09	0.10	3.27	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:19:02	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.11	0.08	0.09	20.70	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:22:34	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	332.43	326.25	334.13	330.94	1.25	ppb
Antimony	121-1	0.16	0.13	0.15	0.15	11.41	ppb
Arsenic	75-2	0.28	0.24	0.33	0.28	16.26	ppb
Barium	135-1	1.90	1.81	1.84	1.85	2.66	ppb
Barium	137-1	1.91	1.73	1.75	1.80	5.63	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	19.89	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	2.25	2.35	2.56	2.39	6.54	ppb
Boron	11-1	2.07	1.71	1.67	1.82	12.08	ppb
Cadmium	111-1	-0.08	-0.04	-0.11	-0.08		ppb
Cadmium	106-1	-2.24	-1.38	-2.29	-1.97		ppb
Cadmium	108-1	0.08	0.08	0.02	0.06	62.10	ppb
Calcium	43-1	217.79	212.52	204.22	211.51	3.23	ppb
Calcium	44-1	164.91	163.66	167.11	165.23	1.06	ppb
Chromium	52-2	1.76	1.64	1.81	1.73	5.06	ppb
Cobalt	59-2	0.65	0.66	0.63	0.65	2.03	ppb
Copper	63-2	4.18	3.98	3.92	4.03	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	1467.59	1461.58	1459.33	1462.83	0.29	ppb
Iron	57-2	1516.35	1485.89	1486.15	1496.13	1.17	ppb
Lead	206-1	5.34	5.35	5.48	5.39	1.50	ppb
Lead	207-1	4.98	5.05	5.01	5.01	0.71	ppb
Lead	208-1	5.19	5.19	5.23	5.20	0.51	ppb
Lithium	6-1				88		%
Magnesium	24-2	243.16	241.60	242.20	242.32	0.32	ppb
Manganese	55-2	9.02	8.86	8.95	8.95	0.86	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:22:34	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.48	0.46	0.50	0.48	4.23	ppb
Molybdenum	95-1	0.53	0.59	0.57	0.57	5.02	ppb
Molybdenum	96-1	0.56	0.54	0.51	0.54	4.84	ppb
Molybdenum	97-1	0.45	0.55	0.57	0.52	12.42	ppb
Molybdenum	98-1	0.56	0.53	0.55	0.54	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.04	1.07	1.06	1.65	ppb
Phosphorus	31-2	6.32	18.08	31.80	18.73	68.08	ppb
Potassium	39-2	18.07	19.11	19.08	18.75	3.14	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	0.51	0.00	2.04	0.85	124.91	ppb
Selenium	78-2	0.12	-0.82	-0.92	-0.54		ppb
Selenium	82-1	0.36	-0.08	0.19	0.16	141.88	ppb
Silicon	28-1	59.32	48.05	47.48	51.62	12.94	ppb
Silver	109-1	0.04	0.03	0.04	0.04	12.66	ppb
Silver	107-1	0.03	0.03	0.04	0.04	11.22	ppb
Sodium	23-2	25.05	26.15	26.48	25.89	2.88	ppb
Strontium	86-1	0.73	0.79	0.76	0.76	3.93	ppb
Strontium	88-1	0.76	0.74	0.75	0.75	0.88	ppb
Sulfur	34-1	-778.88	-817.10	-826.58	-807.52		ppb
Terbium	159-1				88		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.00	0.01	0.01	89.07	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	45.13	ppb
Tin	118-1	0.25	0.23	0.24	0.24	4.65	ppb
Titanium	47-1	13.98	13.38	13.51	13.62	2.31	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.32	ppb
Vanadium	51-2	2.56	2.49	2.52	2.53	1.39	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	16.70	17.10	17.45	17.08	2.19	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	5.11	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:22:34	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.08	0.07	9.10	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-08 17:26:06	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.96	63.21	58.21	59.46	5.56	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	8.59	ppb
Arsenic	75-2	0.04	0.01	0.02	0.02	44.82	ppb
Barium	135-1	0.37	0.38	0.33	0.36	7.87	ppb
Barium	137-1	0.33	0.40	0.36	0.36	9.91	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	97.31	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	0.91	1.53	1.22	1.22	25.13	ppb
Boron	11-1	1.06	1.23	1.05	1.11	9.11	ppb
Cadmium	111-1	-0.09	-0.13	-0.09	-0.11		ppb
Cadmium	106-1	-1.44	-1.95	-1.09	-1.49		ppb
Cadmium	108-1	0.08	-0.03	0.06	0.04	148.49	ppb
Calcium	43-1	42.30	37.63	38.81	39.58	6.14	ppb
Calcium	44-1	0.89	-7.34	-3.29	-3.25		ppb
Chromium	52-2	0.32	0.36	0.34	0.34	5.50	ppb
Cobalt	59-2	0.12	0.12	0.10	0.11	8.43	ppb
Copper	63-2	0.79	0.72	0.72	0.74	5.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	290.10	288.00	286.69	288.27	0.60	ppb
Iron	57-2	289.36	295.37	294.10	292.94	1.08	ppb
Lead	206-1	1.13	1.12	1.09	1.12	1.79	ppb
Lead	207-1	1.09	1.09	1.05	1.07	2.32	ppb
Lead	208-1	1.09	1.09	1.07	1.08	1.36	ppb
Lithium	6-1				88		%
Magnesium	24-2	44.52	44.99	41.45	43.65	4.40	ppb
Manganese	55-2	1.90	1.71	1.77	1.79	5.29	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-08 17:26:06	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.14	0.14	0.13	7.93	ppb
Molybdenum	95-1	0.13	0.11	0.12	0.12	8.17	ppb
Molybdenum	96-1	0.15	0.13	0.16	0.15	11.39	ppb
Molybdenum	97-1	0.14	0.12	0.12	0.13	11.42	ppb
Molybdenum	98-1	0.14	0.13	0.12	0.13	6.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.23	0.23	0.21	12.91	ppb
Phosphorus	31-2	2.91	-1.10	4.78	2.19	136.82	ppb
Potassium	39-2	5.77	2.97	2.16	3.63	52.06	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.07	0.14	-0.38	-0.43		ppb
Selenium	82-1	-0.14	-0.33	0.24	-0.08		ppb
Silicon	28-1	7.71	6.98	6.27	6.99	10.35	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.29	ppb
Silver	107-1	0.03	0.02	0.02	0.02	23.23	ppb
Sodium	23-2	15.29	15.16	14.45	14.97	3.02	ppb
Strontium	86-1	0.13	0.13	0.17	0.14	14.51	ppb
Strontium	88-1	0.15	0.14	0.16	0.15	7.02	ppb
Sulfur	34-1	-787.09	-808.98	-817.90	-804.66		ppb
Terbium	159-1				88		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.01	0.00	0.01	72.03	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	38.78	ppb
Tin	118-1	0.05	0.06	0.04	0.05	14.88	ppb
Titanium	47-1	2.61	2.71	2.36	2.56	7.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	55.27	ppb
Vanadium	51-2	0.55	0.47	0.57	0.53	9.79	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	4.57	3.53	3.77	3.95	13.76	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	17.03	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-08 17:26:06	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.02	0.02	75.69	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:29:39	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	329.79	326.65	331.64	329.36	0.77	ppb
Antimony	121-1	1.12	1.09	1.09	1.10	1.84	ppb
Arsenic	75-2	0.74	0.55	0.76	0.68	17.21	ppb
Barium	135-1	21.42	21.54	20.91	21.29	1.58	ppb
Barium	137-1	21.75	21.70	21.33	21.59	1.06	ppb
Beryllium	9-1	0.47	0.56	0.59	0.54	12.24	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	1.33	1.20	0.87	1.13	20.96	ppb
Boron	11-1	0.86	1.11	0.94	0.97	13.02	ppb
Cadmium	111-1	0.45	0.60	0.37	0.48	23.95	ppb
Cadmium	106-1	-1.18	0.29	-1.97	-0.96		ppb
Cadmium	108-1	0.67	0.30	0.58	0.52	37.50	ppb
Calcium	43-1	192.12	208.71	202.66	201.16	4.17	ppb
Calcium	44-1	152.24	150.85	148.31	150.47	1.32	ppb
Chromium	52-2	3.75	3.64	3.69	3.69	1.55	ppb
Cobalt	59-2	5.97	5.95	5.97	5.97	0.20	ppb
Copper	63-2	6.74	6.69	6.56	6.66	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	1388.97	1385.94	1396.12	1390.35	0.38	ppb
Iron	57-2	1411.33	1420.79	1421.25	1417.79	0.39	ppb
Lead	206-1	5.17	5.17	5.28	5.21	1.20	ppb
Lead	207-1	4.77	4.80	4.85	4.81	0.84	ppb
Lead	208-1	5.02	5.00	5.09	5.04	0.98	ppb
Lithium	6-1				89		%
Magnesium	24-2	232.92	229.75	230.11	230.92	0.75	ppb
Manganese	55-2	14.21	13.79	13.98	13.99	1.48	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:29:39	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.50	0.47	0.48	0.48	2.52	ppb
Molybdenum	95-1	0.55	0.53	0.55	0.55	2.14	ppb
Molybdenum	96-1	0.55	0.52	0.51	0.53	3.80	ppb
Molybdenum	97-1	0.54	0.52	0.46	0.51	8.49	ppb
Molybdenum	98-1	0.51	0.52	0.50	0.51	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.36	6.23	6.45	6.35	1.75	ppb
Phosphorus	31-2	30.51	28.47	18.68	25.89	24.43	ppb
Potassium	39-2	18.14	18.61	19.93	18.90	4.91	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	77-2	1.03	1.55	3.10	1.89	56.57	ppb
Selenium	78-2	1.11	0.94	0.23	0.76	61.26	ppb
Selenium	82-1	0.75	0.21	0.59	0.52	54.28	ppb
Silicon	28-1	47.03	44.63	44.77	45.48	2.95	ppb
Silver	109-1	0.51	0.53	0.48	0.50	5.29	ppb
Silver	107-1	0.52	0.53	0.55	0.53	3.07	ppb
Sodium	23-2	22.55	20.65	22.97	22.06	5.61	ppb
Strontium	86-1	0.65	0.70	0.72	0.69	4.82	ppb
Strontium	88-1	0.75	0.71	0.73	0.73	2.83	ppb
Sulfur	34-1	-760.81	-742.83	-869.02	-790.89		ppb
Terbium	159-1				88		%
Terbium	159-2				90		%
Thallium	203-1	0.53	0.46	0.52	0.50	6.76	ppb
Thallium	205-1	0.50	0.49	0.50	0.50	1.07	ppb
Tin	118-1	0.23	0.22	0.25	0.23	7.79	ppb
Titanium	47-1	12.93	12.22	12.18	12.44	3.37	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.07	ppb
Vanadium	51-2	7.62	7.47	7.45	7.51	1.26	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	20.90	21.84	20.40	21.05	3.48	ppb
Zirconium	90-1	0.07	0.08	0.07	0.07	6.70	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:29:39	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.10	0.05	0.07	37.62	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:33:11	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50075.39	50397.74	50130.50	50201.21	0.34	ppb
Antimony	121-1	484.40	488.33	492.19	488.31	0.80	ppb
Arsenic	75-2	494.80	492.61	498.54	495.32	0.60	ppb
Barium	135-1	2513.59	2513.77	2527.48	2518.28	0.32	ppb
Barium	137-1	2522.95	2519.94	2518.26	2520.38	0.09	ppb
Beryllium	9-1	493.85	491.26	498.38	494.50	0.73	ppb
Bismuth	209-1				80		%
Bismuth	209-2				81		%
Boron	10-1	468.56	492.83	503.99	488.46	3.71	ppb
Boron	11-1	480.77	490.28	507.93	493.00	2.80	ppb
Cadmium	111-1	481.01	478.64	483.68	481.11	0.52	ppb
Cadmium	106-1	487.42	481.19	489.15	485.92	0.86	ppb
Cadmium	108-1	485.25	488.49	482.43	485.39	0.62	ppb
Calcium	43-1	249131.71	248278.88	250450.00	249286.86	0.44	ppb
Calcium	44-1	249401.84	247914.10	250556.95	249290.96	0.53	ppb
Chromium	52-2	511.87	510.40	510.66	510.98	0.15	ppb
Cobalt	59-2	500.40	500.27	500.72	500.46	0.05	ppb
Copper	63-2	981.94	987.59	986.04	985.19	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				89		%
Indium	115-1				84		%
Indium	115-2				87		%
Iron	56-2	126885.36	126787.06	126282.19	126651.54	0.26	ppb
Iron	57-2	126738.35	126316.83	126578.77	126544.65	0.17	ppb
Lead	206-1	500.63	506.36	505.80	504.26	0.63	ppb
Lead	207-1	498.04	504.15	501.32	501.17	0.61	ppb
Lead	208-1	504.64	511.11	509.12	508.29	0.65	ppb
Lithium	6-1				85		%
Magnesium	24-2	256203.13	258186.77	257822.36	257404.09	0.41	ppb
Manganese	55-2	1007.69	1003.90	1003.11	1004.90	0.24	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:33:11	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2520.02	2551.43	2542.68	2538.04	0.64	ppb
Molybdenum	95-1	2519.45	2541.70	2535.68	2532.28	0.45	ppb
Molybdenum	96-1	2530.98	2534.08	2526.87	2530.64	0.14	ppb
Molybdenum	97-1	2527.27	2521.60	2536.35	2528.41	0.29	ppb
Molybdenum	98-1	2539.47	2540.51	2532.76	2537.58	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.77	500.72	498.72	499.74	0.20	ppb
Phosphorus	31-2	10371.31	9939.06	10162.66	10157.68	2.13	ppb
Potassium	39-2	124829.87	124836.26	125300.38	124988.84	0.22	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	77-2	479.51	460.00	501.68	480.40	4.34	ppb
Selenium	78-2	483.77	482.95	488.59	485.10	0.63	ppb
Selenium	82-1	481.89	489.12	483.80	484.94	0.77	ppb
Silicon	28-1	522.83	529.85	542.67	531.78	1.89	ppb
Silver	109-1	474.62	474.70	476.08	475.14	0.17	ppb
Silver	107-1	485.91	485.75	488.84	486.83	0.36	ppb
Sodium	23-2	256815.65	257292.57	257665.49	257257.90	0.17	ppb
Strontium	86-1	514.85	518.37	513.06	515.43	0.52	ppb
Strontium	88-1	518.45	518.64	518.29	518.46	0.03	ppb
Sulfur	34-1	9592.89	9518.72	9776.72	9629.44	1.38	ppb
Terbium	159-1				86		%
Terbium	159-2				90		%
Thallium	203-1	508.16	511.75	514.28	511.40	0.60	ppb
Thallium	205-1	511.56	517.39	520.41	516.45	0.87	ppb
Tin	118-1	481.37	488.03	490.67	486.69	0.98	ppb
Titanium	47-1	2480.58	2502.78	2506.36	2496.57	0.56	ppb
Uranium	238-1	519.92	516.65	520.22	518.93	0.38	ppb
Vanadium	51-2	505.77	509.09	507.86	507.57	0.33	ppb
Yttrium	89-1				88		%
Yttrium	89-2				90		%
Zinc	66-2	973.35	969.74	970.02	971.03	0.21	ppb
Zirconium	90-1	507.46	509.72	509.43	508.87	0.24	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:33:11	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.67	505.05	502.93	502.88	0.44	ppb

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : CCB015 Instrumnet Name : P7
 Client Sample ID : CCB015 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 17:36:47 DataFile Name : 052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.83	0.03	0.31	0.39	104.94	ppb
Antimony	121-1	1.55	1.26	1.31	1.37	11.16	ppb
Arsenic	75-2	0.03	0.09	0.10	0.07	49.17	ppb
Barium	135-1	0.09	0.05	0.02	0.05	64.88	ppb
Barium	137-1	0.09	0.04	0.02	0.05	75.67	ppb
Beryllium	9-1	0.08	0.13	0.11	0.11	22.20	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Boron	10-1	15.98	13.69	13.15	14.27	10.52	ppb
Boron	11-1	14.39	13.09	11.86	13.11	9.66	ppb
Cadmium	111-1	-0.02	0.03	-0.09	-0.03		ppb
Cadmium	106-1	-0.82	0.16	-1.33	-0.66		ppb
Cadmium	108-1	0.02	0.02	0.12	0.05	120.41	ppb
Calcium	43-1	4.46	1.04	-5.79	-0.10		ppb
Calcium	44-1	-34.41	-38.67	-34.43	-35.84		ppb
Chromium	52-2	0.02	0.00	-0.03	0.00		ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	0.04	0.04	0.02	0.03	42.02	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				88		%
Holmium	165-2				91		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	4.68	3.74	3.32	3.91	17.84	ppb
Iron	57-2	5.62	4.49	4.46	4.86	13.58	ppb
Lead	206-1	0.10	0.10	0.12	0.11	9.96	ppb
Lead	207-1	0.10	0.10	0.12	0.11	14.54	ppb
Lead	208-1	0.11	0.10	0.11	0.11	4.69	ppb
Lithium	6-1				91		%
Magnesium	24-2	-1.71	-2.30	-1.80	-1.94		ppb
Manganese	55-2	0.06	0.02	0.03	0.04	58.87	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:36:47	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.95	0.85	0.79	0.86	9.57	ppb
Molybdenum	95-1	1.05	0.99	0.88	0.97	8.84	ppb
Molybdenum	96-1	1.03	1.00	0.88	0.97	8.09	ppb
Molybdenum	97-1	1.13	1.00	0.90	1.01	11.44	ppb
Molybdenum	98-1	1.11	0.95	0.87	0.98	12.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	-0.02	-0.02		ppb
Phosphorus	31-2	-8.30	-7.09	-9.08	-8.16		ppb
Potassium	39-2	10.78	12.27	11.37	11.48	6.53	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.75	-0.01	-0.58	-0.45		ppb
Selenium	82-1	-0.50	0.04	0.17	-0.10		ppb
Silicon	28-1	0.49	0.13	-0.06	0.19	148.79	ppb
Silver	109-1	0.05	0.04	0.03	0.04	27.21	ppb
Silver	107-1	0.06	0.04	0.05	0.05	20.58	ppb
Sodium	23-2	23.60	23.18	19.93	22.24	9.01	ppb
Strontium	86-1	0.01	-0.01	0.02	0.01	209.29	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.66	ppb
Sulfur	34-1	-706.70	-695.66	-754.03	-718.80		ppb
Terbium	159-1				89		%
Terbium	159-2				92		%
Thallium	203-1	0.13	0.14	0.11	0.13	9.95	ppb
Thallium	205-1	0.15	0.15	0.13	0.14	9.06	ppb
Tin	118-1	0.39	0.31	0.31	0.33	14.14	ppb
Titanium	47-1	0.11	0.26	0.12	0.16	51.45	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	29.65	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	37.12	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	0.49	0.26	0.21	0.32	45.90	ppb
Zirconium	90-1	0.12	0.11	0.11	0.12	4.83	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:36:47	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.12	0.12	0.12	2.31	ppb

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:37:36	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	125	83	97	24.74	cps
Antimony	121-1	467	475	475	472	1.02	cps
Arsenic	75-2	19	19	17	18	5.97	cps
Barium	135-1	183	158	125	156	18.81	cps
Barium	137-1	325	233	242	267	19.01	cps
Beryllium	9-1	33	106	56	65	57.07	cps
Bismuth	209-1	14969926	14831956	14840996	14880960	0.52	cps
Bismuth	209-2	8411635	8435003	8441515	8429384	0.19	cps
Boron	10-1	317	292	208	272	20.84	cps
Boron	11-1	1467	1600	1542	1536	4.35	cps
Cadmium	111-1	3482	3551	3366	3466	2.69	cps
Cadmium	106-1	4943	5059	4768	4923	2.98	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	1158	1133	1175	1156	1.82	cps
Calcium	44-1	86503	86083	86587	86391	0.31	cps
Chromium	52-2	2007	1994	1833	1945	4.96	cps
Cobalt	59-2	233	210	167	203	16.64	cps
Copper	63-2	3147	3280	3314	3247	2.72	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	58	75	58	64	15.05	cps
Erbium	164-2	30	47	33	37	24.06	cps
Gadolinium	160-1	100	142	208	150	36.43	cps
Gadolinium	160-2	117	157	110	128	19.75	cps
Holmium	165-1	22600102	22398682	22516079	22504954	0.45	cps
Holmium	165-2	10928049	10956813	10977012	10953958	0.22	cps
Indium	115-1	17724874	17604832	17737358	17689021	0.41	cps
Indium	115-2	3178050	3183728	3213330	3191703	0.59	cps
Iron	56-2	4612	4806	4995	4805	3.99	cps
Iron	57-2	206	139	183	176	19.30	cps
Lead	206-1	1456	1345	1372	1391	4.16	cps
Lead	207-1	1156	1211	1072	1146	6.10	cps
Lead	208-1	5423	5567	5423	5471	1.52	cps
Lithium	6-1	1705052	1705892	1705461	1705468	0.02	cps
Magnesium	24-2	2042	2209	2067	2106	4.27	cps
Manganese	55-2	53	110	60	74	41.61	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:37:36	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	675	442	442	519	25.93	cps
Molybdenum	95-1	167	150	150	156	6.18	cps
Molybdenum	96-1	167	358	208	244	41.24	cps
Molybdenum	97-1	100	83	33	72	48.04	cps
Molybdenum	98-1	250	225	250	242	5.97	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	210	217	253	227	10.29	cps
Phosphorus	31-2	150	150	258	186	33.61	cps
Potassium	39-2	21934	21725	20665	21441	3.17	cps
Rhodium	103-1	16106427	16121524	15944885	16057612	0.61	cps
Rhodium	103-2	7505436	7557345	7505334	7522705	0.40	cps
Scandium	45-1	9920345	9984648	9930418	9945137	0.35	cps
Scandium	45-2	407466	405590	410704	407920	0.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	44	98	70	38.23	cps
Selenium	82-1	-1	50	12	21	129.13	cps
Silicon	28-1	234001	218835	224186	225674	3.41	cps
Silver	109-1	192	117	117	142	30.57	cps
Silver	107-1	158	217	142	172	22.87	cps
Sodium	23-2	18337	18420	18796	18518	1.32	cps
Strontium	86-1	808	875	725	803	9.36	cps
Strontium	88-1	667	750	725	714	5.99	cps
Sulfur	34-1	304077	302610	307496	304728	0.82	cps
Terbium	159-1	23010324	23074524	23018361	23034403	0.15	cps
Terbium	159-2	10794034	10748540	10782682	10775085	0.22	cps
Thallium	203-1	267	333	242	281	16.89	cps
Thallium	205-1	767	725	550	681	16.89	cps
Tin	118-1	975	900	1217	1031	16.06	cps
Titanium	47-1	192	217	150	186	18.10	cps
Uranium	238-1	333	217	258	269	21.94	cps
Vanadium	51-2	7	10	10	9	21.63	cps
Yttrium	89-1	17425991	17554854	17473499	17484782	0.37	cps
Yttrium	89-2	2343849	2347643	2356720	2349404	0.28	cps
Zinc	66-2	3884	3897	3974	3918	1.24	cps
Zirconium	90-1	1092	1117	1175	1128	3.79	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:37:36	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	250	350	281	21.49	cps

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 14:45:38 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1817	2050	1834	1900	6.85	cps
Antimony	121-1	23203	24222	22369	23265	3.99	cps
Arsenic	75-2	354	365	404	374	7.02	cps
Barium	135-1	27695	27487	27988	27723	0.91	cps
Barium	137-1	48360	47675	48887	48307	1.26	cps
Beryllium	9-1	1506	1661	1506	1558	5.77	cps
Bismuth	209-1	14460589	14473897	14578297	14504261	0.44	cps
Bismuth	209-2	8257616	8247532	8261806	8255651	0.09	cps
Boron	10-1	4568	4351	4743	4554	4.31	cps
Boron	11-1	22117	22609	23786	22837	3.76	cps
Cadmium	111-1	6084	6123	6025	6077	0.82	cps
Cadmium	106-1	5101	5143	4834	5026	3.33	cps
Cadmium	108-1	183	188	204	192	5.75	cps
Calcium	43-1	14833	15542	16118	15498	4.15	cps
Calcium	44-1	319065	318943	319831	319280	0.15	cps
Chromium	52-2	8162	8006	8239	8136	1.46	cps
Cobalt	59-2	5214	5258	5448	5307	2.34	cps
Copper	63-2	10691	10751	10834	10759	0.67	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	75	108	75	86	22.35	cps
Erbium	164-2	37	47	37	40	14.43	cps
Gadolinium	160-1	125	142	108	125	13.33	cps
Gadolinium	160-2	123	130	107	120	10.01	cps
Holmium	165-1	21737213	21730957	21787327	21751832	0.14	cps
Holmium	165-2	10656886	10728818	10746893	10710865	0.44	cps
Indium	115-1	17484974	17509087	17424711	17472924	0.25	cps
Indium	115-2	3206599	3184346	3208436	3199793	0.42	cps
Iron	56-2	132789	130922	132228	131980	0.73	cps
Iron	57-2	3217	3323	3556	3365	5.15	cps
Lead	206-1	10360	10326	10499	10395	0.88	cps
Lead	207-1	8903	9481	9715	9367	4.46	cps
Lead	208-1	42384	42439	42489	42437	0.12	cps
Lithium	6-1	1719524	1731922	1722365	1724604	0.38	cps
Magnesium	24-2	105167	105259	104378	104935	0.46	cps
Manganese	55-2	1867	1803	1730	1800	3.80	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:45:38	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21892	21325	21584	21600	1.32	cps
Molybdenum	95-1	26409	26467	26475	26450	0.14	cps
Molybdenum	96-1	29139	28980	29306	29142	0.56	cps
Molybdenum	97-1	16769	16485	16444	16566	1.07	cps
Molybdenum	98-1	43434	43066	43049	43183	0.50	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1707	1620	1747	1691	3.83	cps
Phosphorus	31-2	158	125	242	175	34.34	cps
Potassium	39-2	117991	118049	121738	119259	1.80	cps
Rhodium	103-1	15765300	15823205	15871174	15819893	0.34	cps
Rhodium	103-2	7425420	7440996	7500542	7455652	0.53	cps
Scandium	45-1	9917707	9900675	9984959	9934447	0.45	cps
Scandium	45-2	409557	407671	411101	409443	0.42	cps
Selenium	77-2	50	57	53	53	6.25	cps
Selenium	78-2	200	189	224	204	8.80	cps
Selenium	82-1	858	855	785	833	4.93	cps
Silicon	28-1	307397	306318	306652	306789	0.18	cps
Silver	109-1	13399	13223	13707	13443	1.82	cps
Silver	107-1	14349	13632	14458	14147	3.17	cps
Sodium	23-2	209847	205008	209297	208051	1.27	cps
Strontium	86-1	4434	4343	4434	4404	1.20	cps
Strontium	88-1	30458	31302	30149	30636	1.95	cps
Sulfur	34-1	311416	312512	310150	311359	0.38	cps
Terbium	159-1	22400304	22552611	22643697	22532204	0.55	cps
Terbium	159-2	10611256	10579057	10665318	10618544	0.41	cps
Thallium	203-1	11047	10755	11114	10972	1.74	cps
Thallium	205-1	27454	28005	27530	27663	1.08	cps
Tin	118-1	47314	46996	46971	47094	0.41	cps
Titanium	47-1	7119	7052	7102	7091	0.49	cps
Uranium	238-1	38458	38099	38382	38313	0.49	cps
Vanadium	51-2	12392	12202	12192	12262	0.92	cps
Yttrium	89-1	17313590	17414411	17469588	17399196	0.45	cps
Yttrium	89-2	2348619	2350540	2361903	2353687	0.31	cps
Zinc	66-2	5194	5401	5004	5200	3.82	cps
Zirconium	90-1	18738	18888	19472	19033	2.04	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:45:38	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4217	4593	4318	4376	4.44	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:49:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95916	96830	95916	96221	0.55	cps
Antimony	121-1	631454	633521	635692	633555	0.33	cps
Arsenic	75-2	19254	19148	19317	19239	0.44	cps
Barium	135-1	763612	761735	764600	763316	0.19	cps
Barium	137-1	1348050	1345886	1344161	1346032	0.14	cps
Beryllium	9-1	83691	84010	83853	83851	0.19	cps
Bismuth	209-1	14465718	14317205	14422389	14401771	0.53	cps
Bismuth	209-2	8140750	8126685	8141444	8136293	0.10	cps
Boron	10-1	10237	10020	10562	10273	2.66	cps
Boron	11-1	49256	49950	51213	50140	1.98	cps
Cadmium	111-1	154947	152992	154336	154092	0.65	cps
Cadmium	106-1	20858	20432	20357	20549	1.31	cps
Cadmium	108-1	10846	11384	10959	11063	2.56	cps
Calcium	43-1	168727	166426	166400	167184	0.80	cps
Calcium	44-1	2764978	2769854	2752042	2762291	0.33	cps
Chromium	52-2	173089	173639	173069	173266	0.19	cps
Cobalt	59-2	283037	285632	284326	284332	0.46	cps
Copper	63-2	424274	427467	425775	425839	0.38	cps
Dysprosium	156-1	25	75	42	47	53.91	cps
Dysprosium	156-2	17	17	3	12	63.01	cps
Erbium	164-1	83	108	67	86	24.35	cps
Erbium	164-2	37	40	37	38	5.09	cps
Gadolinium	160-1	92	167	125	128	29.41	cps
Gadolinium	160-2	140	117	167	141	17.73	cps
Holmium	165-1	21970578	21884808	21880771	21912052	0.23	cps
Holmium	165-2	10672509	10742901	10574121	10663177	0.80	cps
Indium	115-1	17428510	17313599	17267536	17336548	0.48	cps
Indium	115-2	3175535	3176632	3183487	3178551	0.14	cps
Iron	56-2	7059542	7080595	7009714	7049950	0.52	cps
Iron	57-2	173788	173636	173243	173556	0.16	cps
Lead	206-1	500995	505157	500581	502245	0.50	cps
Lead	207-1	452769	455898	452750	453805	0.40	cps
Lead	208-1	2048087	2054459	2043841	2048796	0.26	cps
Lithium	6-1	1731464	1725752	1716406	1724541	0.44	cps
Magnesium	24-2	1157001	1157241	1157140	1157127	0.01	cps
Manganese	55-2	188598	186219	185662	186826	0.83	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:49:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1206394	1211567	1221935	1213299	0.65	cps
Molybdenum	95-1	1461289	1456427	1466033	1461250	0.33	cps
Molybdenum	96-1	1626100	1621188	1624196	1623828	0.15	cps
Molybdenum	97-1	914139	911948	915718	913935	0.21	cps
Molybdenum	98-1	2376262	2387103	2378183	2380516	0.24	cps
Neodymium	150-1	33	33	47	38	20.39	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	78921	77433	78395	78250	0.96	cps
Phosphorus	31-2	4934	5468	5059	5154	5.41	cps
Potassium	39-2	567307	571976	569643	569642	0.41	cps
Rhodium	103-1	15617253	15600550	15585504	15601103	0.10	cps
Rhodium	103-2	7297714	7310058	7309592	7305788	0.10	cps
Scandium	45-1	9803664	9844591	9862668	9836974	0.31	cps
Scandium	45-2	407683	407934	401954	405857	0.83	cps
Selenium	77-2	353	340	380	358	5.69	cps
