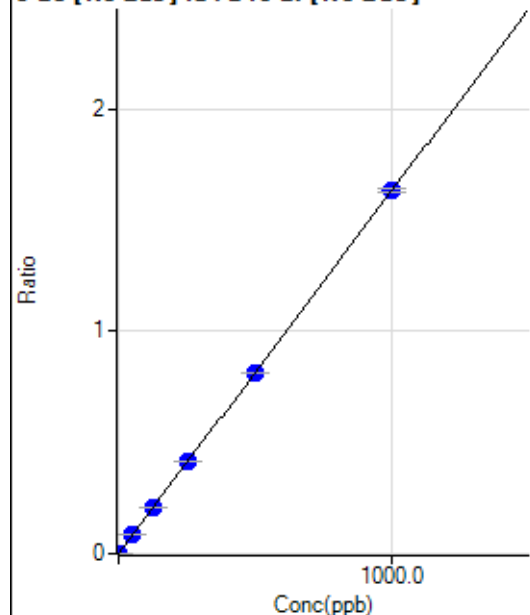


Batch Folder: D:\ICP-MS Data\P7041317.b\
Analysis File: P7041317.batch.bin
DA Date-Time: 2017-04-17 12:50:59
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-04-13 16:11:52
2	004CALS.d	S01	2017-04-13 16:20:27
3	005CALS.d	S02	2017-04-13 16:24:14
4	006CALS.d	S03	2017-04-13 16:28:01
5	007CALS.d	S04	2017-04-13 16:32:06
6	008CALS.d	S05	2017-04-13 16:35:47
7	009CALS.d	S06	2017-04-13 16:39:23
8	010CALS.d	S07	2017-04-13 16:42:53
9	011CALS.d	S08	2017-04-13 16:46:21

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0001	P	34.9
2	☐	0.100	0.037	357.42	0.0002	P	0.6
3	☐	1.000	0.914	3178.21	0.0016	P	4.4
4	☐	50.000	50.498	162656.93	0.0825	P	0.6
5	☐	125.000	126.672	400238.69	0.2067	P	0.3
6	☐	250.000	252.943	801009.29	0.4126	P	0.3
7	☐	500.000	497.106	1563662.59	0.8107	P	0.4
8	☐	1000.000	1000.477	2977153.94	1.6316	P	1.0
9	☐			592.62	0.0004	P	5.9

$$y = 0.0016 * x + 1.1953E-004$$

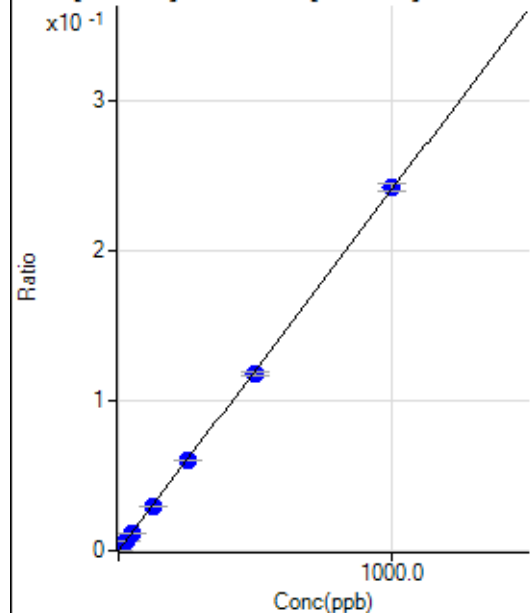
$$R = 1.0000$$

$$DL = 0.07671$$

$$BEC = 0.0733$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0001	P	21.4
2	☐	2.500	1.964	1116.76	0.0006	P	2.4
3	☐	25.000	23.934	11521.47	0.0058	P	1.1
4	☐	50.000	48.686	23224.25	0.0118	P	3.6
5	☐	125.000	121.558	56657.10	0.0293	P	2.9
6	☐	250.000	248.649	116009.92	0.0598	P	0.8
7	☐	500.000	490.153	227009.38	0.1177	P	1.2
8	☐	1000.000	1005.785	440478.92	0.2414	P	2.2
9	☐			9297.65	0.0055	P	10.0

$$y = 2.3995E-004 * x + 9.2292E-005$$

$$R = 0.9999$$

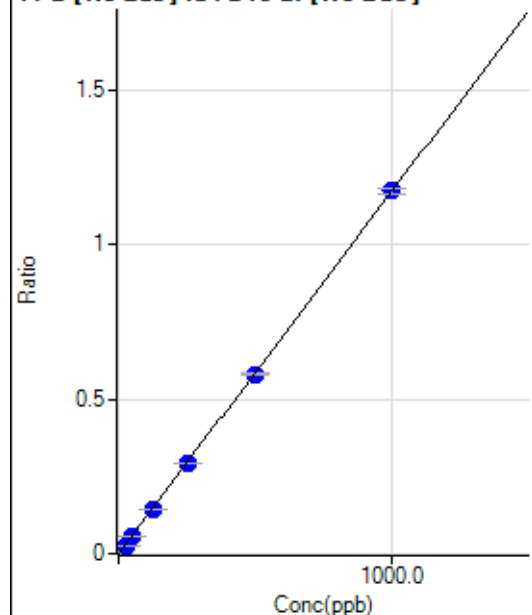
$$DL = 0.2468$$

$$BEC = 0.3846$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	675.05	0.0003	P	3.7
2	☐	2.500	2.403	6215.43	0.0031	P	3.5
3	☐	25.000	23.396	54624.61	0.0277	P	0.9
4	☐	50.000	49.253	114153.95	0.0579	P	1.4
5	☐	125.000	123.309	279612.04	0.1444	P	1.5
6	☐	250.000	249.763	567181.00	0.2921	P	0.2
7	☐	500.000	494.824	1115690.45	0.5785	P	1.1
8	☐	1000.000	1002.937	2138616.56	1.1721	P	1.6
9	☐			46692.69	0.0279	P	7.1

$$y = 0.0012 * x + 3.2948E-004$$

$$R = 1.0000$$

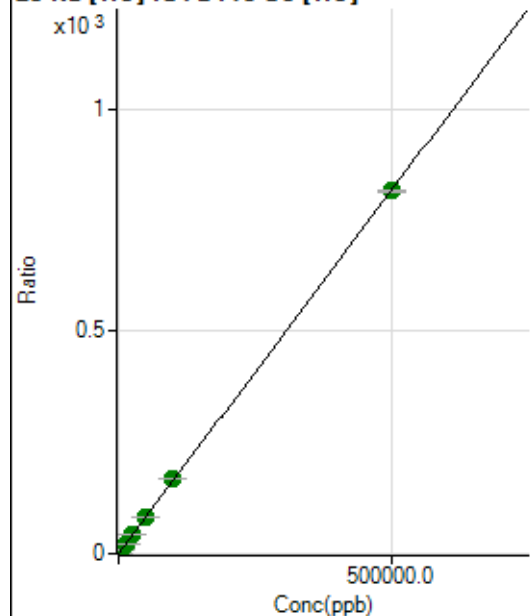
$$DL = 0.03167$$

$$BEC = 0.282$$

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	43151.74	0.0911	P	2.7
2	☐	50.000	49.529	80915.63	0.1720	P	1.1
3	☐	500.000	503.459	431071.17	0.9139	P	0.4
4	☐	5000.000	5207.639	4059846.01	8.6022	A	0.9
5	☐	12500.000	13048.347	10064133.82	21.4167	A	0.6
6	☐	25000.000	26117.047	19820935.17	42.7755	A	0.9
7	☐	50000.000	51376.083	38270468.21	84.0576	A	0.2
8	☐	100000.00	102645.58	76653960.05	167.8500	A	0.8
9	☐	500000.00	499261.63	381546119.64	816.0596	A	0.7

$$y = 0.0016 * x + 0.0911$$

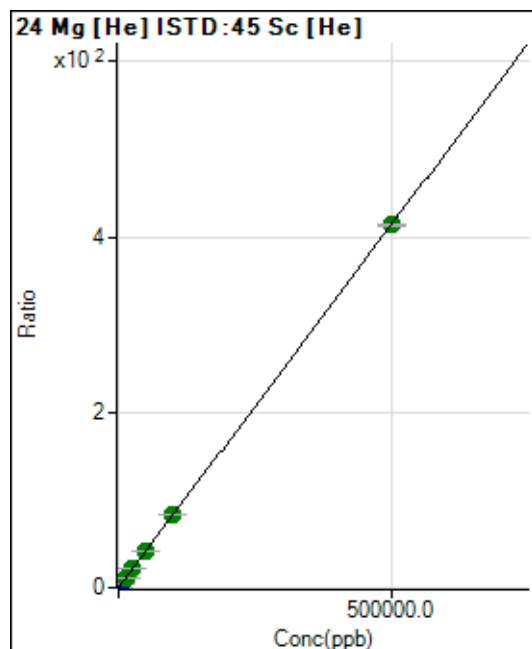
$$R = 1.0000$$

$$DL = 4.435$$

$$BEC = 55.74$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0004	P	21.6
2	☐	50.000	50.129	19705.21	0.0419	P	1.5
3	☐	500.000	506.767	198156.32	0.4201	P	0.9
4	☐	5000.000	5246.940	2051184.92	4.3462	P	1.2
5	☐	12500.000	13057.115	5082331.32	10.8152	A	0.3
6	☐	25000.000	26112.339	10021892.41	21.6284	A	0.6
7	☐	50000.000	51135.687	19283374.56	42.3544	A	0.8
8	☐	100000.00	101108.82	38245694.60	83.7455	A	0.6
9	☐	500000.00	499592.64	193472244.60	413.7968	A	0.4

$$y = 8.2827\text{E-}004 * x + 3.7555\text{E-}004$$

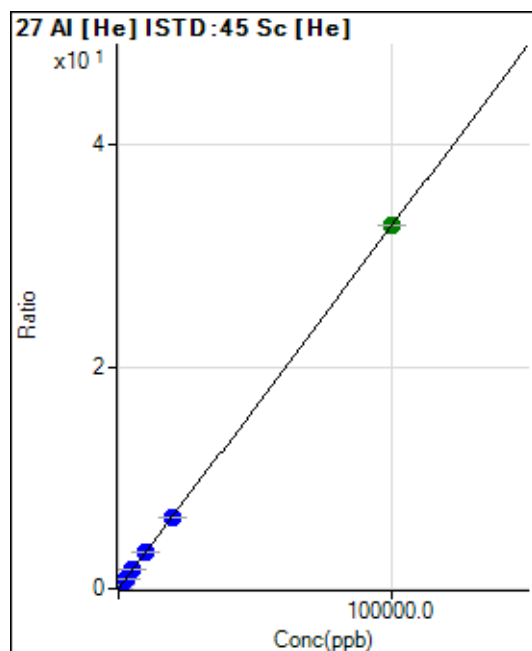
$$R = 1.0000$$

$$DL = 0.2938$$

$$BEC = 0.4534$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0002	P	22.7
2	☐	2.000	2.442	450.03	0.0010	P	8.9
3	☐	20.000	20.240	3194.92	0.0068	P	7.2
4	☐	1000.000	1027.851	158613.49	0.3361	P	1.5
5	☐	2500.000	2538.535	389967.43	0.8298	P	0.8
6	☐	5000.000	5079.161	769264.00	1.6602	P	0.6
7	☐	10000.000	10200.399	1517865.35	3.3339	P	0.9
8	☐	20000.000	19650.485	2932976.74	6.4225	P	1.0
9	☐	100000.00	100044.66	15287765.97	32.6974	A	0.2

$$y = 3.2683\text{E-}004 * x + 1.5843\text{E-}004$$

$$R = 1.0000$$

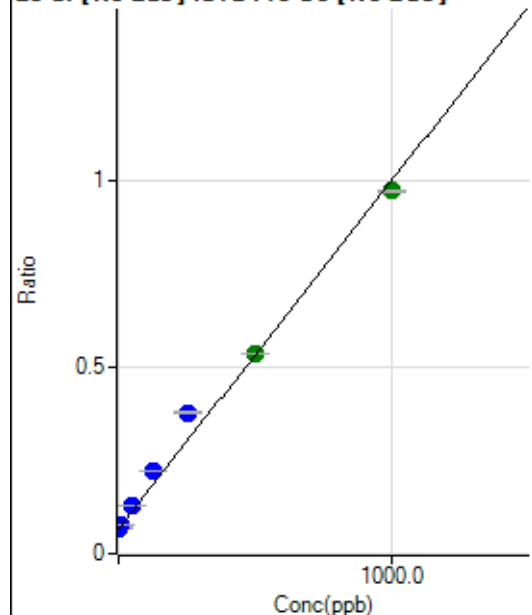
$$DL = 0.3295$$

$$BEC = 0.4848$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	676497.42	0.0666	P	0.7
2	☐	1.000	3.088	698601.66	0.0695	P	1.5
3	☐	10.000	12.893	792674.20	0.0787	P	0.1
4	☐	50.000	66.570	1299778.46	0.1288	P	0.5
5	☐	125.000	166.781	2235137.46	0.2224	P	1.3
6	☐	250.000	333.541	3780682.46	0.3781	P	1.1
7	☐	500.000	503.976	5307311.79	0.5372	A	0.4
8	☐	1000.000	971.045	9597794.92	0.9733	A	0.4
9	☐			1678244.79	0.1748	P	2.4

$$y = 9.3371\text{E-}004 * x + 0.0666$$

$$R = 0.9957$$

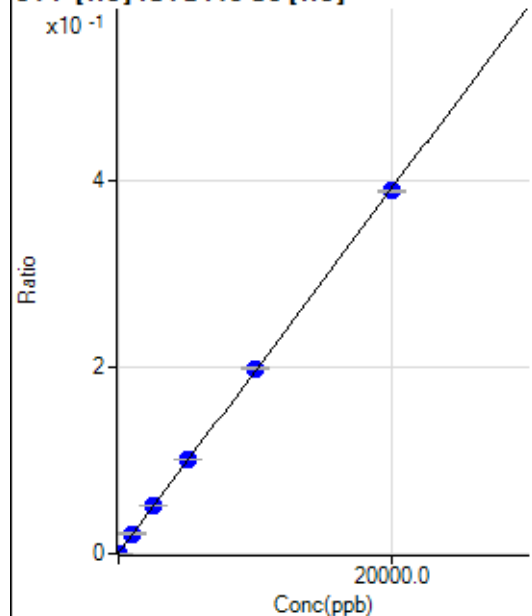
$$DL = 1.48$$

$$BEC = 71.37$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	3.782	330.57	0.0007	P	20.7
2	☐	0.000	-4.714	250.02	0.0005	P	17.7
3	☐	0.000	0.932	302.79	0.0006	P	16.1
4	☐	1000.000	1058.324	10059.33	0.0213	P	5.6
5	☐	2500.000	2620.730	24365.22	0.0519	P	2.0
6	☐	5000.000	5138.398	46829.79	0.1011	P	0.2
7	☐	10000.000	10126.921	90411.97	0.1986	P	0.7
8	☐	20000.000	19883.933	177791.17	0.3893	P	0.3
9	☐			413.91	0.0009	P	18.3

$$y = 1.9547\text{E-}005 * x + 6.2372\text{E-}004$$

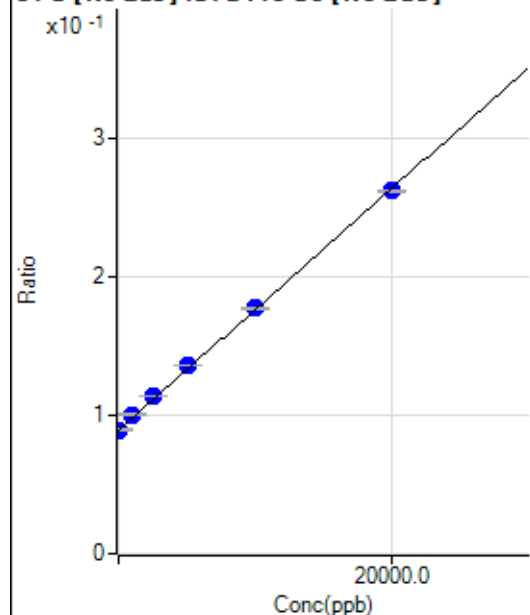
$$R = 0.9999$$

$$DL = 17.48$$

$$BEC = 31.91$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-44.279	900521.75	0.0887	P	0.8
2	☐	0.000	7.307	895958.42	0.0892	P	1.0
3	☐	0.000	36.972	900886.89	0.0894	P	0.6
4	☐	1000.000	1278.558	1011656.65	0.1002	P	0.7
5	☐	2500.000	2811.812	1142110.89	0.1136	P	0.8
6	☐	5000.000	5355.010	1358041.27	0.1358	P	0.5
7	☐	10000.000	10110.660	1751379.42	0.1773	P	0.7
8	☐	20000.000	19803.013	2581790.44	0.2618	P	0.2
9	☐			795819.28	0.0829	P	0.9