Selenium	78-2	1324	1370	1267	1320	3.93	cps
Selenium	82-1	8763	8902	9181	8949	2.38	cps
Silicon	28-1	583406	594369	592662	590145	1.00	cps
Silver	109-1	725531	719093	724264	722963	0.47	cps
Silver	107-1	762387	759490	757747	759875	0.31	cps
Sodium	23-2	2166557	2136651	2143017	2148742	0.73	cps
Strontium	86-1	192795	190462	190015	191091	0.78	cps
Strontium	88-1	1649364	1652960	1649104	1650476	0.13	cps
Sulfur	34-1	346702	342295	342148	343715	0.75	cps
Terbium	159-1	22603471	22538235	22401455	22514387	0.46	cps
Terbium	159-2	10565806	10536059	10501190	10534352	0.31	cps
Thallium	203-1	609889	613204	615083	612725	0.43	cps
Thallium	205-1	1473573	1471919	1474016	1473169	0.08	cps
Tin	118-1	507872	510073	511507	509817	0.36	cps
Titanium	47-1	387618	387814	390689	388707	0.44	cps
Uranium	238-1	2147759	2149589	2165401	2154250	0.45	cps
Vanadium	51-2	136660	134809	135616	135695	0.68	cps
Yttrium	89-1	17254486	17181892	17198841	17211740	0.22	cps
Yttrium	89-2	2348121	2350499	2344448	2347689	0.13	cps
Zinc	66-2	60194	60324	59886	60134	0.37	cps
Zirconium	90-1	1041525	1034823	1034420	1036922	0.38	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:49:29	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	229826	232729	232577	231711	0.71	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:53:34	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	238785	240564	240346	239898	0.40	cps
Antimony	121-1	1570217	1574858	1591555	1578877	0.71	cps
Arsenic	75-2	47512	47221	47633	47455	0.45	cps
Barium	135-1	1896731	1893452	1903657	1897946	0.27	cps
Barium	137-1	3327180	3348254	3326222	3333885	0.37	cps
Beryllium	9-1	203349	204615	207110	205025	0.93	cps
Bismuth	209-1	14258175	14322992	14248016	14276394	0.28	cps
Bismuth	209-2	8076799	8057769	8073227	8069265	0.13	cps
Boron	10-1	23820	25389	25648	24952	3.96	cps
Boron	11-1	119470	124039	125610	123039	2.59	cps
Cadmium	111-1	375552	377489	375699	376247	0.29	cps
Cadmium	106-1	43602	44145	42883	43543	1.45	cps
Cadmium	108-1	26663	27356	27210	27076	1.35	cps
Calcium	43-1	412959	410295	412034	411763	0.33	cps
Calcium	44-1	6669405	6725224	6710265	6701631	0.43	cps
Chromium	52-2	426909	427001	426700	426870	0.04	cps
Cobalt	59-2	700923	702246	701227	701465	0.10	cps
Copper	63-2	1040386	1043596	1035472	1039818	0.39	cps
Dysprosium	156-1	67	42	100	69	42.14	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	50	33	108	64	61.65	cps
Erbium	164-2	13	37	13	21	63.83	cps
Gadolinium	160-1	192	117	133	147	26.75	cps
Gadolinium	160-2	140	140	123	134	7.15	cps
Holmium	165-1	22080471	21865162	21767975	21904536	0.73	cps
Holmium	165-2	10621838	10637820	10695119	10651593	0.36	cps
Indium	115-1	17399576	17289242	17389490	17359436	0.35	cps
Indium	115-2	3148734	3158687	3183058	3163493	0.56	cps
Iron	56-2	17317931	17405970	17413280	17379060	0.31	cps
Iron	57-2	423941	431704	428399	428015	0.91	cps
Lead	206-1	1242143	1238097	1231949	1237396	0.41	cps
Lead	207-1	1129760	1124812	1113223	1122598	0.76	cps
Lead	208-1	5088211	5077189	5055732	5073711	0.33	cps
Lithium	6-1	1733998	1734698	1725676	1731457	0.29	cps
Magnesium	24-2	2852789	2879222	2841204	2857738	0.68	cps
Manganese	55-2	457217	458641	457978	457945	0.16	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:53:34	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3022230	3019826	3033978	3025344	0.25	cps
Molybdenum	95-1	3631069	3647651	3652562	3643761	0.31	cps
Molybdenum	96-1	4067227	4088275	4101942	4085815	0.43	cps
Molybdenum	97-1	2283667	2270129	2277669	2277155	0.30	cps
Molybdenum	98-1	5885602	5928360	5922559	5912174	0.39	cps
Neodymium	150-1	60	80	107	82	28.48	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	191964	192529	190672	191722	0.50	cps
Phosphorus	31-2	12322	12806	13056	12728	2.93	cps
Potassium	39-2	1368398	1385828	1379968	1378065	0.64	cps
Rhodium	103-1	15487640	15599590	15601214	15562815	0.42	cps
Rhodium	103-2	7293907	7314045	7340088	7316013	0.32	cps
Scandium	45-1	9881166	9878088	9925967	9895074	0.27	cps
Scandium	45-2	404915	405410	408469	406265	0.47	cps
Selenium	77-2	813	967	933	904	8.92	cps
Selenium	78-2	3134	3152	3212	3166	1.28	cps
Selenium	82-1	22145	22294	22297	22245	0.39	cps
Silicon	28-1	1132138	1154581	1163148	1149955	1.39	cps
Silver	109-1	1762729	1770844	1780438	1771337	0.50	cps
Silver	107-1	1853785	1881759	1892145	1875896	1.06	cps
Sodium	23-2	5299826	5323670	5288547	5304014	0.34	cps
Strontium	86-1	470183	470971	471954	471036	0.19	cps
Strontium	88-1	4095686	4128502	4097105	4107097	0.45	cps
Sulfur	34-1	393273	392937	396258	394156	0.46	cps
Terbium	159-1	22526932	22465487	22354668	22449029	0.39	cps
Terbium	159-2	10574893	10518921	10532403	10542072	0.28	cps
Thallium	203-1	1518635	1504112	1520344	1514364	0.59	cps
Thallium	205-1	3643163	3635978	3634978	3638040	0.12	cps
Tin	118-1	1259930	1252308	1260970	1257736	0.38	cps
Titanium	47-1	961095	962074	970536	964568	0.54	cps
Uranium	238-1	5410305	5394461	5369161	5391309	0.38	cps
Vanadium	51-2	340118	339844	338640	339534	0.23	cps
Yttrium	89-1	17249798	17204647	17308463	17254303	0.30	cps
Yttrium	89-2	2332597	2344654	2355083	2344111	0.48	cps
Zinc	66-2	143136	143257	143365	143253	0.08	cps
Zirconium	90-1	2589400	2594332	2618382	2600705	0.60	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:53:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	579843	577547	575671	577687	0.36	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:57:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	476178	480018	482844	479680	0.70	cps
Antimony	121-1	3174799	3220748	3187559	3194369	0.74	cps
Arsenic	75-2	96101	96271	96254	96209	0.10	cps
Barium	135-1	3803340	3839928	3847107	3830125	0.61	cps
Barium	137-1	6641450	6679194	6676710	6665785	0.32	cps
Beryllium	9-1	409227	408653	411080	409653	0.31	cps
Bismuth	209-1	14123589	13808941	14227498	14053343	1.55	cps
Bismuth	209-2	7999794	7972827	7004312	7658978	7.40	cps
Boron	10-1	48095	48855	51505	49485	3.62	cps
Boron	11-1	241702	250145	253654	248500	2.47	cps
Cadmium	111-1	740501	749137	746747	745461	0.60	cps
Cadmium	106-1	80311	81292	81417	81007	0.75	cps
Cadmium	108-1	53806	53894	54777	54159	0.99	cps
Calcium	43-1	832203	814772	829603	825526	1.14	cps
Calcium	44-1	13437661	13447676	13408026	13431121	0.15	cps
Chromium	52-2	855881	851977	858054	855304	0.36	cps
Cobalt	59-2	1394686	1406773	1416778	1406079	0.79	cps
Copper	63-2	2073351	2074205	2103955	2083837	0.84	cps
Dysprosium	156-1	117	75	50	81	41.81	cps
Dysprosium	156-2	37	43	27	36	23.58	cps
Erbium	164-1	75	133	117	108	27.74	cps
Erbium	164-2	40	33	27	33	20.00	cps
Gadolinium	160-1	225	225	125	192	30.12	cps
Gadolinium	160-2	183	133	93	137	32.99	cps
Holmium	165-1	21802799	21300454	22054453	21719235	1.77	cps
Holmium	165-2	10672722	10639722	9333437	10215294	7.48	cps
Indium	115-1	17130803	16833704	17262675	17075727	1.29	cps
Indium	115-2	3160493	3178279	2766297	3035023	7.67	cps
Iron	56-2	34840484	34895974	35259705	34998721	0.65	cps
Iron	57-2	854849	857173	863487	858503	0.52	cps
Lead	206-1	2459782	2449942	2460215	2456646	0.24	cps
Lead	207-1	2230843	2233520	2234092	2232818	0.08	cps
Lead	208-1	10100616	10105768	10151400	10119262	0.28	cps
Lithium	6-1	1714403	1689103	1725635	1709714	1.09	cps
Magnesium	24-2	5712001	5718197	5771191	5733796	0.57	cps
Manganese	55-2	921587	930910	931032	927843	0.58	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:57:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6082835	6035940	6080505	6066427	0.44	cps
Molybdenum	95-1	7271564	7293377	7303835	7289592	0.23	cps
Molybdenum	96-1	8180623	8171300	8108657	8153527	0.48	cps
Molybdenum	97-1	4617296	4581425	4592009	4596910	0.40	cps
Molybdenum	98-1	11815273	11932127	11950974	11899458	0.62	cps
Neodymium	150-1	153	180	200	178	13.17	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	382204	383260	385760	383741	0.48	cps
Phosphorus	31-2	24738	25372	25364	25158	1.45	cps
Potassium	39-2	2787754	2784715	2803992	2792154	0.37	cps
Rhodium	103-1	15371186	15052216	15550024	15324476	1.65	cps
Rhodium	103-2	7241561	7320288	6344047	6968632	7.78	cps
Scandium	45-1	9981412	9737138	9939714	9886088	1.32	cps
Scandium	45-2	414477	411166	361320	395655	7.53	cps
Selenium	77-2	1927	1863	1813	1868	3.04	cps
Selenium	78-2	6040	6059	6290	6130	2.27	cps
Selenium	82-1	44328	44662	44223	44404	0.52	cps
Silicon	28-1	2095258	2120745	2136934	2117646	0.99	cps
Silver	109-1	3524791	3570738	3578381	3557970	0.81	cps
Silver	107-1	3719302	3760952	3740592	3740282	0.56	cps
Sodium	23-2	10622364	10630530	10664880	10639258	0.21	cps
Strontium	86-1	933398	946008	948565	942657	0.86	cps
Strontium	88-1	8141573	8224806	8179955	8182111	0.51	cps
Sulfur	34-1	503693	500045	501779	501839	0.36	cps
Terbium	159-1	22357980	21929753	22558675	22282136	1.44	cps
Terbium	159-2	10560225	10547720	9244171	10117372	7.47	cps
Thallium	203-1	3007738	2999546	3038812	3015365	0.69	cps
Thallium	205-1	7159337	7117900	7215878	7164372	0.69	cps
Tin	118-1	2518512	2520834	2535672	2525006	0.37	cps
Titanium	47-1	1942355	1952966	1939381	1944901	0.37	cps
Uranium	238-1	10629626	10661065	10665337	10652009	0.18	cps
Vanadium	51-2	679387	682031	685041	682153	0.41	cps
Yttrium	89-1	17348616	17062259	17326592	17245822	0.92	cps
Yttrium	89-2	2346104	2369446	2057757	2257769	7.69	cps
Zinc	66-2	280361	280686	280568	280538	0.06	cps
Zirconium	90-1	5240315	5319115	5277595	5279008	0.75	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 14:57:19	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1163757	1158175	1158635	1160189	0.27	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:01:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	954281	953003	961996	956427	0.51	cps
Antimony	121-1	6340749	6364059	6334248	6346352	0.25	cps
Arsenic	75-2	191851	194082	192227	192720	0.62	cps
Barium	135-1	7491427	7611008	7542201	7548212	0.80	cps
Barium	137-1	13222925	13414370	13265312	13300869	0.76	cps
Beryllium	9-1	802178	802128	798694	801000	0.25	cps
Bismuth	209-1	13812194	13836379	13767056	13805210	0.25	cps
Bismuth	209-2	7875428	7857803	7857634	7863622	0.13	cps
Boron	10-1	95131	99250	99586	97989	2.53	cps
Boron	11-1	484047	492201	499581	491943	1.58	cps
Cadmium	111-1	1455464	1462078	1457551	1458364	0.23	cps
Cadmium	106-1	157600	155890	156404	156631	0.56	cps
Cadmium	108-1	105963	108495	107046	107168	1.19	cps
Calcium	43-1	1634552	1641475	1629200	1635076	0.38	cps
Calcium	44-1	26568875	26528959	26507182	26535005	0.12	cps
Chromium	52-2	1699107	1706863	1703590	1703187	0.23	cps
Cobalt	59-2	2789785	2774826	2809310	2791307	0.62	cps
Copper	63-2	4090820	4105296	4107342	4101153	0.22	cps
Dysprosium	156-1	133	125	92	117	18.90	cps
Dysprosium	156-2	40	60	63	54	23.18	cps
Erbium	164-1	75	67	50	64	19.92	cps
Erbium	164-2	37	47	50	44	15.61	cps
Gadolinium	160-1	158	133	133	142	10.19	cps
Gadolinium	160-2	133	203	147	161	23.07	cps
Holmium	165-1	21814170	21777031	21715863	21769021	0.23	cps
Holmium	165-2	10628615	10648022	10620155	10632264	0.13	cps
Indium	115-1	17096001	17069156	17097812	17087657	0.09	cps
Indium	115-2	3123453	3138074	3135800	3132442	0.25	cps
Iron	56-2	69705482	69364614	69822839	69630978	0.34	cps
Iron	57-2	1694829	1706620	1714843	1705431	0.59	cps
Lead	206-1	4832562	4801936	4818627	4817708	0.32	cps
Lead	207-1	4389011	4368924	4371671	4376535	0.25	cps
Lead	208-1	19712644	19672925	19691187	19692252	0.10	cps
Lithium	6-1	1698629	1697166	1684408	1693401	0.46	cps
Magnesium	24-2	11362310	11373157	11361596	11365688	0.06	cps
Manganese	55-2	1840857	1844475	1853891	1846408	0.36	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:01:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12063810	12139728	12085554	12096364	0.32	cps
Molybdenum	95-1	14562398	14577264	14576348	14572003	0.06	cps
Molybdenum	96-1	16180370	16224935	16250018	16218441	0.22	cps
Molybdenum	97-1	9122794	9143024	9167409	9144409	0.24	cps
Molybdenum	98-1	23679036	23850583	23827831	23785817	0.39	cps
Neodymium	150-1	433	307	287	342	23.24	cps
Neodymium	150-2	27	40	30	32	21.53	cps
Nickel	60-2	751560	754462	749887	751970	0.31	cps
Phosphorus	31-2	50462	50511	50762	50578	0.32	cps
Potassium	39-2	5553545	5537871	5556492	5549302	0.18	cps
Rhodium	103-1	15137603	15260276	15146917	15181599	0.45	cps
Rhodium	103-2	7170594	7227985	7152511	7183697	0.55	cps
Scandium	45-1	9867366	9891011	9851320	9869899	0.20	cps
Scandium	45-2	412568	413336	411462	412455	0.23	cps
Selenium	77-2	3714	3664	3704	3694	0.72	cps
Selenium	78-2	12331	12441	12324	12365	0.53	cps
Selenium	82-1	87484	87008	87504	87332	0.32	cps
Silicon	28-1	4054734	4104837	4112411	4090660	0.77	cps
Silver	109-1	7002101	7040056	7046131	7029430	0.34	cps
Silver	107-1	7307324	7364888	7369867	7347359	0.47	cps
Sodium	23-2	21255523	21135035	21225350	21205303	0.30	cps
Strontium	86-1	1865486	1875301	1883008	1874598	0.47	cps
Strontium	88-1	16302148	16275550	16384036	16320578	0.35	cps
Sulfur	34-1	733704	733885	734386	733992	0.05	cps
Terbium	159-1	22156321	22398177	22253963	22269487	0.55	cps
Terbium	159-2	10569086	10542384	10511012	10540827	0.28	cps
Thallium	203-1	5938642	5956922	5980411	5958658	0.35	cps
Thallium	205-1	14077932	13917945	14000409	13998762	0.57	cps
Tin	118-1	5050991	5035731	5028496	5038406	0.23	cps
Titanium	47-1	3876849	3873497	3871389	3873912	0.07	cps
Uranium	238-1	21121229	20994643	20993087	21036320	0.35	cps
Vanadium	51-2	1373555	1379526	1372760	1375280	0.27	cps
Yttrium	89-1	17278798	17374706	17322773	17325426	0.28	cps
Yttrium	89-2	2366902	2373027	2373500	2371143	0.16	cps
Zinc	66-2	549443	551339	551591	550791	0.21	cps
Zirconium	90-1	10419709	10450394	10478715	10449606	0.28	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:01:02	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2304866	2316390	2319243	2313500	0.33	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:04:44	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1913699	1918460	1939147	1923769	0.70	cps
Antimony	121-1	12695129	12724586	12781731	12733815	0.35	cps
Arsenic	75-2	388929	390350	393904	391061	0.66	cps
Barium	135-1	15104517	15177225	15170466	15150736	0.27	cps
Barium	137-1	26361211	26703764	26441940	26502305	0.68	cps
Beryllium	9-1	1580702	1579780	1582398	1580960	0.08	cps
Bismuth	209-1	13563025	13706279	13742451	13670585	0.69	cps
Bismuth	209-2	7776474	7802863	7841189	7806842	0.42	cps
Boron	10-1	193698	198200	199109	197002	1.47	cps
Boron	11-1	961724	978479	1011203	983802	2.56	cps
Cadmium	111-1	2890972	2864586	2883589	2879716	0.47	cps
Cadmium	106-1	304983	306345	308366	306564	0.56	cps
Cadmium	108-1	211431	211307	210918	211219	0.13	cps
Calcium	43-1	3318331	3290444	3310268	3306347	0.43	cps
Calcium	44-1	53231118	53116557	53572678	53306785	0.45	cps
Chromium	52-2	3326522	3352067	3406269	3361619	1.21	cps
Cobalt	59-2	5592928	5602460	5585828	5593738	0.15	cps
Copper	63-2	8083266	8110713	8114146	8102708	0.21	cps
Dysprosium	156-1	242	300	267	269	10.86	cps
Dysprosium	156-2	83	120	180	128	38.19	cps
Erbium	164-1	58	42	100	67	45.06	cps
Erbium	164-2	67	50	37	51	29.41	cps
Gadolinium	160-1	225	150	258	211	26.28	cps
Gadolinium	160-2	157	183	170	170	7.84	cps
Holmium	165-1	21757702	21854244	21963259	21858402	0.47	cps
Holmium	165-2	10714473	10743620	10749229	10735774	0.17	cps
Indium	115-1	17037467	17028860	17046019	17037449	0.05	cps
Indium	115-2	3120419	3147133	3161720	3143091	0.67	cps
Iron	56-2	139873445	139501431	140778964	140051280	0.47	cps
Iron	57-2	3444767	3442333	3468377	3451826	0.42	cps
Lead	206-1	9577562	9664901	9640504	9627656	0.47	cps
Lead	207-1	8719439	8795199	8787164	8767267	0.47	cps
Lead	208-1	39014889	39220199	39320870	39185320	0.40	cps
Lithium	6-1	1668555	1664788	1677683	1670342	0.40	cps
Magnesium	24-2	22801003	22827147	23009262	22879137	0.50	cps
Manganese	55-2	3692893	3715196	3760148	3722746	0.92	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:04:44	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	24413994	24498695	24488480	24467056	0.19	cps
Molybdenum	95-1	29380443	29395553	29308883	29361626	0.16	cps
Molybdenum	96-1	32904810	32773387	32777180	32818459	0.23	cps
Molybdenum	97-1	18500688	18472510	18537022	18503407	0.17	cps
Molybdenum	98-1	47935031	47929319	47757156	47873835	0.21	cps
Neodymium	150-1	620	613	653	629	3.41	cps
Neodymium	150-2	57	57	67	60	9.62	cps
Nickel	60-2	1473609	1479073	1485128	1479270	0.39	cps
Phosphorus	31-2	99103	99799	102408	100437	1.73	cps
Potassium	39-2	11173038	11184390	11299999	11219143	0.63	cps
Rhodium	103-1	15046451	15184131	15164320	15131634	0.49	cps
Rhodium	103-2	7163671	7162110	7180236	7168672	0.14	cps
Scandium	45-1	9936570	10004406	10093892	10011623	0.79	cps
Scandium	45-2	419617	421535	425656	422269	0.73	cps
Selenium	77-2	7579	7332	7712	7541	2.56	cps
Selenium	78-2	24775	24649	25133	24852	1.01	cps
Selenium	82-1	173843	172741	174539	173708	0.52	cps
Silicon	28-1	6966976	6977542	7007649	6984056	0.30	cps
Silver	109-1	13925646	13962438	13943614	13943899	0.13	cps
Silver	107-1	14460073	14507421	14600389	14522628	0.49	cps
Sodium	23-2	42491969	42589154	43079454	42720192	0.74	cps
Strontium	86-1	3783700	3801609	3800879	3795396	0.27	cps
Strontium	88-1	32948452	33086640	33193605	33076232	0.37	cps
Sulfur	34-1	1198187	1206302	1206684	1203725	0.40	cps
Terbium	159-1	22407758	22573252	22595338	22525449	0.46	cps
Terbium	159-2	10638858	10759572	10649941	10682790	0.62	cps
Thallium	203-1	11626330	11756658	11798533	11727174	0.77	cps
Thallium	205-1	27697808	27955232	27951678	27868239	0.53	cps
Tin	118-1	10116467	10178223	10175820	10156837	0.34	cps
Titanium	47-1	7828381	7819319	7864280	7837327	0.30	cps
Uranium	238-1	41812662	41938903	42007635	41919734	0.24	cps
Vanadium	51-2	2774462	2793605	2827804	2798623	0.97	cps
Yttrium	89-1	17580217	17536379	17662540	17593045	0.36	cps
Yttrium	89-2	2396400	2412334	2428884	2412540	0.67	cps
Zinc	66-2	1081051	1089518	1088778	1086449	0.43	cps
Zirconium	90-1	21167062	20914027	21119108	21066732	0.64	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:04:44	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4703233	4677856	4706209	4695766	0.33	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:08:27	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9798526	9858794	9994627	9883983	1.02	cps
Antimony	121-1	32372	31453	30843	31556	2.44	cps
Arsenic	75-2	154	191	172	172	10.75	cps
Barium	135-1	4576	4209	4318	4368	4.31	cps
Barium	137-1	8336	7452	7119	7636	8.24	cps
Beryllium	9-1	578	511	567	552	6.47	cps
Bismuth	209-1	12126168	12152606	12182466	12153747	0.23	cps
Bismuth	209-2	7128107	7117975	7114973	7120352	0.10	cps
Boron	10-1	8386	7319	6735	7480	11.19	cps
Boron	11-1	41132	36546	32803	36827	11.33	cps
Cadmium	111-1	3689	3542	3519	3584	2.57	cps
Cadmium	106-1	4468	4526	4559	4518	1.03	cps
Cadmium	108-1	54	67	38	53	27.73	cps
Calcium	43-1	16372612	16231510	16387199	16330440	0.53	cps
Calcium	44-1	264776214	263773689	266568781	265039561	0.53	cps
Chromium	52-2	42505	42190	43310	42668	1.35	cps
Cobalt	59-2	6555	6662	6492	6569	1.31	cps
Copper	63-2	15028	14854	15031	14971	0.68	cps
Dysprosium	156-1	83	158	92	111	37.00	cps
Dysprosium	156-2	53	33	63	50	30.55	cps
Erbium	164-1	117	50	92	86	39.11	cps
Erbium	164-2	40	43	50	44	11.46	cps
Gadolinium	160-1	158	150	242	183	27.65	cps
Gadolinium	160-2	143	197	130	157	22.52	cps
Holmium	165-1	21001098	20698480	20764875	20821484	0.76	cps
Holmium	165-2	10451227	10443974	10515735	10470312	0.38	cps
Indium	115-1	15957328	16006065	16032942	15998778	0.24	cps
Indium	115-2	3037863	3038886	3040318	3039023	0.04	cps
Iron	56-2	682913282	686438971	689223660	686191971	0.46	cps
Iron	57-2	16582745	16712083	16868846	16721225	0.86	cps
Lead	206-1	13035	13029	13201	13088	0.75	cps
Lead	207-1	11211	11183	10688	11027	2.67	cps
Lead	208-1	52019	52119	51552	51897	0.58	cps
Lithium	6-1	1580935	1592137	1596914	1589995	0.52	cps
Magnesium	24-2	112877948	113976148	114817315	113890471	0.85	cps
Manganese	55-2	10751	10918	10797	10822	0.80	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:08:27	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14466	13507	13332	13768	4.44	cps
Molybdenum	95-1	22468	19522	19639	20543	8.12	cps
Molybdenum	96-1	28855	26868	26834	27519	4.21	cps
Molybdenum	97-1	13524	12973	12623	13040	3.48	cps
Molybdenum	98-1	33332	32421	32488	32747	1.55	cps
Neodymium	150-1	133	127	153	138	10.07	cps
Neodymium	150-2	43	47	37	42	12.06	cps
Nickel	60-2	14998	14871	14988	14952	0.47	cps
Phosphorus	31-2	267	233	292	264	11.09	cps
Potassium	39-2	56783183	57083016	57363272	57076490	0.51	cps
Rhodium	103-1	13794604	13707526	13817098	13773076	0.42	cps
Rhodium	103-2	6627024	6672591	6651157	6650257	0.34	cps
Scandium	45-1	9729482	9773425	9804129	9769012	0.38	cps
Scandium	45-2	421700	420658	425075	422478	0.55	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	72	87	87	82	10.42	cps
Selenium	82-1	21	178	22	74	122.16	cps
Silicon	28-1	1467760	1478101	1500680	1482180	1.14	cps
Silver	109-1	2234	1750	1709	1897	15.38	cps
Silver	107-1	2267	1992	1900	2053	9.30	cps
Sodium	23-2	211744984	213121630	212620467	212495694	0.33	cps
Strontium	86-1	127538	127951	128487	127992	0.37	cps
Strontium	88-1	1102309	1103118	1100659	1102029	0.11	cps
Sulfur	34-1	273406	272411	276604	274141	0.80	cps
Terbium	159-1	21480036	21367155	21384289	21410493	0.28	cps
Terbium	159-2	10360615	10418468	10446280	10408454	0.42	cps
Thallium	203-1	5768	5243	4759	5257	9.60	cps
Thallium	205-1	13299	12006	11781	12362	6.63	cps
Tin	118-1	13248	12281	11947	12492	5.41	cps
Titanium	47-1	2117	2225	2150	2164	2.56	cps
Uranium	238-1	4068	3317	3217	3534	13.15	cps
Vanadium	51-2	553	563	637	584	7.79	cps
Yttrium	89-1	16747677	16833053	16748848	16776526	0.29	cps
Yttrium	89-2	2385387	2389718	2386600	2387235	0.09	cps
Zinc	66-2	6728	6745	6898	6791	1.38	cps
Zirconium	90-1	4726	4751	4526	4668	2.64	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:08:27	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1008	1167	1083	1086	7.29	cps

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 15:14:09 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50336	50929	51105	50790	0.79	cps
Antimony	121-1	2498117	2517448	2516663	2510743	0.44	cps
Arsenic	75-2	79352	79166	80795	79771	1.12	cps
Barium	135-1	304959	306831	303363	305051	0.57	cps
Barium	137-1	530591	533820	530882	531764	0.34	cps
Beryllium	9-1	165941	164537	163026	164501	0.89	cps
Bismuth	209-1	14358379	14383741	14373435	14371852	0.09	cps
Bismuth	209-2	8317882	8300052	8366571	8328168	0.41	cps
Boron	10-1	115631	116236	118251	116706	1.18	cps
Boron	11-1	581058	585173	585730	583987	0.44	cps
Cadmium	111-1	312619	311821	311149	311863	0.24	cps
Cadmium	106-1	55995	56605	56489	56363	0.57	cps
Cadmium	108-1	29364	30258	29473	29698	1.64	cps
Calcium	43-1	76750	76364	74731	75948	1.41	cps
Calcium	44-1	1258540	1263238	1258893	1260224	0.21	cps
Chromium	52-2	337341	338143	337659	337714	0.12	cps
Cobalt	59-2	581467	586069	583734	583757	0.39	cps
Copper	63-2	431957	433312	432798	432689	0.16	cps
Dysprosium	156-1	50	67	8	42	72.12	cps
Dysprosium	156-2	13	17	23	18	28.64	cps
Erbium	164-1	117	117	100	111	8.66	cps
Erbium	164-2	57	83	70	70	19.05	cps
Gadolinium	160-1	242	167	100	169	41.83	cps
Gadolinium	160-2	150	100	120	123	20.40	cps
Holmium	165-1	22160225	21999350	22133906	22097827	0.39	cps
Holmium	165-2	10997184	11036027	10988075	11007095	0.23	cps
Indium	115-1	17993915	18057473	18043528	18031639	0.19	cps
Indium	115-2	3340399	3370028	3350145	3353524	0.45	cps
Iron	56-2	2872395	2887814	2889355	2883188	0.33	cps
Iron	57-2	71625	71223	72339	71729	0.79	cps
Lead	206-1	1963118	1932409	1967331	1954286	0.98	cps
Lead	207-1	1717815	1686675	1705265	1703252	0.92	cps
Lead	208-1	7891809	7793029	7888663	7857834	0.71	cps
Lithium	6-1	1793711	1786967	1785312	1788663	0.25	cps
Magnesium	24-2	284437	285056	283553	284349	0.27	cps
Manganese	55-2	190122	191289	190482	190631	0.31	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:14:09	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5623767	5657054	5646835	5642552	0.30	cps
Molybdenum	95-1	2998487	3023979	3003905	3008790	0.45	cps
Molybdenum	96-1	3864953	3897548	3877844	3880115	0.42	cps
Molybdenum	97-1	1877068	1868316	1885788	1877058	0.47	cps
Molybdenum	98-1	4900287	4898467	4909111	4902622	0.12	cps
Neodymium	150-1	33	33	20	29	26.65	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	157118	158967	157404	157830	0.63	cps
Phosphorus	31-2	217	200	183	200	8.33	cps
Potassium	39-2	483768	489825	489429	487674	0.69	cps
Rhodium	103-1	16330237	16297192	16290950	16306127	0.13	cps
Rhodium	103-2	7740829	7767712	7809525	7772689	0.45	cps
Scandium	45-1	10559955	10547358	10444558	10517291	0.60	cps
Scandium	45-2	442928	443957	442574	443153	0.16	cps
Selenium	77-2	1507	1487	1577	1523	3.10	cps
Selenium	78-2	5238	5431	5340	5336	1.81	cps
Selenium	82-1	35903	36095	36504	36168	0.85	cps
Silicon	28-1	3721073	3693349	3715721	3710048	0.40	cps
Silver	109-1	1431255	1439137	1431779	1434057	0.31	cps
Silver	107-1	1516718	1519653	1516601	1517657	0.11	cps
Sodium	23-2	894163	891558	900474	895398	0.51	cps
Strontium	86-1	1944965	1946052	1947022	1946013	0.05	cps
Strontium	88-1	16921803	16926470	16869771	16906015	0.19	cps
Sulfur	34-1	294243	292748	288067	291686	1.10	cps
Terbium	159-1	22750960	22945900	22761235	22819365	0.48	cps
Terbium	159-2	10966587	10939145	10928187	10944640	0.18	cps
Thallium	203-1	2437043	2428398	2427811	2431084	0.21	cps
Thallium	205-1	5893079	5830655	5948729	5890821	1.00	cps
Tin	118-1	5237619	5257348	5264574	5253180	0.27	cps
Titanium	47-1	828849	821561	821133	823848	0.53	cps
Uranium	238-1	22406227	22328252	22407712	22380730	0.20	cps
Vanadium	51-2	278761	281885	279079	279908	0.61	cps
Yttrium	89-1	18177751	18247412	18110405	18178523	0.38	cps
Yttrium	89-2	2499459	2526525	2531215	2519066	0.68	cps
Zinc	66-2	120052	120196	120465	120237	0.17	cps
Zirconium	90-1	10705860	10703755	10692319	10700644	0.07	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:14:09	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2370542	2365567	2389093	2375067	0.52	cps

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 15:18:50 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	225	275	253	10.07	cps
Antimony	121-1	7644	7427	7094	7388	3.75	cps
Arsenic	75-2	22	33	26	27	20.83	cps
Barium	135-1	125	50	117	97	42.28	cps
Barium	137-1	333	275	292	300	10.02	cps
Beryllium	9-1	172	239	194	202	16.82	cps
Bismuth	209-1	14426556	14291703	14198356	14305538	0.80	cps
Bismuth	209-2	8311242	8302824	8319820	8311295	0.10	cps
Boron	10-1	2700	2450	2334	2495	7.51	cps
Boron	11-1	12873	13040	11913	12609	4.82	cps
Cadmium	111-1	3534	3305	3321	3387	3.77	cps
Cadmium	106-1	4984	4643	4626	4751	4.26	cps
Cadmium	108-1	25	4	13	14	75.48	cps
Calcium	43-1	1000	1283	1175	1153	12.40	cps
Calcium	44-1	96221	96860	95348	96143	0.79	cps
Chromium	52-2	1780	1927	1950	1886	4.89	cps
Cobalt	59-2	237	237	213	229	5.89	cps
Copper	63-2	3591	3510	3604	3568	1.42	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	108	58	67	78	34.44	cps
Erbium	164-2	47	40	27	38	26.95	cps
Gadolinium	160-1	100	125	150	125	20.00	cps
Gadolinium	160-2	137	153	143	144	5.81	cps
Holmium	165-1	22055256	21886390	21997663	21979769	0.39	cps
Holmium	165-2	10873760	10839883	10865777	10859807	0.16	cps
Indium	115-1	17978932	18018459	17946256	17981216	0.20	cps
Indium	115-2	3341859	3333240	3354822	3343307	0.32	cps
Iron	56-2	10054	9959	9937	9983	0.62	cps
Iron	57-2	278	328	322	309	8.86	cps
Lead	206-1	1834	1817	1928	1859	3.22	cps
Lead	207-1	1817	1817	1672	1769	4.72	cps
Lead	208-1	8212	8035	7773	8007	2.76	cps
Lithium	6-1	1805592	1790410	1777668	1791223	0.78	cps
Magnesium	24-2	1617	1533	1734	1628	6.17	cps
Manganese	55-2	133	133	53	107	43.31	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:18:50	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1925	2075	2000	2000	3.75	cps
Molybdenum	95-1	2109	2192	2067	2122	3.00	cps
Molybdenum	96-1	2509	2367	2325	2400	4.00	cps
Molybdenum	97-1	1300	1308	1317	1308	0.64	cps
Molybdenum	98-1	3217	3226	3351	3264	2.29	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	263	237	246	6.27	cps
Phosphorus	31-2	208	125	167	167	25.00	cps
Potassium	39-2	27334	27092	27610	27345	0.95	cps
Rhodium	103-1	16335711	16259812	16193755	16263092	0.44	cps
Rhodium	103-2	7749029	7748417	7785671	7761039	0.27	cps
Scandium	45-1	10443022	10423129	10437111	10434421	0.10	cps
Scandium	45-2	436565	435335	438838	436913	0.41	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	72	72	69	71	3.01	cps
Selenium	82-1	-79	4	25	-17	-331.93	cps
Silicon	28-1	244517	243365	244481	244121	0.27	cps
Silver	109-1	258	317	317	297	11.33	cps
Silver	107-1	325	408	325	353	13.64	cps
Sodium	23-2	26683	26892	27175	26917	0.92	cps
Strontium	86-1	908	817	1083	936	14.47	cps
Strontium	88-1	1275	1100	950	1108	14.68	cps
Sulfur	34-1	294148	300975	297870	297664	1.15	cps
Terbium	159-1	22637476	22657005	22602275	22632252	0.12	cps
Terbium	159-2	10802925	10809332	10781153	10797803	0.14	cps
Thallium	203-1	1333	1525	1417	1425	6.74	cps
Thallium	205-1	3367	3151	3075	3198	4.74	cps
Tin	118-1	3601	3401	3467	3489	2.92	cps
Titanium	47-1	258	325	350	311	15.23	cps
Uranium	238-1	1225	1217	1258	1233	1.79	cps
Vanadium	51-2	27	17	30	24	28.38	cps
Yttrium	89-1	18117941	18031254	17977892	18042362	0.39	cps
Yttrium	89-2	2486692	2489696	2503499	2493296	0.36	cps
Zinc	66-2	4144	4207	4347	4233	2.46	cps
Zirconium	90-1	2450	2300	2142	2298	6.71	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:18:50	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	592	425	553	20.52	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:22:23	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9265731	9280530	9318440	9288234	0.29	cps
Antimony	121-1	18563	19147	21050	19587	6.64	cps
Arsenic	75-2	143	133	176	151	14.87	cps
Barium	135-1	4543	4534	5110	4729	6.97	cps
Barium	137-1	8278	8528	8353	8386	1.53	cps
Beryllium	9-1	761	567	550	626	18.75	cps
Bismuth	209-1	13359005	13483719	13405283	13416002	0.47	cps
Bismuth	209-2	7797352	7771349	7714673	7761124	0.54	cps
Boron	10-1	2475	2609	2167	2417	9.37	cps
Boron	11-1	11171	11496	11747	11471	2.52	cps
Cadmium	111-1	4114	4693	4144	4317	7.55	cps
Cadmium	106-1	4301	4918	4226	4481	8.47	cps
Cadmium	108-1	2275	2167	2271	2238	2.74	cps
Calcium	43-1	3333788	3329906	3324854	3329516	0.13	cps
Calcium	44-1	54300160	53847660	54055897	54067905	0.42	cps
Chromium	52-2	68140	67708	69419	68422	1.30	cps
Cobalt	59-2	6712	6955	6998	6888	2.24	cps
Copper	63-2	37909	37578	38317	37935	0.98	cps
Dysprosium	156-1	58	42	42	47	20.38	cps
Dysprosium	156-2	37	27	33	32	15.80	cps
Erbium	164-1	92	83	125	100	22.05	cps
Erbium	164-2	57	27	53	46	36.09	cps
Gadolinium	160-1	142	167	217	175	21.82	cps
Gadolinium	160-2	117	163	123	134	18.77	cps
Holmium	165-1	21902542	22136820	21907031	21982131	0.61	cps
Holmium	165-2	10866660	10886103	10825915	10859559	0.28	cps
Indium	115-1	17385760	17440891	17391532	17406061	0.17	cps
Indium	115-2	3228197	3217097	3243902	3229732	0.42	cps
Iron	56-2	283006890	282960356	284364573	283443940	0.28	cps
Iron	57-2	6903422	6889191	6929519	6907377	0.30	cps
Lead	206-1	46364	45628	46002	45998	0.80	cps
Lead	207-1	36640	36016	36083	36246	0.95	cps
Lead	208-1	175183	171222	171814	172740	1.24	cps
Lithium	6-1	1698350	1692450	1683244	1691348	0.45	cps
Magnesium	24-2	22912595	22991597	22980752	22961648	0.19	cps
Manganese	55-2	15141	15495	15318	15318	1.15	cps

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 15:22:23 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6592009	6633213	6605188	6610137	0.32	cps
Molybdenum	95-1	11563749	11653966	11587269	11601662	0.40	cps
Molybdenum	96-1	12443481	12366313	12426583	12412126	0.33	cps
Molybdenum	97-1	7255544	7292977	7293701	7280741	0.30	cps
Molybdenum	98-1	18898874	18911010	19003737	18937874	0.30	cps
Neodymium	150-1	60	60	60	60	0.00	cps
Neodymium	150-2	7	27	30	21	59.77	cps
Nickel	60-2	8109	8139	8569	8272	3.11	cps
Phosphorus	31-2	506336	513897	514331	511521	0.88	cps
Potassium	39-2	22958662	22918635	23052866	22976721	0.30	cps
Rhodium	103-1	15356285	15358207	15352898	15355797	0.02	cps
Rhodium	103-2	7304089	7278379	7302082	7294850	0.20	cps
Scandium	45-1	10462269	10395303	10330473	10396015	0.63	cps
Scandium	45-2	431387	430686	434598	432224	0.48	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	81	67	83	77	11.83	cps
Selenium	82-1	-37	14	17	-2	-1335.17	cps
Silicon	28-1	395434	394857	395014	395102	0.08	cps
Silver	109-1	1183	1500	1625	1436	15.85	cps
Silver	107-1	1608	1650	2009	1756	12.53	cps
Sodium	23-2	43623481	43465555	43362505	43483847	0.30	cps
Strontium	86-1	130857	129909	130841	130535	0.42	cps
Strontium	88-1	1134487	1125229	1123675	1127797	0.52	cps
Sulfur	34-1	4310208	4341050	4362160	4337806	0.60	cps
Terbium	159-1	22513338	22625766	22470799	22536634	0.36	cps
Terbium	159-2	10803401	10820649	10802226	10808759	0.10	cps
Thallium	203-1	4584	4568	4443	4532	1.71	cps
Thallium	205-1	10680	11489	10780	10983	4.02	cps
Tin	118-1	3917	3509	3992	3806	6.84	cps
Titanium	47-1	3202641	3197942	3198055	3199546	0.08	cps
Uranium	238-1	1408	1500	1217	1375	10.52	cps
Vanadium	51-2	447	487	483	472	4.70	cps
Yttrium	89-1	18024753	17807156	17860443	17897451	0.63	cps
Yttrium	89-2	2471065	2465356	2463224	2466548	0.16	cps
Zinc	66-2	10257	10234	10474	10322	1.28	cps
Zirconium	90-1	9120	7819	6894	7944	14.08	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:22:23	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2067	1750	1483	1767	16.53	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:25:56	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9320055	9313687	9318986	9317576	0.04	cps
Antimony	121-1	273390	269883	271410	271561	0.65	cps
Arsenic	75-2	8041	8119	7648	7936	3.18	cps
Barium	135-1	66987	67054	65296	66446	1.50	cps
Barium	137-1	119259	115092	115401	116584	1.99	cps
Beryllium	9-1	32023	33209	33242	32825	2.12	cps
Bismuth	209-1	13406166	13431092	13511871	13449710	0.41	cps
Bismuth	209-2	7688820	7759381	7790065	7746089	0.67	cps
Boron	10-1	12022	11763	12547	12111	3.30	cps
Boron	11-1	60806	60079	62061	60982	1.64	cps
Cadmium	111-1	63101	63099	62424	62875	0.62	cps
Cadmium	106-1	11897	12414	12498	12270	2.65	cps
Cadmium	108-1	7039	7206	6843	7030	2.58	cps
Calcium	43-1	3366666	3359165	3339669	3355167	0.42	cps
Calcium	44-1	54453920	54262387	54638170	54451492	0.35	cps
Chromium	52-2	134843	138315	136757	136638	1.27	cps
Cobalt	59-2	121487	121185	122782	121818	0.70	cps
Copper	63-2	121099	123439	121549	122029	1.02	cps
Dysprosium	156-1	50	58	83	64	27.15	cps
Dysprosium	156-2	20	30	40	30	33.33	cps
Erbium	164-1	42	117	92	83	45.82	cps
Erbium	164-2	53	43	57	51	13.58	cps
Gadolinium	160-1	192	192	200	194	2.47	cps
Gadolinium	160-2	140	170	190	167	15.10	cps
Holmium	165-1	22081528	22006441	22175374	22087781	0.38	cps
Holmium	165-2	10883838	10881896	10991615	10919116	0.58	cps
Indium	115-1	17542968	17637841	17627428	17602746	0.30	cps
Indium	115-2	3223550	3230766	3248448	3234255	0.40	cps
Iron	56-2	284455340	285044540	286761273	285420384	0.42	cps
Iron	57-2	6918068	7006623	6987025	6970572	0.67	cps
Lead	206-1	235238	236183	234599	235340	0.34	cps
Lead	207-1	201071	197146	199164	199127	0.99	cps
Lead	208-1	923260	923113	923254	923209	0.01	cps
Lithium	6-1	1673461	1668555	1673333	1671783	0.17	cps
Magnesium	24-2	23091572	23160750	23225941	23159421	0.29	cps
Manganese	55-2	52407	54290	53731	53476	1.81	cps

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 15:25:56 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7270954	7246662	7267456	7261691	0.18	cps
Molybdenum	95-1	12045611	12019086	12045644	12036780	0.13	cps
Molybdenum	96-1	12883186	12922619	13060661	12955489	0.72	cps
Molybdenum	97-1	7549054	7579802	7597088	7575314	0.32	cps
Molybdenum	98-1	19556771	19659121	19699985	19638626	0.38	cps
Neodymium	150-1	47	40	53	47	14.29	cps
Neodymium	150-2	23	23	43	30	38.49	cps
Nickel	60-2	38811	38227	38985	38674	1.03	cps
Phosphorus	31-2	510108	514109	515910	513376	0.58	cps
Potassium	39-2	23017271	23233461	23223554	23158095	0.53	cps
Rhodium	103-1	15494202	15564862	15465705	15508256	0.33	cps
Rhodium	103-2	7289400	7355347	7364300	7336349	0.56	cps
Scandium	45-1	10396067	10398750	10452299	10415705	0.30	cps
Scandium	45-2	433857	436746	435817	435473	0.34	cps
Selenium	77-2	130	163	167	153	13.22	cps
Selenium	78-2	644	626	565	612	6.81	cps
Selenium	82-1	3582	3649	3668	3633	1.24	cps
Silicon	28-1	745400	745464	744631	745165	0.06	cps
Silver	109-1	271597	267159	273206	270654	1.16	cps
Silver	107-1	286886	286097	282721	285234	0.78	cps
Sodium	23-2	43740271	43757663	44154584	43884173	0.53	cps
Strontium	86-1	322923	323612	327210	324582	0.71	cps
Strontium	88-1	2826089	2828622	2830506	2828406	0.08	cps
Sulfur	34-1	4344679	4299479	4303740	4315966	0.58	cps
Terbium	159-1	22713172	22764717	22827914	22768601	0.25	cps
Terbium	159-2	10803607	10828481	10880948	10837679	0.36	cps
Thallium	203-1	238315	237491	235246	237017	0.67	cps
Thallium	205-1	565163	561117	565793	564024	0.45	cps
Tin	118-1	514537	510588	511975	512366	0.39	cps
Titanium	47-1	3317138	3284196	3326735	3309356	0.67	cps
Uranium	238-1	2079322	2046027	2071442	2065597	0.84	cps
Vanadium	51-2	56203	56812	56926	56647	0.69	cps
Yttrium	89-1	18048051	18096263	18146371	18096895	0.27	cps
Yttrium	89-2	2472769	2476018	2477475	2475421	0.10	cps
Zinc	66-2	21633	21526	21519	21559	0.30	cps
Zirconium	90-1	1064125	1064530	1077422	1068692	0.71	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:25:56	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	239913	234553	236770	237078	1.14	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:29:29	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5257919	5221329	5251119	5243455	0.37	cps
Antimony	121-1	6373248	6413481	6430995	6405908	0.46	cps
Arsenic	75-2	202641	202892	203640	203058	0.26	cps
Barium	135-1	7785656	7805376	7796645	7795892	0.13	cps
Barium	137-1	13526508	13660041	13556853	13581134	0.52	cps
Beryllium	9-1	819797	822571	822946	821771	0.21	cps
Bismuth	209-1	12877319	13004247	12978607	12953391	0.52	cps
Bismuth	209-2	7542432	7501323	7518137	7520631	0.27	cps
Boron	10-1	100088	102211	103823	102041	1.84	cps
Boron	11-1	499904	511392	527775	513024	2.73	cps
Cadmium	111-1	1428145	1428894	1423923	1426987	0.19	cps
Cadmium	106-1	155123	154188	156296	155202	0.68	cps
Cadmium	108-1	105149	105493	107613	106085	1.26	cps
Calcium	43-1	8693431	8708824	8735553	8712603	0.24	cps
Calcium	44-1	139957324	140816391	140265149	140346288	0.31	cps
Chromium	52-2	1798084	1802963	1797268	1799438	0.17	cps
Cobalt	59-2	2869101	2894277	2889106	2884161	0.46	cps
Copper	63-2	4120446	4101069	4113808	4111774	0.24	cps
Dysprosium	156-1	192	133	200	175	20.76	cps
Dysprosium	156-2	67	63	67	66	2.94	cps
Erbium	164-1	58	125	133	106	38.94	cps
Erbium	164-2	37	33	43	38	13.48	cps
Gadolinium	160-1	242	183	208	211	13.86	cps
Gadolinium	160-2	130	170	140	147	14.19	cps
Holmium	165-1	21554265	21860451	21980011	21798242	1.01	cps
Holmium	165-2	10874481	10801052	10869615	10848382	0.38	cps
Indium	115-1	17077720	17146403	17059747	17094623	0.27	cps
Indium	115-2	3193314	3211850	3223756	3209640	0.48	cps
Iron	56-2	357988952	359666508	359152208	358935890	0.24	cps
Iron	57-2	8744827	8759770	8804085	8769561	0.35	cps
Lead	206-1	4612935	4632701	4661880	4635839	0.53	cps
Lead	207-1	4187432	4210577	4228836	4208948	0.49	cps
Lead	208-1	18883096	19055716	19097149	19011987	0.60	cps
Lithium	6-1	1641930	1658615	1668035	1656193	0.80	cps
Magnesium	24-2	61450424	61465999	61840697	61585707	0.36	cps
Manganese	55-2	1967350	1970722	1973297	1970456	0.15	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:29:29	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12684210	12747436	12776143	12735930	0.37	cps
Molybdenum	95-1	15233246	15350567	15359194	15314336	0.46	cps
Molybdenum	96-1	16951210	17070949	17102644	17041601	0.47	cps
Molybdenum	97-1	9576725	9545617	9670713	9597685	0.68	cps
Molybdenum	98-1	24841124	24842742	25065855	24916574	0.52	cps
Neodymium	150-1	340	340	307	329	5.85	cps
Neodymium	150-2	70	37	40	49	37.55	cps
Nickel	60-2	761305	764012	764065	763128	0.21	cps
Phosphorus	31-2	55370	54986	53957	54771	1.33	cps
Potassium	39-2	30704543	30427939	30491655	30541379	0.47	cps
Rhodium	103-1	15011166	15017772	15090756	15039898	0.29	cps
Rhodium	103-2	7161053	7117183	7180461	7152899	0.45	cps
Scandium	45-1	10277664	10425586	10471112	10391454	0.97	cps
Scandium	45-2	446596	442514	444498	444536	0.46	cps
Selenium	77-2	3771	3727	3971	3823	3.40	cps
Selenium	78-2	13126	12676	12900	12901	1.75	cps
Selenium	82-1	87313	87641	87649	87534	0.22	cps
Silicon	28-1	4240544	4325706	4418654	4328301	2.06	cps
Silver	109-1	6877317	6922623	6970770	6923570	0.67	cps
Silver	107-1	7220088	7274664	7263162	7252638	0.40	cps
Sodium	23-2	113970040	113179336	113513607	113554328	0.35	cps
Strontium	86-1	2018159	2003476	2018707	2013447	0.43	cps
Strontium	88-1	17598074	17623675	17586171	17602640	0.11	cps
Sulfur	34-1	757416	760245	769677	762446	0.84	cps
Terbium	159-1	22358852	22303850	22382458	22348387	0.18	cps
Terbium	159-2	10791258	10737429	10738070	10755585	0.29	cps
Thallium	203-1	5712113	5744525	5755711	5737449	0.39	cps
Thallium	205-1	13607585	13650464	13682566	13646872	0.28	cps
Tin	118-1	5069845	5073432	5089582	5077620	0.21	cps
Titanium	47-1	4108506	4112366	4153896	4124923	0.61	cps
Uranium	238-1	20740247	20751074	20755685	20749002	0.04	cps
Vanadium	51-2	1482414	1489378	1479705	1483832	0.34	cps
Yttrium	89-1	17891727	18023448	17886660	17933945	0.43	cps
Yttrium	89-2	2489483	2491478	2510685	2497215	0.47	cps
Zinc	66-2	548837	550285	549886	549669	0.14	cps
Zirconium	90-1	10957836	11049627	10998034	11001832	0.42	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:29:29	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2414499	2442632	2425663	2427598	0.58	cps

LB Number : LB91497 Operator : Jaswal
 Lab Sample ID : CCB013 Instrumnet Name : P7
 Client Sample ID : CCB013 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-08 15:33:06 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	175	225	225	22.22	cps
Antimony	121-1	20265	19447	17970	19228	6.05	cps
Arsenic	75-2	54	59	52	55	7.02	cps
Barium	135-1	533	450	358	447	19.57	cps
Barium	137-1	908	717	533	719	26.06	cps
Beryllium	9-1	450	328	317	365	20.28	cps
Bismuth	209-1	14532437	14480780	14454046	14489088	0.28	cps
Bismuth	209-2	8364214	8367629	8386112	8372652	0.14	cps
Boron	10-1	3976	3651	3292	3639	9.40	cps
Boron	11-1	20965	18579	16852	18799	10.99	cps
Cadmium	111-1	3474	3488	3317	3426	2.78	cps
Cadmium	106-1	4718	4793	4559	4690	2.54	cps
Cadmium	108-1	17	42	29	29	42.85	cps
Calcium	43-1	1700	1575	1533	1603	5.41	cps
Calcium	44-1	108379	104030	101589	104666	3.29	cps
Chromium	52-2	1813	2000	1900	1905	4.91	cps
Cobalt	59-2	207	237	240	228	8.06	cps
Copper	63-2	4614	4254	4244	4371	4.82	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	30	57	37	41	33.76	cps
Gadolinium	160-1	67	167	125	119	42.05	cps
Gadolinium	160-2	140	127	107	124	13.48	cps
Holmium	165-1	22360351	22290216	22289033	22313200	0.18	cps
Holmium	165-2	11069293	10988541	11033275	11030370	0.37	cps
Indium	115-1	18389238	18383154	18328377	18366923	0.18	cps
Indium	115-2	3404078	3416132	3391624	3403945	0.36	cps
Iron	56-2	23363	21794	21494	22217	4.52	cps
Iron	57-2	628	722	550	633	13.62	cps
Lead	206-1	2945	2945	2811	2900	2.65	cps
Lead	207-1	2661	2511	2456	2543	4.18	cps
Lead	208-1	11569	11552	11513	11545	0.25	cps
Lithium	6-1	1773384	1778607	1783614	1778535	0.29	cps
Magnesium	24-2	2225	2175	2284	2228	2.43	cps
Manganese	55-2	120	127	140	129	7.90	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:33:06	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5651	5360	5134	5382	4.82	cps
Molybdenum	95-1	7727	7527	6368	7208	10.18	cps
Molybdenum	96-1	8253	7744	7094	7697	7.55	cps
Molybdenum	97-1	5009	4351	4109	4490	10.38	cps
Molybdenum	98-1	12873	11572	10921	11789	8.43	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	280	260	223	254	11.30	cps
Phosphorus	31-2	192	200	283	225	22.53	cps
Potassium	39-2	32904	31910	32445	32420	1.53	cps
Rhodium	103-1	16628508	16606123	16767214	16667281	0.52	cps
Rhodium	103-2	7964532	7937817	7931545	7944631	0.22	cps
Scandium	45-1	10696161	10738689	10820579	10751809	0.59	cps
Scandium	45-2	446996	447177	445633	446602	0.19	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	87	89	89	88	1.21	cps
Selenium	82-1	143	28	13	61	116.13	cps
Silicon	28-1	268187	263896	259021	263701	1.74	cps
Silver	109-1	1033	933	858	942	9.32	cps
Silver	107-1	1108	1183	950	1081	11.02	cps
Sodium	23-2	39987	38075	37347	38470	3.54	cps
Strontium	86-1	800	958	858	872	9.18	cps
Strontium	88-1	1892	1392	1367	1550	19.11	cps
Sulfur	34-1	295118	293589	288842	292517	1.12	cps
Terbium	159-1	22895861	23086087	23094048	23025332	0.49	cps
Terbium	159-2	10947422	11054646	10991260	10997776	0.49	cps
Thallium	203-1	2459	2200	1909	2189	12.57	cps
Thallium	205-1	5768	5802	5085	5551	7.29	cps
Tin	118-1	4609	4626	4493	4576	1.59	cps
Titanium	47-1	642	575	400	539	23.16	cps
Uranium	238-1	1734	1600	1333	1556	13.09	cps
Vanadium	51-2	70	47	43	53	27.24	cps
Yttrium	89-1	18621511	18497608	18565843	18561654	0.33	cps
Yttrium	89-2	2539578	2551862	2542709	2544716	0.25	cps
Zinc	66-2	4281	4621	4371	4424	3.98	cps
Zirconium	90-1	3767	3542	3459	3590	4.45	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:33:06	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	875	775	800	817	6.37	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:36:37	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1984	2067	2200	2084	5.25	cps
Antimony	121-1	28522	28814	28964	28767	0.78	cps
Arsenic	75-2	387	443	424	418	6.77	cps
Barium	135-1	29457	27812	27754	28341	3.41	cps
Barium	137-1	50066	50217	50685	50323	0.64	cps
Beryllium	9-1	2022	1767	1661	1817	10.22	cps
Bismuth	209-1	14413892	14430736	14359229	14401286	0.26	cps
Bismuth	209-2	8323939	8330366	8334178	8329494	0.06	cps
Boron	10-1	6468	6735	7069	6757	4.45	cps
Boron	11-1	32327	32970	32210	32503	1.26	cps
Cadmium	111-1	6415	5988	6085	6163	3.63	cps
Cadmium	106-1	5526	5026	4901	5151	6.42	cps
Cadmium	108-1	238	217	250	235	7.18	cps
Calcium	43-1	16627	17603	15993	16741	4.84	cps
Calcium	44-1	349602	348246	346932	348260	0.38	cps
Chromium	52-2	8846	8599	8866	8771	1.69	cps
Cobalt	59-2	6111	5648	5858	5872	3.95	cps
Copper	63-2	12008	11928	11978	11972	0.34	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	92	100	67	86	20.15	cps
Erbium	164-2	33	43	50	42	19.87	cps
Gadolinium	160-1	192	167	133	164	17.86	cps
Gadolinium	160-2	93	123	113	110	13.89	cps
Holmium	165-1	22260622	22344627	22091839	22232363	0.58	cps
Holmium	165-2	10996142	11019859	11003490	11006497	0.11	cps
Indium	115-1	18462592	18390377	18462197	18438388	0.23	cps
Indium	115-2	3397912	3382043	3407852	3395936	0.38	cps
Iron	56-2	150997	147287	148275	148853	1.29	cps
Iron	57-2	3856	3784	3767	3802	1.24	cps
Lead	206-1	11211	10888	11094	11064	1.48	cps
Lead	207-1	10399	10143	10354	10299	1.33	cps
Lead	208-1	46750	45838	46383	46324	0.99	cps
Lithium	6-1	1795698	1794719	1793518	1794645	0.06	cps
Magnesium	24-2	112630	113731	113376	113246	0.50	cps
Manganese	55-2	1847	2007	2120	1991	6.90	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:36:37	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26142	25457	25198	25599	1.90	cps
Molybdenum	95-1	30224	28805	28947	29325	2.67	cps
Molybdenum	96-1	32563	33056	33891	33170	2.02	cps
Molybdenum	97-1	18796	19114	18621	18844	1.32	cps
Molybdenum	98-1	48559	47664	48241	48155	0.94	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	1823	1840	1850	1838	0.73	cps
Phosphorus	31-2	233	208	117	186	33.01	cps
Potassium	39-2	138803	138709	138667	138726	0.05	cps
Rhodium	103-1	16636090	16654441	16742760	16677764	0.34	cps
Rhodium	103-2	7893068	7888255	7914480	7898601	0.18	cps
Scandium	45-1	10671974	10733287	10729321	10711527	0.32	cps
Scandium	45-2	446036	445689	447389	446371	0.20	cps
Selenium	77-2	23	50	40	38	35.67	cps
Selenium	78-2	180	209	206	198	8.15	cps
Selenium	82-1	879	876	867	874	0.73	cps
Silicon	28-1	340870	338955	340016	339947	0.28	cps
Silver	109-1	14216	14425	13932	14191	1.74	cps
Silver	107-1	15701	15200	14934	15278	2.55	cps
Sodium	23-2	242913	241074	239144	241044	0.78	cps
Strontium	86-1	4284	4759	4167	4404	7.12	cps
Strontium	88-1	32838	33039	32730	32869	0.48	cps
Sulfur	34-1	303704	299686	297873	300421	0.99	cps
Terbium	159-1	23116610	22898560	23047080	23020750	0.48	cps
Terbium	159-2	10908416	10913124	10946383	10922641	0.19	cps
Thallium	203-1	12023	12373	12131	12176	1.47	cps
Thallium	205-1	29083	29175	28782	29013	0.71	cps
Tin	118-1	51052	49898	48635	49862	2.42	cps
Titanium	47-1	7894	8052	7544	7830	3.32	cps
Uranium	238-1	38433	38065	36937	37811	2.06	cps
Vanadium	51-2	13069	13189	13433	13231	1.40	cps
Yttrium	89-1	18504787	18508881	18536408	18516692	0.09	cps
Yttrium	89-2	2536365	2533305	2536924	2535532	0.08	cps
Zinc	66-2	5761	5404	5675	5613	3.32	cps
Zirconium	90-1	25256	23938	23253	24149	4.22	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:36:37	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5660	5093	5568	5440	5.59	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:40:09	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	133	158	161	18.17	cps
Antimony	121-1	2784	3109	3117	3003	6.33	cps
Arsenic	75-2	28	24	24	25	8.46	cps
Barium	135-1	100	217	133	150	40.06	cps
Barium	137-1	325	300	350	325	7.69	cps
Beryllium	9-1	244	233	139	206	28.22	cps
Bismuth	209-1	14200828	14397570	14422756	14340385	0.85	cps
Bismuth	209-2	8330404	8299436	8363978	8331273	0.39	cps
Boron	10-1	1483	1684	1767	1645	8.86	cps
Boron	11-1	8619	8569	8169	8453	2.92	cps
Cadmium	111-1	3644	3632	3364	3547	4.47	cps
Cadmium	106-1	5118	5084	4701	4968	4.66	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	1192	1242	1175	1203	2.89	cps