$$y = 8.7219\text{E-}006 * x + 0.0891$$

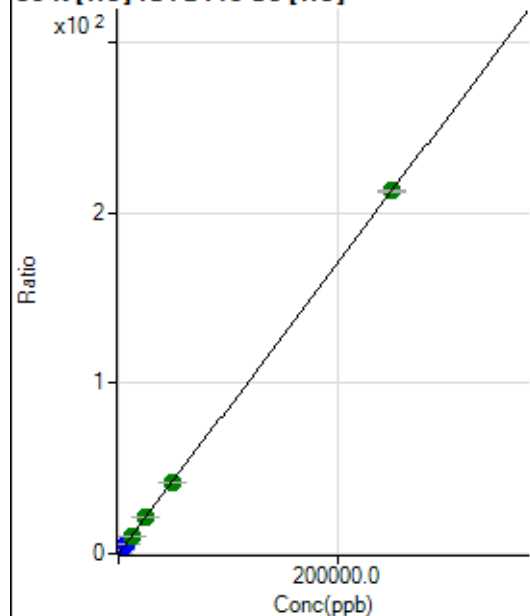
$$R = 0.9997$$

$$DL = 244.6$$

$$BEC = 1.022\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56026.27	0.1183	P	0.4
2	☐	50.000	52.251	76542.38	0.1627	P	0.6
3	☐	500.000	484.177	250130.07	0.5303	P	1.0
4	☐	2500.000	2494.088	1057544.37	2.2407	P	0.4
5	☐	6250.000	6319.454	2582732.67	5.4960	P	0.5
6	☐	12500.000	12379.712	4936381.93	10.6532	A	0.6
7	☐	25000.000	24531.361	9558343.53	20.9941	A	0.5
8	☐	50000.000	48743.804	18997562.58	41.5985	A	0.8
9	☐	250000.00	250302.47	99647042.50	213.1216	A	0.7

$$y = 8.5098\text{E-}004 * x + 0.1183$$

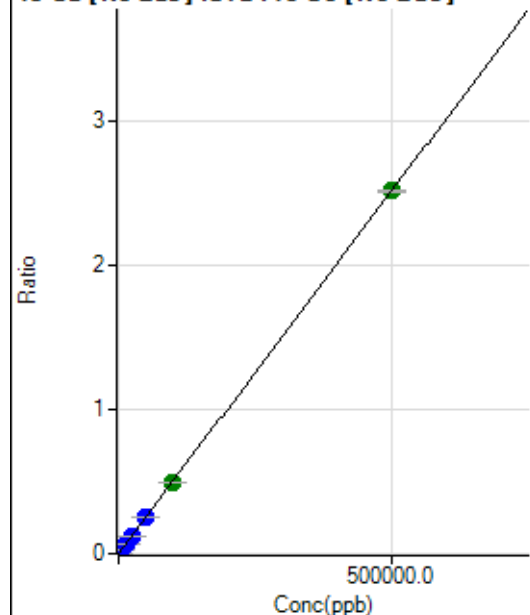
$$R = 1.0000$$

$$DL = 1.656$$

$$BEC = 139$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	600.04	0.0001	P	8.9
2	☐	50.000	47.292	2983.76	0.0003	P	1.7
3	☐	500.000	473.684	24593.51	0.0024	P	0.9
4	☐	5000.000	4953.127	251939.24	0.0250	P	1.5
5	☐	12500.000	12420.539	628439.30	0.0625	P	0.8
6	☐	25000.000	24745.030	1244938.65	0.1245	P	0.8
7	☐	50000.000	49426.204	2455996.98	0.2486	P	0.7
8	☐	100000.00	99174.705	4918377.32	0.4988	A	0.3
9	☐	500000.00	500237.66	24142751.23	2.5156	A	0.8

$$y = 5.0286\text{E-}006 * x + 5.9125\text{E-}005$$

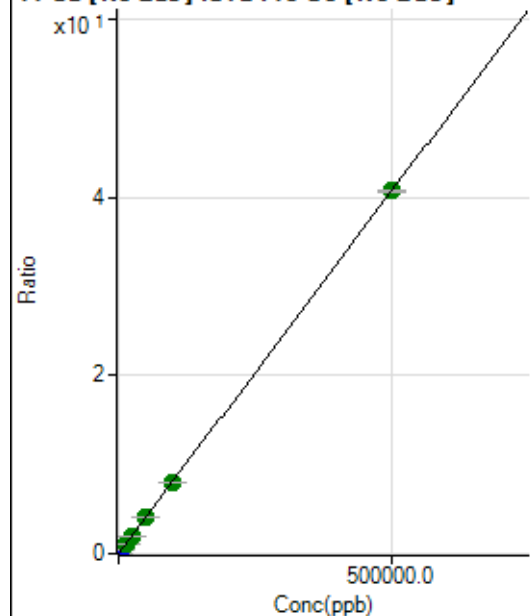
$$R = 1.0000$$

$$DL = 3.134$$

$$BEC = 11.76$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27259.65	0.0027	P	2.7
2	☐	50.000	48.236	66413.67	0.0066	P	1.5
3	☐	500.000	476.245	417295.23	0.0414	P	0.8
4	☐	5000.000	4965.456	4102654.95	0.4065	P	0.4
5	☐	12500.000	12397.139	10162882.43	1.0110	A	0.2
6	☐	25000.000	24660.517	20083957.22	2.0084	A	0.6
7	☐	50000.000	49425.291	39740426.24	4.0226	A	0.1
8	☐	100000.00	98381.635	78930390.65	8.0043	A	0.4
9	☐	500000.00	500401.05	390610297.62	40.7015	A	0.5

$$y = 8.1332\text{E-}005 * x + 0.0027$$

$$R = 1.0000$$

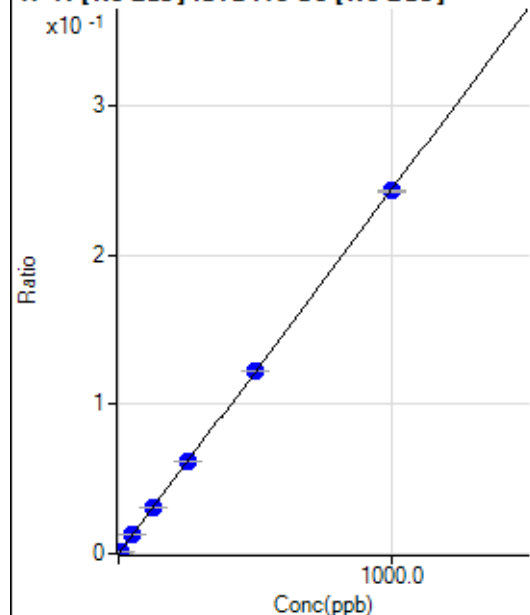
$$DL = 2.633$$

$$BEC = 33.02$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0000	P	39.9
2	☐	0.500	0.486	1427.90	0.0001	P	5.4
3	☐	5.000	4.712	11821.89	0.0012	P	4.6
4	☐	50.000	50.523	124666.22	0.0124	P	1.3
5	☐	125.000	126.957	311679.85	0.0310	P	1.1
6	☐	250.000	254.259	620760.40	0.0621	P	0.7
7	☐	500.000	502.645	1212137.59	0.1227	P	0.4
8	☐	1000.000	997.343	2400464.44	0.2434	P	0.4
9	☐			7178.58	0.0007	P	98.7

$$y = 2.4405E-004 * x + 2.3508E-005$$

$$R = 1.0000$$

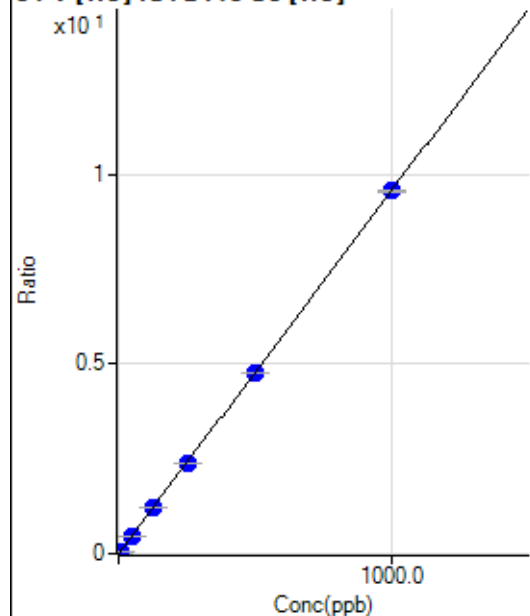
$$DL = 0.1154$$

$$BEC = 0.09633$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	92.23	0.0002	P	10.1
2	☐	0.500	0.464	2176.86	0.0046	P	3.6
3	☐	5.000	4.812	21784.13	0.0462	P	1.7
4	☐	50.000	50.019	225722.80	0.4783	P	0.7
5	☐	125.000	125.909	565609.45	1.2036	P	0.3
6	☐	250.000	251.218	1112670.07	2.4013	P	0.3
7	☐	500.000	499.895	2175426.69	4.7781	P	0.2
8	☐	1000.000	999.634	4363456.22	9.5545	P	0.5
9	☐			1529.00	0.0033	P	2.4

$$y = 0.0096 * x + 1.9465E-004$$

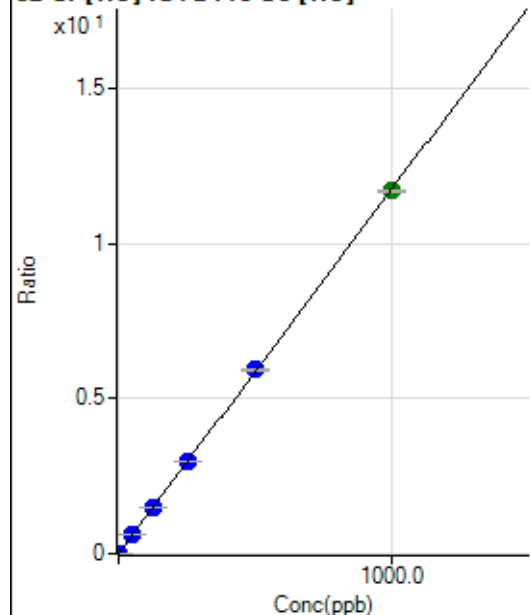
$$R = 1.0000$$

$$DL = 0.006165$$

$$BEC = 0.02037$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1022.28	0.0022	P	6.1
2	☐	0.200	0.206	2155.75	0.0046	P	5.4
3	☐	2.000	2.104	12676.73	0.0269	P	0.4
4	☐	50.000	50.648	281864.77	0.5972	P	0.4
5	☐	125.000	127.466	704761.32	1.4997	P	0.5
6	☐	250.000	255.018	1389314.13	2.9983	P	0.5
7	☐	500.000	504.409	2699143.71	5.9284	P	0.3
8	☐	1000.000	996.200	5346232.66	11.7064	A	0.3
9	☐			120567.74	0.2579	P	0.6

$$y = 0.0117 * x + 0.0022$$

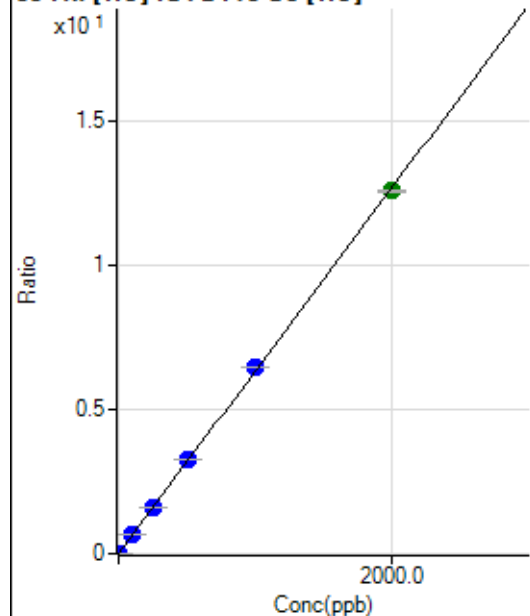
$$R = 1.0000$$

$$DL = 0.03378$$

$$BEC = 0.1837$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0002	P	25.7
2	☐	0.100	0.096	385.57	0.0008	P	3.4
3	☐	1.000	0.994	3063.70	0.0065	P	6.4
4	☐	100.000	102.337	305423.53	0.6471	P	0.5
5	☐	250.000	256.188	761134.72	1.6197	P	0.3
6	☐	500.000	512.704	1501849.37	3.2412	P	0.3
7	☐	1000.000	1019.063	2933014.57	6.4420	P	0.2
8	☐	2000.000	1986.402	5734693.45	12.5569	A	0.2
9	☐			22674.38	0.0485	P	0.7

$$y = 0.0063 * x + 2.1130E-004$$

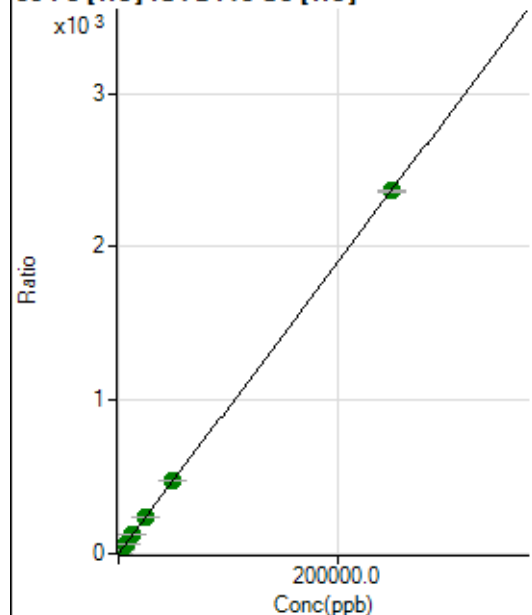
$$R = 0.9999$$

$$DL = 0.02577$$

$$BEC = 0.03343$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5993.99	0.0127	P	5.2
2	☐	5.000	4.936	27919.67	0.0594	P	1.6
3	☐	50.000	49.721	227900.53	0.4832	P	0.9
4	☐	2500.000	2591.178	11578788.11	24.5334	A	0.6
5	☐	6250.000	6501.020	28916224.03	61.5329	A	0.4
6	☐	12500.000	12941.013	56751386.92	122.4757	A	0.4
7	☐	25000.000	25728.812	110859590.44	243.4888	A	0.4
8	☐	50000.000	50519.730	218338382.66	478.0894	A	0.4
9	☐	250000.00	249793.93	1105231772.8	2,363.855	A	0.3

$$y = 0.0095 * x + 0.0127$$

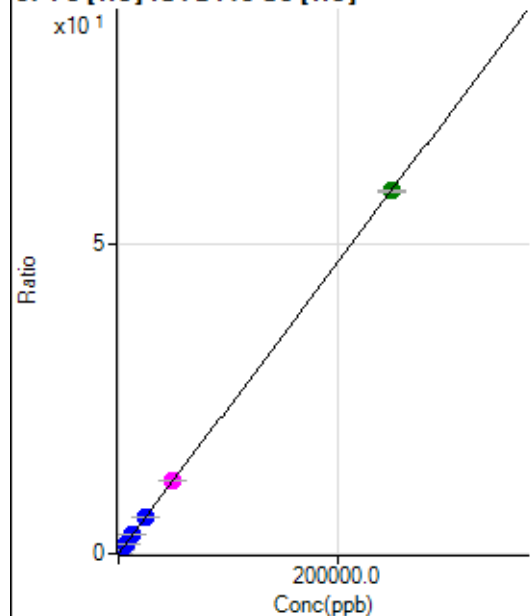
$$R = 1.0000$$

$$DL = 0.2099$$

$$BEC = 1.337$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	129.64	0.0003	P	28.9
2	☐	5.000	4.826	661.15	0.0014	P	10.4
3	☐	50.000	50.175	5680.94	0.0120	P	4.5
4	☐	2500.000	2551.509	282616.18	0.5988	P	0.8
5	☐	6250.000	6453.076	711492.22	1.5141	P	0.5
6	☐	12500.000	12854.081	1397333.54	3.0156	P	0.3
7	☐	25000.000	25629.362	2737418.78	6.0125	P	0.2
8	☐	50000.000	50419.896	5401694.57	11.8279	M	0.4
9	☐	250000.00	249829.78	27401346.68	58.6060	A	0.6