Calcium	44-1	94401	95231	92866	94166	1.27	cps
Chromium	52-2	1863	1837	1880	1860	1.18	cps
Cobalt	59-2	247	243	217	236	6.98	cps
Copper	63-2	3524	3257	3297	3359	4.28	cps
Dysprosium	156-1	42	17	8	22	78.07	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	58	100	50	69	38.58	cps
Erbium	164-2	27	30	23	27	12.51	cps
Gadolinium	160-1	117	150	150	139	13.86	cps
Gadolinium	160-2	120	143	123	129	9.79	cps
Holmium	165-1	22024465	22062155	22070894	22052504	0.11	cps
Holmium	165-2	10957841	10930334	10940765	10942980	0.13	cps
Indium	115-1	18078267	18253477	18375442	18235729	0.82	cps
Indium	115-2	3358101	3354160	3389168	3367143	0.57	cps
Iron	56-2	10543	10443	10687	10558	1.16	cps
Iron	57-2	394	383	367	381	3.67	cps
Lead	206-1	2106	2006	2089	2067	2.59	cps
Lead	207-1	2006	2089	1834	1976	6.60	cps
Lead	208-1	8740	8968	8646	8785	1.89	cps
Lithium	6-1	1806238	1805773	1810208	1807406	0.13	cps
Magnesium	24-2	1558	1692	1592	1614	4.30	cps
Manganese	55-2	123	97	100	107	13.62	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:40:09	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1350	1392	1617	1453	9.87	cps
Molybdenum	95-1	1442	1333	1417	1397	4.06	cps
Molybdenum	96-1	1458	1792	1608	1620	10.31	cps
Molybdenum	97-1	692	700	692	694	0.69	cps
Molybdenum	98-1	2317	2100	2275	2231	5.15	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	227	207	243	226	8.14	cps
Phosphorus	31-2	175	225	242	214	16.22	cps
Potassium	39-2	28036	28445	28103	28194	0.78	cps
Rhodium	103-1	16523221	16575031	16565511	16554588	0.17	cps
Rhodium	103-2	7819759	7856176	7901164	7859033	0.52	cps
Scandium	45-1	10573586	10744437	10677265	10665096	0.81	cps
Scandium	45-2	444157	441536	444509	443401	0.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	59	107	80	31.29	cps
Selenium	82-1	105	-18	-47	13	601.18	cps
Silicon	28-1	244973	245135	241476	243861	0.85	cps
Silver	109-1	417	342	300	353	16.76	cps
Silver	107-1	275	467	500	414	29.34	cps
Sodium	23-2	30641	29914	30423	30326	1.23	cps
Strontium	86-1	833	750	967	850	12.86	cps
Strontium	88-1	642	567	692	633	9.93	cps
Sulfur	34-1	303932	304470	302853	303752	0.27	cps
Terbium	159-1	22626195	22923575	23001269	22850346	0.87	cps
Terbium	159-2	10914017	10887723	10924217	10908652	0.17	cps
Thallium	203-1	1042	825	1000	956	12.03	cps
Thallium	205-1	2225	1892	2159	2092	8.43	cps
Tin	118-1	1942	2142	2050	2045	4.90	cps
Titanium	47-1	200	250	275	242	15.80	cps
Uranium	238-1	792	658	800	750	10.60	cps
Vanadium	51-2	13	37	40	30	48.44	cps
Yttrium	89-1	18272556	18380921	18410526	18354668	0.40	cps
Yttrium	89-2	2514197	2514841	2530182	2519740	0.36	cps
Zinc	66-2	4381	4337	4547	4422	2.51	cps
Zirconium	90-1	1850	1784	2084	1906	8.27	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:40:09	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	442	433	428	4.05	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:43:41	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3867	4393	3817	4026	7.92	cps
Antimony	121-1	50208	51035	52164	51136	1.92	cps
Arsenic	75-2	802	796	846	815	3.36	cps
Barium	135-1	58742	57378	57787	57969	1.21	cps
Barium	137-1	101729	102477	101889	102032	0.39	cps
Beryllium	9-1	3667	3639	3484	3597	2.75	cps
Bismuth	209-1	14069125	14229316	14204795	14167745	0.61	cps
Bismuth	209-2	8221669	8220273	8224465	8222136	0.03	cps
Boron	10-1	10729	10654	11430	10938	3.91	cps
Boron	11-1	53094	53018	54575	53562	1.64	cps
Cadmium	111-1	9490	8793	9138	9140	3.81	cps
Cadmium	106-1	5643	5418	5510	5524	2.05	cps
Cadmium	108-1	463	483	488	478	2.80	cps
Calcium	43-1	33030	33255	33147	33144	0.34	cps
Calcium	44-1	621807	616363	616810	618327	0.49	cps
Chromium	52-2	16857	16266	16309	16477	2.00	cps
Cobalt	59-2	12108	11571	11732	11804	2.34	cps
Copper	63-2	19814	20535	20438	20262	1.93	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	200	108	183	164	29.79	cps
Erbium	164-2	67	60	33	53	33.08	cps
Gadolinium	160-1	158	150	125	144	12.01	cps
Gadolinium	160-2	170	93	113	126	31.67	cps
Holmium	165-1	21747695	21713121	21867993	21776270	0.37	cps
Holmium	165-2	10814054	10905810	10888316	10869393	0.45	cps
Indium	115-1	17926355	17977016	17940463	17947944	0.15	cps
Indium	115-2	3331908	3333661	3343349	3336306	0.18	cps
Iron	56-2	1217919	1218301	1223811	1220010	0.27	cps
Iron	57-2	31217	30415	30694	30775	1.32	cps
Lead	206-1	21095	20055	20511	20553	2.54	cps
Lead	207-1	18430	18831	18369	18543	1.35	cps
Lead	208-1	83202	83165	84670	83679	1.03	cps
Lithium	6-1	1766138	1780960	1765139	1770746	0.50	cps
Magnesium	24-2	232393	230234	234699	232442	0.96	cps
Manganese	55-2	4137	3917	4414	4156	5.99	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:43:41	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	48851	49537	48868	49085	0.80	cps
Molybdenum	95-1	58245	57768	57358	57790	0.77	cps
Molybdenum	96-1	65777	64279	62805	64287	2.31	cps
Molybdenum	97-1	36414	35905	35963	36094	0.77	cps
Molybdenum	98-1	93254	92692	92777	92908	0.33	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	3397	3327	3390	3372	1.15	cps
Phosphorus	31-2	208	342	208	253	30.46	cps
Potassium	39-2	246998	251885	251217	250033	1.06	cps
Rhodium	103-1	16253246	16382946	16229007	16288400	0.51	cps
Rhodium	103-2	7761379	7769967	7730511	7753952	0.27	cps
Scandium	45-1	10430122	10470068	10449916	10450035	0.19	cps
Scandium	45-2	437387	439853	439332	438857	0.30	cps
Selenium	77-2	70	60	70	67	8.66	cps
Selenium	78-2	339	335	330	335	1.39	cps
Selenium	82-1	1814	1734	1845	1798	3.18	cps
Silicon	28-1	443648	445726	442454	443943	0.37	cps
Silver	109-1	30025	28588	28989	29201	2.54	cps
Silver	107-1	30909	30125	30024	30353	1.60	cps
Sodium	23-2	461193	460246	455807	459082	0.63	cps
Strontium	86-1	8928	8603	8119	8550	4.76	cps
Strontium	88-1	65266	66606	65885	65919	1.02	cps
Sulfur	34-1	306793	309458	306959	307737	0.49	cps
Terbium	159-1	22393578	22457382	22488709	22446556	0.22	cps
Terbium	159-2	10742055	10773597	10769992	10761881	0.16	cps
Thallium	203-1	24356	23664	23313	23778	2.23	cps
Thallium	205-1	55324	55466	56638	55810	1.29	cps
Tin	118-1	98352	98192	98209	98251	0.09	cps
Titanium	47-1	15167	15976	15909	15684	2.86	cps
Uranium	238-1	73625	78628	77614	76622	3.45	cps
Vanadium	51-2	27456	27352	27262	27357	0.35	cps
Yttrium	89-1	18065194	18041829	18044132	18050385	0.07	cps
Yttrium	89-2	2467767	2497371	2507587	2490909	0.83	cps
Zinc	66-2	6742	6725	6545	6671	1.64	cps
Zirconium	90-1	44203	44161	42781	43715	1.85	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104058BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:43:41	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9862	9462	9345	9556	2.84	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:47:12	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	75	67	81	21.53	cps
Antimony	121-1	1850	2017	1892	1920	4.52	cps
Arsenic	75-2	17	13	20	17	22.23	cps
Barium	135-1	208	133	92	144	40.93	cps
Barium	137-1	133	242	267	214	33.14	cps
Beryllium	9-1	139	150	183	157	14.70	cps
Bismuth	209-1	14316578	14291714	14256777	14288356	0.21	cps
Bismuth	209-2	8244973	8241601	8183301	8223292	0.42	cps
Boron	10-1	1475	1275	1242	1331	9.49	cps
Boron	11-1	6869	6593	6643	6702	2.19	cps
Cadmium	111-1	3606	3445	3330	3460	4.01	cps
Cadmium	106-1	5084	4901	4734	4907	3.57	cps
Cadmium	108-1	4	46	13	21	105.81	cps
Calcium	43-1	1108	1092	1092	1097	0.88	cps
Calcium	44-1	91205	92421	91248	91625	0.75	cps
Chromium	52-2	1627	1860	1833	1773	7.20	cps
Cobalt	59-2	223	183	187	198	11.22	cps
Copper	63-2	3060	3230	2997	3096	3.90	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	75	67	92	78	16.37	cps
Erbium	164-2	20	30	40	30	33.33	cps
Gadolinium	160-1	100	125	125	117	12.37	cps
Gadolinium	160-2	87	113	117	106	15.58	cps
Holmium	165-1	21828002	21947799	22082965	21952922	0.58	cps
Holmium	165-2	10829653	10831264	10826108	10829008	0.02	cps
Indium	115-1	18056246	18031889	18111322	18066486	0.23	cps
Indium	115-2	3304298	3336296	3311632	3317409	0.51	cps
Iron	56-2	8330	7975	7858	8054	3.06	cps
Iron	57-2	294	322	306	307	4.55	cps
Lead	206-1	1945	1967	1795	1902	4.93	cps
Lead	207-1	1761	1706	1611	1693	4.48	cps
Lead	208-1	7796	7779	7284	7620	3.81	cps
Lithium	6-1	1790657	1783294	1782922	1785624	0.24	cps
Magnesium	24-2	1750	2000	1967	1906	7.12	cps
Manganese	55-2	117	93	110	107	11.26	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:47:12	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1050	942	1100	1031	7.85	cps
Molybdenum	95-1	783	858	675	772	11.94	cps
Molybdenum	96-1	900	975	808	895	9.33	cps
Molybdenum	97-1	442	433	467	447	3.88	cps
Molybdenum	98-1	1008	1192	1292	1164	12.35	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	227	247	243	239	4.49	cps
Phosphorus	31-2	217	225	175	206	13.03	cps
Potassium	39-2	27768	26441	27334	27181	2.49	cps
Rhodium	103-1	16287091	16364936	16406150	16352726	0.37	cps
Rhodium	103-2	7762209	7792869	7713984	7756354	0.51	cps
Scandium	45-1	10480321	10404768	10480600	10455229	0.42	cps
Scandium	45-2	435779	439588	435933	437100	0.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	56	80	69	68	17.74	cps
Selenium	82-1	70	11	77	53	68.75	cps
Silicon	28-1	240141	241766	238800	240236	0.62	cps
Silver	109-1	217	258	267	247	10.84	cps
Silver	107-1	208	425	367	333	33.64	cps
Sodium	23-2	25923	25681	25698	25767	0.52	cps
Strontium	86-1	967	750	883	867	12.61	cps
Strontium	88-1	542	500	400	481	15.15	cps
Sulfur	34-1	309716	309477	307088	308761	0.47	cps
Terbium	159-1	22636433	22637945	22594558	22622979	0.11	cps
Terbium	159-2	10770054	10791961	10824442	10795486	0.25	cps
Thallium	203-1	650	508	617	592	12.52	cps
Thallium	205-1	1300	1475	1142	1306	12.77	cps
Tin	118-1	1600	1667	1425	1564	7.98	cps
Titanium	47-1	250	267	267	261	3.69	cps
Uranium	238-1	300	242	300	281	12.00	cps
Vanadium	51-2	17	27	17	20	28.86	cps
Yttrium	89-1	18245296	17960529	18191405	18132410	0.83	cps
Yttrium	89-2	2487030	2492041	2483697	2487589	0.17	cps
Zinc	66-2	4164	4051	4057	4091	1.56	cps
Zirconium	90-1	1533	1492	1225	1417	11.81	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:47:12	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	292	300	333	19.53	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:50:44	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4184	3801	4376	4120	7.11	cps
Antimony	121-1	48652	47866	48987	48502	1.19	cps
Arsenic	75-2	794	820	837	817	2.63	cps
Barium	135-1	56775	56917	55645	56446	1.23	cps
Barium	137-1	100470	100303	98329	99701	1.19	cps
Beryllium	9-1	3323	3389	3206	3306	2.81	cps
Bismuth	209-1	14155566	14097530	14106323	14119806	0.22	cps
Bismuth	209-2	8198492	8197838	8195112	8197147	0.02	cps
Boron	10-1	9887	10312	9954	10051	2.28	cps
Boron	11-1	49273	50276	51522	50357	2.24	cps
Cadmium	111-1	9230	8734	8900	8955	2.82	cps
Cadmium	106-1	5435	5043	4984	5154	4.75	cps
Cadmium	108-1	513	413	421	449	12.37	cps
Calcium	43-1	33054	32244	32311	32537	1.38	cps
Calcium	44-1	600793	596040	593365	596732	0.63	cps
Chromium	52-2	15879	16156	15996	16010	0.87	cps
Cobalt	59-2	11595	11161	11311	11356	1.94	cps
Copper	63-2	19744	20261	20037	20014	1.30	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	20	3	10	11	75.52	cps
Erbium	164-1	108	117	83	103	16.88	cps
Erbium	164-2	30	53	37	40	30.04	cps
Gadolinium	160-1	133	150	150	144	6.66	cps
Gadolinium	160-2	120	100	157	126	22.89	cps
Holmium	165-1	21971587	21777963	21547617	21765722	0.98	cps
Holmium	165-2	10946492	10802922	10784585	10844666	0.82	cps
Indium	115-1	17812531	17952509	17877294	17880778	0.39	cps
Indium	115-2	3290320	3308233	3313955	3304169	0.37	cps
Iron	56-2	1205743	1207184	1205712	1206213	0.07	cps
Iron	57-2	29669	29897	29736	29768	0.39	cps
Lead	206-1	20127	19760	19888	19925	0.94	cps
Lead	207-1	17740	18263	18274	18092	1.69	cps
Lead	208-1	81489	81215	82547	81751	0.86	cps
Lithium	6-1	1780258	1776969	1782018	1779748	0.14	cps
Magnesium	24-2	226038	226122	228029	226730	0.50	cps
Manganese	55-2	3827	3847	4051	3908	3.16	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:50:44	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	46777	47204	45867	46616	1.47	cps
Molybdenum	95-1	55367	56320	55601	55763	0.89	cps
Molybdenum	96-1	63308	62697	62554	62853	0.64	cps
Molybdenum	97-1	35111	35395	35178	35228	0.42	cps
Molybdenum	98-1	90453	89892	91342	90562	0.81	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3487	3607	3597	3564	1.87	cps
Phosphorus	31-2	242	158	242	214	22.49	cps
Potassium	39-2	242000	244499	242772	243090	0.53	cps
Rhodium	103-1	16216727	16113594	16258521	16196281	0.46	cps
Rhodium	103-2	7772396	7698687	7670820	7713968	0.68	cps
Scandium	45-1	10394387	10347184	10396559	10379377	0.27	cps
Scandium	45-2	433860	434431	434454	434248	0.08	cps
Selenium	77-2	83	103	93	93	10.72	cps
Selenium	78-2	304	320	344	323	6.34	cps
Selenium	82-1	1669	1718	1815	1734	4.27	cps
Silicon	28-1	433839	433768	427303	431637	0.87	cps
Silver	109-1	28555	27561	28981	28365	2.57	cps
Silver	107-1	29757	29081	29498	29446	1.16	cps
Sodium	23-2	444969	447087	448992	447016	0.45	cps
Strontium	86-1	7761	7911	8069	7914	1.95	cps
Strontium	88-1	63868	65157	64931	64652	1.06	cps
Sulfur	34-1	303439	302518	303259	303072	0.16	cps
Terbium	159-1	22614242	22498529	22345121	22485964	0.60	cps
Terbium	159-2	10765265	10739907	10762354	10755842	0.13	cps
Thallium	203-1	23138	22954	22570	22887	1.27	cps
Thallium	205-1	54923	54622	53132	54226	1.77	cps
Tin	118-1	93879	96051	96160	95364	1.35	cps
Titanium	47-1	14958	14741	15751	15150	3.51	cps
Uranium	238-1	73944	74522	75394	74620	0.98	cps
Vanadium	51-2	26360	26317	26494	26390	0.35	cps
Yttrium	89-1	17915187	17980852	17965361	17953800	0.19	cps
Yttrium	89-2	2487395	2478991	2461004	2475796	0.54	cps
Zinc	66-2	6672	6515	6512	6566	1.39	cps
Zirconium	90-1	41319	41461	41402	41394	0.17	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	PB104057BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:50:44	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9662	9087	8711	9153	5.23	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-01	Instrumnet Name :	P7
Client Sample ID :	MBDXK6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:54:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62316	61756	57739	60604	4.12	cps
Antimony	121-1	12022	12323	11864	12070	1.93	cps
Arsenic	75-2	328	400	387	372	10.36	cps
Barium	135-1	40384	40963	38906	40085	2.65	cps
Barium	137-1	72490	71024	69801	71105	1.89	cps
Beryllium	9-1	178	161	139	159	12.25	cps
Bismuth	209-1	16102631	15855939	15891327	15949965	0.84	cps
Bismuth	209-2	8895140	8895500	8881051	8890564	0.09	cps
Boron	10-1	7661	7777	7486	7641	1.92	cps
Boron	11-1	39436	40338	39670	39815	1.18	cps
Cadmium	111-1	4355	4378	4307	4346	0.83	cps
Cadmium	106-1	5576	5343	5285	5401	2.86	cps
Cadmium	108-1	129	83	96	103	23.05	cps
Calcium	43-1	468071	463636	454853	462187	1.46	cps
Calcium	44-1	7723303	7690324	7564102	7659243	1.10	cps
Chromium	52-2	8159	9050	8523	8577	5.22	cps
Cobalt	59-2	4361	4327	4444	4377	1.37	cps
Copper	63-2	71661	72006	72331	71999	0.47	cps
Dysprosium	156-1	3226	2817	2975	3006	6.85	cps
Dysprosium	156-2	1513	1363	1547	1475	6.62	cps
Erbium	164-1	2975	3067	3367	3137	6.53	cps
Erbium	164-2	1417	1503	1443	1455	3.05	cps
Gadolinium	160-1	2900	3034	3059	2998	2.84	cps
Gadolinium	160-2	1723	1690	1767	1727	2.23	cps
Holmium	165-1	24942607	24640779	24301108	24628165	1.30	cps
Holmium	165-2	11798622	11762066	11738253	11766313	0.26	cps
Indium	115-1	20517730	20351554	20161551	20343612	0.88	cps
Indium	115-2	3569325	3579602	3562783	3570570	0.24	cps
Iron	56-2	3026005	3044871	3033012	3034629	0.31	cps
Iron	57-2	76683	77120	76226	76676	0.58	cps
Lead	206-1	97550	95910	94853	96104	1.41	cps
Lead	207-1	82516	81610	81303	81810	0.77	cps
Lead	208-1	384453	379802	374909	379721	1.26	cps
Lithium	6-1	2024737	2005033	1984533	2004768	1.00	cps
Magnesium	24-2	798301	795735	785565	793200	0.85	cps
Manganese	55-2	158024	155265	157196	156829	0.90	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-01	Instrumnet Name :	P7
Client Sample ID :	MBDXK6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:54:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6310	5935	5893	6046	3.80	cps
Molybdenum	95-1	5901	5718	5009	5543	8.50	cps
Molybdenum	96-1	6710	6427	6644	6594	2.25	cps
Molybdenum	97-1	3484	3559	3501	3514	1.12	cps
Molybdenum	98-1	9062	8895	9103	9020	1.22	cps
Neodymium	150-1	4207	4361	4221	4263	1.99	cps
Neodymium	150-2	1527	1497	1543	1522	1.55	cps
Nickel	60-2	3354	3217	3137	3236	3.39	cps
Phosphorus	31-2	1000	1142	1075	1072	6.61	cps
Potassium	39-2	589668	583387	583385	585480	0.62	cps
Rhodium	103-1	18283394	18224860	17866547	18124934	1.25	cps
Rhodium	103-2	8349583	8343902	8317159	8336882	0.21	cps
Scandium	45-1	11798888	11709870	11577850	11695536	0.95	cps
Scandium	45-2	469096	467688	464415	467066	0.51	cps
Selenium	77-2	17	7	13	12	41.65	cps
Selenium	78-2	81	104	94	93	11.98	cps
Selenium	82-1	77	102	146	108	32.46	cps
Silicon	28-1	23051910	23284602	22607742	22981418	1.50	cps
Silver	109-1	3376	3826	4993	4065	20.53	cps
Silver	107-1	3776	4443	5693	4637	20.99	cps
Sodium	23-2	7569726	7526504	7416959	7504397	1.05	cps
Strontium	86-1	168478	166092	165441	166670	0.96	cps
Strontium	88-1	1437554	1442400	1418164	1432706	0.90	cps
Sulfur	34-1	411168	409609	405905	408894	0.66	cps
Terbium	159-1	25485987	25383770	25336710	25402156	0.30	cps
Terbium	159-2	11675895	11601334	11616818	11631349	0.34	cps
Thallium	203-1	1617	2067	2192	1959	15.44	cps
Thallium	205-1	4734	4318	4901	4651	6.46	cps
Tin	118-1	8637	8495	7878	8336	4.84	cps
Titanium	47-1	33556	39205	34454	35738	8.49	cps
Uranium	238-1	6619	6252	6669	6513	3.49	cps
Vanadium	51-2	13503	13319	13056	13293	1.69	cps
Yttrium	89-1	20398801	20309283	20082100	20263395	0.81	cps
Yttrium	89-2	2677154	2658945	2632796	2656298	0.84	cps
Zinc	66-2	47791	47664	47126	47527	0.74	cps
Zirconium	90-1	8953	8019	7536	8169	8.82	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-01	Instrumnet Name :	P7
Client Sample ID :	MBDXK6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:54:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1800	1809	1775	1795	0.97	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-02	Instrumnet Name :	P7
Client Sample ID :	MBDXK7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:57:48	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31435	31870	31898	31734	0.82	cps
Antimony	121-1	11288	11055	11247	11197	1.11	cps
Arsenic	75-2	263	239	235	246	6.14	cps
Barium	135-1	30453	30643	29916	30338	1.24	cps
Barium	137-1	51898	52015	52994	52302	1.15	cps
Beryllium	9-1	111	156	144	137	16.88	cps
Bismuth	209-1	15892111	15910539	15793379	15865343	0.40	cps
Bismuth	209-2	8802980	8869059	8751850	8807963	0.67	cps
Boron	10-1	6026	5593	6043	5887	4.34	cps
Boron	11-1	30231	29964	30598	30265	1.05	cps
Cadmium	111-1	4249	4151	3884	4094	4.62	cps
Cadmium	106-1	5460	5351	4901	5237	5.66	cps
Cadmium	108-1	63	58	38	53	25.38	cps
Calcium	43-1	294034	289575	287872	290494	1.10	cps
Calcium	44-1	4867103	4842909	4766413	4825475	1.09	cps
Chromium	52-2	5511	5031	5164	5235	4.73	cps
Cobalt	59-2	2127	2090	2367	2195	6.85	cps
Copper	63-2	43304	43063	42749	43039	0.65	cps
Dysprosium	156-1	1550	1525	1634	1570	3.61	cps
Dysprosium	156-2	840	740	800	793	6.34	cps
Erbium	164-1	1984	1842	1917	1914	3.70	cps
Erbium	164-2	797	893	857	849	5.75	cps
Gadolinium	160-1	1900	1617	1675	1731	8.65	cps
Gadolinium	160-2	1007	1070	977	1018	4.68	cps
Holmium	165-1	24367406	24330901	24218706	24305671	0.32	cps
Holmium	165-2	11569694	11587132	11474451	11543759	0.53	cps
Indium	115-1	20089878	19970619	19873171	19977889	0.54	cps
Indium	115-2	3474623	3498753	3478889	3484088	0.37	cps
Iron	56-2	1977408	1978816	1999998	1985407	0.64	cps
Iron	57-2	50214	49751	49758	49908	0.53	cps
Lead	206-1	62882	61855	61631	62123	1.07	cps
Lead	207-1	52398	50597	52141	51712	1.88	cps
Lead	208-1	245915	244461	242115	244164	0.79	cps
Lithium	6-1	1991569	1981132	1966826	1979842	0.63	cps
Magnesium	24-2	508626	503452	503814	505297	0.57	cps
Manganese	55-2	68488	67059	67002	67516	1.25	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-02	Instrumnet Name :	P7
Client Sample ID :	MBDXK7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:57:48	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3959	3476	3626	3687	6.71	cps
Molybdenum	95-1	3334	3209	3017	3187	5.01	cps
Molybdenum	96-1	4067	4159	3951	4059	2.57	cps
Molybdenum	97-1	2034	2117	1984	2045	3.29	cps
Molybdenum	98-1	5485	5260	5485	5410	2.40	cps
Neodymium	150-1	2207	2380	2180	2256	4.82	cps
Neodymium	150-2	977	750	847	858	13.26	cps
Nickel	60-2	1717	2027	1863	1869	8.30	cps
Phosphorus	31-2	600	650	625	625	4.00	cps
Potassium	39-2	338081	339238	331728	336349	1.20	cps
Rhodium	103-1	17960578	17833120	17555479	17783059	1.16	cps
Rhodium	103-2	8121898	8102138	8073866	8099301	0.30	cps
Scandium	45-1	11445502	11262193	11202018	11303238	1.12	cps
Scandium	45-2	453045	449116	449680	450613	0.47	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	57	78	80	72	17.22	cps
Selenium	82-1	30	-62	74	14	496.82	cps
Silicon	28-1	13877823	13714054	13613355	13735078	0.97	cps
Silver	109-1	5576	6602	7302	6493	13.37	cps
Silver	107-1	6435	7369	8294	7366	12.62	cps
Sodium	23-2	7071427	7040479	6992253	7034720	0.57	cps
Strontium	86-1	111868	111103	107978	110316	1.87	cps
Strontium	88-1	969413	960129	955388	961643	0.74	cps
Sulfur	34-1	366613	363072	356916	362201	1.35	cps
Terbium	159-1	25088393	25017249	24859135	24988259	0.47	cps
Terbium	159-2	11461078	11489865	11431506	11460816	0.25	cps
Thallium	203-1	1142	1100	900	1047	12.34	cps
Thallium	205-1	2075	2359	2484	2306	9.08	cps
Tin	118-1	7786	7594	7919	7766	2.10	cps
Titanium	47-1	18354	22340	18446	19713	11.54	cps
Uranium	238-1	3817	3851	3767	3812	1.10	cps
Vanadium	51-2	8639	8933	8479	8684	2.65	cps
Yttrium	89-1	20025984	19810968	19692239	19843064	0.85	cps
Yttrium	89-2	2565255	2565840	2553994	2561696	0.26	cps
Zinc	66-2	27202	28471	27576	27750	2.35	cps
Zirconium	90-1	5635	5260	5076	5324	5.35	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-02	Instrumnet Name :	P7
Client Sample ID :	MBDXK7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 15:57:48	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1233	1660	1075	1323	22.86	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-03	Instrumnet Name :	P7
Client Sample ID :	MBDXK8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:01:21	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25715	25148	25190	25351	1.25	cps
Antimony	121-1	9771	9570	9479	9607	1.55	cps
Arsenic	75-2	270	241	261	257	5.89	cps
Barium	135-1	35789	34987	35897	35558	1.40	cps
Barium	137-1	63814	62056	61939	62603	1.68	cps
Beryllium	9-1	100	194	67	120	55.06	cps
Bismuth	209-1	15815592	15681565	15561836	15686331	0.81	cps
Bismuth	209-2	8689177	8661092	8598277	8649515	0.54	cps
Boron	10-1	8144	8653	8903	8567	4.51	cps
Boron	11-1	41174	42870	42227	42090	2.03	cps
Cadmium	111-1	3986	3772	3870	3876	2.76	cps
Cadmium	106-1	5193	4826	5009	5009	3.66	cps
Cadmium	108-1	58	63	46	56	15.62	cps
Calcium	43-1	445943	433568	433452	437654	1.64	cps
Calcium	44-1	7322631	7234725	7187214	7248190	0.95	cps
Chromium	52-2	4804	4864	4771	4813	0.98	cps
Cobalt	59-2	1617	1627	1623	1622	0.31	cps
Copper	63-2	40944	41639	41432	41338	0.86	cps
Dysprosium	156-1	958	1233	1192	1128	13.14	cps
Dysprosium	156-2	547	553	533	544	1.87	cps
Erbium	164-1	1408	1467	1200	1358	10.32	cps
Erbium	164-2	597	647	677	640	6.31	cps
Gadolinium	160-1	1333	1225	1308	1289	4.40	cps
Gadolinium	160-2	773	677	687	712	7.46	cps
Holmium	165-1	24107743	23945188	23701796	23918242	0.85	cps
Holmium	165-2	11317702	11353566	11334635	11335301	0.16	cps
Indium	115-1	19761961	19562141	19324661	19549588	1.12	cps
Indium	115-2	3385690	3373400	3363436	3374175	0.33	cps
Iron	56-2	1259824	1281333	1265575	1268911	0.88	cps
Iron	57-2	32002	31457	32442	31967	1.54	cps
Lead	206-1	38897	38868	38278	38681	0.90	cps
Lead	207-1	32112	32513	32697	32440	0.92	cps
Lead	208-1	153692	151516	150053	151753	1.21	cps
Lithium	6-1	1917710	1913691	1899658	1910353	0.50	cps
Magnesium	24-2	772211	767431	757948	765863	0.95	cps
Manganese	55-2	59081	59292	59459	59278	0.32	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-03	Instrumnet Name :	P7
Client Sample ID :	MBDXK8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:01:21	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6339	5335	5009	5561	12.46	cps
Molybdenum	95-1	5335	6127	5860	5774	6.98	cps
Molybdenum	96-1	6493	6202	5952	6216	4.36	cps
Molybdenum	97-1	3442	3392	3792	3542	6.15	cps
Molybdenum	98-1	9253	9278	8728	9087	3.42	cps
Neodymium	150-1	1527	1580	1594	1567	2.25	cps
Neodymium	150-2	470	517	543	510	7.28	cps
Nickel	60-2	1897	2000	1850	1916	4.01	cps
Phosphorus	31-2	708	667	750	708	5.88	cps
Potassium	39-2	419972	416774	411576	416107	1.02	cps
Rhodium	103-1	17548017	17308340	17246478	17367612	0.92	cps
Rhodium	103-2	7924361	7888758	7895606	7902908	0.24	cps
Scandium	45-1	11145039	11008185	10896258	11016494	1.13	cps
Scandium	45-2	435255	434982	435458	435232	0.05	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	61	61	59	60	1.77	cps
Selenium	82-1	110	93	105	103	8.54	cps
Silicon	28-1	19303119	19055119	19032526	19130255	0.78	cps
Silver	109-1	6285	7094	7652	7010	9.81	cps
Silver	107-1	6702	7336	7953	7330	8.53	cps
Sodium	23-2	10888664	10828833	10794429	10837309	0.44	cps
Strontium	86-1	173823	173555	173613	173663	0.08	cps
Strontium	88-1	1523979	1497800	1494928	1505569	1.06	cps
Sulfur	34-1	402748	401649	397199	400532	0.73	cps
Terbium	159-1	24611736	24645111	24433705	24563517	0.46	cps
Terbium	159-2	11252377	11236294	11235534	11241402	0.08	cps
Thallium	203-1	533	592	592	572	5.89	cps
Thallium	205-1	1584	1475	1542	1534	3.56	cps
Tin	118-1	7411	8220	7811	7814	5.18	cps
Titanium	47-1	14016	13724	13498	13746	1.89	cps
Uranium	238-1	3576	3726	3709	3670	2.24	cps
Vanadium	51-2	7969	7642	7962	7858	2.38	cps
Yttrium	89-1	19493455	19306991	19220857	19340434	0.72	cps
Yttrium	89-2	2478638	2481566	2482496	2480900	0.08	cps
Zinc	66-2	24083	24080	23806	23990	0.66	cps
Zirconium	90-1	4884	5426	7308	5873	21.66	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-03	Instrumnet Name :	P7
Client Sample ID :	MBDXK8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:01:21	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1083	1225	1217	1175	6.77	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-04	Instrumnet Name :	P7
Client Sample ID :	MBDXL2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:04:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25439	26637	25156	25744	3.05	cps
Antimony	121-1	7536	7002	7486	7341	4.01	cps
Arsenic	75-2	235	176	222	211	14.76	cps
Barium	135-1	175723	171934	171351	173003	1.37	cps
Barium	137-1	308238	305893	304250	306127	0.65	cps
Beryllium	9-1	150	67	100	106	39.73	cps
Bismuth	209-1	15474313	15296098	15241903	15337438	0.79	cps
Bismuth	209-2	8483384	8510227	8462173	8485261	0.28	cps
Boron	10-1	20590	21391	20732	20904	2.04	cps
Boron	11-1	104258	105810	110031	106699	2.80	cps
Cadmium	111-1	3834	3790	3880	3835	1.17	cps
Cadmium	106-1	5026	4926	5084	5012	1.60	cps
Cadmium	108-1	67	29	29	42	51.96	cps
Calcium	43-1	1952151	1958166	1932983	1947767	0.68	cps
Calcium	44-1	32002724	31675131	31577122	31751659	0.70	cps
Chromium	52-2	3120	3124	2994	3079	2.41	cps
Cobalt	59-2	1880	1937	1893	1903	1.56	cps
Copper	63-2	34137	34528	34892	34519	1.09	cps
Dysprosium	156-1	1442	1108	1417	1322	14.04	cps
Dysprosium	156-2	567	817	627	670	19.48	cps
Erbium	164-1	1317	1509	1408	1411	6.79	cps
Erbium	164-2	773	700	763	746	5.33	cps
Gadolinium	160-1	1508	1450	1534	1497	2.86	cps
Gadolinium	160-2	787	833	817	812	2.91	cps
Holmium	165-1	23735164	23758896	23568421	23687493	0.44	cps
Holmium	165-2	11296311	11256312	11223712	11258778	0.32	cps
Indium	115-1	19206649	19049205	18950436	19068764	0.68	cps
Indium	115-2	3303369	3306732	3290102	3300068	0.27	cps
Iron	56-2	1014535	1019778	1002827	1012380	0.86	cps
Iron	57-2	28467	27738	28161	28122	1.30	cps
Lead	206-1	107638	105358	104373	105790	1.58	cps
Lead	207-1	91486	88302	89276	89688	1.82	cps
Lead	208-1	421088	414274	415517	416960	0.87	cps
Lithium	6-1	1876430	1864574	1840777	1860594	0.98	cps
Magnesium	24-2	4085181	4055723	4054121	4065008	0.43	cps
Manganese	55-2	51209	51440	50758	51135	0.68	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-04	Instrumnet Name :	P7
Client Sample ID :	MBDXL2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:04:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5751	5501	5635	5629	2.22	cps
Molybdenum	95-1	7002	6902	7002	6969	0.83	cps
Molybdenum	96-1	7686	7577	7469	7577	1.43	cps
Molybdenum	97-1	4142	4693	4501	4445	6.28	cps
Molybdenum	98-1	11030	11747	11296	11358	3.19	cps
Neodymium	150-1	1754	1854	1787	1798	2.83	cps
Neodymium	150-2	707	717	680	701	2.70	cps
Nickel	60-2	1870	1717	1683	1757	5.67	cps
Phosphorus	31-2	442	458	542	481	11.15	cps
Potassium	39-2	1112034	1110901	1090024	1104320	1.12	cps
Rhodium	103-1	17062375	16872920	16788586	16907960	0.83	cps
Rhodium	103-2	7746159	7686405	7679875	7704146	0.47	cps
Scandium	45-1	10756776	10694475	10687387	10712879	0.36	cps
Scandium	45-2	424640	423688	421967	423432	0.32	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	59	54	76	63	18.37	cps
Selenium	82-1	3	16	135	51	142.24	cps
Silicon	28-1	46320229	46384482	46037482	46247398	0.40	cps
Silver	109-1	5418	6452	7035	6302	13.00	cps
Silver	107-1	6485	6502	6827	6605	2.92	cps
Sodium	23-2	6606466	6580701	6522929	6570032	0.65	cps
Strontium	86-1	504810	495987	495623	498807	1.04	cps
Strontium	88-1	4403890	4338075	4334259	4358741	0.90	cps
Sulfur	34-1	597218	593520	597029	595922	0.35	cps
Terbium	159-1	24319455	24345149	24071438	24245347	0.62	cps
Terbium	159-2	11226646	11141559	11134762	11167656	0.46	cps
Thallium	203-1	350	317	392	353	10.65	cps
Thallium	205-1	1142	817	975	978	16.62	cps
Tin	118-1	6785	6552	6252	6530	4.10	cps
Titanium	47-1	15001	14483	15068	14851	2.16	cps
Uranium	238-1	23096	23722	23063	23294	1.59	cps
Vanadium	51-2	5448	5431	5524	5468	0.91	cps
Yttrium	89-1	19158161	19028326	18824328	19003605	0.89	cps
Yttrium	89-2	2441293	2448265	2422910	2437489	0.54	cps
Zinc	66-2	13860	14634	13723	14073	3.49	cps
Zirconium	90-1	5643	5685	5376	5568	3.01	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-04	Instrumnet Name :	P7
Client Sample ID :	MBDXL2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:04:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1208	1142	1200	1183	3.07	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-05	Instrumnet Name :	P7
Client Sample ID :	MBDXL6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:08:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9113	9155	8020	8762	7.34	cps
Antimony	121-1	6360	5585	5760	5902	6.89	cps
Arsenic	75-2	189	169	180	179	5.70	cps
Barium	135-1	163021	163069	161847	162646	0.43	cps
Barium	137-1	293606	286433	284528	288189	1.66	cps
Beryllium	9-1	122	72	72	89	32.48	cps
Bismuth	209-1	15279739	15337017	15156055	15257604	0.61	cps
Bismuth	209-2	8461398	8455314	8408822	8441845	0.34	cps
Boron	10-1	20122	19939	20306	20122	0.91	cps
Boron	11-1	99760	102605	103738	102034	2.01	cps
Cadmium	111-1	3734	3750	3566	3683	2.77	cps
Cadmium	106-1	4901	4993	4701	4865	3.07	cps
Cadmium	108-1	25	29	42	32	27.15	cps
Calcium	43-1	1842993	1829019	1808000	1826671	0.96	cps
Calcium	44-1	29995868	29862776	29934204	29930949	0.22	cps
Chromium	52-2	2250	2444	2320	2338	4.19	cps
Cobalt	59-2	1103	1190	1043	1112	6.63	cps
Copper	63-2	30950	31534	30642	31042	1.46	cps
Dysprosium	156-1	433	383	375	397	7.94	cps
Dysprosium	156-2	170	247	190	202	19.67	cps
Erbium	164-1	525	500	583	536	7.98	cps
Erbium	164-2	253	217	253	241	8.78	cps
Gadolinium	160-1	450	692	517	553	22.58	cps
Gadolinium	160-2	287	357	320	321	10.91	cps
Holmium	165-1	23567588	23406173	23275569	23416443	0.62	cps
Holmium	165-2	11172273	11072682	11151694	11132217	0.47	cps
Indium	115-1	19114716	18975503	18821697	18970638	0.77	cps
Indium	115-2	3261388	3245045	3254098	3253511	0.25	cps
Iron	56-2	357140	359271	360022	358811	0.42	cps
Iron	57-2	11155	11483	11282	11307	1.46	cps
Lead	206-1	103550	103017	101602	102723	0.98	cps
Lead	207-1	86687	84031	84970	85229	1.58	cps
Lead	208-1	406834	399412	399766	402004	1.04	cps
Lithium	6-1	1814601	1815327	1810845	1813591	0.13	cps
Magnesium	24-2	3820726	3830469	3811380	3820858	0.25	cps
Manganese	55-2	28104	28110	28388	28201	0.57	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-05	Instrumnet Name :	P7
Client Sample ID :	MBDXL6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:08:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6411	5276	5935	5874	9.70	cps
Molybdenum	95-1	6885	6960	6910	6919	0.55	cps
Molybdenum	96-1	7677	7352	7494	7508	2.17	cps
Molybdenum	97-1	4234	4243	4226	4234	0.20	cps
Molybdenum	98-1	11889	11255	11747	11630	2.86	cps
Neodymium	150-1	560	660	493	571	14.69	cps
Neodymium	150-2	240	200	173	204	16.41	cps
Nickel	60-2	1477	1397	1533	1469	4.67	cps
Phosphorus	31-2	583	433	667	561	21.07	cps
Potassium	39-2	1049437	1045256	1040868	1045187	0.41	cps
Rhodium	103-1	16780729	16725120	16613832	16706560	0.51	cps
Rhodium	103-2	7597698	7609479	7588286	7598488	0.14	cps
Scandium	45-1	10663677	10566921	10458447	10563015	0.97	cps
Scandium	45-2	413783	417659	414321	415255	0.51	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	50	33	57	47	26.29	cps
Selenium	82-1	54	-53	74	25	271.28	cps
Silicon	28-1	43028215	42360601	42542598	42643804	0.81	cps
Silver	109-1	5084	5535	6110	5576	9.22	cps
Silver	107-1	5543	6052	6085	5893	5.15	cps
Sodium	23-2	6281047	6203213	6155902	6213387	1.02	cps
Strontium	86-1	471939	471254	466969	470054	0.57	cps
Strontium	88-1	4132591	4073245	4072946	4092927	0.84	cps
Sulfur	34-1	573910	567434	565575	568973	0.77	cps
Terbium	159-1	24129455	24048880	23991964	24056766	0.29	cps
Terbium	159-2	11039196	11034944	11008053	11027398	0.15	cps
Thallium	203-1	317	367	258	314	17.27	cps
Thallium	205-1	900	808	792	833	7.00	cps
Tin	118-1	6994	6569	6635	6733	3.40	cps
Titanium	47-1	6864	5051	4326	5414	24.15	cps
Uranium	238-1	21635	21443	20408	21162	3.12	cps
Vanadium	51-2	4327	4527	4421	4425	2.26	cps
Yttrium	89-1	18907430	18712403	18604571	18741468	0.82	cps
Yttrium	89-2	2393690	2412842	2376958	2394497	0.75	cps
Zinc	66-2	11518	11802	11972	11764	1.95	cps
Zirconium	90-1	4176	4659	4568	4468	5.75	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-05	Instrumnet Name :	P7
Client Sample ID :	MBDXL6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:08:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	983	1008	1008	1000	1.44	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-08	Instrumnet Name :	P7
Client Sample ID :	MBDY44	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:11:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	83	125	92	32.78	cps
Antimony	121-1	650	758	817	742	11.40	cps
Arsenic	75-2	11	24	20	19	36.05	cps
Barium	135-1	183	192	175	183	4.55	cps
Barium	137-1	392	225	367	328	27.42	cps
Beryllium	9-1	44	50	72	56	26.45	cps
Bismuth	209-1	15260751	15099394	15089541	15149895	0.63	cps
Bismuth	209-2	8557652	8470383	8468687	8498908	0.60	cps
Boron	10-1	1300	1400	1183	1295	8.38	cps
Boron	11-1	7069	6885	6360	6771	5.43	cps
Cadmium	111-1	3632	3585	3492	3570	1.98	cps
Cadmium	106-1	5101	5059	4934	5032	1.72	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	1483	1225	1442	1383	10.03	cps
Calcium	44-1	72202	72511	71749	72154	0.53	cps
Chromium	52-2	937	1010	1003	983	4.12	cps
Cobalt	59-2	97	87	97	93	6.19	cps
Copper	63-2	3951	3587	3631	3723	5.33	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	20	10	0	10	100.00	cps
Erbium	164-1	50	75	92	72	29.04	cps
Erbium	164-2	50	50	33	44	21.66	cps
Gadolinium	160-1	133	67	192	131	47.91	cps
Gadolinium	160-2	143	117	120	127	11.47	cps
Holmium	165-1	23096050	23004061	22809628	22969913	0.64	cps
Holmium	165-2	11134594	11149948	11055372	11113305	0.46	cps
Indium	115-1	18830429	18637364	18456056	18641283	1.00	cps
Indium	115-2	3288277	3263731	3257942	3269983	0.49	cps
Iron	56-2	7091	6746	6574	6804	3.87	cps
Iron	57-2	256	239	289	261	9.75	cps
Lead	206-1	1972	1884	1934	1930	2.31	cps
Lead	207-1	1667	1717	1728	1704	1.91	cps
Lead	208-1	7901	7818	7668	7796	1.52	cps
Lithium	6-1	1781702	1769121	1740649	1763824	1.19	cps
Magnesium	24-2	2434	2300	2292	2342	3.40	cps
Manganese	55-2	63	93	77	78	19.33	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-08	Instrumnet Name :	P7
Client Sample ID :	MBDY44	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:11:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	508	542	506	7.43	cps
Molybdenum	95-1	258	325	317	300	12.11	cps
Molybdenum	96-1	425	375	367	389	8.11	cps
Molybdenum	97-1	200	167	167	178	10.83	cps
Molybdenum	98-1	442	558	383	461	19.33	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	290	240	280	12.88	cps
Phosphorus	31-2	142	150	192	161	16.63	cps
Potassium	39-2	21157	21400	22468	21675	3.22	cps
Rhodium	103-1	16898270	16845654	16798992	16847638	0.29	cps
Rhodium	103-2	7738697	7760537	7703961	7734398	0.37	cps
Scandium	45-1	10423573	10299783	10319235	10347530	0.64	cps
Scandium	45-2	414017	410432	409375	411275	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	65	59	64	7.26	cps
Selenium	82-1	99	-55	-11	11	709.57	cps
Silicon	28-1	201547	199024	201019	200530	0.66	cps
Silver	109-1	1784	1800	1667	1750	4.15	cps
Silver	107-1	1884	2084	1917	1961	5.46	cps
Sodium	23-2	36721	36587	36629	36646	0.19	cps
Strontium	86-1	908	758	767	811	10.39	cps
Strontium	88-1	783	908	1142	945	19.26	cps
Sulfur	34-1	261752	263083	262058	262298	0.27	cps
Terbium	159-1	23864732	23638759	23495589	23666360	0.79	cps
Terbium	159-2	11051955	11003785	10949535	11001758	0.47	cps
Thallium	203-1	192	217	200	203	6.28	cps
Thallium	205-1	425	400	467	431	7.82	cps
Tin	118-1	633	558	675	622	9.50	cps
Titanium	47-1	233	142	183	186	24.66	cps
Uranium	238-1	200	317	308	275	23.67	cps
Vanadium	51-2	17	20	23	20	16.65	cps
Yttrium	89-1	18579561	18396434	18381754	18452583	0.60	cps
Yttrium	89-2	2424876	2391260	2399784	2405307	0.73	cps
Zinc	66-2	4071	4277	4384	4244	3.75	cps
Zirconium	90-1	1150	942	925	1006	12.47	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-08	Instrumnet Name :	P7
Client Sample ID :	MBDY44	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:11:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	300	175	222	30.54	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-09	Instrumnet Name :	P7
Client Sample ID :	MBDXL3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:15:27	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25373	24788	24815	24992	1.32	cps
Antimony	121-1	15718	13982	12965	14222	9.79	cps
Arsenic	75-2	415	483	485	461	8.70	cps
Barium	135-1	178137	177053	175494	176895	0.75	cps
Barium	137-1	314058	311224	308598	311293	0.88	cps
Beryllium	9-1	150	183	94	143	31.49	cps
Bismuth	209-1	15535738	15304081	15293832	15377884	0.89	cps
Bismuth	209-2	8355301	8248593	8237382	8280425	0.79	cps
Boron	10-1	23703	24329	24362	24131	1.54	cps
Boron	11-1	121906	123299	123736	122980	0.78	cps
Cadmium	111-1	4040	3795	3581	3805	6.04	cps
Cadmium	106-1	4951	4693	4159	4601	8.78	cps
Cadmium	108-1	67	75	50	64	19.92	cps
Calcium	43-1	1891618	1848319	1826797	1855578	1.78	cps
Calcium	44-1	30815788	30234589	30070948	30373775	1.29	cps
Chromium	52-2	4347	4391	4391	4376	0.57	cps
Cobalt	59-2	5645	5928	5831	5801	2.48	cps
Copper	63-2	44808	44581	43963	44451	0.98	cps
Dysprosium	156-1	2750	2717	2584	2684	3.29	cps
Dysprosium	156-2	1270	1303	1260	1278	1.78	cps
Erbium	164-1	2684	2692	2625	2667	1.36	cps
Erbium	164-2	1337	1363	1383	1361	1.72	cps
Gadolinium	160-1	3067	2625	2392	2695	12.72	cps
Gadolinium	160-2	1660	1520	1447	1542	7.03	cps
Holmium	165-1	23274701	23104739	23144318	23174586	0.38	cps
Holmium	165-2	10850679	10791730	10816631	10819680	0.27	cps
Indium	115-1	18598604	18462703	18408822	18490043	0.53	cps
Indium	115-2	3116250	3123087	3098093	3112477	0.42	cps
Iron	56-2	4209590	4215749	4202524	4209288	0.16	cps
Iron	57-2	107474	104961	106713	106383	1.21	cps
Lead	206-1	172565	169105	171075	170915	1.02	cps
Lead	207-1	144538	142034	142276	142949	0.97	cps
Lead	208-1	677275	664731	666813	669606	1.00	cps
Lithium	6-1	1807237	1794285	1792929	1798150	0.44	cps
Magnesium	24-2	3425640	3430372	3421187	3425733	0.13	cps
Manganese	55-2	512143	511600	506062	509935	0.66	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-09	Instrumnet Name :	P7
Client Sample ID :	MBDXL3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:15:27	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4793	4918	5226	4979	4.48	cps
Molybdenum	95-1	5193	5001	4593	4929	6.22	cps
Molybdenum	96-1	5785	6310	5435	5843	7.54	cps
Molybdenum	97-1	3192	3042	2934	3056	4.25	cps
Molybdenum	98-1	7861	7752	8194	7936	2.90	cps
Neodymium	150-1	3434	3414	3481	3443	0.99	cps
Neodymium	150-2	1310	1237	1310	1286	3.29	cps
Nickel	60-2	3270	3591	3624	3495	5.58	cps
Phosphorus	31-2	550	642	633	608	8.33	cps
Potassium	39-2	844907	837980	839738	840875	0.43	cps
Rhodium	103-1	16340671	16324910	16187218	16284266	0.52	cps
Rhodium	103-2	7348895	7314610	7308406	7323971	0.30	cps
Scandium	45-1	10280816	10156621	10142287	10193241	0.75	cps
Scandium	45-2	393990	391739	387797	391175	0.80	cps
Selenium	77-2	0	10	10	7	86.60	cps
Selenium	78-2	85	59	85	77	19.56	cps
Selenium	82-1	93	53	61	69	30.58	cps
Silicon	28-1	54551735	53441460	53278319	53757171	1.29	cps
Silver	109-1	7235	8094	9304	8211	12.65	cps
Silver	107-1	7452	8828	9445	8575	11.90	cps
Sodium	23-2	11122226	11038855	10924695	11028592	0.90	cps
Strontium	86-1	684098	680030	673251	679126	0.81	cps
Strontium	88-1	6000581	5971687	5922773	5965013	0.66	cps
Sulfur	34-1	890366	879414	867997	879259	1.27	cps
Terbium	159-1	23851671	23671374	23654670	23725905	0.46	cps
Terbium	159-2	10675718	10662337	10629508	10655854	0.22	cps
Thallium	203-1	492	408	350	417	17.09	cps
Thallium	205-1	917	825	967	903	7.96	cps
Tin	118-1	9203	8962	9370	9178	2.24	cps
Titanium	47-1	14357	15618	16485	15487	6.91	cps
Uranium	238-1	18314	17855	17387	17852	2.59	cps
Vanadium	51-2	9423	8926	9303	9217	2.81	cps
Yttrium	89-1	18545929	18411391	18252405	18403242	0.80	cps
Yttrium	89-2	2286349	2266618	2269230	2274066	0.47	cps
Zinc	66-2	52517	52852	52256	52542	0.57	cps
Zirconium	90-1	8162	5927	5860	6649	19.70	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-09	Instrumnet Name :	P7
Client Sample ID :	MBDXL3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:15:27	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1275	1342	1283	1300	2.79	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10	Instrumnet Name :	P7
Client Sample ID :	MBDXL4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:18:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21868	23455	22286	22536	3.65	cps
Antimony	121-1	10821	10946	9987	10585	4.93	cps
Arsenic	75-2	513	443	511	489	8.20	cps
Barium	135-1	178953	180626	177688	179089	0.82	cps
Barium	137-1	319274	313504	310567	314448	1.41	cps
Beryllium	9-1	106	144	72	107	33.66	cps
Bismuth	209-1	15244868	15048724	14920863	15071485	1.08	cps
Bismuth	209-2	8222167	8136505	8155783	8171485	0.55	cps
Boron	10-1	23853	24112	23594	23853	1.08	cps
Boron	11-1	118612	124331	124232	122392	2.67	cps
Cadmium	111-1	3965	3945	3944	3951	0.29	cps
Cadmium	106-1	4776	4868	4768	4804	1.16	cps
Cadmium	108-1	71	71	79	74	6.53	cps
Calcium	43-1	1936963	1913128	1908086	1919393	0.80	cps
Calcium	44-1	31692468	31485477	31285643	31487863	0.65	cps
Chromium	52-2	3814	3984	3727	3842	3.40	cps
Cobalt	59-2	6178	5738	6028	5981	3.74	cps
Copper	63-2	35968	35757	35814	35846	0.30	cps
Dysprosium	156-1	2042	2309	1867	2072	10.73	cps
Dysprosium	156-2	1107	890	863	953	14.00	cps
Erbium	164-1	2192	2434	2325	2317	5.23	cps
Erbium	164-2	977	963	970	970	0.69	cps
Gadolinium	160-1	2125	2192	2000	2106	4.62	cps
Gadolinium	160-2	1343	1220	1200	1255	6.19	cps
Holmium	165-1	23277868	23012001	22691856	22993908	1.28	cps
Holmium	165-2	10863986	10840883	10786467	10830445	0.37	cps
Indium	115-1	18459715	18294775	18247581	18334024	0.61	cps
Indium	115-2	3113738	3096153	3089059	3099650	0.41	cps
Iron	56-2	4685707	4681590	4671884	4679727	0.15	cps
Iron	57-2	117949	118834	117534	118105	0.56	cps
Lead	206-1	148693	145358	143807	145953	1.71	cps
Lead	207-1	122594	122409	119213	121405	1.57	cps
Lead	208-1	579943	570919	564852	571905	1.33	cps
Lithium	6-1	1755154	1752568	1728444	1745389	0.84	cps
Magnesium	24-2	3570676	3554290	3572244	3565737	0.28	cps
Manganese	55-2	644651	640694	639348	641565	0.43	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10	Instrumnet Name :	P7
Client Sample ID :	MBDXL4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:18:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5360	5451	5568	5460	1.91	cps
Molybdenum	95-1	6002	6243	6652	6299	5.22	cps
Molybdenum	96-1	6869	6960	7477	7102	4.62	cps
Molybdenum	97-1	4117	3859	3784	3920	4.46	cps
Molybdenum	98-1	10529	10187	10379	10365	1.65	cps
Neodymium	150-1	2894	2660	2640	2731	5.16	cps
Neodymium	150-2	920	950	923	931	1.77	cps
Nickel	60-2	3234	3237	3214	3228	0.39	cps
Phosphorus	31-2	642	608	633	628	2.76	cps
Potassium	39-2	767691	778406	773204	773100	0.69	cps
Rhodium	103-1	16326106	16236144	16085011	16215754	0.75	cps
Rhodium	103-2	7351841	7311345	7278941	7314042	0.50	cps
Scandium	45-1	10039071	9990901	9844197	9958056	1.02	cps
Scandium	45-2	388614	383065	383332	385004	0.81	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	63	59	59	60	3.53	cps
Selenium	82-1	95	114	94	101	11.22	cps
Silicon	28-1	57222622	56897078	56114089	56744596	1.00	cps
Silver	109-1	5126	5643	5568	5446	5.13	cps
Silver	107-1	5268	5343	5976	5529	7.04	cps
Sodium	23-2	10486743	10479491	10438564	10468266	0.25	cps
Strontium	86-1	695262	685616	682375	687751	0.97	cps
Strontium	88-1	6102566	6076652	6076199	6085139	0.25	cps
Sulfur	34-1	775866	772975	764186	771009	0.79	cps
Terbium	159-1	23900639	23580292	23586871	23689267	0.77	cps
Terbium	159-2	10756963	10669638	10666865	10697822	0.48	cps
Thallium	203-1	200	225	292	239	19.84	cps
Thallium	205-1	617	800	758	725	13.26	cps
Tin	118-1	6368	6377	6093	6279	2.57	cps
Titanium	47-1	14893	15739	12656	14429	11.04	cps
Uranium	238-1	18940	19056	18330	18776	2.08	cps
Vanadium	51-2	9086	9153	8950	9063	1.14	cps
Yttrium	89-1	18377283	18224572	18110697	18237517	0.73	cps
Yttrium	89-2	2274314	2264208	2268147	2268890	0.22	cps
Zinc	66-2	43715	44110	44916	44247	1.38	cps
Zirconium	90-1	5810	5710	6085	5868	3.31	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10	Instrumnet Name :	P7
Client Sample ID :	MBDXL4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:18:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1392	1283	1425	1367	5.42	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-13	Instrumnet Name :	P7
Client Sample ID :	MBDXL4D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:22:30	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22402	23457	20927	22262	5.71	cps
Antimony	121-1	9904	9812	9562	9759	1.81	cps
Arsenic	75-2	478	544	478	500	7.70	cps
Barium	135-1	177164	176312	175215	176230	0.55	cps
Barium	137-1	313574	307557	307932	309688	1.09	cps
Beryllium	9-1	111	139	128	126	11.10	cps
Bismuth	209-1	14958092	14895269	14715749	14856370	0.85	cps
Bismuth	209-2	8134113	8060235	8077719	8090689	0.48	cps
Boron	10-1	23202	23360	24128	23564	2.10	cps
Boron	11-1	118755	119503	122206	120155	1.51	cps
Cadmium	111-1	3635	3980	3791	3802	4.55	cps
Cadmium	106-1	4426	4793	4551	4590	4.06	cps
Cadmium	108-1	67	42	88	65	35.15	cps
Calcium	43-1	1899774	1890256	1853209	1881080	1.31	cps
Calcium	44-1	31035855	30905326	30523655	30821612	0.86	cps
Chromium	52-2	3857	3741	3677	3758	2.43	cps
Cobalt	59-2	5781	5675	5701	5719	0.97	cps
Copper	63-2	34748	34578	34571	34632	0.29	cps
Dysprosium	156-1	2134	2009	2142	2095	3.57	cps
Dysprosium	156-2	1037	880	947	955	8.24	cps
Erbium	164-1	2175	2325	2150	2217	4.27	cps
Erbium	164-2	927	1007	1010	981	4.81	cps
Gadolinium	160-1	2100	2109	2042	2084	1.74	cps
Gadolinium	160-2	1150	1053	1223	1142	7.47	cps
Holmium	165-1	22805512	22723468	22544661	22691214	0.59	cps
Holmium	165-2	10742216	10637725	10649919	10676620	0.54	cps
Indium	115-1	18184938	18016746	17831316	18011000	0.98	cps
Indium	115-2	3019354	3031434	3050422	3033737	0.52	cps
Iron	56-2	4588533	4592021	4566156	4582237	0.31	cps
Iron	57-2	115002	115282	114236	114840	0.47	cps
Lead	206-1	144184	145807	144571	144854	0.58	cps
Lead	207-1	121394	119578	119459	120144	0.90	cps
Lead	208-1	565466	567370	559784	564207	0.70	cps
Lithium	6-1	1726640	1723715	1699581	1716645	0.87	cps
Magnesium	24-2	3518341	3466955	3473136	3486144	0.80	cps
Manganese	55-2	624457	628344	630649	627816	0.50	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-13	Instrumnet Name :	P7
Client Sample ID :	MBDXL4D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:22:30	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5938	5076	5810	5608	8.29	cps
Molybdenum	95-1	6327	6318	6060	6235	2.43	cps
Molybdenum	96-1	6910	7319	6919	7049	3.31	cps
Molybdenum	97-1	3567	4017	3609	3731	6.67	cps
Molybdenum	98-1	9971	10196	10479	10215	2.50	cps
Neodymium	150-1	2600	2474	2494	2523	2.70	cps
Neodymium	150-2	1077	943	1000	1007	6.65	cps
Nickel	60-2	3140	3034	3237	3137	3.24	cps
Phosphorus	31-2	658	550	558	589	10.24	cps
Potassium	39-2	759143	754320	756059	756507	0.32	cps
Rhodium	103-1	16078685	15872468	15713500	15888218	1.15	cps
Rhodium	103-2	7205350	7141731	7116988	7154689	0.64	cps
Scandium	45-1	9857975	9710526	9620302	9729601	1.23	cps
Scandium	45-2	378635	374778	377578	376997	0.53	cps
Selenium	77-2	13	7	10	10	33.30	cps
Selenium	78-2	63	43	54	53	19.21	cps
Selenium	82-1	35	54	60	50	26.91	cps
Silicon	28-1	55436253	54879976	54722560	55012930	0.68	cps
Silver	109-1	4134	4268	4376	4259	2.84	cps
Silver	107-1	4151	5109	5368	4876	13.15	cps