$$y = 2.3458E-004 * x + 2.7384E-004$$

$$R = 1.0000$$

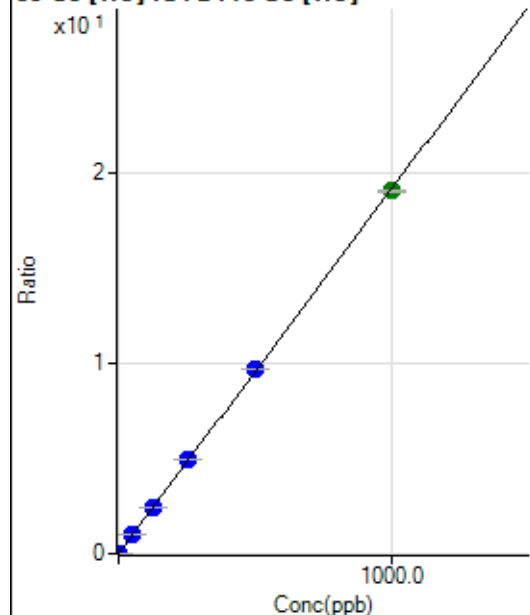
$$DL = 1.011$$

$$BEC = 1.167$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	428.90	0.0009	P	14.5
2	☐	0.100	0.076	1105.62	0.0024	P	3.9
3	☐	1.000	0.970	9180.77	0.0195	P	2.0
4	☐	50.000	51.318	463922.88	0.9830	P	1.0
5	☐	125.000	128.013	1151663.28	2.4507	P	0.1
6	☐	250.000	256.153	2271847.21	4.9029	P	0.3
7	☐	500.000	505.678	4406369.00	9.6781	P	0.1
8	☐	1000.000	995.180	8698141.05	19.0458	A	0.2
9	☐			11073.22	0.0237	P	1.6

$$y = 0.0191 * x + 9.0586E-004$$

$$R = 1.0000$$

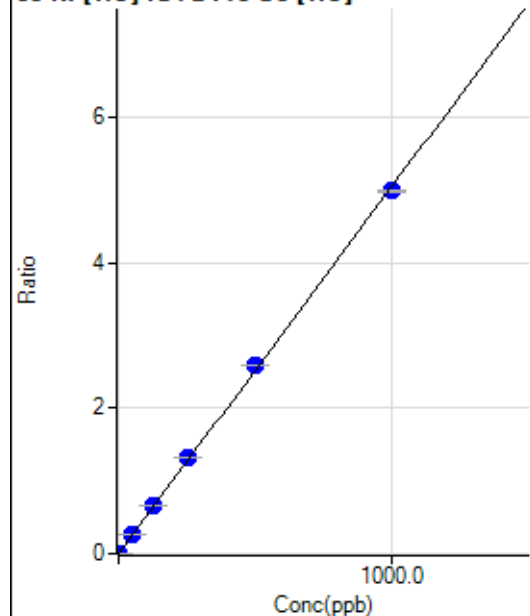
$$DL = 0.02059$$

$$BEC = 0.04734$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.23	0.0004	P	3.8
2	☐	0.100	0.073	354.46	0.0008	P	15.5
3	☐	1.000	1.046	2666.96	0.0057	P	1.9
4	☐	50.000	53.009	126176.56	0.2673	P	0.6
5	☐	125.000	130.672	309431.26	0.6585	P	0.3
6	☐	250.000	260.525	608135.61	1.3124	P	0.3
7	☐	500.000	514.073	1178909.94	2.5893	P	0.3
8	☐	1000.000	989.473	2275887.03	4.9835	P	0.8
9	☐			28333.13	0.0606	P	0.7

$$y = 0.0050 * x + 3.8469E-004$$

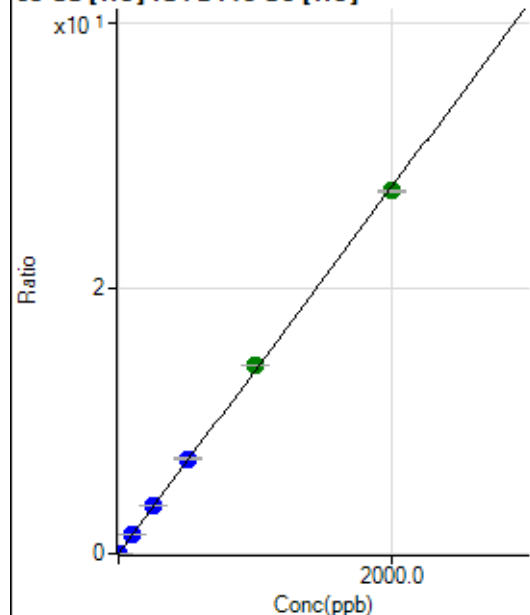
$$R = 0.9998$$

$$DL = 0.008647$$

$$BEC = 0.07639$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5774.56	0.0122	P	3.4
2	☐	0.200	0.217	7139.63	0.0152	P	1.1
3	☐	2.000	2.434	21596.14	0.0458	P	1.6
4	☐	100.000	105.150	690773.74	1.4637	P	1.2
5	☐	250.000	262.000	1705255.22	3.6288	P	0.6
6	☐	500.000	518.816	3324083.66	7.1738	P	0.6
7	☐	1000.000	1026.349	6455879.00	14.1797	A	0.5
8	☐	2000.000	1980.363	12490023.84	27.3488	A	0.5
9	☐			21766.41	0.0466	P	0.7

$$y = 0.0138 * x + 0.0122$$

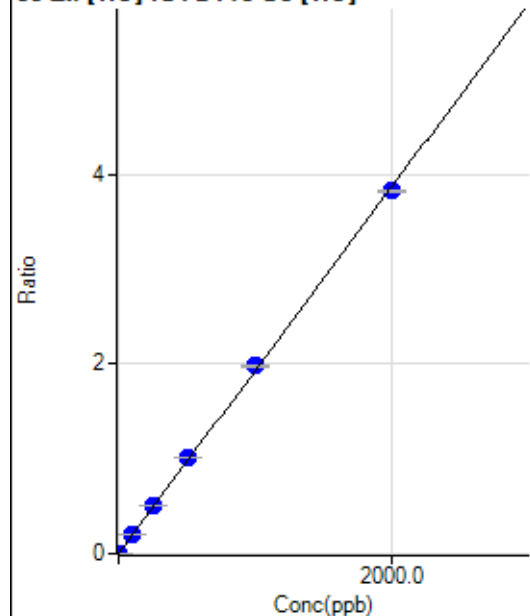
$$R = 0.9998$$

$$DL = 0.09039$$

$$BEC = 0.8832$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.12	0.0007	P	10.4
2	☐	0.200	0.210	500.02	0.0011	P	3.2
3	☐	2.000	2.146	2265.77	0.0048	P	3.1
4	☐	100.000	105.109	96176.34	0.2038	P	0.8
5	☐	250.000	264.869	240844.54	0.5125	P	0.5
6	☐	500.000	521.564	467340.08	1.0086	P	0.6
7	☐	1000.000	1024.439	901643.48	1.9804	P	0.4
8	☐	2000.000	1980.275	1747967.42	3.8276	P	0.8
9	☐			16820.98	0.0360	P	1.0

$$y = 0.0019 * x + 6.5680E-004$$

$$R = 0.9998$$

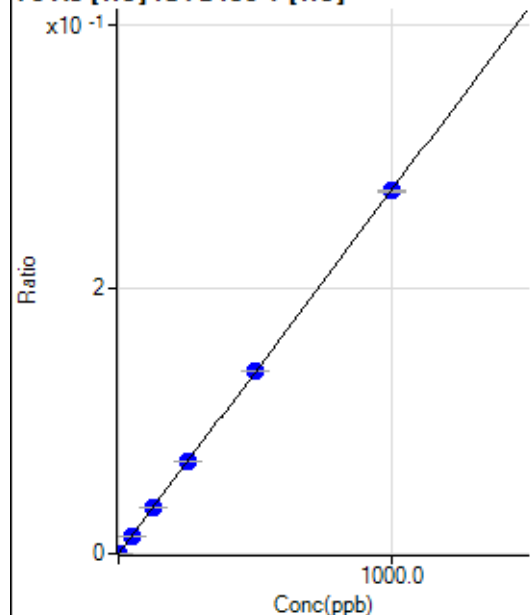
$$DL = 0.1057$$

$$BEC = 0.3399$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.10	0.0000	P	41.4
2	☐	0.100	0.082	82.72	0.0000	P	3.4
3	☐	1.000	0.982	649.41	0.0003	P	3.7
4	☐	50.000	49.781	31269.42	0.0137	P	0.9
5	☐	125.000	125.863	78742.89	0.0346	P	0.5
6	☐	250.000	253.327	156753.97	0.0696	P	0.3
7	☐	500.000	501.377	305214.21	0.1378	P	0.4
8	☐	1000.000	998.383	604162.54	0.2743	P	0.4
9	☐			971.65	0.0004	P	5.7

$$y = 2.7475\text{E-}004 * x + 1.3968\text{E-}005$$

$$R = 1.0000$$

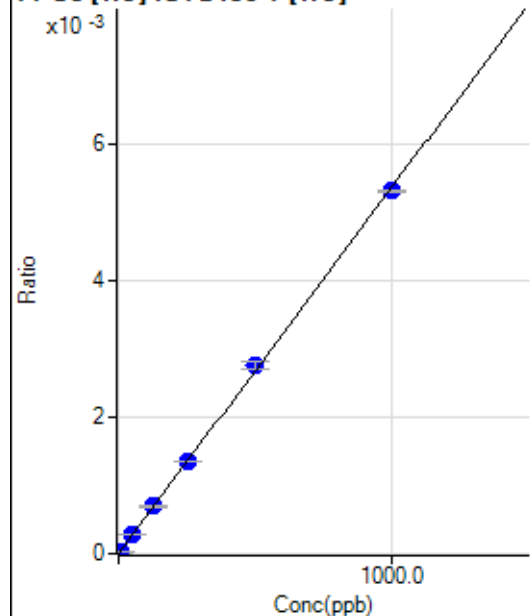
$$DL = 0.06318$$

$$BEC = 0.05084$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	0.500	0.363	6.67	0.0000	P	132.
3	☐	5.000	4.801	61.11	0.0000	P	8.4
4	☐	50.000	52.884	650.03	0.0003	P	6.6
5	☐	125.000	129.803	1586.78	0.0007	P	5.8
6	☐	250.000	251.604	3040.37	0.0014	P	1.5
7	☐	500.000	514.746	6118.06	0.0028	P	4.1
8	☐	1000.000	991.482	11712.67	0.0053	P	0.8
9	☐			24.44	0.0000	P	47.5

$$y = 5.3629\text{E-}006 * x + 9.7382\text{E-}007$$

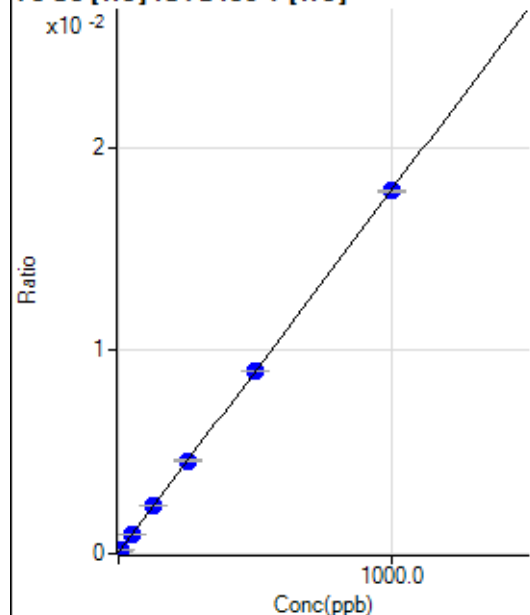
$$R = 0.9998$$

$$DL = 0.9435$$

$$BEC = 0.1816$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.93	0.0001	P	11.0
2	☐	0.500	0.757	155.56	0.0001	P	16.4
3	☐	5.000	5.079	332.72	0.0001	P	4.0
4	☐	50.000	51.254	2213.77	0.0010	P	4.5
5	☐	125.000	130.492	5423.27	0.0024	P	0.8
6	☐	250.000	252.787	10277.17	0.0046	P	1.5
7	☐	500.000	501.150	19927.32	0.0090	P	0.3
8	☐	1000.000	997.978	39329.14	0.0179	P	0.5
9	☐			220.99	0.0001	P	9.5

$$y = 1.7838\text{E-}005 * x + 5.4881\text{E-}005$$

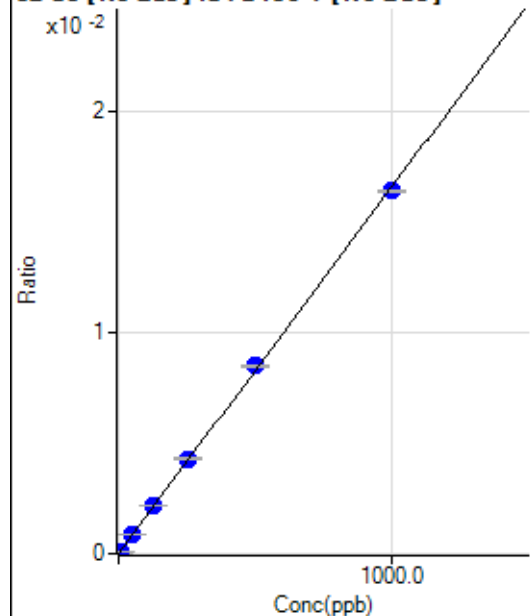
$$R = 1.0000$$

$$DL = 1.013$$

$$BEC = 3.077$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.59	0.0000	P	18.8
2	☐	0.500	0.090	138.10	0.0000	P	68.3
3	☐	5.000	4.396	1281.19	0.0001	P	4.7
4	☐	50.000	51.533	13948.86	0.0009	P	0.4
5	☐	125.000	131.187	34864.76	0.0022	P	1.2
6	☐	250.000	259.126	68772.73	0.0043	P	0.6
7	☐	500.000	512.825	134840.07	0.0085	P	0.5
8	☐	1000.000	990.459	262065.91	0.0164	P	0.6
9	☐			374.91	0.0000	P	76.4

$$y = 1.6547\text{E-}005 * x + 7.1450\text{E-}006$$

$$R = 0.9998$$

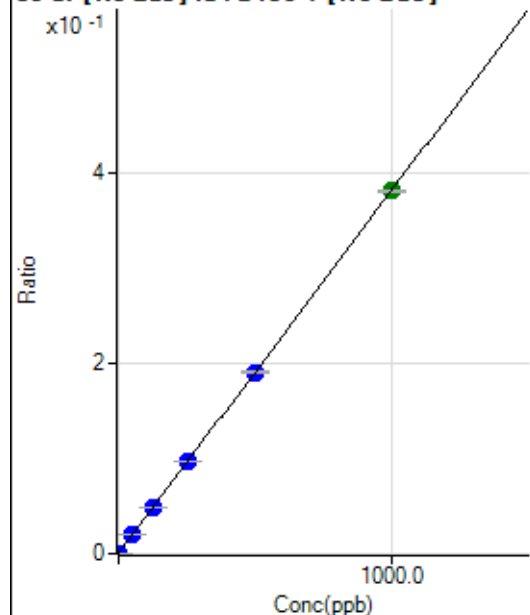
$$DL = 0.243$$

$$BEC = 0.4318$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5415.13	0.0003	P	3.9
2	☐	0.100	0.011	5440.14	0.0003	P	4.6
3	☐	1.000	0.833	10473.73	0.0007	P	2.5
4	☐	50.000	50.199	316542.53	0.0195	P	0.3
5	☐	125.000	125.947	775615.99	0.0485	P	1.1
6	☐	250.000	252.234	1548411.31	0.0967	P	0.4
7	☐	500.000	500.020	3038254.19	0.1914	P	0.3
8	☐	1000.000	999.303	6107443.02	0.3821	A	0.6
9	☐			169629.80	0.0111	P	0.2