Sodium	23-2	10333996	10202795	10208615	10248469	0.72	cps
Strontium	86-1	684243	676734	670904	677293	0.99	cps
Strontium	88-1	6000775	5943184	5940411	5961457	0.57	cps
Sulfur	34-1	749138	744172	738065	743792	0.75	cps
Terbium	159-1	23440342	23322413	23094324	23285693	0.76	cps
Terbium	159-2	10575606	10493108	10565050	10544588	0.43	cps
Thallium	203-1	300	233	192	242	22.61	cps
Thallium	205-1	558	600	550	569	4.70	cps
Tin	118-1	6377	6544	7382	6767	7.96	cps
Titanium	47-1	13324	13440	15387	14050	8.25	cps
Uranium	238-1	19048	18773	18580	18800	1.25	cps
Vanadium	51-2	8950	8496	8799	8748	2.64	cps
Yttrium	89-1	17972586	17783461	17705984	17820677	0.77	cps
Yttrium	89-2	2226883	2211693	2233153	2223910	0.50	cps
Zinc	66-2	42836	42472	42525	42611	0.46	cps
Zirconium	90-1	7082	4734	5143	5653	22.19	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-13	Instrumnet Name :	P7
Client Sample ID :	MBDXL4D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:22:30	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1409	1200	1200	1270	9.48	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXL4L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:26:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4042	4159	4227	4143	2.25	cps
Antimony	121-1	2075	1809	1875	1920	7.23	cps
Arsenic	75-2	83	124	111	106	19.61	cps
Barium	135-1	30835	30668	29641	30382	2.13	cps
Barium	137-1	53831	53220	52718	53256	1.05	cps
Beryllium	9-1	78	56	67	67	16.66	cps
Bismuth	209-1	13558305	13617114	13526313	13567244	0.34	cps
Bismuth	209-2	7618816	7614174	7585358	7606116	0.24	cps
Boron	10-1	5260	5318	5426	5335	1.59	cps
Boron	11-1	28929	28419	29146	28831	1.29	cps
Cadmium	111-1	3037	2971	2923	2977	1.91	cps
Cadmium	106-1	4176	4092	4001	4090	2.14	cps
Cadmium	108-1	4	8	21	11	78.05	cps
Calcium	43-1	326474	324613	320387	323825	0.96	cps
Calcium	44-1	5374069	5369616	5358509	5367398	0.15	cps
Chromium	52-2	2077	2044	2134	2085	2.18	cps
Cobalt	59-2	1057	1043	1137	1079	4.68	cps
Copper	63-2	10697	10347	10357	10467	1.91	cps
Dysprosium	156-1	350	258	267	292	17.38	cps
Dysprosium	156-2	180	167	140	162	12.56	cps
Erbium	164-1	483	467	367	439	14.38	cps
Erbium	164-2	207	213	180	200	8.82	cps
Gadolinium	160-1	458	508	475	481	5.30	cps
Gadolinium	160-2	263	337	297	299	12.29	cps
Holmium	165-1	20407725	20442974	20217201	20355967	0.60	cps
Holmium	165-2	9869253	9976554	9916471	9920760	0.54	cps
Indium	115-1	16275923	16268113	16280878	16274971	0.04	cps
Indium	115-2	2843278	2837738	2846464	2842493	0.16	cps
Iron	56-2	813319	820867	815654	816614	0.47	cps
Iron	57-2	21683	21205	20943	21277	1.76	cps
Lead	206-1	26488	26160	25224	25957	2.53	cps
Lead	207-1	22141	21846	21930	21972	0.69	cps
Lead	208-1	102555	102373	102302	102410	0.13	cps
Lithium	6-1	1521284	1515878	1517431	1518198	0.18	cps
Magnesium	24-2	608366	619342	613242	613650	0.90	cps
Manganese	55-2	112405	110746	112197	111783	0.81	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXL4L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:26:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1450	1242	1500	1397	9.81	cps
Molybdenum	95-1	1308	1258	1375	1314	4.45	cps
Molybdenum	96-1	1450	1458	1583	1497	4.99	cps
Molybdenum	97-1	842	1042	908	931	10.94	cps
Molybdenum	98-1	1884	1809	2234	1975	11.49	cps
Neodymium	150-1	580	487	487	518	10.41	cps
Neodymium	150-2	183	173	180	179	2.85	cps
Nickel	60-2	727	803	717	749	6.33	cps
Phosphorus	31-2	258	200	300	253	19.87	cps
Potassium	39-2	151086	152586	150438	151370	0.73	cps
Rhodium	103-1	14669714	14602365	14452108	14574729	0.76	cps
Rhodium	103-2	6729656	6732838	6711046	6724513	0.18	cps
Scandium	45-1	8799656	8793414	8767917	8786996	0.19	cps
Scandium	45-2	351438	348426	350439	350101	0.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	80	54	67	19.45	cps
Selenium	82-1	26	18	94	46	91.86	cps
Silicon	28-1	9782342	9624285	9616231	9674286	0.97	cps
Silver	109-1	1950	1934	1909	1931	1.09	cps
Silver	107-1	2017	2275	2025	2106	6.97	cps
Sodium	23-2	1788029	1801872	1801208	1797036	0.43	cps
Strontium	86-1	117084	116940	117243	117089	0.13	cps
Strontium	88-1	1004301	1004769	1010424	1006498	0.34	cps
Sulfur	34-1	329128	324276	320888	324764	1.28	cps
Terbium	159-1	20937015	20934322	20806206	20892514	0.36	cps
Terbium	159-2	9750763	9804846	9786699	9780769	0.28	cps
Thallium	203-1	167	208	250	208	20.00	cps
Thallium	205-1	467	383	358	403	14.08	cps
Tin	118-1	1617	1650	1817	1695	6.32	cps
Titanium	47-1	2317	2392	2834	2514	11.12	cps
Uranium	238-1	3609	3309	3601	3506	4.87	cps
Vanadium	51-2	1583	1580	1587	1583	0.21	cps
Yttrium	89-1	16137676	15990629	15999237	16042514	0.51	cps
Yttrium	89-2	2065747	2066474	2066375	2066199	0.02	cps
Zinc	66-2	10781	10908	10561	10750	1.63	cps
Zirconium	90-1	1884	1792	1784	1820	3.05	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-10LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXL4L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:26:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	458	325	383	17.80	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-14	Instrumnet Name :	P7
Client Sample ID :	MBDXL4S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:29:34	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	198957	201390	199577	199975	0.63	cps
Antimony	121-1	1396361	1392046	1369845	1386084	1.03	cps
Arsenic	75-2	16534	16270	15853	16219	2.12	cps
Barium	135-1	7041213	7032047	6906342	6993201	1.08	cps
Barium	137-1	12379409	12282286	12106004	12255900	1.13	cps
Beryllium	9-1	81334	79546	79401	80094	1.34	cps
Bismuth	209-1	14898516	14904609	14833459	14878861	0.27	cps
Bismuth	209-2	8072130	8076461	8055006	8067866	0.14	cps
Boron	10-1	21599	21967	21382	21650	1.36	cps
Boron	11-1	108522	110803	114338	111221	2.63	cps
Cadmium	111-1	166591	165227	162112	164643	1.39	cps
Cadmium	106-1	19038	18671	18530	18746	1.40	cps
Cadmium	108-1	10617	10500	10308	10475	1.49	cps
Calcium	43-1	1812037	1787965	1771475	1790492	1.14	cps
Calcium	44-1	29754417	29215774	29032473	29334221	1.28	cps
Chromium	52-2	669148	670998	668670	669606	0.18	cps
Cobalt	59-2	2903814	2892186	2883069	2893023	0.36	cps
Copper	63-2	1109993	1111167	1108982	1110047	0.10	cps
Dysprosium	156-1	2075	1850	2084	2003	6.61	cps
Dysprosium	156-2	1070	960	1023	1018	5.42	cps
Erbium	164-1	2300	2009	2317	2209	7.85	cps
Erbium	164-2	1033	1027	943	1001	5.01	cps
Gadolinium	160-1	1925	2109	2125	2053	5.41	cps
Gadolinium	160-2	1207	1233	1057	1166	8.17	cps
Holmium	165-1	22692489	22533712	22409710	22545304	0.63	cps
Holmium	165-2	10657003	10614683	10580951	10617546	0.36	cps
Indium	115-1	17927408	17728933	17682605	17779648	0.73	cps
Indium	115-2	2979230	2993661	2996448	2989780	0.31	cps
Iron	56-2	7289976	7313534	7253148	7285553	0.42	cps
Iron	57-2	178460	178994	179603	179019	0.32	cps
Lead	206-1	357754	355927	355422	356368	0.34	cps
Lead	207-1	315404	310934	310417	312251	0.88	cps
Lead	208-1	1440736	1434106	1422740	1432527	0.64	cps
Lithium	6-1	1692406	1682096	1664376	1679626	0.84	cps
Magnesium	24-2	3306524	3314996	3302394	3307971	0.19	cps
Manganese	55-2	1508647	1515470	1508178	1510765	0.27	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-14	Instrumnet Name :	P7
Client Sample ID :	MBDXL4S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:29:34	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5568	5551	5426	5515	1.40	cps
Molybdenum	95-1	6318	6860	5977	6385	6.98	cps
Molybdenum	96-1	6944	6952	7261	7052	2.56	cps
Molybdenum	97-1	3642	3867	3876	3795	3.49	cps
Molybdenum	98-1	10154	10137	9979	10090	0.96	cps
Neodymium	150-1	2734	2807	2827	2789	1.76	cps
Neodymium	150-2	1007	1043	977	1009	3.31	cps
Nickel	60-2	771971	769455	769326	770251	0.19	cps
Phosphorus	31-2	558	667	600	608	8.98	cps
Potassium	39-2	721934	719945	722343	721407	0.18	cps
Rhodium	103-1	15836480	15616460	15522440	15658460	1.03	cps
Rhodium	103-2	7082051	7068597	7050324	7066991	0.23	cps
Scandium	45-1	9625823	9537727	9432048	9531866	1.02	cps
Scandium	45-2	370814	370098	369148	370020	0.23	cps
Selenium	77-2	733	740	690	721	3.76	cps
Selenium	78-2	2669	2704	2526	2633	3.58	cps
Selenium	82-1	20096	20295	20057	20149	0.63	cps
Silicon	28-1	52771243	52132685	51698533	52200820	1.03	cps
Silver	109-1	815737	810378	807640	811252	0.51	cps
Silver	107-1	856063	848999	846273	850445	0.59	cps
Sodium	23-2	9768165	9652450	9652688	9691101	0.69	cps
Strontium	86-1	658626	649555	640090	649423	1.43	cps
Strontium	88-1	5744457	5707427	5692105	5714663	0.47	cps
Sulfur	34-1	717657	706017	704051	709242	1.04	cps
Terbium	159-1	23266775	23112342	22949501	23109539	0.69	cps
Terbium	159-2	10482904	10436802	10394689	10438132	0.42	cps
Thallium	203-1	678598	680005	672595	677066	0.58	cps
Thallium	205-1	1627840	1629050	1613966	1623619	0.52	cps
Tin	118-1	7186	6927	6819	6977	2.70	cps
Titanium	47-1	12656	12573	12222	12484	1.84	cps
Uranium	238-1	17879	18681	18055	18205	2.31	cps
Vanadium	51-2	1387941	1385962	1384184	1386029	0.14	cps
Yttrium	89-1	17736372	17657107	17464955	17619478	0.79	cps
Yttrium	89-2	2184346	2192488	2179275	2185369	0.31	cps
Zinc	66-2	330868	332012	329679	330853	0.35	cps
Zirconium	90-1	5310	5368	4993	5224	3.87	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-14	Instrumnet Name :	P7
Client Sample ID :	MBDXL4S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:29:34	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1342	1142	1242	1242	8.06	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-12	Instrumnet Name :	P7
Client Sample ID :	MBDY27	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:33:06	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1142	1042	1325	1170	12.29	cps
Antimony	121-1	758	767	767	764	0.63	cps
Arsenic	75-2	19	24	19	20	15.73	cps
Barium	135-1	767	792	733	764	3.83	cps
Barium	137-1	1100	1233	1467	1267	14.65	cps
Beryllium	9-1	89	83	67	80	14.52	cps
Bismuth	209-1	14590594	14519234	14406767	14505532	0.64	cps
Bismuth	209-2	8068642	8018134	8061141	8049306	0.34	cps
Boron	10-1	1542	1592	1475	1536	3.81	cps
Boron	11-1	8069	7152	7369	7530	6.37	cps
Cadmium	111-1	3018	2858	3204	3027	5.72	cps
Cadmium	106-1	4267	4017	4518	4267	5.86	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	2450	2667	2517	2545	4.36	cps
Calcium	44-1	80150	78299	80755	79735	1.60	cps
Chromium	52-2	1173	1137	1097	1136	3.38	cps
Cobalt	59-2	287	237	267	263	9.56	cps
Copper	63-2	3364	3677	3657	3566	4.92	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	42	100	83	75	40.06	cps
Erbium	164-2	40	40	43	41	4.68	cps
Gadolinium	160-1	108	142	183	144	26.01	cps
Gadolinium	160-2	103	123	123	117	9.90	cps
Holmium	165-1	21588388	21666056	21356593	21537012	0.75	cps
Holmium	165-2	10425200	10364260	10330360	10373274	0.46	cps
Indium	115-1	17291051	17257567	17081892	17210170	0.65	cps
Indium	115-2	2983415	2970366	2964755	2972845	0.32	cps
Iron	56-2	15097	14485	16319	15301	6.10	cps
Iron	57-2	400	439	461	433	7.14	cps
Lead	206-1	1934	2034	2106	2024	4.27	cps
Lead	207-1	1856	1711	1872	1813	4.89	cps
Lead	208-1	8240	7935	8401	8192	2.89	cps
Lithium	6-1	1619484	1599607	1585020	1601370	1.08	cps
Magnesium	24-2	2159	2084	2100	2114	1.86	cps
Manganese	55-2	633	500	497	543	14.35	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-12	Instrumnet Name :	P7
Client Sample ID :	MBDY27	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:33:06	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	492	433	489	11.09	cps
Molybdenum	95-1	250	175	208	211	17.80	cps
Molybdenum	96-1	267	283	283	278	3.46	cps
Molybdenum	97-1	167	83	117	122	34.32	cps
Molybdenum	98-1	408	400	358	389	6.89	cps
Neodymium	150-1	27	27	27	27	0.00	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	363	317	340	340	6.86	cps
Phosphorus	31-2	100	100	133	111	17.32	cps
Potassium	39-2	20164	20632	20139	20312	1.36	cps
Rhodium	103-1	15628013	15512145	15470138	15536765	0.53	cps
Rhodium	103-2	7103309	7070271	7110486	7094689	0.30	cps
Scandium	45-1	9218561	9185452	9085106	9163040	0.76	cps
Scandium	45-2	363948	359280	360861	361363	0.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	41	52	70	54	27.56	cps
Selenium	82-1	-45	-81	5	-40	-107.82	cps
Silicon	28-1	184661	176641	178849	180050	2.30	cps
Silver	109-1	1700	1442	1559	1567	8.26	cps
Silver	107-1	1675	1692	1917	1761	7.66	cps
Sodium	23-2	147528	145971	146719	146739	0.53	cps
Strontium	86-1	1225	1267	1275	1256	2.13	cps
Strontium	88-1	4526	4934	4451	4637	5.61	cps
Sulfur	34-1	216375	218588	219909	218290	0.82	cps
Terbium	159-1	22295548	22152440	22183593	22210527	0.34	cps
Terbium	159-2	10346810	10222729	10240765	10270102	0.65	cps
Thallium	203-1	208	158	258	208	24.00	cps
Thallium	205-1	525	442	467	478	8.95	cps
Tin	118-1	1923	917	1167	1335	39.22	cps
Titanium	47-1	183	183	183	183	0.00	cps
Uranium	238-1	183	100	192	158	32.02	cps
Vanadium	51-2	173	123	230	176	30.40	cps
Yttrium	89-1	17084674	17020022	16930546	17011747	0.45	cps
Yttrium	89-2	2154298	2149805	2150563	2151555	0.11	cps
Zinc	66-2	4187	4387	4187	4254	2.72	cps
Zirconium	90-1	892	1067	900	953	10.36	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-12	Instrumnet Name :	P7
Client Sample ID :	MBDY27	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:33:06	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	225	233	208	17.43	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:36:38	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	361757	361511	360243	361170	0.22	cps
Antimony	121-1	7903	7736	7452	7697	2.96	cps
Arsenic	75-2	1163	1300	1261	1241	5.69	cps
Barium	135-1	127271	128152	128263	127895	0.43	cps
Barium	137-1	223874	223115	220949	222646	0.68	cps
Beryllium	9-1	594	611	472	559	13.56	cps
Bismuth	209-1	13525825	13626456	13618748	13590343	0.41	cps
Bismuth	209-2	7597557	7530849	7572162	7566856	0.44	cps
Boron	10-1	1650	1692	1592	1645	3.06	cps
Boron	11-1	7811	8328	7852	7997	3.59	cps
Cadmium	111-1	4617	4952	4886	4818	3.68	cps
Cadmium	106-1	4151	4451	4276	4293	3.51	cps
Cadmium	108-1	163	217	142	174	22.30	cps
Calcium	43-1	62474	62064	62935	62491	0.70	cps
Calcium	44-1	1066754	1068003	1063776	1066177	0.20	cps
Chromium	52-2	34614	35199	34881	34898	0.84	cps
Cobalt	59-2	26698	26875	26601	26725	0.52	cps
Copper	63-2	73306	72880	73229	73138	0.31	cps
Dysprosium	156-1	22077	22027	22544	22216	1.29	cps
Dysprosium	156-2	10064	10611	10508	10394	2.80	cps
Erbium	164-1	21434	20525	20967	20975	2.17	cps
Erbium	164-2	10097	10324	9950	10124	1.86	cps
Gadolinium	160-1	22411	21635	21668	21904	2.00	cps
Gadolinium	160-2	11745	11749	11635	11710	0.55	cps
Holmium	165-1	20101805	20129320	20110413	20113846	0.07	cps
Holmium	165-2	9805521	9736317	9753058	9764965	0.37	cps
Indium	115-1	15851687	16037143	15874138	15920989	0.64	cps
Indium	115-2	2744453	2751994	2768320	2754922	0.44	cps
Iron	56-2	37528559	37185723	37254422	37322901	0.49	cps
Iron	57-2	903903	903181	904918	904001	0.10	cps
Lead	206-1	1219254	1217105	1217203	1217854	0.10	cps
Lead	207-1	1015640	1015268	1017498	1016135	0.12	cps
Lead	208-1	4784888	4798320	4790680	4791296	0.14	cps
Lithium	6-1	1485257	1500629	1502855	1496247	0.64	cps
Magnesium	24-2	335011	334812	334886	334903	0.03	cps
Manganese	55-2	301852	302156	303034	302347	0.20	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:36:38	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6360	6193	6927	6493	5.92	cps
Molybdenum	95-1	1942	2042	2125	2036	4.51	cps
Molybdenum	96-1	3742	3742	3384	3623	5.71	cps
Molybdenum	97-1	1408	1325	1542	1425	7.67	cps
Molybdenum	98-1	3259	3801	3451	3503	7.84	cps
Neodymium	150-1	32285	32152	31998	32145	0.45	cps
Neodymium	150-2	12102	12152	11885	12047	1.18	cps
Nickel	60-2	12802	12883	12973	12886	0.66	cps
Phosphorus	31-2	3009	2884	3067	2987	3.14	cps
Potassium	39-2	62976	61269	62884	62376	1.54	cps
Rhodium	103-1	14410084	14372181	14226248	14336171	0.68	cps
Rhodium	103-2	6609815	6623773	6603914	6612501	0.15	cps
Scandium	45-1	8519928	8535807	8464252	8506662	0.44	cps
Scandium	45-2	340048	335448	340141	338546	0.79	cps
Selenium	77-2	27	33	37	32	15.80	cps
Selenium	78-2	63	63	83	70	16.86	cps
Selenium	82-1	56	93	83	77	24.87	cps
Silicon	28-1	5023231	4982830	5040508	5015523	0.59	cps
Silver	109-1	3984	4034	4092	4037	1.34	cps
Silver	107-1	4076	4376	4151	4201	3.72	cps
Sodium	23-2	74871	75498	77359	75909	1.70	cps
Strontium	86-1	31652	32772	32671	32365	1.91	cps
Strontium	88-1	279880	275673	278368	277974	0.77	cps
Sulfur	34-1	243795	243280	236272	241116	1.74	cps
Terbium	159-1	20657530	20656599	20732019	20682049	0.21	cps
Terbium	159-2	9657786	9641626	9643898	9647770	0.09	cps
Thallium	203-1	758	750	667	725	6.99	cps
Thallium	205-1	1467	1517	1483	1489	1.71	cps
Tin	118-1	10071	10021	10579	10224	3.02	cps
Titanium	47-1	202935	204422	203030	203462	0.41	cps
Uranium	238-1	21393	21051	22637	21694	3.85	cps
Vanadium	51-2	54477	54300	54758	54511	0.42	cps
Yttrium	89-1	16041792	16053801	16025681	16040425	0.09	cps
Yttrium	89-2	2051146	2037000	2041995	2043380	0.35	cps
Zinc	66-2	103292	102533	104786	103537	1.11	cps
Zirconium	90-1	14124	13999	13615	13913	1.91	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:36:38	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3176	3100	3201	3159	1.65	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:40:10	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358662	354020	357438	356707	0.67	cps
Antimony	121-1	7577	6977	7853	7469	5.99	cps
Arsenic	75-2	1256	1330	1207	1264	4.87	cps
Barium	135-1	127639	126252	127463	127118	0.59	cps
Barium	137-1	225191	224383	222572	224048	0.60	cps
Beryllium	9-1	583	478	467	509	12.64	cps
Bismuth	209-1	13650017	13674866	13614225	13646370	0.22	cps
Bismuth	209-2	7578898	7559278	7566310	7568162	0.13	cps
Boron	10-1	1008	1075	1350	1145	15.83	cps
Boron	11-1	5835	5951	6252	6013	3.58	cps
Cadmium	111-1	4604	4614	4604	4607	0.13	cps
Cadmium	106-1	4251	4242	4059	4184	2.59	cps
Cadmium	108-1	246	258	208	238	10.96	cps
Calcium	43-1	77344	75702	76380	76476	1.08	cps
Calcium	44-1	1290958	1286156	1282371	1286495	0.33	cps
Chromium	52-2	36442	35957	35767	36055	0.97	cps
Cobalt	59-2	23199	23906	23736	23614	1.56	cps
Copper	63-2	83047	83067	82937	83017	0.08	cps
Dysprosium	156-1	23580	24473	23362	23805	2.47	cps
Dysprosium	156-2	11338	11215	11301	11285	0.56	cps
Erbium	164-1	23170	22862	23638	23223	1.68	cps
Erbium	164-2	10511	10704	10781	10665	1.31	cps
Gadolinium	160-1	22845	23179	24606	23543	3.97	cps
Gadolinium	160-2	12866	12749	12686	12767	0.72	cps
Holmium	165-1	20170072	20177456	20210615	20186048	0.11	cps
Holmium	165-2	9705326	9753932	9718439	9725899	0.26	cps
Indium	115-1	15920073	15965539	15838520	15908044	0.40	cps
Indium	115-2	2711587	2732004	2727714	2723768	0.40	cps
Iron	56-2	37667209	37641055	37614872	37641045	0.07	cps
Iron	57-2	913939	910399	911499	911946	0.20	cps
Lead	206-1	1053651	1051335	1053861	1052949	0.13	cps
Lead	207-1	879772	881713	876986	879490	0.27	cps
Lead	208-1	4136851	4144266	4115630	4132249	0.36	cps
Lithium	6-1	1510003	1489403	1489433	1496280	0.79	cps
Magnesium	24-2	340508	338399	336220	338376	0.63	cps
Manganese	55-2	223172	222699	224773	223548	0.49	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:40:10	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6135	6085	6385	6202	2.59	cps
Molybdenum	95-1	1975	2125	1917	2006	5.36	cps
Molybdenum	96-1	3401	3417	3451	3423	0.74	cps
Molybdenum	97-1	1317	1108	1342	1256	10.20	cps
Molybdenum	98-1	2892	3576	3034	3167	11.39	cps
Neodymium	150-1	36816	35353	36729	36300	2.26	cps
Neodymium	150-2	13073	13257	12970	13100	1.11	cps
Nickel	60-2	13446	13276	13313	13345	0.67	cps
Phosphorus	31-2	3017	2900	3117	3012	3.60	cps
Potassium	39-2	63035	63748	62867	63217	0.74	cps
Rhodium	103-1	14278695	14329544	14293674	14300638	0.18	cps
Rhodium	103-2	6556930	6552844	6586754	6565509	0.28	cps
Scandium	45-1	8465319	8440769	8327729	8411273	0.87	cps
Scandium	45-2	334786	335380	335631	335265	0.13	cps
Selenium	77-2	40	53	43	46	15.23	cps
Selenium	78-2	89	100	59	83	25.46	cps
Selenium	82-1	58	85	109	84	30.31	cps
Silicon	28-1	5772751	5597915	5616482	5662383	1.70	cps
Silver	109-1	3759	3967	4334	4020	7.24	cps
Silver	107-1	4384	4218	4951	4518	8.51	cps
Sodium	23-2	78523	77701	79361	78528	1.06	cps
Strontium	86-1	31594	31418	30417	31143	2.04	cps
Strontium	88-1	270915	270168	271415	270832	0.23	cps
Sulfur	34-1	236369	234779	231024	234057	1.17	cps
Terbium	159-1	20519374	20745741	20610968	20625361	0.55	cps
Terbium	159-2	9554112	9646715	9588518	9596448	0.49	cps
Thallium	203-1	500	542	575	539	6.97	cps
Thallium	205-1	1433	1408	1192	1345	9.88	cps
Tin	118-1	10963	10596	10680	10746	1.79	cps
Titanium	47-1	196705	195554	195546	195935	0.34	cps
Uranium	238-1	23255	23413	23723	23464	1.01	cps
Vanadium	51-2	56163	56146	56120	56143	0.04	cps
Yttrium	89-1	16044916	16065451	16004602	16038323	0.19	cps
Yttrium	89-2	2027484	2022010	2028914	2026136	0.18	cps
Zinc	66-2	99110	98217	99046	98791	0.50	cps
Zirconium	90-1	13716	13582	14084	13794	1.89	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:40:10	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3150	2600	3134	2962	10.57	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:43:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	506313	517289	514973	512858	1.13	cps
Antimony	121-1	15976	15634	15584	15732	1.36	cps
Arsenic	75-2	1854	1946	1943	1914	2.74	cps
Barium	135-1	105338	106095	103693	105042	1.17	cps
Barium	137-1	185148	184443	186191	185260	0.47	cps
Beryllium	9-1	594	567	578	580	2.41	cps
Bismuth	209-1	13559488	13622714	13602491	13594898	0.24	cps
Bismuth	209-2	7475910	7471632	7456881	7468141	0.13	cps
Boron	10-1	1517	1475	1425	1472	3.12	cps
Boron	11-1	7494	7502	7769	7588	2.06	cps
Cadmium	111-1	6499	6770	6543	6604	2.21	cps
Cadmium	106-1	4201	4409	4318	4309	2.42	cps
Cadmium	108-1	304	292	400	332	17.85	cps
Calcium	43-1	121001	120269	119480	120250	0.63	cps
Calcium	44-1	1997303	1970512	1981148	1982988	0.68	cps
Chromium	52-2	101275	102681	101476	101811	0.75	cps
Cobalt	59-2	62887	63868	62590	63115	1.06	cps
Copper	63-2	279573	278259	278929	278920	0.24	cps
Dysprosium	156-1	32573	31855	31880	32103	1.27	cps
Dysprosium	156-2	14768	15085	14688	14847	1.41	cps
Erbium	164-1	32565	31988	33150	32568	1.78	cps
Erbium	164-2	15416	14965	15018	15133	1.63	cps
Gadolinium	160-1	32214	32932	32105	32417	1.39	cps
Gadolinium	160-2	16400	16737	16660	16599	1.06	cps
Holmium	165-1	20165110	20158655	20048341	20124035	0.33	cps
Holmium	165-2	9757421	9704622	9668534	9710192	0.46	cps
Indium	115-1	15679019	15816087	15765762	15753623	0.44	cps
Indium	115-2	2692343	2708974	2696368	2699228	0.32	cps
Iron	56-2	68269310	68758640	68499604	68509185	0.36	cps
Iron	57-2	1643340	1657333	1655249	1651974	0.46	cps
Lead	206-1	1048843	1044248	1046683	1046591	0.22	cps
Lead	207-1	880610	878375	879396	879460	0.13	cps
Lead	208-1	4119132	4119592	4100490	4113071	0.26	cps
Lithium	6-1	1491667	1474508	1486773	1484316	0.60	cps
Magnesium	24-2	880107	887143	880865	882705	0.44	cps
Manganese	55-2	276756	278043	277672	277491	0.24	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:43:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	32882	32496	32354	32578	0.84	cps
Molybdenum	95-1	46151	44303	45623	45359	2.10	cps
Molybdenum	96-1	49980	50875	51260	50705	1.30	cps
Molybdenum	97-1	28404	28838	28905	28716	0.95	cps
Molybdenum	98-1	74771	74068	75844	74894	1.19	cps
Neodymium	150-1	45047	45442	43670	44720	2.08	cps
Neodymium	150-2	16614	16804	16517	16645	0.88	cps
Nickel	60-2	25482	25920	25566	25656	0.91	cps
Phosphorus	31-2	3009	3109	3476	3198	7.69	cps
Potassium	39-2	86259	85070	84809	85380	0.91	cps
Rhodium	103-1	14109842	14082554	14275753	14156050	0.74	cps
Rhodium	103-2	6538547	6511496	6506716	6518919	0.26	cps
Scandium	45-1	8431969	8370334	8402942	8401748	0.37	cps
Scandium	45-2	335567	333874	333556	334332	0.32	cps
Selenium	77-2	60	57	30	49	33.63	cps
Selenium	78-2	106	74	72	84	22.32	cps
Selenium	82-1	6	116	12	45	139.75	cps
Silicon	28-1	5641835	5533398	5591701	5588978	0.97	cps
Silver	109-1	3284	3534	3492	3437	3.90	cps
Silver	107-1	3767	3701	4151	3873	6.27	cps
Sodium	23-2	94380	95713	96224	95439	1.00	cps
Strontium	86-1	53057	53224	52137	52806	1.11	cps
Strontium	88-1	459960	456166	456869	457665	0.44	cps
Sulfur	34-1	227797	221919	229245	226321	1.71	cps
Terbium	159-1	20550807	20627138	20766228	20648058	0.53	cps
Terbium	159-2	9609780	9502197	9592519	9568166	0.60	cps
Thallium	203-1	725	600	708	678	10.01	cps
Thallium	205-1	1717	1659	1692	1689	1.73	cps
Tin	118-1	43577	43820	43543	43647	0.35	cps
Titanium	47-1	363753	360507	362727	362329	0.46	cps
Uranium	238-1	20509	19757	20133	20133	1.87	cps
Vanadium	51-2	121044	121368	121663	121358	0.26	cps
Yttrium	89-1	16024597	15965224	15963678	15984499	0.22	cps
Yttrium	89-2	2019559	2023528	2018937	2020675	0.12	cps
Zinc	66-2	154567	154797	156174	155179	0.56	cps
Zirconium	90-1	19531	23787	18813	20710	12.98	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:43:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3926	4393	3959	4092	6.36	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:47:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	507435	506585	504788	506269	0.27	cps
Antimony	121-1	16243	16143	16919	16435	2.57	cps
Arsenic	75-2	1804	1817	1900	1840	2.84	cps
Barium	135-1	104467	105188	105406	105020	0.47	cps
Barium	137-1	184916	186190	184788	185298	0.42	cps
Beryllium	9-1	578	500	550	543	7.26	cps
Bismuth	209-1	13491686	13552534	13655762	13566661	0.61	cps
Bismuth	209-2	7471240	7482687	7472282	7475403	0.08	cps
Boron	10-1	1392	1342	1425	1386	3.03	cps
Boron	11-1	7227	7469	7427	7374	1.75	cps
Cadmium	111-1	6608	7005	6836	6816	2.92	cps
Cadmium	106-1	4176	4326	4476	4326	3.47	cps
Cadmium	108-1	338	308	354	333	6.96	cps
Calcium	43-1	121253	118816	121075	120381	1.13	cps
Calcium	44-1	2002695	2005874	2006937	2005169	0.11	cps
Chromium	52-2	98895	100207	98130	99078	1.06	cps
Cobalt	59-2	61499	61254	61164	61305	0.28	cps
Copper	63-2	284881	285373	287267	285840	0.44	cps
Dysprosium	156-1	32105	32698	33032	32612	1.44	cps
Dysprosium	156-2	15232	15169	14795	15065	1.57	cps
Erbium	164-1	31671	32999	32899	32523	2.27	cps
Erbium	164-2	15135	14915	14645	14898	1.65	cps
Gadolinium	160-1	32523	32047	32490	32353	0.82	cps
Gadolinium	160-2	16820	17001	16934	16918	0.54	cps
Holmium	165-1	19992876	20123973	20048134	20054994	0.33	cps
Holmium	165-2	9698015	9691993	9753225	9714411	0.35	cps
Indium	115-1	15623777	15867813	15762962	15751517	0.78	cps
Indium	115-2	2675110	2681423	2696382	2684305	0.41	cps
Iron	56-2	67222736	67303388	67324563	67283562	0.08	cps
Iron	57-2	1625010	1625661	1638845	1629838	0.48	cps
Lead	206-1	1031578	1034471	1028426	1031492	0.29	cps
Lead	207-1	859093	857834	858432	858453	0.07	cps
Lead	208-1	4029350	4030615	4046183	4035383	0.23	cps
Lithium	6-1	1486875	1485707	1500864	1491149	0.57	cps
Magnesium	24-2	893258	891426	895004	893229	0.20	cps
Manganese	55-2	275218	275581	274975	275258	0.11	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:47:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	36857	36080	36932	36623	1.29	cps
Molybdenum	95-1	52213	51686	50757	51552	1.43	cps
Molybdenum	96-1	58496	58697	56873	58022	1.72	cps
Molybdenum	97-1	32789	32881	32287	32652	0.98	cps
Molybdenum	98-1	85473	83671	84501	84548	1.07	cps
Neodymium	150-1	47549	48071	46726	47449	1.43	cps
Neodymium	150-2	18109	17695	17551	17785	1.63	cps
Nickel	60-2	25439	26013	25649	25700	1.13	cps
Phosphorus	31-2	2917	3192	3234	3114	5.53	cps
Potassium	39-2	86695	84835	84659	85396	1.32	cps
Rhodium	103-1	14044499	14094733	14188953	14109395	0.52	cps
Rhodium	103-2	6538604	6519766	6515784	6524718	0.19	cps
Scandium	45-1	8350996	8368531	8375476	8365001	0.15	cps
Scandium	45-2	331696	332862	335799	333452	0.63	cps
Selenium	77-2	63	30	30	41	46.81	cps
Selenium	78-2	89	102	93	94	7.07	cps
Selenium	82-1	-60	49	149	46	228.39	cps
Silicon	28-1	5617017	5537957	5813796	5656257	2.51	cps
Silver	109-1	3351	3301	3551	3401	3.89	cps
Silver	107-1	3576	3701	3926	3734	4.75	cps
Sodium	23-2	96058	95755	95461	95758	0.31	cps
Strontium	86-1	53802	53701	52999	53501	0.82	cps
Strontium	88-1	452710	457666	452594	454324	0.64	cps
Sulfur	34-1	222385	227749	225449	225194	1.19	cps
Terbium	159-1	20543831	20693235	20673483	20636850	0.39	cps
Terbium	159-2	9537224	9541591	9568786	9549200	0.18	cps
Thallium	203-1	592	750	733	692	12.58	cps
Thallium	205-1	1534	1567	1692	1597	5.23	cps
Tin	118-1	44237	46002	44488	44909	2.13	cps
Titanium	47-1	355140	357652	357794	356862	0.42	cps
Uranium	238-1	21243	21160	20759	21054	1.23	cps
Vanadium	51-2	118649	118820	117873	118447	0.43	cps
Yttrium	89-1	16035976	16000645	15971783	16002801	0.20	cps
Yttrium	89-2	2003429	2019478	2018410	2013773	0.45	cps
Zinc	66-2	152182	153672	153005	152953	0.49	cps
Zirconium	90-1	18471	19147	18563	18727	1.96	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:47:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4001	4268	4217	4162	3.41	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:50:47	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99077	99807	97971	98952	0.93	cps
Antimony	121-1	3251	2709	3017	2992	9.08	cps
Arsenic	75-2	372	361	406	380	6.09	cps
Barium	135-1	20416	20090	20374	20293	0.87	cps
Barium	137-1	35689	35630	36616	35978	1.54	cps
Beryllium	9-1	117	144	106	122	16.39	cps
Bismuth	209-1	13313369	13308969	13260019	13294119	0.22	cps
Bismuth	209-2	7382403	7422807	7427618	7410943	0.34	cps
Boron	10-1	967	792	775	845	12.57	cps
Boron	11-1	3392	3234	3017	3214	5.86	cps
Cadmium	111-1	3324	3261	3430	3338	2.56	cps
Cadmium	106-1	3859	3692	4017	3856	4.22	cps
Cadmium	108-1	75	75	88	79	9.12	cps
Calcium	43-1	24054	23544	24004	23867	1.18	cps
Calcium	44-1	423588	423880	423473	423647	0.05	cps
Chromium	52-2	21092	20812	21533	21145	1.72	cps
Cobalt	59-2	12342	12179	12365	12295	0.83	cps
Copper	63-2	56556	57543	57111	57070	0.87	cps
Dysprosium	156-1	5893	5952	5768	5871	1.60	cps
Dysprosium	156-2	2900	2894	2957	2917	1.19	cps
Erbium	164-1	6268	5760	6210	6079	4.58	cps
Erbium	164-2	2740	2984	3024	2916	5.26	cps
Gadolinium	160-1	5918	6602	6268	6263	5.46	cps
Gadolinium	160-2	3204	3370	3304	3293	2.55	cps
Holmium	165-1	19500359	19643553	19646323	19596745	0.43	cps
Holmium	165-2	9577123	9593972	9554821	9575305	0.21	cps
Indium	115-1	15547288	15467754	15547770	15520937	0.30	cps
Indium	115-2	2689489	2696117	2694068	2693225	0.13	cps
Iron	56-2	13423662	13354735	13337490	13371962	0.34	cps
Iron	57-2	322348	323684	319504	321845	0.66	cps
Lead	206-1	200833	199992	198910	199912	0.48	cps
Lead	207-1	166551	167947	168111	167536	0.51	cps
Lead	208-1	787331	786202	783535	785689	0.25	cps
Lithium	6-1	1443342	1450132	1444128	1445867	0.26	cps
Magnesium	24-2	172161	176004	173500	173888	1.12	cps
Manganese	55-2	54149	54999	53644	54264	1.26	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:50:47	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6744	6669	6360	6591	3.08	cps
Molybdenum	95-1	8678	8945	9404	9009	4.07	cps
Molybdenum	96-1	9854	10279	9762	9965	2.77	cps
Molybdenum	97-1	5651	5826	5585	5687	2.20	cps
Molybdenum	98-1	14558	14858	14408	14608	1.57	cps
Neodymium	150-1	8523	8463	8630	8538	0.99	cps
Neodymium	150-2	3194	3327	3037	3186	4.56	cps
Nickel	60-2	5348	5068	5194	5203	2.70	cps
Phosphorus	31-2	775	675	633	694	10.49	cps
Potassium	39-2	30541	30457	30724	30574	0.45	cps
Rhodium	103-1	14039231	14082438	14073568	14065079	0.16	cps
Rhodium	103-2	6483623	6470846	6492231	6482233	0.17	cps
Scandium	45-1	8267543	8256322	8271950	8265272	0.10	cps
Scandium	45-2	329989	331713	329706	330469	0.33	cps
Selenium	77-2	0	7	17	8	107.84	cps
Selenium	78-2	67	56	83	69	20.40	cps
Selenium	82-1	2	79	115	65	88.74	cps
Silicon	28-1	1324353	1322633	1315998	1320995	0.33	cps
Silver	109-1	1492	1375	1233	1367	9.47	cps
Silver	107-1	1659	1433	1592	1561	7.40	cps
Sodium	23-2	38675	39144	39085	38968	0.65	cps
Strontium	86-1	10729	10805	10671	10735	0.62	cps
Strontium	88-1	87550	86854	87374	87260	0.41	cps
Sulfur	34-1	216485	213481	216931	215632	0.87	cps
Terbium	159-1	20127568	20200790	20329697	20219352	0.51	cps
Terbium	159-2	9384666	9502174	9487653	9458165	0.68	cps
Thallium	203-1	267	242	217	242	10.34	cps
Thallium	205-1	467	558	683	569	19.10	cps
Tin	118-1	9337	8878	9287	9167	2.74	cps
Titanium	47-1	70109	68317	69724	69383	1.36	cps
Uranium	238-1	4118	4026	4334	4159	3.81	cps
Vanadium	51-2	23793	22918	23920	23543	2.32	cps
Yttrium	89-1	15391976	15471249	15414561	15425928	0.26	cps
Yttrium	89-2	1958592	1966470	1966094	1963719	0.23	cps
Zinc	66-2	32907	33144	32994	33015	0.36	cps
Zirconium	90-1	4267	4026	4134	4142	2.92	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LX5	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-08 16:50:47	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1083	883	1092	1020	11.57	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:54:18	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	516231	519742	519247	518407	0.37	cps
Antimony	121-1	255468	251169	250999	252545	1.00	cps
Arsenic	75-2	4508	4479	4564	4517	0.96	cps
Barium	135-1	1231543	1231167	1232245	1231652	0.04	cps
Barium	137-1	2159805	2157596	2168868	2162090	0.28	cps
Beryllium	9-1	13796	13378	13990	13721	2.28	cps
Bismuth	209-1	13366489	13486731	13521996	13458406	0.61	cps
Bismuth	209-2	7463280	7435253	7452590	7450374	0.19	cps
Boron	10-1	1133	1425	1283	1281	11.39	cps
Boron	11-1	6252	6602	6952	6602	5.30	cps
Cadmium	111-1	34782	34148	34300	34410	0.96	cps
Cadmium	106-1	6777	6869	6902	6849	0.95	cps
Cadmium	108-1	2038	2175	2100	2104	3.27	cps
Calcium	43-1	120497	117606	116103	118069	1.89	cps
Calcium	44-1	1975692	1962044	1956933	1964890	0.49	cps
Chromium	52-2	207701	208448	209256	208468	0.37	cps
Cobalt	59-2	561318	558952	562377	560882	0.31	cps
Copper	63-2	465399	466814	469727	467314	0.47	cps
Dysprosium	156-1	33091	33467	32540	33033	1.41	cps
Dysprosium	156-2	14414	14575	14905	14631	1.71	cps
Erbium	164-1	29892	30694	29800	30129	1.63	cps
Erbium	164-2	14334	14384	14111	14277	1.02	cps
Gadolinium	160-1	29850	30326	30644	30273	1.32	cps
Gadolinium	160-2	16186	16066	16347	16200	0.87	cps
Holmium	165-1	19934032	20066515	19980331	19993626	0.34	cps
Holmium	165-2	9640030	9633173	9675260	9649488	0.23	cps
Indium	115-1	15659883	15747252	15716398	15707845	0.28	cps
Indium	115-2	2695167	2699574	2708102	2700948	0.24	cps
Iron	56-2	64233593	64442664	64606253	64427503	0.29	cps
Iron	57-2	1557968	1554586	1562814	1558456	0.27	cps
Lead	206-1	1003494	1008523	997123	1003047	0.57	cps
Lead	207-1	842136	846084	845679	844633	0.26	cps
Lead	208-1	3927439	3944635	3952847	3941640	0.33	cps
Lithium	6-1	1485511	1493833	1495352	1491565	0.36	cps
Magnesium	24-2	870633	866590	870100	869108	0.25	cps
Manganese	55-2	421788	424074	425898	423920	0.49	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:54:18	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	37960	37918	36581	37486	2.09	cps
Molybdenum	95-1	54714	54153	54396	54421	0.52	cps
Molybdenum	96-1	58764	59500	59911	59391	0.98	cps
Molybdenum	97-1	34359	34668	33089	34039	2.46	cps
Molybdenum	98-1	88642	88691	88844	88726	0.12	cps
Neodymium	150-1	48626	48325	48854	48602	0.55	cps
Neodymium	150-2	17535	17825	17645	17668	0.83	cps
Nickel	60-2	159971	158805	159263	159347	0.37	cps
Phosphorus	31-2	3017	2967	3025	3003	1.05	cps
Potassium	39-2	83543	83996	83686	83742	0.28	cps
Rhodium	103-1	14140437	14182411	14178762	14167203	0.16	cps
Rhodium	103-2	6549282	6552298	6556101	6552560	0.05	cps
Scandium	45-1	8423293	8389620	8398762	8403892	0.21	cps
Scandium	45-2	334357	337493	338393	336747	0.63	cps
Selenium	77-2	173	183	180	179	2.85	cps
Selenium	78-2	533	515	511	520	2.29	cps
Selenium	82-1	3649	3342	3373	3455	4.89	cps
Silicon	28-1	5436802	5497863	5397546	5444071	0.93	cps
Silver	109-1	135030	133500	132996	133842	0.79	cps
Silver	107-1	139716	141089	143125	141310	1.21	cps
Sodium	23-2	94893	92988	94321	94067	1.04	cps
Strontium	86-1	51979	50406	51502	51296	1.57	cps
Strontium	88-1	438745	434329	442728	438601	0.96	cps
Sulfur	34-1	231168	229594	228095	229619	0.67	cps
Terbium	159-1	20323433	20652794	20539710	20505312	0.82	cps
Terbium	159-2	9503868	9482515	9554061	9513481	0.39	cps
Thallium	203-1	114524	112902	115885	114437	1.31	cps
Thallium	205-1	276222	277282	275100	276201	0.39	cps
Tin	118-1	42716	43368	42198	42760	1.37	cps
Titanium	47-1	340396	339341	344678	341472	0.83	cps
Uranium	238-1	20542	20692	20325	20520	0.90	cps
Vanadium	51-2	347765	346551	347340	347219	0.18	cps
Yttrium	89-1	15945303	15960613	16019025	15974980	0.24	cps
Yttrium	89-2	2023696	2018827	2028490	2023671	0.24	cps
Zinc	66-2	195351	194793	195320	195155	0.16	cps
Zirconium	90-1	18613	17545	16986	17715	4.67	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 16:54:18	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3826	3951	4226	4001	5.12	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 16:57:49	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17411	16535	18012	17319	4.29	cps
Antimony	121-1	658	625	750	678	9.55	cps
Arsenic	75-2	48	69	63	60	17.58	cps
Barium	135-1	5743	5768	6093	5868	3.33	cps
Barium	137-1	10454	10688	10805	10649	1.67	cps
Beryllium	9-1	128	61	78	89	39.03	cps
Bismuth	209-1	13132676	13055304	12993061	13060347	0.54	cps
Bismuth	209-2	7324320	7354501	7354277	7344366	0.24	cps
Boron	10-1	342	367	433	381	12.45	cps
Boron	11-1	1875	2150	2042	2022	6.85	cps
Cadmium	111-1	2846	2924	2798	2856	2.22	cps
Cadmium	106-1	3951	4042	3867	3953	2.21	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	3917	4134	4167	4073	3.33	cps
Calcium	44-1	100808	100079	98830	99906	1.00	cps
Chromium	52-2	3150	3120	3034	3101	1.95	cps
Cobalt	59-2	1303	1300	1440	1348	5.93	cps
Copper	63-2	6785	7062	6868	6905	2.06	cps
Dysprosium	156-1	1058	925	1075	1020	8.07	cps
Dysprosium	156-2	523	467	527	506	6.67	cps
Erbium	164-1	1100	950	1108	1053	8.46	cps
Erbium	164-2	440	540	580	520	13.87	cps
Gadolinium	160-1	1158	1092	967	1072	9.08	cps
Gadolinium	160-2	683	627	647	652	4.41	cps
Holmium	165-1	19427460	19383290	19275838	19362196	0.40	cps
Holmium	165-2	9504473	9520571	9546187	9523744	0.22	cps
Indium	115-1	15436871	15442376	15322237	15400495	0.44	cps
Indium	115-2	2686224	2698569	2707249	2697347	0.39	cps
Iron	56-2	1742719	1731832	1738855	1737802	0.32	cps
Iron	57-2	43019	43392	42824	43078	0.67	cps
Lead	206-1	58908	58529	59539	58992	0.86	cps
Lead	207-1	50117	49548	49531	49732	0.67	cps
Lead	208-1	233867	231393	231585	232282	0.59	cps
Lithium	6-1	1432267	1427122	1419519	1426302	0.45	cps
Magnesium	24-2	16977	16543	17069	16863	1.66	cps
Manganese	55-2	14387	14274	14330	14330	0.40	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 16:57:49	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	658	708	739	13.46	cps
Molybdenum	95-1	267	250	300	272	9.35	cps
Molybdenum	96-1	483	417	550	483	13.79	cps
Molybdenum	97-1	167	117	167	150	19.25	cps
Molybdenum	98-1	525	358	483	456	19.04	cps
Neodymium	150-1	1500	1467	1447	1471	1.83	cps
Neodymium	150-2	520	527	597	548	7.75	cps
Nickel	60-2	740	807	917	821	10.87	cps
Phosphorus	31-2	242	250	192	228	13.85	cps
Potassium	39-2	18462	19789	19355	19202	3.52	cps
Rhodium	103-1	13908540	13890536	13827766	13875614	0.31	cps
Rhodium	103-2	6493670	6467651	6472265	6477862	0.21	cps
Scandium	45-1	8164495	8230686	8197126	8197436	0.40	cps
Scandium	45-2	329965	330924	330502	330464	0.15	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	52	59	65	59	11.10	cps
Selenium	82-1	-25	43	-40	-8	-585.82	cps
Silicon	28-1	414766	420220	419510	418165	0.71	cps
Silver	109-1	1100	992	1083	1058	5.51	cps
Silver	107-1	1167	1100	1058	1108	4.93	cps
Sodium	23-2	27785	27167	26967	27306	1.56	cps
Strontium	86-1	2059	2375	2034	2156	8.84	cps
Strontium	88-1	13690	14107	14174	13991	1.87	cps
Sulfur	34-1	214513	217607	217296	216472	0.79	cps
Terbium	159-1	19946027	19853489	19818621	19872713	0.33	cps
Terbium	159-2	9371324	9425837	9384329	9393830	0.30	cps
Thallium	203-1	250	217	333	267	22.54	cps
Thallium	205-1	700	658	658	672	3.58	cps
Tin	118-1	1358	5772	1158	2763	94.38	cps
Titanium	47-1	9220	9262	9587	9356	2.15	cps
Uranium	238-1	1167	1083	1158	1136	4.04	cps
Vanadium	51-2	2767	2647	2720	2711	2.23	cps
Yttrium	89-1	15384001	15242496	15284523	15303673	0.47	cps
Yttrium	89-2	1964195	1965426	1967635	1965752	0.09	cps
Zinc	66-2	8162	7942	8126	8077	1.46	cps
Zirconium	90-1	1675	1358	1692	1575	11.93	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXT9	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 16:57:49	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	333	250	303	15.16	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:08:23	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4134505	4162550	4172672	4156576	0.48	cps
Antimony	121-1	5458136	5517026	5549745	5508302	0.84	cps
Arsenic	75-2	166498	168615	169235	168116	0.85	cps
Barium	135-1	6749086	6800355	6817289	6788910	0.52	cps
Barium	137-1	11859827	11975039	11994845	11943237	0.61	cps
Beryllium	9-1	652824	655861	660098	656261	0.56	cps
Bismuth	209-1	12029403	12071453	12066460	12055772	0.19	cps
Bismuth	209-2	6805294	6852606	6858128	6838676	0.42	cps
Boron	10-1	77213	81578	83002	80598	3.74	cps
Boron	11-1	397024	404552	408472	403349	1.44	cps
Cadmium	111-1	1226199	1227228	1236526	1229984	0.46	cps
Cadmium	106-1	131379	134794	133163	133112	1.28	cps
Cadmium	108-1	90294	92349	92323	91655	1.29	cps
Calcium	43-1	7061551	7161285	7194547	7139128	0.97	cps
Calcium	44-1	114524653	115942594	117089053	115852100	1.11	cps
Chromium	52-2	1464127	1479325	1484806	1476086	0.73	cps
Cobalt	59-2	2390962	2411974	2418418	2407118	0.60	cps
Copper	63-2	3429205	3474823	3476783	3460271	0.78	cps
Dysprosium	156-1	125	83	125	111	21.65	cps
Dysprosium	156-2	43	60	73	59	25.53	cps
Erbium	164-1	100	92	75	89	14.32	cps
Erbium	164-2	27	30	43	33	26.45	cps
Gadolinium	160-1	167	183	200	183	9.09	cps
Gadolinium	160-2	150	163	140	151	7.75	cps
Holmium	165-1	19439091	19536026	19541340	19505486	0.30	cps
Holmium	165-2	9739428	9704704	9804038	9749390	0.52	cps
Indium	115-1	14782947	14833392	14901489	14839276	0.40	cps
Indium	115-2	2710773	2741392	2730738	2727634	0.57	cps
Iron	56-2	294264495	294816807	296838384	295306562	0.46	cps
Iron	57-2	7220902	7257067	7267657	7248542	0.34	cps
Lead	206-1	4237297	4282681	4301852	4273944	0.78	cps
Lead	207-1	3848852	3876808	3898881	3874847	0.65	cps
Lead	208-1	17485508	17657680	17707365	17616851	0.66	cps
Lithium	6-1	1409470	1405279	1417474	1410741	0.44	cps
Magnesium	24-2	49031385	49423321	49644849	49366518	0.63	cps
Manganese	55-2	1584811	1591858	1606086	1594252	0.68	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:08:23	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10832355	10968114	11007872	10936113	0.84	cps
Molybdenum	95-1	13091633	13186283	13257985	13178633	0.63	cps
Molybdenum	96-1	14578156	14656938	14735983	14657026	0.54	cps
Molybdenum	97-1	8229765	8267506	8296247	8264506	0.40	cps
Molybdenum	98-1	21368408	21394543	21505368	21422773	0.34	cps
Neodymium	150-1	273	300	340	304	11.02	cps
Neodymium	150-2	53	43	50	49	10.42	cps
Nickel	60-2	637934	636819	642979	639244	0.51	cps
Phosphorus	31-2	42445	44024	42537	43002	2.06	cps
Potassium	39-2	23859117	23930128	24055646	23948297	0.42	cps
Rhodium	103-1	12918263	12947349	12993906	12953173	0.29	cps
Rhodium	103-2	6161122	6196423	6218236	6191927	0.47	cps
Scandium	45-1	8508310	8522488	8623637	8551478	0.74	cps
Scandium	45-2	353952	354741	362279	356991	1.29	cps
Selenium	77-2	3090	3184	3140	3138	1.49	cps
Selenium	78-2	10498	10741	10508	10582	1.30	cps
Selenium	82-1	73465	75062	74281	74269	1.08	cps
Silicon	28-1	3217488	3312910	3367988	3299462	2.31	cps
Silver	109-1	5870901	5896189	5928898	5898663	0.49	cps
Silver	107-1	6269191	6304229	6299011	6290810	0.30	cps
Sodium	23-2	91539510	92466777	92499685	92168658	0.59	cps
Strontium	86-1	1698315	1705705	1715453	1706491	0.50	cps
Strontium	88-1	15009591	14993882	15163426	15055633	0.62	cps
Sulfur	34-1	614340	623355	619822	619172	0.73	cps
Terbium	159-1	19893354	19895328	20006201	19931628	0.32	cps
Terbium	159-2	9604871	9673975	9643941	9640929	0.36	cps
Thallium	203-1	5245528	5304292	5317109	5288976	0.72	cps
Thallium	205-1	12593734	12785259	12678107	12685700	0.76	cps
Tin	118-1	4320344	4364400	4405210	4363318	0.97	cps
Titanium	47-1	3318660	3350786	3375781	3348409	0.86	cps
Uranium	238-1	19369621	19332241	19300401	19334088	0.18	cps
Vanadium	51-2	1201651	1214355	1216897	1210967	0.67	cps
Yttrium	89-1	15408786	15311130	15441745	15387220	0.44	cps
Yttrium	89-2	2061829	2087794	2090721	2080115	0.76	cps
Zinc	66-2	454959	457450	459450	457286	0.49	cps
Zirconium	90-1	9345638	9388450	9471853	9401981	0.68	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:08:23	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2037173	2064591	2073543	2058436	0.92	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:11:59	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	75	117	114	33.00	cps
Antimony	121-1	16427	15601	14216	15415	7.25	cps
Arsenic	75-2	33	46	59	46	28.00	cps
Barium	135-1	117	183	183	161	23.89	cps
Barium	137-1	258	225	133	206	31.49	cps
Beryllium	9-1	183	239	178	200	16.90	cps
Bismuth	209-1	13542623	13538762	13519007	13533464	0.09	cps
Bismuth	209-2	7697474	7668626	7673438	7679846	0.20	cps
Boron	10-1	2650	2342	2325	2439	7.50	cps
Boron	11-1	13523	12014	10979	12172	10.51	cps
Cadmium	111-1	2931	2945	2691	2856	4.99	cps
Cadmium	106-1	4059	4151	3792	4001	4.65	cps
Cadmium	108-1	21	33	25	26	24.12	cps
Calcium	43-1	983	975	808	922	10.71	cps
Calcium	44-1	53857	55873	54794	54842	1.84	cps
Chromium	52-2	1533	1583	1533	1550	1.86	cps
Cobalt	59-2	167	170	203	180	11.27	cps
Copper	63-2	3447	3377	3507	3444	1.89	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	67	100	33	67	50.01	cps
Erbium	164-2	37	10	30	26	54.31	cps
Gadolinium	160-1	133	125	92	117	18.90	cps
Gadolinium	160-2	93	113	93	100	11.55	cps
Holmium	165-1	20051142	20086851	19903647	20013880	0.49	cps
Holmium	165-2	9961659	9918967	9944513	9941713	0.22	cps
Indium	115-1	16091055	16218370	16125466	16144964	0.41	cps
Indium	115-2	2875949	2884153	2884351	2881484	0.17	cps
Iron	56-2	13318	13657	13323	13432	1.45	cps
Iron	57-2	333	422	406	387	12.21	cps
Lead	206-1	2334	2089	2028	2150	7.52	cps
Lead	207-1	1917	1789	2061	1922	7.09	cps
Lead	208-1	8996	8657	8740	8798	2.01	cps
Lithium	6-1	1528645	1532312	1519357	1526771	0.44	cps
Magnesium	24-2	1408	1267	1542	1406	9.78	cps
Manganese	55-2	117	117	117	117	0.00	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:11:59	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3984	4084	3634	3901	6.06	cps
Molybdenum	95-1	5151	5043	4301	4832	9.58	cps
Molybdenum	96-1	6018	5368	5051	5479	9.00	cps
Molybdenum	97-1	3334	3067	2867	3089	7.58	cps
Molybdenum	98-1	9003	7786	7194	7994	11.54	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	163	230	133	176	28.18	cps
Phosphorus	31-2	92	175	75	114	47.04	cps
Potassium	39-2	19956	19655	19589	19733	0.99	cps
Rhodium	103-1	14611433	14672706	14568394	14617511	0.36	cps
Rhodium	103-2	6867666	6869972	6888474	6875371	0.17	cps
Scandium	45-1	9004825	9032255	8993418	9010166	0.22	cps
Scandium	45-2	357810	358892	358570	358424	0.16	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	48	76	43	56	32.15	cps
Selenium	82-1	-28	71	67	37	153.89	cps
Silicon	28-1	195316	194024	193427	194256	0.50	cps
Silver	109-1	942	1000	1025	989	4.32	cps
Silver	107-1	1183	1000	1125	1103	8.49	cps
Sodium	23-2	25047	25564	25773	25461	1.47	cps
Strontium	86-1	842	683	617	714	16.19	cps
Strontium	88-1	592	542	542	558	5.17	cps
Sulfur	34-1	243054	242604	238539	241399	1.03	cps
Terbium	159-1	20654255	20809637	20678781	20714224	0.40	cps
Terbium	159-2	9797546	9882192	9816150	9831963	0.45	cps
Thallium	203-1	1617	1375	1183	1392	15.60	cps
Thallium	205-1	3701	3317	2734	3251	14.98	cps
Tin	118-1	4101	3451	3609	3720	9.11	cps
Titanium	47-1	367	292	242	300	20.97	cps
Uranium	238-1	708	508	467	561	23.02	cps
Vanadium	51-2	20	43	20	28	48.49	cps
Yttrium	89-1	16226246	16090260	16121311	16145939	0.44	cps
Yttrium	89-2	2108034	2117962	2111315	2112437	0.24	cps
Zinc	66-2	3624	3547	3567	3579	1.11	cps
Zirconium	90-1	3242	2700	2434	2792	14.76	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:11:59	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	533	550	592	558	5.38	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:15:30	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18813	18779	18779	18790	0.10	cps
Antimony	121-1	4901	4909	4509	4773	4.79	cps
Arsenic	75-2	93	94	93	93	1.15	cps
Barium	135-1	6160	6493	6318	6324	2.64	cps
Barium	137-1	11639	10938	11614	11397	3.49	cps
Beryllium	9-1	189	206	156	183	13.89	cps
Bismuth	209-1	13295689	13355420	13329535	13326881	0.22	cps
Bismuth	209-2	7592224	7582574	7597567	7590789	0.10	cps
Boron	10-1	1467	1333	1492	1431	5.95	cps
Boron	11-1	6185	6502	6568	6418	3.19	cps
Cadmium	111-1	2882	3157	2963	3001	4.71	cps
Cadmium	106-1	3926	4351	4001	4092	5.54	cps
Cadmium	108-1	17	38	13	22	60.27	cps
Calcium	43-1	4926	4959	4976	4954	0.51	cps
Calcium	44-1	118849	117749	119538	118712	0.76	cps
Chromium	52-2	3517	3544	3628	3563	1.62	cps
Cobalt	59-2	1557	1350	1347	1418	8.49	cps
Copper	63-2	7172	7162	7272	7202	0.85	cps
Dysprosium	156-1	1208	1050	1083	1114	7.49	cps
Dysprosium	156-2	560	577	563	567	1.56	cps
Erbium	164-1	1308	1233	1108	1217	8.30	cps
Erbium	164-2	557	613	587	586	4.84	cps
Gadolinium	160-1	1267	1133	1192	1197	5.58	cps
Gadolinium	160-2	720	693	673	696	3.37	cps
Holmium	165-1	19815618	19826253	19942292	19861387	0.35	cps
Holmium	165-2	9831743	9895845	9863368	9863652	0.32	cps
Indium	115-1	15978423	16028230	15944578	15983744	0.26	cps
Indium	115-2	2847225	2856314	2869575	2857705	0.39	cps
Iron	56-2	1878639	1903395	1892632	1891555	0.66	cps
Iron	57-2	46953	46669	48280	47301	1.82	cps
Lead	206-1	53290	52660	51226	52392	2.02	cps
Lead	207-1	43723	43115	43505	43448	0.71	cps
Lead	208-1	206028	205462	203496	204995	0.65	cps