$$y = 3.8204\text{E-}004 * x + 3.3490\text{E-}004$$

$$R = 1.0000$$

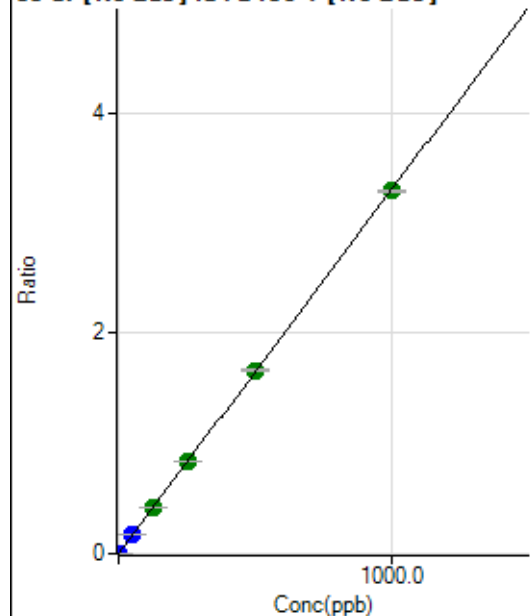
$$DL = 0.1027$$

$$BEC = 0.8766$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	711.16	0.0000	P	12.2
2	☐	0.100	0.085	5231.75	0.0003	P	3.5
3	☐	1.000	0.875	47017.02	0.0029	P	1.5
4	☐	50.000	50.773	2719012.72	0.1676	P	0.6
5	☐	125.000	127.160	6719019.51	0.4197	A	0.1
6	☐	250.000	252.673	13354180.25	0.8339	A	0.2
7	☐	500.000	504.171	26419077.68	1.6640	A	0.4
8	☐	1000.000	996.938	52589181.73	3.2902	A	0.4
9	☐			1434797.79	0.0940	P	0.1

$$y = 0.0033 * x + 4.3978\text{E-}005$$

$$R = 1.0000$$

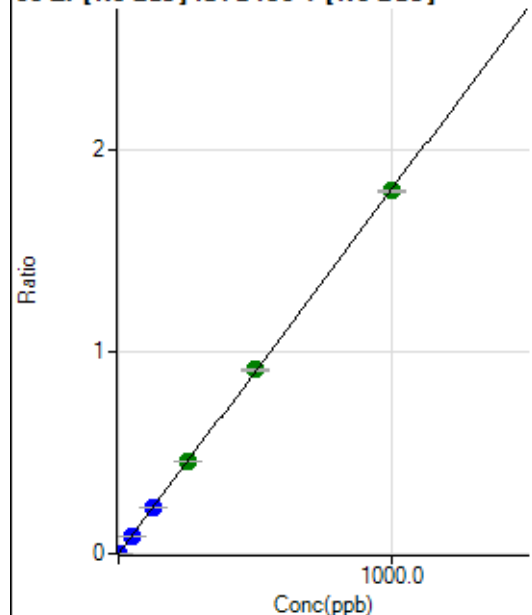
$$DL = 0.004865$$

$$BEC = 0.01333$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1247.33	0.0001	P	8.1
2	☐	0.100	0.068	3217.18	0.0002	P	1.9
3	☐	1.000	0.820	24958.84	0.0016	P	3.4
4	☐	50.000	49.502	1449926.65	0.0894	P	0.4
5	☐	125.000	126.572	3656663.02	0.2284	P	0.5
6	☐	250.000	252.520	7296036.71	0.4556	A	0.9
7	☐	500.000	505.345	14475469.59	0.9117	A	0.7
8	☐	1000.000	996.526	28735515.22	1.7978	A	0.7
9	☐			9309.02	0.0006	P	8.2

$$y = 0.0018 * x + 7.7176E-005$$

$$R = 1.0000$$

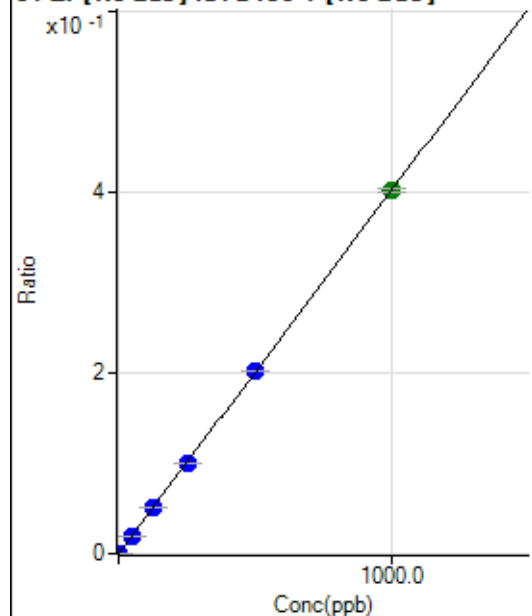
$$DL = 0.01045$$

$$BEC = 0.04278$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.34	0.0000	P	29.4
2	☐	0.100	0.077	730.61	0.0000	P	9.6
3	☐	1.000	0.847	5693.07	0.0004	P	4.0
4	☐	50.000	49.252	321322.91	0.0198	P	1.2
5	☐	125.000	125.236	805984.24	0.0503	P	0.4
6	☐	250.000	250.777	1614159.04	0.1008	P	0.3
7	☐	500.000	502.370	3205849.18	0.2019	P	0.2
8	☐	1000.000	998.629	6415062.12	0.4014	A	1.0
9	☐			1947.43	0.0001	P	2.7

$$y = 4.0190E-004 * x + 1.4437E-005$$

$$R = 1.0000$$

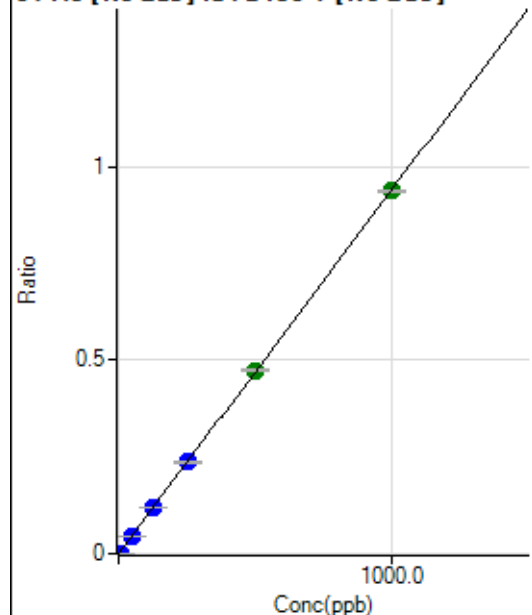
$$DL = 0.0317$$

$$BEC = 0.03592$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	950.08	0.0001	P	11.3
2	☐	0.500	0.152	3228.30	0.0002	P	4.3
3	☐	5.000	1.985	30845.31	0.0019	P	1.8
4	☐	50.000	49.581	756429.72	0.0466	P	0.8
5	☐	125.000	124.838	1878147.70	0.1173	P	0.4
6	☐	250.000	251.294	3780700.39	0.2361	P	0.6
7	☐	500.000	503.218	7505516.75	0.4727	A	1.1
8	☐	1000.000	998.124	14986244.43	0.9376	A	0.6
9	☐			27229.79	0.0018	P	9.3

$$y = 9.3931E-004 * x + 5.8779E-005$$

$$R = 1.0000$$

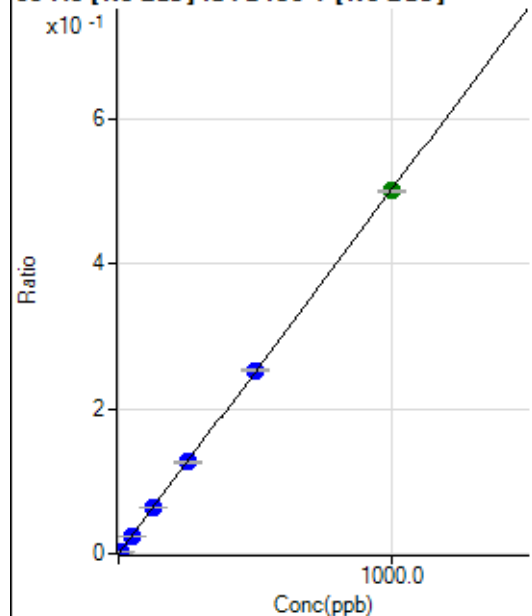
$$DL = 0.02122$$

$$BEC = 0.06258$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	733.38	0.0000	P	3.7
2	☐	0.500	0.406	4000.74	0.0002	P	3.3
3	☐	5.000	4.666	38291.21	0.0024	P	2.1
4	☐	50.000	49.401	402963.14	0.0248	P	0.3
5	☐	125.000	125.787	1011397.32	0.0632	P	0.6
6	☐	250.000	251.634	2023076.83	0.1263	P	0.8
7	☐	500.000	504.224	4018681.86	0.2531	P	0.9
8	☐	1000.000	997.413	8002106.52	0.5007	A	0.4
9	☐			41436.59	0.0027	P	8.0

$$y = 5.0190E-004 * x + 4.5358E-005$$

$$R = 1.0000$$

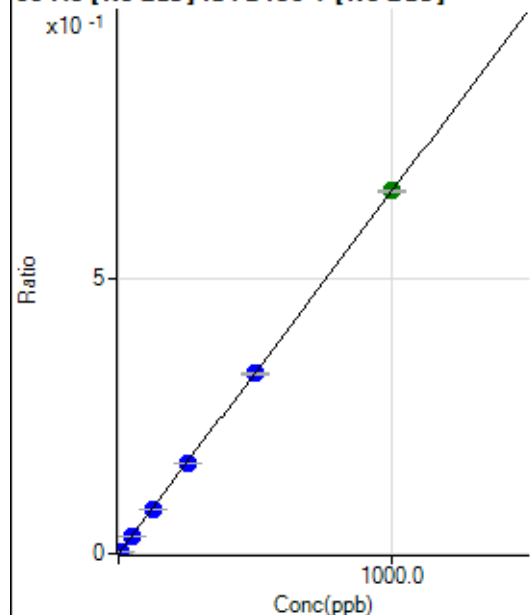
$$DL = 0.009952$$

$$BEC = 0.09037$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1027.86	0.0001	P	5.5
2	☐	0.500	0.320	4392.55	0.0003	P	2.2
3	☐	5.000	3.908	42185.71	0.0026	P	2.5
4	☐	50.000	48.174	514300.16	0.0317	P	0.3
5	☐	125.000	123.162	1295977.65	0.0810	P	0.5
6	☐	250.000	248.372	2613254.90	0.1632	P	0.4
7	☐	500.000	497.277	5186490.35	0.3267	P	0.8
8	☐	1000.000	1002.095	10520912.21	0.6582	A	0.3
9	☐			51508.40	0.0034	P	7.5

$$y = 6.5679\text{E-}004 * x + 6.3590\text{E-}005$$

$$R = 1.0000$$

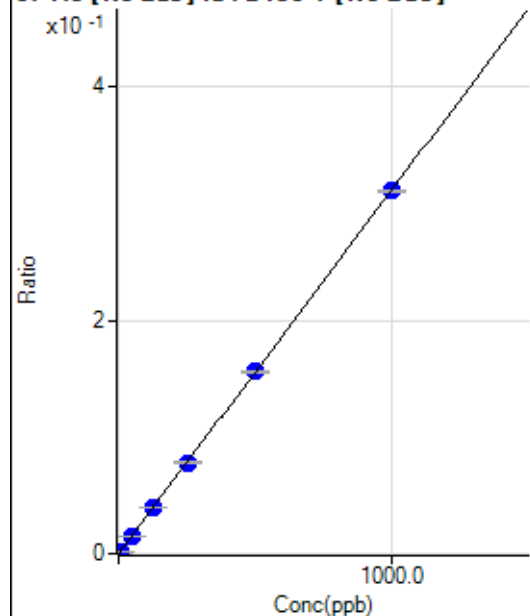
$$DL = 0.01599$$

$$BEC = 0.09682$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	458.36	0.0000	P	18.6
2	☐	0.500	0.425	2578.14	0.0002	P	8.7
3	☐	5.000	4.632	23578.71	0.0015	P	0.4
4	☐	50.000	49.170	248746.85	0.0153	P	0.1
5	☐	125.000	125.522	625942.33	0.0391	P	0.5
6	☐	250.000	251.231	1252735.90	0.0782	P	0.8
7	☐	500.000	502.365	2483163.27	0.1564	P	1.0
8	☐	1000.000	998.488	4968165.43	0.3108	P	0.4
9	☐			25674.21	0.0017	P	10.5

$$y = 3.1128\text{E-}004 * x + 2.8357\text{E-}005$$

$$R = 1.0000$$

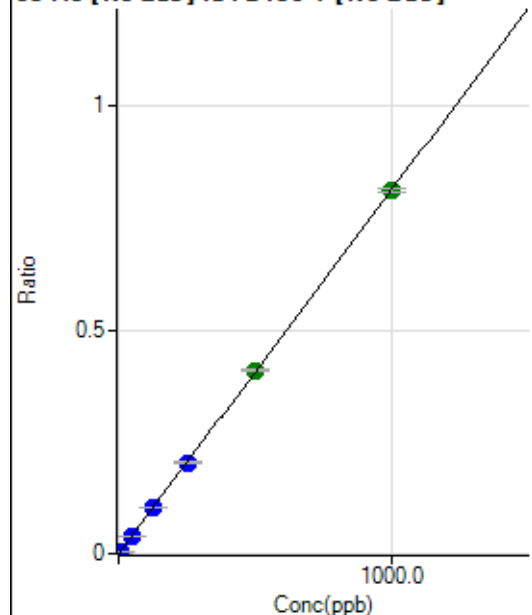
$$DL = 0.05096$$

$$BEC = 0.0911$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1322.34	0.0001	P	8.5
2	☐	0.500	0.389	6390.57	0.0004	P	3.1
3	☐	5.000	4.597	61246.25	0.0038	P	1.9
4	☐	50.000	48.604	642155.73	0.0396	P	0.5
5	☐	125.000	124.912	1626526.08	0.1016	P	1.0
6	☐	250.000	250.252	3258402.18	0.2035	P	0.7
7	☐	500.000	504.381	6509891.90	0.4100	A	1.0
8	☐	1000.000	997.829	12963649.16	0.8111	A	1.2
9	☐			66244.61	0.0043	P	8.8

$$y = 8.1276E-004 * x + 8.1805E-005$$

$$R = 1.0000$$

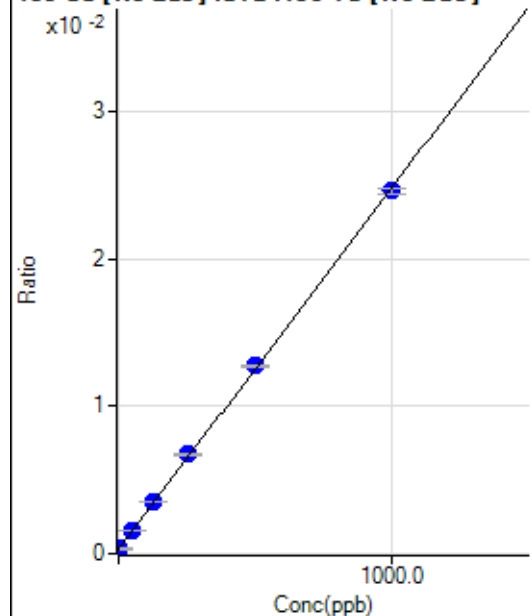
$$DL = 0.02566$$

$$BEC = 0.1007$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6023.76	0.0003	P	4.2
2	☐	0.100	-0.474	5762.56	0.0003	P	6.7
3	☐	1.000	0.694	6293.34	0.0003	P	5.1
4	☐	50.000	52.050	30492.11	0.0016	P	2.4
5	☐	125.000	131.155	67447.10	0.0035	P	1.6
6	☐	250.000	261.810	127991.34	0.0067	P	1.4
7	☐	500.000	507.083	244743.55	0.0127	P	1.0
8	☐	1000.000	992.634	468372.63	0.0246	P	1.4
9	☐			5359.59	0.0003	P	5.6

$$y = 2.4479E-005 * x + 3.1235E-004$$

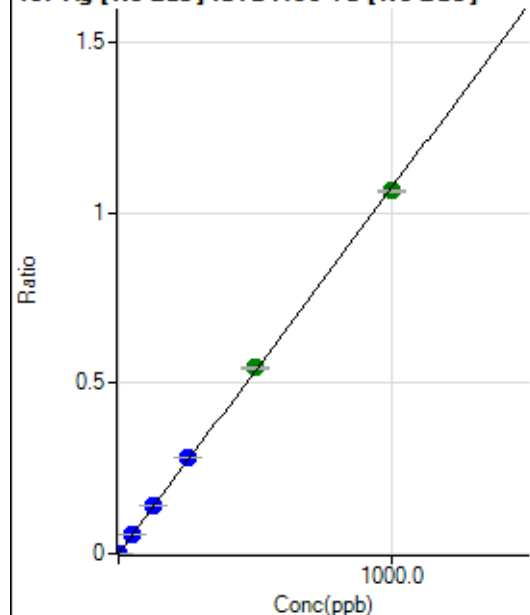
$$R = 0.9999$$

$$DL = 1.591$$

$$BEC = 12.76$$

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	31.5
2	☐	0.100	0.138	3011.57	0.0002	P	0.9
3	☐	1.000	1.326	27324.47	0.0014	P	1.6
4	☐	50.000	52.901	1089740.69	0.0567	P	0.3
5	☐	125.000	131.484	2697711.13	0.1409	P	0.2
6	☐	250.000	261.586	5338046.34	0.2803	P	0.5
7	☐	500.000	507.779	10465270.89	0.5441	A	1.7
8	☐	1000.000	992.258	20236698.54	1.0633	A	0.6
9	☐			4098.00	0.0002	P	2.5