Lithium	6-1	1510083	1516123	1516870	1514359	0.25	cps
Magnesium	24-2	19079	18812	18954	18949	0.70	cps
Manganese	55-2	11751	11705	12012	11823	1.40	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:15:30	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2317	2250	2317	2295	1.68	cps
Molybdenum	95-1	1700	1550	1542	1597	5.58	cps
Molybdenum	96-1	1850	2034	1867	1917	5.29	cps
Molybdenum	97-1	933	1175	1042	1050	11.53	cps
Molybdenum	98-1	2250	2675	2617	2514	9.17	cps
Neodymium	150-1	1607	1647	1627	1627	1.23	cps
Neodymium	150-2	610	717	617	648	9.22	cps
Nickel	60-2	843	827	760	810	5.44	cps
Phosphorus	31-2	367	233	275	292	23.39	cps
Potassium	39-2	22309	21141	21925	21792	2.73	cps
Rhodium	103-1	14360984	14506336	14448349	14438557	0.51	cps
Rhodium	103-2	6781210	6803100	6827995	6804102	0.34	cps
Scandium	45-1	8871579	8857432	8937456	8888822	0.48	cps
Scandium	45-2	357223	356293	360955	358157	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	63	65	91	73	21.32	cps
Selenium	82-1	-11	71	58	39	111.14	cps
Silicon	28-1	496179	498808	500451	498479	0.43	cps
Silver	109-1	600	600	767	656	14.68	cps
Silver	107-1	900	883	900	895	1.08	cps
Sodium	23-2	27509	26533	27643	27228	2.23	cps
Strontium	86-1	2109	1909	2284	2100	8.94	cps
Strontium	88-1	13724	14349	14183	14085	2.30	cps
Sulfur	34-1	246778	245829	242992	245200	0.80	cps
Terbium	159-1	20307191	20500465	20498645	20435434	0.54	cps
Terbium	159-2	9783010	9773990	9709402	9755467	0.41	cps
Thallium	203-1	842	683	708	745	11.43	cps
Thallium	205-1	1559	1575	1308	1481	10.09	cps
Tin	118-1	2200	2100	2109	2136	2.60	cps
Titanium	47-1	10371	10012	10162	10182	1.77	cps
Uranium	238-1	1442	1433	1333	1403	4.30	cps
Vanadium	51-2	2804	2834	2637	2758	3.84	cps
Yttrium	89-1	15970471	15949232	16006929	15975544	0.18	cps
Yttrium	89-2	2096701	2106982	2111196	2104960	0.35	cps
Zinc	66-2	8326	8426	8793	8515	2.89	cps
Zirconium	90-1	3842	3567	3918	3776	4.89	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXX1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:15:30	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	792	650	850	764	13.47	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:19:02	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27292	27134	27576	27334	0.82	cps
Antimony	121-1	2934	2942	2842	2906	1.91	cps
Arsenic	75-2	109	120	124	118	6.54	cps
Barium	135-1	5260	5360	5426	5348	1.57	cps
Barium	137-1	9095	8878	9554	9176	3.76	cps
Beryllium	9-1	89	139	133	120	22.77	cps
Bismuth	209-1	13320249	13363458	13182289	13288665	0.71	cps
Bismuth	209-2	7560411	7598481	7560538	7573143	0.29	cps
Boron	10-1	767	875	867	836	7.21	cps
Boron	11-1	4184	4067	4359	4204	3.49	cps
Cadmium	111-1	3195	3140	2878	3071	5.52	cps
Cadmium	106-1	4284	4201	3859	4115	5.48	cps
Cadmium	108-1	29	25	33	29	14.28	cps
Calcium	43-1	7177	7719	6935	7277	5.52	cps
Calcium	44-1	158170	156199	156992	157120	0.63	cps
Chromium	52-2	7119	6915	6745	6926	2.70	cps
Cobalt	59-2	3247	3440	3400	3363	3.04	cps
Copper	63-2	17270	16419	17177	16956	2.75	cps
Dysprosium	156-1	1450	1592	1358	1467	8.02	cps
Dysprosium	156-2	760	743	727	743	2.24	cps
Erbium	164-1	1842	1784	1458	1695	12.19	cps
Erbium	164-2	787	777	720	761	4.72	cps
Gadolinium	160-1	1417	1842	1792	1684	13.80	cps
Gadolinium	160-2	910	923	867	900	3.29	cps
Holmium	165-1	19825283	19965997	19767442	19852907	0.51	cps
Holmium	165-2	9822385	9779011	9851219	9817538	0.37	cps
Indium	115-1	15906081	15929359	15997349	15944263	0.30	cps
Indium	115-2	2833394	2845326	2838382	2839034	0.21	cps
Iron	56-2	3507379	3482334	3494341	3494685	0.36	cps
Iron	57-2	85862	87364	86644	86623	0.87	cps
Lead	206-1	52654	52693	52364	52571	0.34	cps
Lead	207-1	44987	44609	44051	44549	1.06	cps
Lead	208-1	208650	209690	204905	207748	1.21	cps
Lithium	6-1	1525136	1514244	1516880	1518753	0.37	cps
Magnesium	24-2	48262	47284	48680	48075	1.49	cps
Manganese	55-2	14214	14684	14584	14494	1.71	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:19:02	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2700	2884	2417	2667	8.82	cps
Molybdenum	95-1	3342	3292	3084	3239	4.23	cps
Molybdenum	96-1	3859	3209	3951	3673	11.02	cps
Molybdenum	97-1	1759	1975	1984	1906	6.70	cps
Molybdenum	98-1	4926	5168	4976	5023	2.54	cps
Neodymium	150-1	2227	2114	2200	2180	2.72	cps
Neodymium	150-2	850	933	897	893	4.68	cps
Nickel	60-2	1643	1510	1510	1555	4.95	cps
Phosphorus	31-2	300	275	283	286	4.45	cps
Potassium	39-2	23019	23662	22944	23208	1.70	cps
Rhodium	103-1	14510689	14406552	14346603	14421282	0.58	cps
Rhodium	103-2	6745539	6816246	6780577	6780788	0.52	cps
Scandium	45-1	8837707	8823209	8824493	8828470	0.09	cps
Scandium	45-2	356904	354092	358108	356368	0.58	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	56	76	50	60	22.57	cps
Selenium	82-1	-68	41	1	-9	-636.54	cps
Silicon	28-1	503312	506122	502870	504102	0.35	cps
Silver	109-1	683	550	575	603	11.76	cps
Silver	107-1	800	750	608	719	13.82	cps
Sodium	23-2	26616	26741	25790	26382	1.96	cps
Strontium	86-1	3526	2892	3467	3295	10.63	cps
Strontium	88-1	24204	22502	24021	23576	3.96	cps
Sulfur	34-1	242198	242460	241733	242130	0.15	cps
Terbium	159-1	20326519	20407256	20391457	20375077	0.21	cps
Terbium	159-2	9697890	9716927	9691592	9702136	0.14	cps
Thallium	203-1	458	483	483	475	3.04	cps
Thallium	205-1	1100	1117	1042	1086	3.63	cps
Tin	118-1	3359	3484	3417	3420	1.83	cps
Titanium	47-1	19330	19372	18412	19038	2.85	cps
Uranium	238-1	1242	1042	975	1086	12.78	cps
Vanadium	51-2	6255	6328	6258	6280	0.66	cps
Yttrium	89-1	15963586	15937512	15896672	15932590	0.21	cps
Yttrium	89-2	2089309	2084875	2095578	2089921	0.26	cps
Zinc	66-2	11525	11878	11395	11599	2.16	cps
Zirconium	90-1	2817	2917	2809	2848	2.12	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:19:02	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	625	742	583	650	12.63	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:22:34	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27635	27125	27785	27515	1.26	cps
Antimony	121-1	2250	1884	2142	2092	9.01	cps
Arsenic	75-2	109	96	128	111	14.24	cps
Barium	135-1	5351	5093	5168	5204	2.55	cps
Barium	137-1	9412	8553	8578	8848	5.53	cps
Beryllium	9-1	100	100	117	106	9.12	cps
Bismuth	209-1	13212305	13213284	13215865	13213818	0.01	cps
Bismuth	209-2	7545071	7548331	7541418	7544940	0.05	cps
Boron	10-1	642	650	692	661	4.05	cps
Boron	11-1	3200	2842	2834	2959	7.08	cps
Cadmium	111-1	2838	2961	2758	2852	3.59	cps
Cadmium	106-1	3726	3967	3701	3798	3.88	cps
Cadmium	108-1	29	29	17	25	28.86	cps
Calcium	43-1	7411	7210	6952	7191	3.20	cps
Calcium	44-1	154770	153203	154472	154148	0.54	cps
Chromium	52-2	6712	6361	6848	6640	3.78	cps
Cobalt	59-2	3234	3300	3177	3237	1.91	cps
Copper	63-2	17227	16516	16313	16685	2.88	cps
Dysprosium	156-1	1533	1567	1517	1539	1.65	cps
Dysprosium	156-2	733	690	697	707	3.30	cps
Erbium	164-1	1617	1700	1775	1697	4.67	cps
Erbium	164-2	767	730	670	722	6.76	cps
Gadolinium	160-1	1750	1725	1584	1686	5.33	cps
Gadolinium	160-2	977	883	937	932	5.02	cps
Holmium	165-1	19819823	19705661	19680711	19735399	0.38	cps
Holmium	165-2	9768722	9769953	9762756	9767144	0.04	cps
Indium	115-1	15854335	15825369	15812767	15830824	0.13	cps
Indium	115-2	2821954	2823925	2821822	2822567	0.04	cps
Iron	56-2	3389953	3376454	3372018	3379475	0.28	cps
Iron	57-2	85442	83738	83771	84317	1.16	cps
Lead	206-1	50770	50937	52158	51288	1.48	cps
Lead	207-1	43059	43667	43366	43364	0.70	cps
Lead	208-1	201075	201340	202965	201793	0.51	cps
Lithium	6-1	1515039	1495970	1506230	1505746	0.63	cps
Magnesium	24-2	48346	48053	48178	48192	0.30	cps
Manganese	55-2	14250	14010	14157	14139	0.86	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:22:34	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2575	2492	2667	2578	3.40	cps
Molybdenum	95-1	2967	3259	3159	3128	4.74	cps
Molybdenum	96-1	3509	3434	3209	3384	4.62	cps
Molybdenum	97-1	1558	1892	1959	1803	11.89	cps
Molybdenum	98-1	5034	4768	4926	4909	2.73	cps
Neodymium	150-1	2340	2347	2467	2385	2.99	cps
Neodymium	150-2	863	867	940	890	4.87	cps
Nickel	60-2	1547	1510	1550	1536	1.45	cps
Phosphorus	31-2	183	233	292	236	22.96	cps
Potassium	39-2	22101	22301	22301	22234	0.52	cps
Rhodium	103-1	14360028	14237396	14270958	14289461	0.44	cps
Rhodium	103-2	6727583	6711492	6740479	6726518	0.22	cps
Scandium	45-1	8781644	8726210	8705841	8737898	0.45	cps
Scandium	45-2	354593	354631	354711	354645	0.02	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	65	44	43	51	24.37	cps
Selenium	82-1	75	6	49	43	81.13	cps
Silicon	28-1	564272	491794	487193	514420	8.40	cps
Silver	109-1	650	533	608	597	9.90	cps
Silver	107-1	608	608	700	639	8.28	cps
Sodium	23-2	25038	25431	25556	25342	1.07	cps
Strontium	86-1	3209	3409	3317	3312	3.02	cps
Strontium	88-1	23144	22735	22902	22927	0.90	cps
Sulfur	34-1	242042	239046	238125	239738	0.85	cps
Terbium	159-1	20300858	20335833	20227069	20287920	0.27	cps
Terbium	159-2	9678910	9700004	9664837	9681250	0.18	cps
Thallium	203-1	400	250	358	336	23.04	cps
Thallium	205-1	683	808	817	770	9.71	cps
Tin	118-1	3226	3025	3100	3117	3.24	cps
Titanium	47-1	19397	18454	18596	18815	2.70	cps
Uranium	238-1	1150	1200	1208	1186	2.66	cps
Vanadium	51-2	6055	5891	5958	5968	1.38	cps
Yttrium	89-1	15798379	15785844	15767702	15783975	0.10	cps
Yttrium	89-2	2080751	2068129	2081843	2076908	0.37	cps
Zinc	66-2	11088	11271	11435	11265	1.54	cps
Zirconium	90-1	2600	2525	2684	2603	3.05	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-15DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:22:34	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	533	583	553	4.85	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-08 17:26:06	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4743	5259	4859	4954	5.47	cps
Antimony	121-1	1058	1042	1150	1083	5.38	cps
Arsenic	75-2	28	20	24	24	15.39	cps
Barium	135-1	1142	1167	1025	1111	6.81	cps
Barium	137-1	1775	2142	1967	1961	9.35	cps
Beryllium	9-1	56	83	78	72	20.35	cps
Bismuth	209-1	13235409	13143547	13221960	13200305	0.38	cps
Bismuth	209-2	7525510	7492536	7526197	7514748	0.26	cps
Boron	10-1	400	508	458	456	11.90	cps
Boron	11-1	2284	2434	2292	2336	3.61	cps
Cadmium	111-1	2771	2700	2817	2763	2.13	cps
Cadmium	106-1	3892	3801	4026	3906	2.90	cps
Cadmium	108-1	29	8	25	21	52.93	cps
Calcium	43-1	2234	2109	2150	2164	2.94	cps
Calcium	44-1	75761	72243	74412	74139	2.39	cps
Chromium	52-2	2567	2674	2640	2627	2.08	cps
Cobalt	59-2	743	727	660	710	6.21	cps
Copper	63-2	5481	5234	5234	5317	2.68	cps
Dysprosium	156-1	200	400	233	278	38.58	cps
Dysprosium	156-2	177	123	130	143	20.27	cps
Erbium	164-1	367	350	408	375	8.01	cps
Erbium	164-2	170	133	163	156	12.55	cps
Gadolinium	160-1	450	367	475	431	13.17	cps
Gadolinium	160-2	243	280	320	281	13.64	cps
Holmium	165-1	19619868	19630092	19576054	19608671	0.15	cps
Holmium	165-2	9735737	9759056	9762376	9752390	0.15	cps
Indium	115-1	15710624	15809994	15728353	15749657	0.34	cps
Indium	115-2	2805077	2816200	2813138	2811472	0.20	cps
Iron	56-2	664698	660605	658865	661389	0.45	cps
Iron	57-2	16215	16565	16526	16436	1.17	cps
Lead	206-1	11767	11600	11400	11589	1.59	cps
Lead	207-1	10232	10165	9860	10086	1.97	cps
Lead	208-1	46277	46027	45298	45867	1.11	cps
Lithium	6-1	1500487	1502228	1514673	1505796	0.51	cps
Magnesium	24-2	10212	10312	9662	10062	3.48	cps
Manganese	55-2	3007	2720	2824	2850	5.09	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-08 17:26:06	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1000	1075	1092	1056	4.63	cps
Molybdenum	95-1	817	717	767	767	6.52	cps
Molybdenum	96-1	1092	967	1158	1072	9.08	cps
Molybdenum	97-1	542	475	450	489	9.69	cps
Molybdenum	98-1	1425	1367	1283	1358	5.24	cps
Neodymium	150-1	460	520	340	440	20.83	cps
Neodymium	150-2	147	180	160	162	10.34	cps
Nickel	60-2	420	477	483	460	7.57	cps
Phosphorus	31-2	167	150	175	164	7.77	cps
Potassium	39-2	19488	18980	18863	19110	1.74	cps
Rhodium	103-1	14110600	14311712	14208382	14210232	0.71	cps
Rhodium	103-2	6715863	6676566	6714566	6702331	0.33	cps
Scandium	45-1	8672918	8715728	8745574	8711407	0.42	cps
Scandium	45-2	349983	350346	351019	350449	0.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	65	54	52	24.79	cps
Selenium	82-1	-3	-33	56	6	718.87	cps
Silicon	28-1	243679	240440	236857	240325	1.42	cps
Silver	109-1	408	400	383	397	3.20	cps
Silver	107-1	550	458	408	472	15.21	cps
Sodium	23-2	21274	21249	21040	21188	0.61	cps
Strontium	86-1	1158	1175	1292	1208	6.01	cps
Strontium	88-1	5068	4709	5326	5034	6.15	cps
Sulfur	34-1	238732	239071	239546	239116	0.17	cps
Terbium	159-1	20023753	20279259	20218185	20173732	0.66	cps
Terbium	159-2	9670931	9626304	9636746	9644660	0.24	cps
Thallium	203-1	325	408	283	339	18.78	cps
Thallium	205-1	825	767	700	764	8.19	cps
Tin	118-1	1350	1442	1300	1364	5.27	cps
Titanium	47-1	3709	3859	3392	3653	6.52	cps
Uranium	238-1	292	325	400	339	16.37	cps
Vanadium	51-2	1287	1100	1327	1238	9.77	cps
Yttrium	89-1	15660215	15708576	15722244	15697011	0.21	cps
Yttrium	89-2	2055148	2062856	2063749	2060584	0.23	cps
Zinc	66-2	5434	4968	5088	5163	4.70	cps
Zirconium	90-1	1642	1483	1500	1542	5.64	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-11LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDXM1L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-08 17:26:06	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	267	342	331	17.89	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:29:39	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27150	26917	27276	27114	0.67	cps
Antimony	121-1	13282	12940	12973	13065	1.44	cps
Arsenic	75-2	263	198	270	244	16.30	cps
Barium	135-1	58566	59110	57662	58446	1.25	cps
Barium	137-1	104164	104256	103013	103811	0.67	cps
Beryllium	9-1	722	872	917	837	12.17	cps
Bismuth	209-1	13283984	13305504	13285784	13291757	0.09	cps
Bismuth	209-2	7458112	7536918	7538736	7511256	0.61	cps
Boron	10-1	475	458	400	444	8.86	cps
Boron	11-1	2117	2367	2225	2236	5.61	cps
Cadmium	111-1	4226	4614	4047	4296	6.74	cps
Cadmium	106-1	4001	4418	3817	4079	7.54	cps
Cadmium	108-1	142	71	125	113	32.92	cps
Calcium	43-1	6610	7077	6894	6860	3.43	cps
Calcium	44-1	147681	146678	145332	146564	0.80	cps
Chromium	52-2	12275	11962	12095	12111	1.30	cps
Cobalt	59-2	28177	28117	28167	28154	0.11	cps
Copper	63-2	25783	25613	25155	25517	1.27	cps
Dysprosium	156-1	1517	1400	1550	1489	5.29	cps
Dysprosium	156-2	720	623	767	703	10.39	cps
Erbium	164-1	1333	1425	1600	1453	9.33	cps
Erbium	164-2	723	737	823	761	7.13	cps
Gadolinium	160-1	1542	1667	1592	1600	3.93	cps
Gadolinium	160-2	850	940	897	896	5.03	cps
Holmium	165-1	19564107	19839121	19551279	19651502	0.83	cps
Holmium	165-2	9724338	9770938	9795810	9763695	0.37	cps
Indium	115-1	15665925	15734377	15769212	15723171	0.33	cps
Indium	115-2	2804954	2788680	2813885	2802506	0.46	cps
Iron	56-2	3177560	3173478	3190742	3180593	0.28	cps
Iron	57-2	78766	79364	79241	79123	0.40	cps
Lead	206-1	49531	49609	50552	49897	1.14	cps
Lead	207-1	41549	41822	42223	41865	0.81	cps
Lead	208-1	196008	195362	198694	196688	0.90	cps
Lithium	6-1	1508105	1528046	1531550	1522567	0.83	cps
Magnesium	24-2	45938	45378	45361	45559	0.72	cps
Manganese	55-2	22197	21573	21816	21862	1.44	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:29:39	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2634	2550	2559	2581	1.78	cps
Molybdenum	95-1	3042	2959	3042	3014	1.60	cps
Molybdenum	96-1	3434	3317	3200	3317	3.52	cps
Molybdenum	97-1	1859	1800	1583	1747	8.29	cps
Molybdenum	98-1	4551	4718	4493	4587	2.55	cps
Neodymium	150-1	2107	2394	2507	2336	8.83	cps
Neodymium	150-2	903	913	843	887	4.27	cps
Nickel	60-2	8129	7972	8232	8111	1.61	cps
Phosphorus	31-2	283	275	233	264	10.15	cps
Potassium	39-2	21900	22009	22217	22042	0.73	cps
Rhodium	103-1	14187162	14328871	14213994	14243343	0.53	cps
Rhodium	103-2	6708085	6690668	6702886	6700546	0.13	cps
Scandium	45-1	8718992	8698683	8689585	8702420	0.17	cps
Scandium	45-2	351165	351479	350818	351154	0.09	cps
Selenium	77-2	7	10	20	12	56.76	cps
Selenium	78-2	85	81	67	78	12.60	cps
Selenium	82-1	136	51	110	99	43.89	cps
Silicon	28-1	485140	469415	469786	474780	1.89	cps
Silver	109-1	6502	6819	6177	6499	4.94	cps
Silver	107-1	6935	7169	7427	7177	3.43	cps
Sodium	23-2	23911	23260	24037	23736	1.76	cps
Strontium	86-1	2925	3109	3142	3059	3.82	cps
Strontium	88-1	22861	21817	22109	22263	2.42	cps
Sulfur	34-1	241009	241137	236056	239401	1.21	cps
Terbium	159-1	20227979	20295713	20397593	20307095	0.42	cps
Terbium	159-2	9662911	9691893	9646772	9667192	0.24	cps
Thallium	203-1	6285	5560	6135	5993	6.39	cps
Thallium	205-1	14116	13875	14083	14025	0.93	cps
Tin	118-1	3034	2892	3242	3056	5.76	cps
Titanium	47-1	17820	16819	16743	17127	3.51	cps
Uranium	238-1	1225	1150	1183	1186	3.17	cps
Vanadium	51-2	17808	17477	17380	17555	1.28	cps
Yttrium	89-1	15685136	15805888	15683811	15724945	0.45	cps
Yttrium	89-2	2058939	2053454	2062670	2058354	0.23	cps
Zinc	66-2	12893	13333	12652	12959	2.66	cps
Zirconium	90-1	2342	2500	2309	2384	4.30	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	I6246-16DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDXM1S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-08 17:29:39	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	675	458	547	20.73	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:33:11	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4270273	4330796	4333635	4311568	0.83	cps
Antimony	121-1	5427283	5504171	5533345	5488267	1.00	cps
Arsenic	75-2	170020	170883	172674	171193	0.79	cps
Barium	135-1	6704392	6745147	6764410	6737983	0.45	cps
Barium	137-1	11785495	11842156	11803665	11810439	0.24	cps
Beryllium	9-1	677645	681174	687967	682262	0.77	cps
Bismuth	209-1	11947575	11958606	11894696	11933626	0.29	cps
Bismuth	209-2	6883554	6852086	6872279	6869306	0.23	cps
Boron	10-1	79769	84770	86296	83611	4.08	cps
Boron	11-1	409169	421618	434799	421862	3.04	cps
Cadmium	111-1	1226154	1227469	1237160	1230261	0.49	cps
Cadmium	106-1	133986	133120	134904	134003	0.67	cps
Cadmium	108-1	90629	91782	90411	90941	0.81	cps
Calcium	43-1	7223575	7257564	7332631	7271256	0.77	cps
Calcium	44-1	117355457	117607286	119048715	118003819	0.77	cps
Chromium	52-2	1505189	1512412	1522245	1513282	0.57	cps
Cobalt	59-2	2438924	2457030	2473940	2456631	0.71	cps
Copper	63-2	3481700	3528613	3544192	3518168	0.92	cps
Dysprosium	156-1	108	183	142	144	26.01	cps
Dysprosium	156-2	57	47	93	66	37.48	cps
Erbium	164-1	75	92	67	78	16.37	cps
Erbium	164-2	37	13	40	30	48.44	cps
Gadolinium	160-1	192	142	225	186	22.54	cps
Gadolinium	160-2	153	160	157	157	2.13	cps
Holmium	165-1	19315582	19447908	19319631	19361040	0.39	cps
Holmium	165-2	9776218	9820387	9801899	9799501	0.23	cps
Indium	115-1	14790462	14945058	14893704	14876408	0.53	cps
Indium	115-2	2751525	2766271	2776231	2764676	0.45	cps
Iron	56-2	301211840	303291962	303893718	302799173	0.46	cps
Iron	57-2	7335197	7366996	7426491	7376228	0.63	cps
Lead	206-1	4203469	4255449	4228011	4228976	0.61	cps
Lead	207-1	3805695	3855919	3813784	3825133	0.70	cps
Lead	208-1	17270452	17507783	17346508	17374915	0.70	cps
Lithium	6-1	1448897	1464114	1457573	1456861	0.52	cps
Magnesium	24-2	50431586	51212683	51446726	51030332	1.04	cps
Manganese	55-2	1631219	1637577	1646098	1638298	0.46	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:33:11	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10809837	10990179	11004196	10934737	0.99	cps
Molybdenum	95-1	12980192	13149391	13180198	13103260	0.82	cps
Molybdenum	96-1	14563982	14642573	14669841	14625466	0.38	cps
Molybdenum	97-1	8198121	8213804	8300850	8237591	0.67	cps
Molybdenum	98-1	21336669	21434374	21469841	21413628	0.32	cps
Neodymium	150-1	327	253	353	311	16.64	cps
Neodymium	150-2	30	60	53	48	32.97	cps
Nickel	60-2	647832	654047	655344	652408	0.62	cps
Phosphorus	31-2	45495	43941	45195	44877	1.84	cps
Potassium	39-2	24606094	24796497	25037695	24813429	0.87	cps
Rhodium	103-1	13020264	13061041	13034780	13038695	0.16	cps
Rhodium	103-2	6243728	6269598	6259536	6257621	0.21	cps
Scandium	45-1	8676809	8747575	8761449	8728611	0.52	cps
Scandium	45-2	364864	367668	369871	367468	0.68	cps
Selenium	77-2	3174	3074	3347	3198	4.33	cps
Selenium	78-2	10611	10695	10802	10703	0.89	cps
Selenium	82-1	73761	75179	74713	74551	0.97	cps
Silicon	28-1	3375227	3445787	3529965	3450326	2.25	cps
Silver	109-1	5842508	5878591	5880477	5867192	0.36	cps
Silver	107-1	6238026	6273438	6297087	6269517	0.47	cps
Sodium	23-2	94326833	95228367	95937598	95164266	0.85	cps
Strontium	86-1	1713065	1731938	1722312	1722438	0.55	cps
Strontium	88-1	15025978	15094238	15155127	15091781	0.43	cps
Sulfur	34-1	635405	637731	648696	640611	1.11	cps
Terbium	159-1	19775989	19894795	19843405	19838063	0.30	cps
Terbium	159-2	9720336	9682098	9624759	9675731	0.50	cps
Thallium	203-1	5213817	5255509	5253279	5240868	0.45	cps
Thallium	205-1	12447919	12601341	12607269	12552177	0.72	cps
Tin	118-1	4296419	4381941	4394289	4357550	1.22	cps
Titanium	47-1	3372453	3430395	3440740	3414529	1.08	cps
Uranium	238-1	19012271	18910222	18938829	18953774	0.28	cps
Vanadium	51-2	1227167	1244717	1249153	1240346	0.94	cps
Yttrium	89-1	15399657	15463843	15536834	15466778	0.44	cps
Yttrium	89-2	2113058	2133242	2129980	2125427	0.51	cps
Zinc	66-2	464115	465961	468886	466321	0.52	cps
Zirconium	90-1	9381812	9462882	9502114	9448936	0.65	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:33:11	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2059110	2085800	2086849	2077253	0.76	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2017-11-08 17:36:47	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	92	117	122	27.56	cps
Antimony	121-1	18371	15100	15668	16380	10.67	cps
Arsenic	75-2	28	50	50	43	30.12	cps
Barium	135-1	375	275	192	281	32.72	cps
Barium	137-1	692	442	325	486	38.54	cps
Beryllium	9-1	178	250	222	217	16.82	cps
Bismuth	209-1	13291627	13349546	13214724	13285299	0.51	cps
Bismuth	209-2	7671531	7616309	7666192	7651344	0.40	cps
Boron	10-1	3134	2759	2650	2848	8.91	cps
Boron	11-1	14391	13398	12231	13340	8.11	cps
Cadmium	111-1	3031	3173	2861	3022	5.17	cps
Cadmium	106-1	4151	4443	4017	4204	5.17	cps
Cadmium	108-1	17	17	38	24	50.93	cps
Calcium	43-1	1200	1100	883	1061	15.26	cps
Calcium	44-1	62450	60592	62215	61752	1.64	cps
Chromium	52-2	1817	1797	1697	1770	3.63	cps
Cobalt	59-2	157	160	230	182	22.73	cps
Copper	63-2	3050	3114	3050	3071	1.19	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	108	67	67	81	29.86	cps
Erbium	164-2	43	23	20	29	43.68	cps
Gadolinium	160-1	117	92	92	100	14.43	cps
Gadolinium	160-2	133	103	123	120	12.73	cps
Holmium	165-1	20065354	19825946	19858714	19916671	0.65	cps
Holmium	165-2	9933177	9979165	10004541	9972295	0.36	cps
Indium	115-1	16201660	16104470	16255631	16187254	0.47	cps
Indium	115-2	2923126	2929400	2930004	2927510	0.13	cps
Iron	56-2	15446	13507	12545	13832	10.69	cps
Iron	57-2	483	428	428	446	7.19	cps
Lead	206-1	2189	2211	2356	2252	4.02	cps
Lead	207-1	1845	1867	2067	1926	6.36	cps
Lead	208-1	9079	8857	9146	9027	1.68	cps
Lithium	6-1	1542586	1564442	1558964	1555331	0.73	cps
Magnesium	24-2	1550	1467	1575	1531	3.71	cps
Manganese	55-2	163	97	123	128	26.26	cps

LB Number :	LB91497	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4809	4343	4042	4398	8.79	cps
Molybdenum	95-1	5876	5510	4918	5435	8.90	cps
Molybdenum	96-1	6510	6310	5568	6129	8.10	cps
Molybdenum	97-1	3951	3492	3142	3528	11.49	cps
Molybdenum	98-1	10104	8636	7894	8878	12.67	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	197	157	180	178	11.30	cps
Phosphorus	31-2	125	133	125	128	3.76	cps
Potassium	39-2	21349	22142	22067	21853	2.00	cps
Rhodium	103-1	14656191	14644611	14566247	14622350	0.33	cps
Rhodium	103-2	6936333	6921732	6990868	6949644	0.52	cps
Scandium	45-1	9154039	9192707	9121045	9155931	0.39	cps
Scandium	45-2	365625	374060	375880	371855	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	65	52	55	15.93	cps
Selenium	82-1	-62	25	47	3	1751.96	cps
Silicon	28-1	210898	209473	206605	208992	1.05	cps
Silver	109-1	825	692	525	681	22.09	cps
Silver	107-1	992	725	792	836	16.60	cps
Sodium	23-2	25280	25706	24604	25197	2.21	cps
Strontium	86-1	783	717	808	770	6.16	cps
Strontium	88-1	1067	975	992	1011	4.83	cps
Sulfur	34-1	255216	256741	252395	254784	0.87	cps
Terbium	159-1	20484723	20580162	20509651	20524845	0.24	cps
Terbium	159-2	9863888	9876873	9954097	9898286	0.49	cps
Thallium	203-1	1775	1817	1533	1709	8.96	cps
Thallium	205-1	4693	4559	4009	4420	8.20	cps
Tin	118-1	4518	3801	3742	4020	10.74	cps
Titanium	47-1	325	542	342	403	29.93	cps
Uranium	238-1	1225	1033	767	1008	22.83	cps
Vanadium	51-2	47	30	30	36	27.07	cps
Yttrium	89-1	16285897	16278202	16190901	16251667	0.32	cps
Yttrium	89-2	2167244	2174185	2162665	2168031	0.27	cps
Zinc	66-2	3744	3721	3714	3726	0.42	cps
Zirconium	90-1	3426	3284	3192	3301	3.56	cps

LB Number :	LB91497	Operator :	Jaswal
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	783	783	800	789	1.22	cps