$$y = 0.0011 * x + 8.9306E-006$$

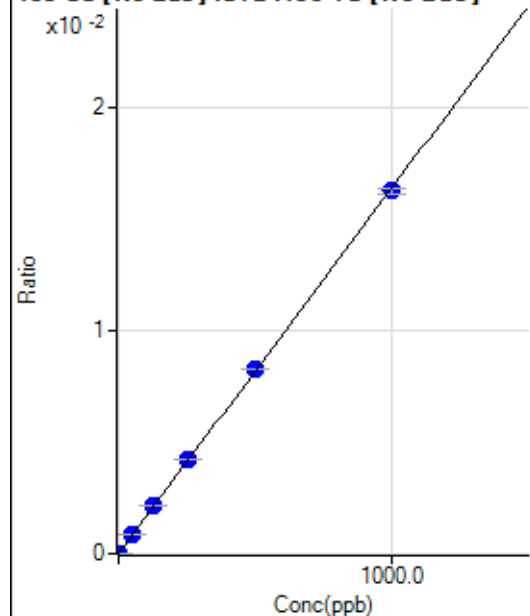
$$R = 0.9999$$

$$DL = 0.007864$$

$$BEC = 0.008334$$

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	20.84	0.0000	P	34.8
2	☐	0.100	0.071	43.06	0.0000	P	29.1
3	☐	1.000	0.896	301.40	0.0000	P	4.0
4	☐	50.000	52.774	16640.61	0.0009	P	0.5
5	☐	125.000	131.610	41307.73	0.0022	P	1.0
6	☐	250.000	259.229	80904.23	0.0042	P	0.5
7	☐	500.000	506.458	159626.01	0.0083	P	0.5
8	☐	1000.000	993.499	309817.87	0.0163	P	1.3
9	☐			77.78	0.0000	P	5.4

$$y = 1.6385E-005 * x + 1.0807E-006$$

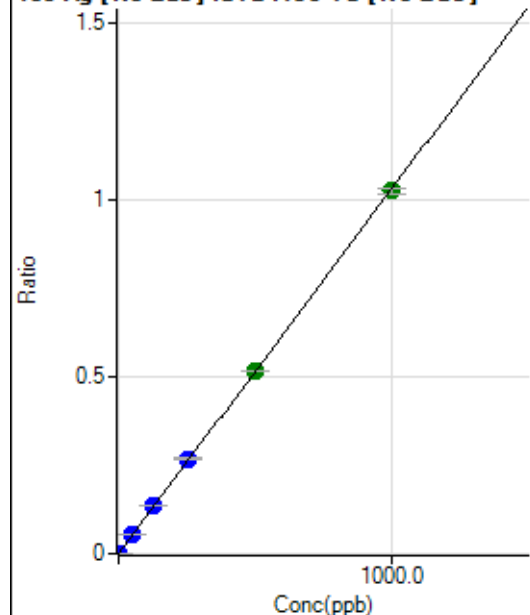
$$R = 0.9999$$

$$DL = 0.06877$$

$$BEC = 0.06596$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	33.9
2	☐	0.100	0.141	2867.07	0.0001	P	3.5
3	☐	1.000	1.366	27007.47	0.0014	P	3.2
4	☐	50.000	52.746	1046007.40	0.0544	P	0.4
5	☐	125.000	131.284	2593227.66	0.1354	P	0.6
6	☐	250.000	260.515	5118218.52	0.2688	P	0.7
7	☐	500.000	502.215	9965612.03	0.5181	A	0.5
8	☐	1000.000	995.341	19542407.38	1.0269	A	1.8
9	☐			3742.34	0.0002	P	2.9

$$y = 0.0010 * x + 4.4647E-006$$

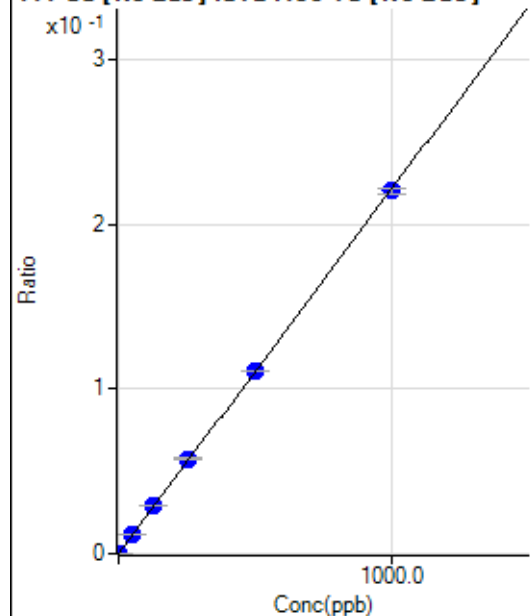
$$R = 0.9999$$

$$DL = 0.004404$$

$$BEC = 0.004328$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-426.68	0.0000	P	-6.2
2	☐	0.100	0.070	-126.93	0.0000	P	-42.
3	☐	1.000	1.004	3823.50	0.0002	P	2.6
4	☐	50.000	52.800	224197.17	0.0117	P	0.3
5	☐	125.000	130.951	554499.69	0.0290	P	0.5
6	☐	250.000	260.098	1095860.69	0.0575	P	0.9
7	☐	500.000	502.305	2137901.18	0.1112	P	0.6
8	☐	1000.000	995.439	4192616.12	0.2203	P	1.3
9	☐			332.14	0.0000	P	31.3

$$y = 2.2133E-004 * x - 2.2124E-005$$

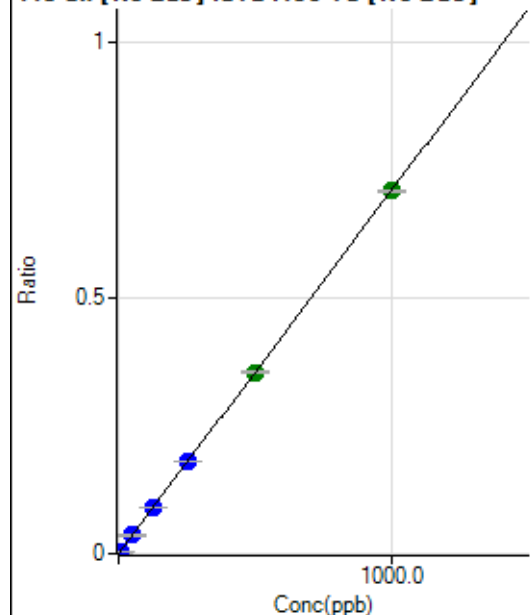
$$R = 0.9999$$

$$DL = 0.01863$$

$$BEC = -0.09996$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1441.81	0.0001	P	6.4
2	☐	0.500	0.467	7777.48	0.0004	P	3.7
3	☐	5.000	4.813	66628.19	0.0035	P	1.1
4	☐	50.000	50.389	687992.16	0.0358	P	0.9
5	☐	125.000	125.901	1710155.14	0.0893	P	0.7
6	☐	250.000	254.781	3440745.17	0.1807	P	0.3
7	☐	500.000	499.573	6812468.38	0.3542	A	1.3
8	☐	1000.000	998.887	13477535.20	0.7082	A	0.7
9	☐			15514.83	0.0009	P	11.0

$$y = 7.0887\text{E-}004 * x + 7.4763\text{E-}005$$

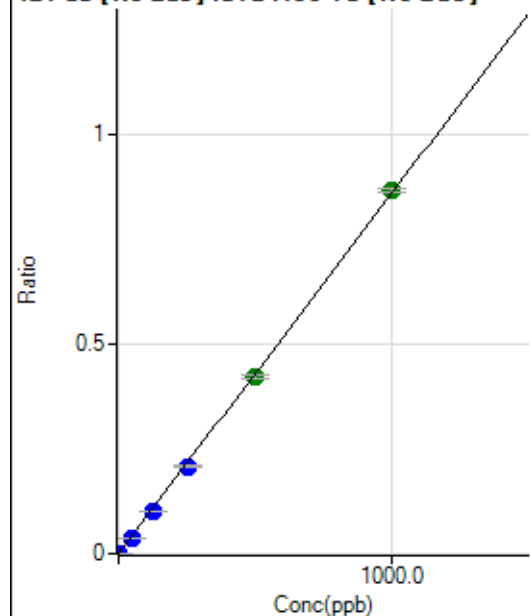
$$R = 1.0000$$

$$DL = 0.02025$$

$$BEC = 0.1055$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1305.68	0.0001	P	10.5
2	☐	0.200	0.138	3567.27	0.0002	P	3.3
3	☐	2.000	1.886	32210.14	0.0017	P	1.9
4	☐	50.000	41.994	693753.97	0.0361	P	3.2
5	☐	125.000	116.090	1908088.87	0.0997	P	1.4
6	☐	250.000	242.618	3964941.28	0.2082	P	1.9
7	☐	500.000	491.213	8106189.16	0.4215	A	1.4
8	☐	1000.000	1007.753	16454864.26	0.8646	A	0.9
9	☐			85364.20	0.0047	P	9.3

$$y = 8.5789\text{E-}004 * x + 6.7703\text{E-}005$$

$$R = 0.9999$$

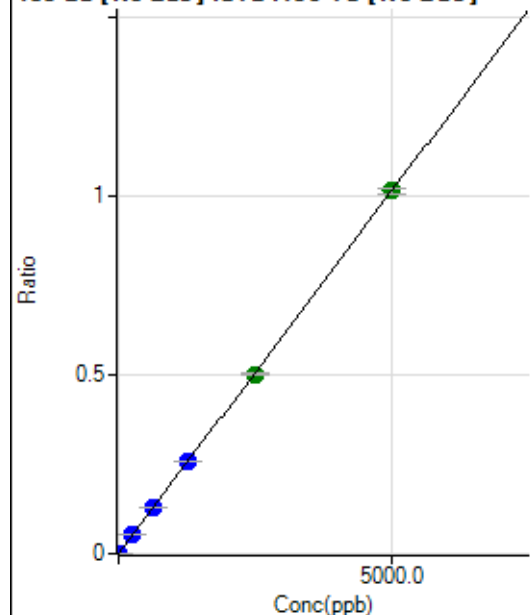
$$DL = 0.02496$$

$$BEC = 0.07892$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.68	0.0000	P	24.1
2	☐	1.000	0.983	4064.66	0.0002	P	0.1
3	☐	10.000	9.746	38028.16	0.0020	P	1.0
4	☐	250.000	254.279	991968.39	0.0516	P	0.1
5	☐	625.000	631.686	2454302.92	0.1282	P	0.4
6	☐	1250.000	1266.636	4894635.61	0.2570	P	0.5
7	☐	2500.000	2479.302	9676315.41	0.5031	A	0.8
8	☐	5000.000	5005.141	19328129.08	1.0156	A	1.5
9	☐			7663.58	0.0004	P	5.1

$$y = 2.0291\text{E-}004 * x + 1.2532\text{E-}005$$

$$R = 1.0000$$

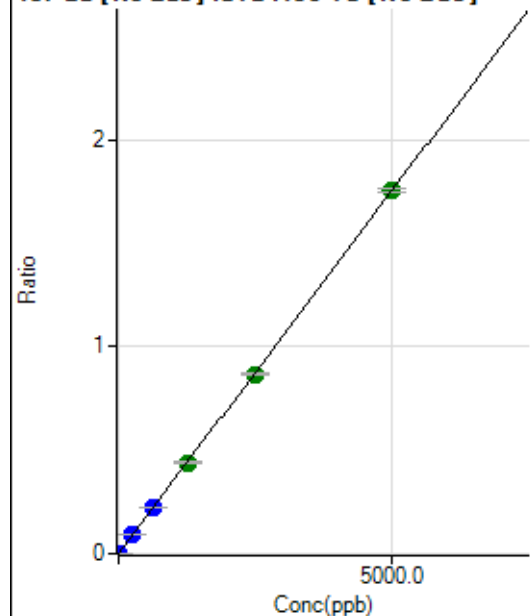
$$DL = 0.04466$$

$$BEC = 0.06176$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.26	0.0000	P	1.0
2	☐	1.000	0.910	6604.63	0.0003	P	3.9
3	☐	10.000	9.708	65485.94	0.0034	P	2.2
4	☐	250.000	255.239	1719353.62	0.0895	P	0.4
5	☐	625.000	634.408	4256133.56	0.2223	P	0.6
6	☐	1250.000	1259.792	8405824.15	0.4414	A	0.7
7	☐	2500.000	2480.436	16715727.46	0.8691	A	0.4
8	☐	5000.000	5005.897	33379477.14	1.7539	A	0.9
9	☐			12837.09	0.0007	P	4.5

$$y = 3.5036\text{E-}004 * x + 2.5785\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.00223$$

$$BEC = 0.07359$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐			11.11		P	69.3
3	☐			6.67		P	100.
4	☐			91.11		P	37.5
5	☐			168.89		P	12.1
6	☐			297.80		P	12.7
7	☐			591.15		P	10.5
8	☐			1080.08		P	5.9
9	☐			226.68		P	32.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			2.22		P	173.
4	☐			4.44		P	43.4
5	☐			20.00		P	44.1
6	☐			33.33		P	17.3
7	☐			75.56		P	9.2
8	☐			102.23		P	11.5
9	☐			83.34		P	28.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐			19.44		P	65.5
3	☐			30.56		P	31.5
4	☐			25.00		P	57.7
5	☐			52.78		P	36.5
6	☐			83.34		P	40.0
7	☐			138.90		P	15.1
8	☐			263.90		P	19.0
9	☐			269.46		P	10.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	75.5
2	☐			8.89		P	21.6
3	☐			5.56		P	34.7
4	☐			13.33		P	50.0
5	☐			7.78		P	24.7
6	☐			18.89		P	20.4
7	☐			35.56		P	23.6
8	☐			56.67		P	5.9
9	☐			108.89		P	16.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.01		P	34.6
2	☐			113.89		P	15.2
3	☐			186.12		P	2.6
4	☐			161.12		P	15.8
5	☐			161.12		P	10.8
6	☐			127.79		P	27.2
7	☐			180.57		P	27.0
8	☐			144.45		P	23.3
9	☐			280.57		P	19.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	33.1
2	☐			43.34		P	13.3
3	☐			57.78		P	12.0
4	☐			47.78		P	28.2
5	☐			66.67		P	10.0
6	☐			51.11		P	15.1
7	☐			74.45		P	22.5
8	☐			76.67		P	15.1
9	☐			168.89		P	6.3

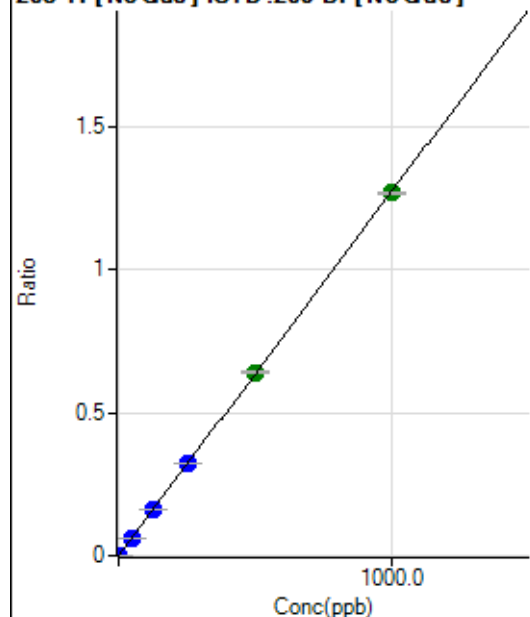
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	44.6
2	☐			58.34		P	14.3
3	☐			80.56		P	29.9
4	☐			33.34		P	66.1
5	☐			94.45		P	13.5
6	☐			80.56		P	15.8
7	☐			127.79		P	27.2
8	☐			122.23		P	7.9
9	☐			127.78		P	22.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	32.8
2	☐			36.67		P	9.1
3	☐			40.00		P	38.2
4	☐			24.45		P	68.6
5	☐			41.11		P	41.6
6	☐			32.22		P	48.9
7	☐			35.56		P	14.3
8	☐			51.11		P	26.4
9	☐			83.34		P	16.0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	761.17	0.0001	P	18.6
2	☐	0.100	0.079	1991.91	0.0002	P	2.4
3	☐	1.000	0.964	15837.82	0.0013	P	2.5
4	☐	50.000	49.499	784980.30	0.0630	P	0.6
5	☐	125.000	126.105	1950635.79	0.1603	P	1.0
6	☐	250.000	252.704	3893092.54	0.3212	P	0.4
7	☐	500.000	504.007	7749625.26	0.6405	A	0.5
8	☐	1000.000	997.207	14960653.63	1.2673	A	0.5
9	☐			6337.94	0.0006	P	6.4

$$y = 0.0013 * x + 6.1004E-005$$

$$R = 1.0000$$

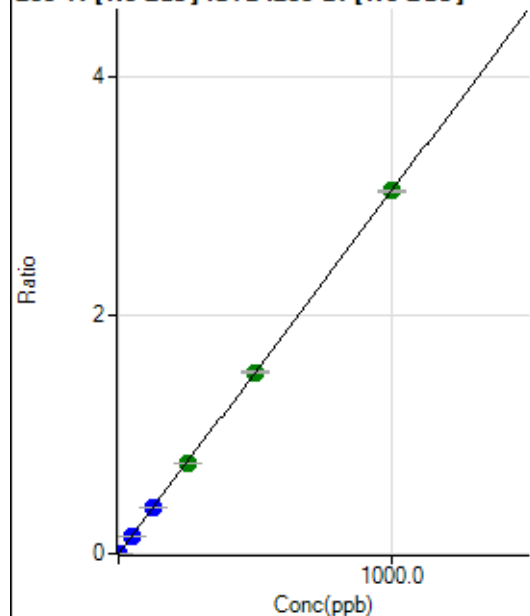
$$DL = 0.02673$$

$$BEC = 0.04801$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1783.54	0.0001	P	12.0
2	☐	0.100	0.073	4514.87	0.0004	P	6.5
3	☐	1.000	0.967	38022.24	0.0031	P	3.1
4	☐	50.000	49.550	1884371.11	0.1511	P	0.7
5	☐	125.000	126.912	4707662.69	0.3869	P	1.2
6	☐	250.000	248.754	9190511.58	0.7582	A	0.6
7	☐	500.000	499.854	18430334.09	1.5234	A	0.8
8	☐	1000.000	1000.168	35985190.04	3.0481	A	0.2
9	☐			15050.82	0.0014	P	8.5

$$y = 0.0030 * x + 1.4282E-004$$

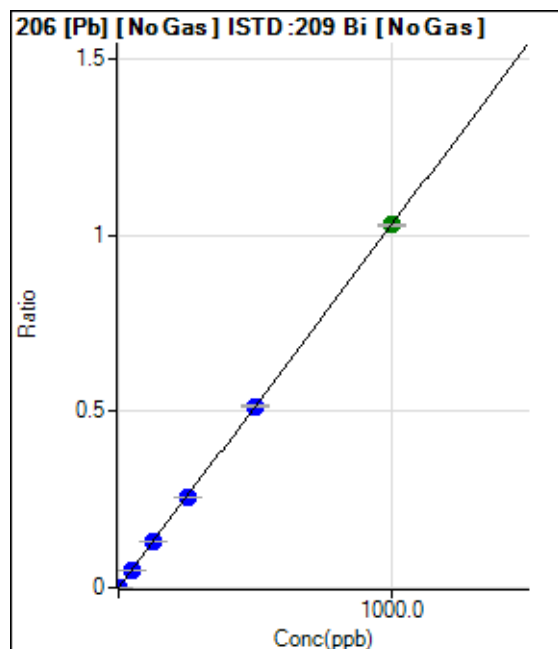
$$R = 1.0000$$

$$DL = 0.01684$$

$$BEC = 0.04687$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1753.88	0.0001	P	11.5
2	☐	0.100	0.048	2342.87	0.0002	P	4.5
3	☐	1.000	1.129	16039.77	0.0013	P	2.0
4	☐	50.000	48.775	627612.91	0.0503	P	0.7
5	☐	125.000	125.158	1569076.21	0.1290	P	0.8
6	☐	250.000	250.317	3124374.12	0.2578	P	0.6
7	☐	500.000	499.838	6225127.63	0.5146	P	1.1
8	☐	1000.000	1000.043	12152664.27	1.0294	A	0.2
9	☐			21556.80	0.0020	P	0.8

$$y = 0.0010 * x + 1.4051E-004$$

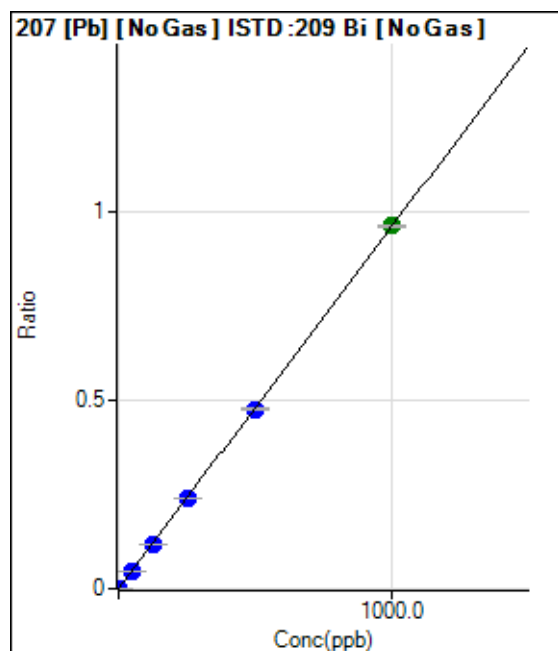
$$R = 1.0000$$

$$DL = 0.04704$$

$$BEC = 0.1365$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1577.92	0.0001	P	2.1
2	☐	0.100	0.055	2213.21	0.0002	P	8.0
3	☐	1.000	1.085	14376.71	0.0012	P	1.4
4	☐	50.000	48.467	581697.94	0.0467	P	0.3
5	☐	125.000	123.759	1447259.07	0.1189	P	0.6
6	☐	250.000	248.577	2894109.38	0.2388	P	0.4
7	☐	500.000	494.769	5747951.46	0.4751	P	1.0
8	☐	1000.000	1003.203	11371564.84	0.9632	A	0.3
9	☐			17981.10	0.0017	P	2.4

$$y = 9.6004E-004 * x + 1.2631E-004$$

$$R = 1.0000$$

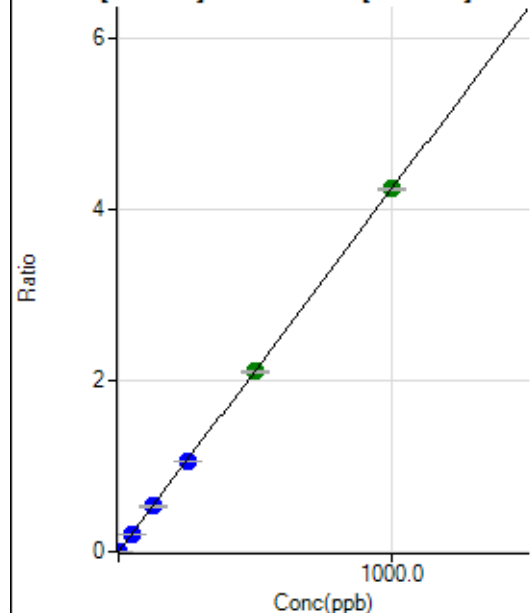
$$DL = 0.008308$$

$$BEC = 0.1316$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7189.90	0.0006	P	5.0
2	☐	0.100	0.054	9966.60	0.0008	P	3.5
3	☐	1.000	1.100	64538.69	0.0052	P	1.0
4	☐	50.000	48.952	2596008.82	0.2082	P	0.6
5	☐	125.000	124.915	6454487.99	0.5304	P	0.6
6	☐	250.000	251.299	12927686.95	1.0666	P	0.4
7	☐	500.000	497.369	25530030.09	2.1103	A	1.3
8	☐	1000.000	1001.054	50137079.94	4.2469	A	0.3
9	☐			84265.46	0.0080	P	0.3

$$y = 0.0042 * x + 5.7567E-004$$

$$R = 1.0000$$

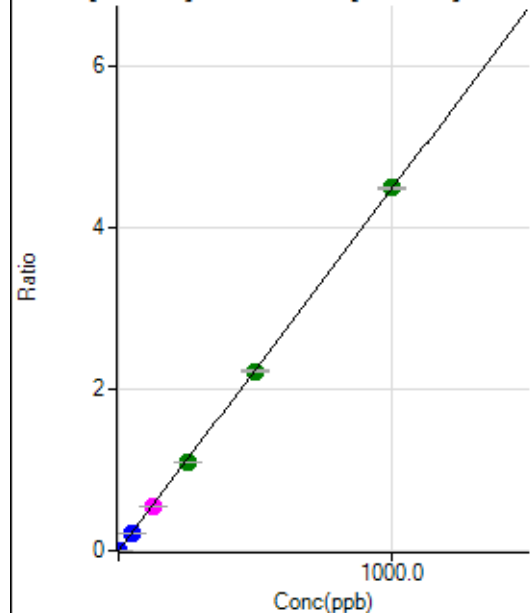
$$DL = 0.02055$$

$$BEC = 0.1357$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3364.46	0.0003	P	8.9
2	☐	0.100	0.045	5812.67	0.0005	P	0.8
3	☐	1.000	0.878	51639.34	0.0042	P	1.1
4	☐	50.000	48.004	2678124.30	0.2148	P	0.7
5	☐	125.000	123.881	6739986.26	0.5539	M	0.7
6	☐	250.000	244.869	13267885.80	1.0946	A	0.5
7	☐	500.000	495.674	26802587.40	2.2155	A	1.2
8	☐	1000.000	1003.685	52957594.93	4.4859	A	0.7
9	☐			13805.12	0.0013	P	5.6

$$y = 0.0045 * x + 2.6940E-004$$

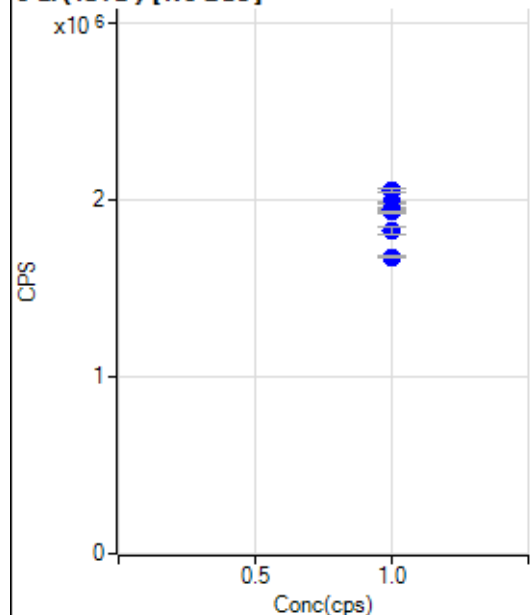
$$R = 1.0000$$

$$DL = 0.0161$$

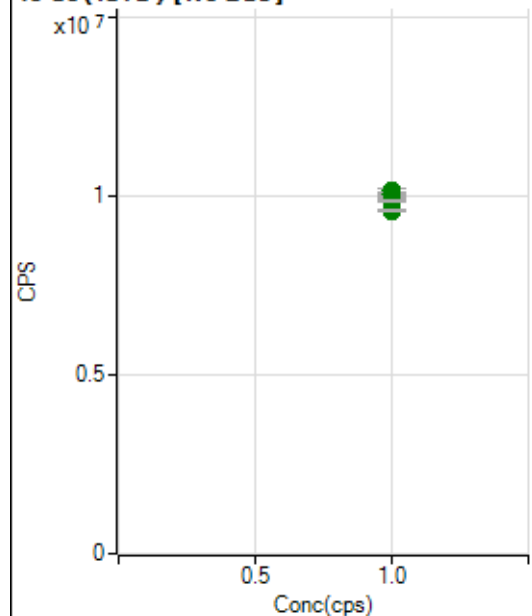
$$BEC = 0.06028$$

Weight: <None>

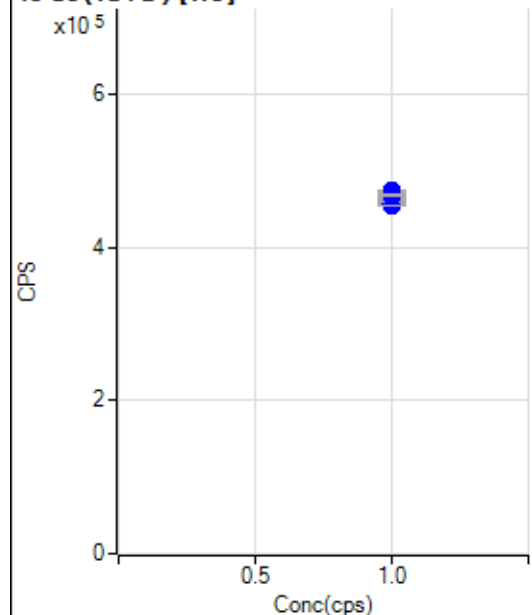
Min Conc: 0

6 Li (ISTD) [No Gas]

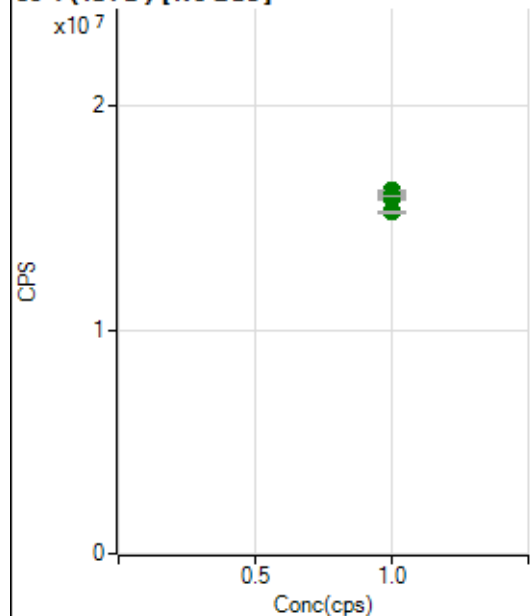
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2048458.72		P	1.0
2	☐	1.000		1981504.78		P	0.4
3	☐	1.000		1974491.34		P	0.4
4	☐	1.000		1972406.85		P	0.1
5	☐	1.000		1936492.61		P	0.7
6	☐	1.000		1941438.06		P	0.9
7	☐	1.000		1928693.91		P	0.6
8	☐	1.000		1824908.44		P	1.9
9	☐	1.000		1677125.48		P	0.9

45 Sc (ISTD) [No Gas]

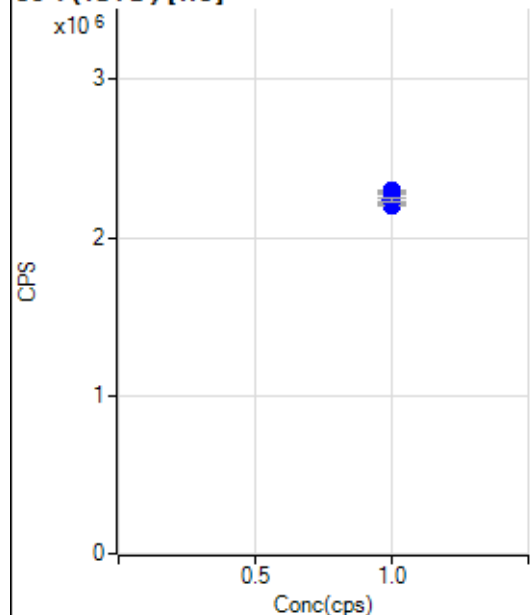
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10151679.22		A	0.9
2	☐	1.000		10049616.81		A	1.3
3	☐	1.000		10074798.66		A	0.1
4	☐	1.000		10091899.01		A	0.9
5	☐	1.000		10052481.39		A	1.0
6	☐	1.000		10000223.92		A	0.5
7	☐	1.000		9879406.91		A	0.7
8	☐	1.000		9861138.68		A	0.6
9	☐	1.000		9597114.88		A	0.9

45 Sc (ISTD) [He]

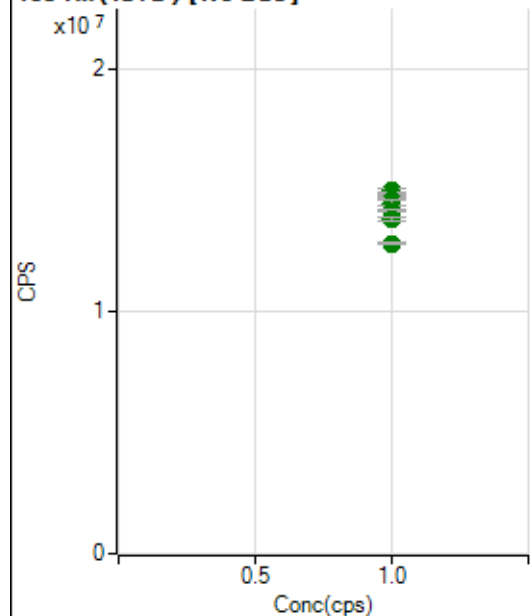
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		473695.32		P	0.5
2	☐	1.000		470327.01		P	0.4
3	☐	1.000		471671.96		P	0.1
4	☐	1.000		471976.76		P	0.9
5	☐	1.000		469931.04		P	0.5
6	☐	1.000		463365.39		P	0.3
7	☐	1.000		455291.50		P	0.5
8	☐	1.000		456700.66		P	0.9
9	☐	1.000		467552.03		P	0.3

89 Y (ISTD) [No Gas]

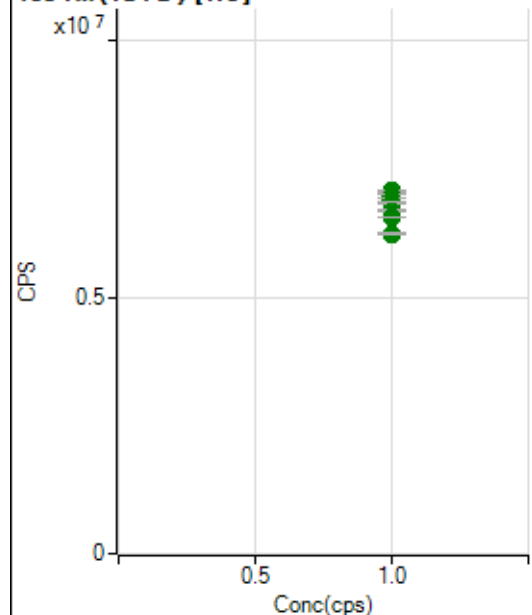
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16167130.73		A	0.6
2	☐	1.000		16048366.01		A	1.3
3	☐	1.000		16039651.43		A	0.5
4	☐	1.000		16222234.76		A	0.8
5	☐	1.000		16008806.99		A	0.5
6	☐	1.000		16013291.57		A	0.8
7	☐	1.000		15877133.37		A	0.4
8	☐	1.000		15983508.37		A	0.3
9	☐	1.000		15263264.64		A	0.3

89 Y(ISTD) [He]

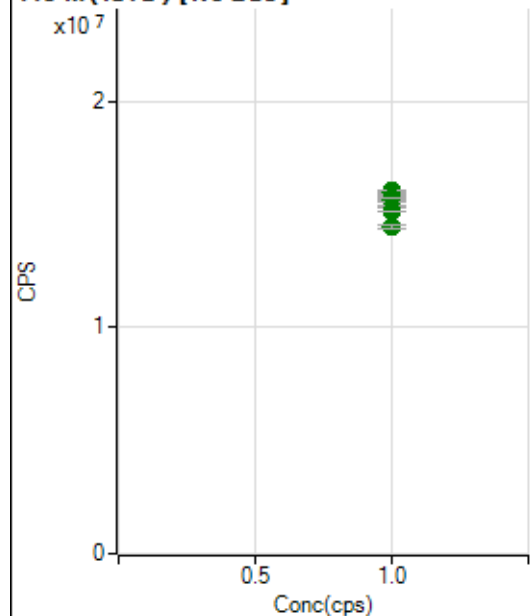
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2295177.17		P	0.5
2	☐	1.000		2274064.72		P	0.4
3	☐	1.000		2287329.50		P	0.4
4	☐	1.000		2283947.15		P	0.4
5	☐	1.000		2276142.29		P	0.2
6	☐	1.000		2251696.27		P	0.3
7	☐	1.000		2215450.33		P	0.4
8	☐	1.000		2202408.61		P	0.2
9	☐	1.000		2239646.32		P	1.0

103 Rh(ISTD) [No Gas]

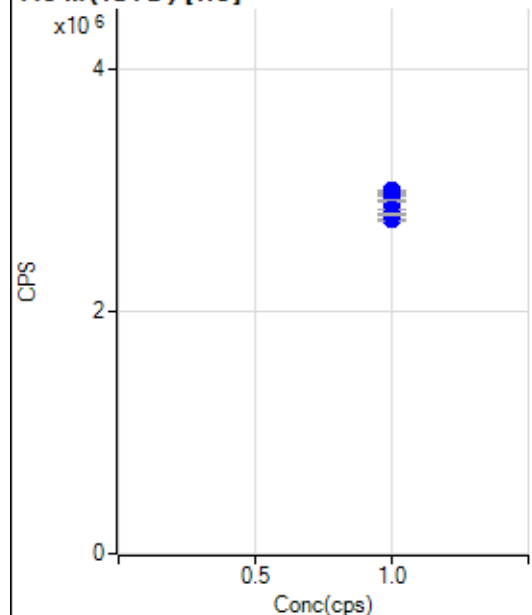
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14977499.81		A	0.9
2	☐	1.000		14838831.93		A	1.0
3	☐	1.000		14856912.66		A	0.3
4	☐	1.000		14872519.26		A	0.3
5	☐	1.000		14615804.32		A	0.6
6	☐	1.000		14480638.52		A	1.5
7	☐	1.000		14163077.40		A	1.0
8	☐	1.000		13821435.73		A	0.8
9	☐	1.000		12793886.74		A	0.5

103 Rh (ISTD) [He]

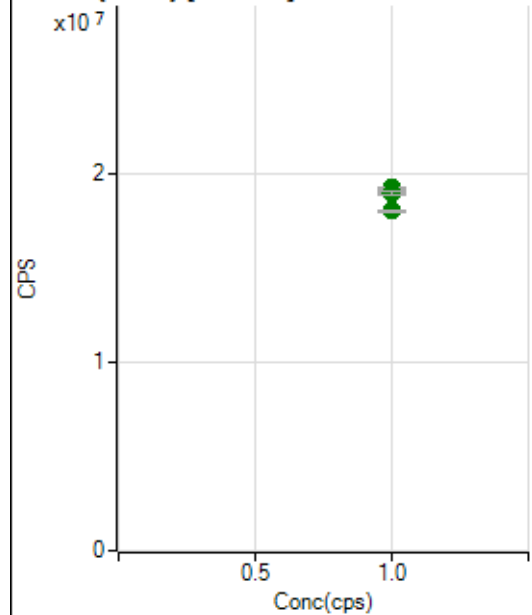
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7045255.73		A	0.9
2	☐	1.000		7045900.24		A	1.0
3	☐	1.000		7071980.45		A	0.3
4	☐	1.000		6969188.02		A	0.9
5	☐	1.000		6893579.83		A	0.8
6	☐	1.000		6838504.69		A	0.6
7	☐	1.000		6681835.60		A	0.3
8	☐	1.000		6547523.93		A	0.1
9	☐	1.000		6226594.28		A	0.7

115 In (ISTD) [No Gas]

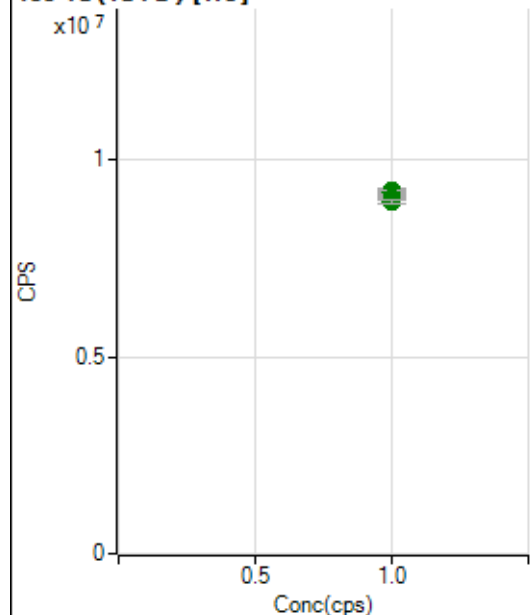
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16042386.16		A	0.5
2	☐	1.000		15875288.66		A	0.5
3	☐	1.000		15954997.32		A	0.3
4	☐	1.000		15981881.64		A	0.8
5	☐	1.000		15742870.60		A	0.8
6	☐	1.000		15645680.68		A	0.9
7	☐	1.000		15322477.51		A	0.6
8	☐	1.000		15141068.71		A	0.5
9	☐	1.000		14440318.53		A	1.4

115 In (ISTD) [He]

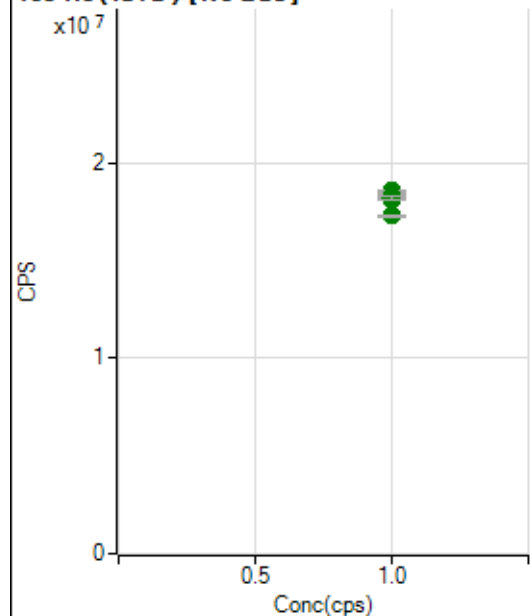
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2996840.11		P	0.2
2	☐	1.000		2963354.81		P	0.4
3	☐	1.000		2985194.16		P	0.5
4	☐	1.000		2975002.98		P	0.5
5	☐	1.000		2949016.32		P	0.0
6	☐	1.000		2916507.51		P	0.5
7	☐	1.000		2844561.54		P	0.4
8	☐	1.000		2759396.21		P	0.5
9	☐	1.000		2800484.69		P	0.3

159 Tb (ISTD) [No Gas]

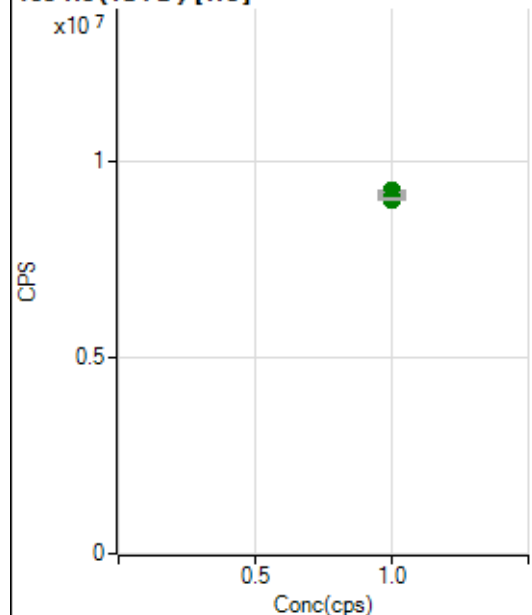
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19284888.60		A	0.1
2	☐	1.000		19164516.38		A	1.2
3	☐	1.000		19108816.80		A	0.9
4	☐	1.000		19220932.63		A	0.3
5	☐	1.000		19146077.21		A	0.3
6	☐	1.000		19043153.19		A	0.0
7	☐	1.000		19234037.21		A	0.7
8	☐	1.000		19032502.49		A	0.8
9	☐	1.000		18067873.48		A	0.7

159 Tb (ISTD) [He]

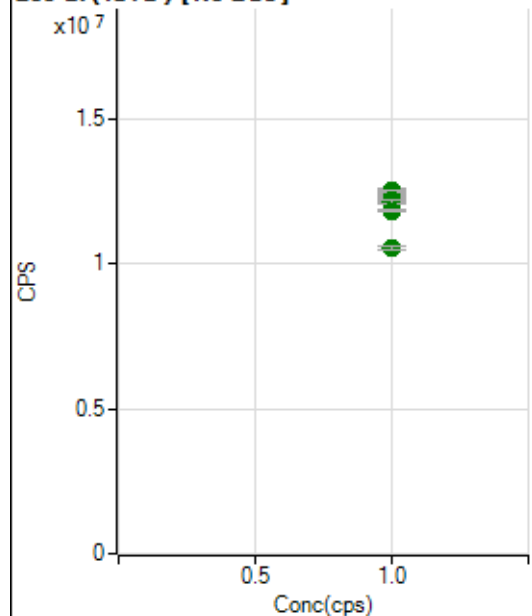
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9068604.86		A	0.4
2	☐	1.000		9132817.09		A	0.2
3	☐	1.000		9159937.29		A	0.5
4	☐	1.000		9169132.85		A	0.6
5	☐	1.000		9207177.71		A	1.1
6	☐	1.000		9164059.17		A	1.5
7	☐	1.000		9150893.61		A	1.5
8	☐	1.000		9010484.59		A	0.7
9	☐	1.000		8934192.16		A	0.7

165 Ho (ISTD) [No Gas]

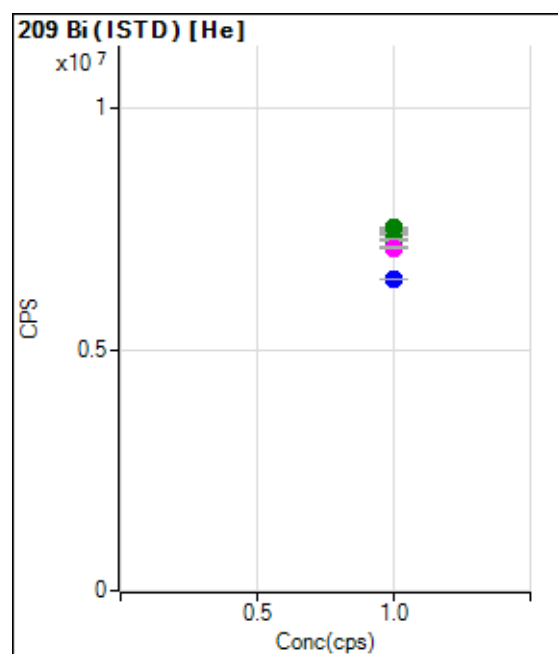
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18192015.86		A	0.4
2	☐	1.000		18272948.15		A	0.2
3	☐	1.000		18417725.76		A	0.5
4	☐	1.000		18583212.92		A	0.6
5	☐	1.000		18160328.88		A	0.7
6	☐	1.000		18240695.55		A	0.3
7	☐	1.000		18354872.11		A	1.2
8	☐	1.000		18232022.28		A	0.7
9	☐	1.000		17306056.29		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9155367.16		A	0.1
2	☐	1.000		9228606.11		A	0.7
3	☐	1.000		9185701.80		A	0.1
4	☐	1.000		9197068.68		A	0.1
5	☐	1.000		9185777.22		A	1.2
6	☐	1.000		9149843.89		A	0.4
7	☐	1.000		9156613.96		A	0.7
8	☐	1.000		9065245.77		A	0.6
9	☐	1.000		9018418.96		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12495022.59		A	1.3
2	☐	1.000		12358884.68		A	0.8
3	☐	1.000		12311434.96		A	0.5
4	☐	1.000		12467626.62		A	0.3
5	☐	1.000		12168202.60		A	0.6
6	☐	1.000		12121168.15		A	0.9
7	☐	1.000		12098700.93		A	1.1
8	☐	1.000		11805720.24		A	0.8
9	☐	1.000		10534832.00		A	1.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7489889.06		A	0.3
2	☐	1.000		7520447.39		A	0.9
3	☐	1.000		7497007.94		A	0.2
4	☐	1.000		7497695.58		A	0.2
5	☐	1.000		7427531.63		A	0.7
6	☐	1.000		7398001.35		A	0.4
7	☐	1.000		7275444.06		A	0.4
8	☐	1.000		7101470.87		M	0.6
9	☐	1.000		6465996.15		P	0.3

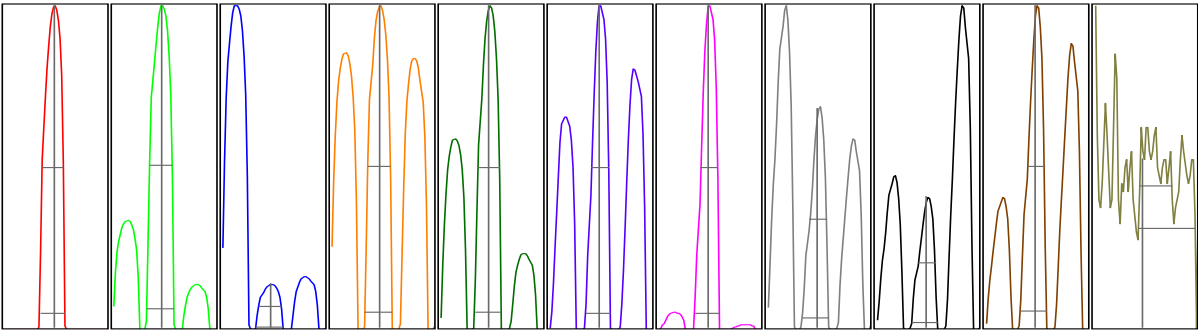
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7041317.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	113518	1.35	5.00	
24	3825126	1.01	5.00	
25	533399	0.93	5.00	
26	622439	0.97	5.00	
59	1208834	0.67	5.00	
113	187870	0.28	5.00	
115	2854917	0.21	5.00	
206	386273	0.37	5.00	
207	333648	0.64	5.00	
208	817016	0.44	5.00	
220	10	22.36		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	111563	112208	114163	114973	114683
24	3795529	3790048	3822221	3831369	3886461
25	525840	532135	536046	533789	539184
26	617214	620144	619847	622226	632762
59	1198246	1205546	1211034	1208747	1220597
113	187274	188067	188286	187330	188395
115	2856484	2854749	2847197	2852368	2863786
206	384194	387990	385620	386604	386958
207	330209	333616	333941	335997	334480
208	813271	819498	819282	820082	812948
220	13	8	13	9	10

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	19895	9.00	8.9 - 9.1		0.737	0.900	
24	624261	23.95	23.9 - 24.1		0.787	0.900	
25	86885	24.95	24.9 - 25.1		0.786	0.900	
26	101818	25.95	25.9 - 26.1		0.785	0.900	
59	209730	58.95	58.9 - 59.1		0.778	0.900	
113	37292	113.00	112.9 - 113.1		0.714	0.900	
115	570520	115.00	114.9 - 115.1		0.719	0.900	
206	78747	206.00	205.9 - 206.1		0.758	0.900	
207	68060	207.00	206.9 - 207.1		0.735	0.900	
208	166984	208.00	207.9 - 208.1		0.762	0.900	
220	1	219.95	-		1.643		

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			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	°C						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.9	V			
Extract 2	-190.0	V	Cell Entrance	-30	V			
Omega Bias	-90	V	Cell Exit	-50	V			
Deflect	12.4	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	190	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	320479	0.49	
89	217190	0.24	
205	349718	0.50	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	319670	319091	320098	323125	320413
89	216439	217533	217256	216921	217802
205	348119	348025	349578	350839	352028

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			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	°C						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.9	V			
Extract 2	-195.0	V	Cell Entrance	-40	V			
Omega Bias	-90	V	Cell Exit	-60	V			
Deflect	2.6	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	true		OctP Bias	-18.0	V			
He Flow	4.1	mL/min	OctP RF	200	V			
Energy Discrimination	5.0	V						

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:11:52	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	-0.11	0.00	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.03	0.00	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.09	-0.03	-0.07	0.00	N/A	ppb
Boron	11-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.49	-0.07	0.56	0.00	N/A	ppb
Cadmium	108-1	-0.01	0.03	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	-1.21	0.62	0.58	0.00	N/A	ppb
Calcium	44-1	-0.55	1.01	-0.46	0.00	N/A	ppb
Chromium	52-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.02	-0.03	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-2				100		%
Indium	115-1				100		%
Iron	56-2	-0.05	0.08	-0.04	0.00	N/A	ppb
Iron	57-2	0.29	-0.37	0.08	0.00	N/A	ppb
Lead	206-1	0.01	-0.02	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.10	-0.09	-0.01	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:11:52	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	1.59	-2.27	12.02	3.78	195.51	ppb
Potassium	39-2	0.51	0.07	-0.58	0.00	N/A	ppb
Rhodium	103-2				100		%
Rhodium	103-1				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.18	-0.18	0.36	0.00	N/A	ppb
Selenium	78-2	0.08	-0.37	0.29	0.00	N/A	ppb
Selenium	82-1	0.04	0.06	-0.09	0.00	N/A	ppb
Silicon	28-1	0.20	0.36	-0.56	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	-0.62	1.69	-1.07	0.00	N/A	ppb
Strontium	86-1	0.00	0.04	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-106.01	46.35	-73.17	-44.28		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.04	-0.02	-0.03	0.00	N/A	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-2				100		%
Yttrium	89-1				100		%
Zinc	66-2	-0.01	0.04	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:11:52	DataFile Name :	002CALB.d

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

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:20:27	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.18	2.70	2.44	2.44	10.67	ppb
Antimony	121-1	0.14	0.13	0.14	0.14	5.25	ppb
Arsenic	75-2	0.08	0.09	0.08	0.08	5.47	ppb
Barium	135-1	0.98	0.98	0.98	0.98	0.11	ppb
Barium	137-1	0.94	0.87	0.93	0.91	4.19	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	1.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	2.02	1.97	1.90	1.96	2.83	ppb
Boron	11-1	2.32	2.38	2.51	2.40	3.93	ppb
Cadmium	106-1	-1.23	0.41	-0.60	-0.47		ppb
Cadmium	108-1	0.10	0.03	0.08	0.07	56.08	ppb
Cadmium	111-1	0.07	0.06	0.08	0.07	18.11	ppb
Calcium	43-1	46.87	48.42	46.59	47.29	2.09	ppb
Calcium	44-1	47.19	47.90	49.62	48.24	2.59	ppb
Chromium	52-2	0.19	0.21	0.23	0.21	10.16	ppb
Cobalt	59-2	0.08	0.08	0.07	0.08	6.36	ppb
Copper	63-2	0.23	0.22	0.20	0.22	5.78	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				101		%
Holmium	165-1				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	4.97	5.02	4.82	4.94	2.06	ppb
Iron	57-2	4.74	4.25	5.48	4.83	12.88	ppb
Lead	206-1	0.04	0.05	0.05	0.05	17.23	ppb
Lead	207-1	0.04	0.06	0.07	0.06	27.27	ppb
Lead	208-1	0.05	0.06	0.06	0.05	12.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	49.24	50.68	50.47	50.13	1.55	ppb
Manganese	55-2	0.09	0.10	0.10	0.10	4.63	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:20:27	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.15	0.14	0.15	6.01	ppb
Molybdenum	95-1	0.40	0.39	0.43	0.41	4.08	ppb
Molybdenum	96-1	0.33	0.31	0.32	0.32	2.91	ppb
Molybdenum	97-1	0.38	0.47	0.43	0.43	10.56	ppb
Molybdenum	98-1	0.40	0.37	0.40	0.39	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.08	0.09	0.07	31.76	ppb
Phosphorus	31-2	-8.26	-6.63	0.75	-4.71		ppb
Potassium	39-2	51.90	53.49	51.36	52.25	2.12	ppb
Rhodium	103-2				100		%
Rhodium	103-1				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	-0.18	1.18	0.09	0.36	198.32	ppb
Selenium	78-2	0.50	1.47	0.30	0.76	82.86	ppb
Selenium	82-1	0.21	-0.31	0.37	0.09	394.74	ppb
Silicon	28-1	2.00	4.19	3.07	3.09	35.45	ppb
Silver	109-1	0.15	0.14	0.14	0.14	3.58	ppb
Silver	107-1	0.14	0.14	0.14	0.14	1.00	ppb
Sodium	23-2	49.04	48.70	50.84	49.53	2.32	ppb
Strontium	86-1	0.05	-0.03	0.01	0.01	382.69	ppb
Strontium	88-1	0.09	0.08	0.08	0.09	4.00	ppb
Sulfur	34-1	-79.88	114.32	-12.52	7.31	1349.47	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.89	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	10.68	ppb
Tin	118-1	0.49	0.45	0.46	0.47	4.51	ppb
Titanium	47-1	0.49	0.52	0.45	0.49	6.48	ppb
Uranium	238-1	0.04	0.05	0.05	0.04	1.97	ppb
Vanadium	51-2	0.48	0.44	0.47	0.46	3.73	ppb
Yttrium	89-2				99		%
Yttrium	89-1				99		%
Zinc	66-2	0.23	0.20	0.20	0.21	8.30	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	3.07	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:20:27	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.09	0.08	14.07	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:24:14	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.72	20.27	18.72	20.24	7.42	ppb
Antimony	121-1	1.90	1.84	1.92	1.89	2.00	ppb
Arsenic	75-2	0.98	1.02	0.95	0.98	3.91	ppb
Barium	135-1	9.74	9.65	9.85	9.75	1.03	ppb
Barium	137-1	9.48	9.74	9.91	9.71	2.24	ppb
Beryllium	9-1	0.88	0.96	0.90	0.91	4.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	23.96	24.18	23.66	23.93	1.08	ppb
Boron	11-1	23.24	23.32	23.62	23.40	0.86	ppb
Cadmium	106-1	1.47	0.18	0.43	0.69	98.21	ppb
Cadmium	108-1	0.89	0.94	0.86	0.90	4.27	ppb
Cadmium	111-1	0.99	1.03	0.99	1.00	2.35	ppb
Calcium	43-1	469.66	478.54	472.85	473.68	0.95	ppb
Calcium	44-1	478.59	471.28	478.87	476.24	0.90	ppb
Chromium	52-2	2.10	2.11	2.09	2.10	0.46	ppb
Cobalt	59-2	0.95	0.98	0.98	0.97	2.08	ppb
Copper	63-2	2.43	2.38	2.49	2.43	2.12	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	49.76	50.15	49.25	49.72	0.91	ppb
Iron	57-2	51.54	51.50	47.48	50.18	4.65	ppb
Lead	206-1	1.11	1.16	1.12	1.13	2.27	ppb
Lead	207-1	1.10	1.07	1.09	1.08	1.57	ppb
Lead	208-1	1.09	1.11	1.10	1.10	1.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	503.46	511.92	504.92	506.77	0.89	ppb
Manganese	55-2	0.92	1.05	1.01	0.99	6.60	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:24:14	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.01	2.00	1.94	1.98	1.83	ppb
Molybdenum	95-1	4.78	4.60	4.62	4.67	2.16	ppb
Molybdenum	96-1	3.81	3.90	4.01	3.91	2.60	ppb
Molybdenum	97-1	4.62	4.62	4.66	4.63	0.46	ppb
Molybdenum	98-1	4.65	4.65	4.50	4.60	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.05	1.07	1.05	2.09	ppb
Phosphorus	31-2	6.94	-2.99	-1.15	0.93	566.97	ppb
Potassium	39-2	486.70	488.44	477.39	484.18	1.23	ppb
Rhodium	103-2				100		%
Rhodium	103-1				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	4.45	4.69	5.26	4.80	8.72	ppb
Selenium	78-2	5.02	4.79	5.43	5.08	6.36	ppb
Selenium	82-1	4.24	4.29	4.66	4.40	5.15	ppb
Silicon	28-1	12.79	13.01	12.88	12.89	0.85	ppb
Silver	109-1	1.35	1.34	1.42	1.37	3.17	ppb
Silver	107-1	1.33	1.30	1.35	1.33	1.65	ppb
Sodium	23-2	501.59	502.75	506.03	503.46	0.46	ppb
Strontium	86-1	0.84	0.79	0.87	0.83	5.07	ppb
Strontium	88-1	0.87	0.89	0.86	0.87	1.54	ppb
Sulfur	34-1	21.67	109.06	-19.82	36.97	177.95	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.94	0.98	0.98	0.96	2.61	ppb
Thallium	205-1	0.94	1.00	0.96	0.97	3.24	ppb
Tin	118-1	4.75	4.84	4.86	4.81	1.16	ppb
Titanium	47-1	4.48	4.91	4.75	4.71	4.67	ppb
Uranium	238-1	0.87	0.89	0.88	0.88	1.13	ppb
Vanadium	51-2	4.72	4.89	4.82	4.81	1.74	ppb
Yttrium	89-2				100		%
Yttrium	89-1				99		%
Zinc	66-2	2.06	2.22	2.16	2.15	3.64	ppb
Zirconium	90-1	0.85	0.79	0.82	0.82	3.62	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:24:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	0.85	0.81	0.85	4.18	ppb

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 16:28:01 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1033.38	1010.76	1039.41	1027.85	1.47	ppb
Antimony	121-1	43.38	41.90	40.70	41.99	3.20	ppb
Arsenic	75-2	49.76	49.35	50.23	49.78	0.89	ppb
Barium	135-1	254.00	254.65	254.18	254.28	0.13	ppb
Barium	137-1	254.52	254.84	256.36	255.24	0.38	ppb
Beryllium	9-1	50.84	50.42	50.23	50.50	0.62	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	46.85	48.80	50.41	48.69	3.66	ppb
Boron	11-1	48.62	49.19	49.95	49.25	1.36	ppb
Cadmium	106-1	50.46	53.53	52.16	52.05	2.96	ppb
Cadmium	108-1	52.90	52.93	52.50	52.77	0.45	ppb
Cadmium	111-1	52.65	52.95	52.80	52.80	0.28	ppb
Calcium	43-1	4933.10	5033.36	4892.92	4953.13	1.46	ppb
Calcium	44-1	4954.64	4985.81	4955.92	4965.46	0.36	ppb
Chromium	52-2	50.62	50.47	50.85	50.65	0.38	ppb
Cobalt	59-2	51.62	50.72	51.61	51.32	1.01	ppb
Copper	63-2	105.42	103.82	106.21	105.15	1.16	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2602.78	2572.86	2597.90	2591.18	0.62	ppb
Iron	57-2	2552.62	2529.90	2572.01	2551.51	0.83	ppb
Lead	206-1	48.60	48.55	49.18	48.78	0.72	ppb
Lead	207-1	48.40	48.39	48.61	48.47	0.26	ppb
Lead	208-1	48.89	48.70	49.27	48.95	0.59	ppb
Lithium	6-1				96		%
Magnesium	24-2	5292.10	5174.34	5274.38	5246.94	1.21	ppb
Manganese	55-2	101.90	102.24	102.88	102.34	0.49	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:28:01	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.27	50.04	49.44	49.58	0.82	ppb
Molybdenum	95-1	49.38	49.28	49.54	49.40	0.26	ppb
Molybdenum	96-1	48.11	48.36	48.05	48.17	0.35	ppb
Molybdenum	97-1	49.20	49.22	49.09	49.17	0.14	ppb
Molybdenum	98-1	48.66	48.83	48.31	48.60	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.23	52.62	53.18	53.01	0.64	ppb
Phosphorus	31-2	994.66	1063.54	1116.77	1058.32	5.78	ppb
Potassium	39-2	2492.56	2483.60	2506.11	2494.09	0.45	ppb
Rhodium	103-2				99		%
Rhodium	103-1				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	56.87	51.39	50.39	52.88	6.60	ppb
Selenium	78-2	53.55	51.51	48.70	51.25	4.76	ppb
Selenium	82-1	51.66	51.63	51.31	51.53	0.38	ppb
Silicon	28-1	65.81	67.33	66.58	66.57	1.14	ppb
Silver	109-1	52.71	52.97	52.56	52.75	0.39	ppb
Silver	107-1	52.97	53.01	52.73	52.90	0.29	ppb
Sodium	23-2	5224.42	5152.26	5246.24	5207.64	0.94	ppb
Strontium	86-1	50.26	50.02	50.32	50.20	0.32	ppb
Strontium	88-1	50.81	50.44	51.08	50.77	0.63	ppb
Sulfur	34-1	1219.04	1374.62	1242.01	1278.56	6.57	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	49.15	49.56	49.79	49.50	0.65	ppb
Thallium	205-1	49.61	49.18	49.86	49.55	0.70	ppb
Tin	118-1	50.81	50.45	49.90	50.39	0.91	ppb
Titanium	47-1	49.80	50.80	50.97	50.52	1.26	ppb
Uranium	238-1	47.94	47.70	48.38	48.00	0.72	ppb
Vanadium	51-2	50.14	49.63	50.29	50.02	0.68	ppb
Yttrium	89-2				100		%
Yttrium	89-1				100		%
Zinc	66-2	106.05	104.46	104.82	105.11	0.79	ppb
Zirconium	90-1	49.27	49.64	49.59	49.50	0.41	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:28:01	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.57	49.47	49.72	49.25	1.23	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:32:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2542.90	2516.99	2555.71	2538.54	0.78	ppb
Antimony	121-1	117.70	116.04	114.54	116.09	1.36	ppb
Arsenic	75-2	126.63	125.30	125.66	125.86	0.55	ppb
Barium	135-1	633.69	628.46	632.91	631.69	0.45	ppb
Barium	137-1	631.19	633.54	638.50	634.41	0.59	ppb
Beryllium	9-1	126.37	127.08	126.57	126.67	0.29	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	117.78	124.70	122.20	121.56	2.88	ppb
Boron	11-1	121.26	123.87	124.80	123.31	1.49	ppb
Cadmium	111-1	131.70	130.38	130.77	130.95	0.52	ppb
Cadmium	106-1	133.73	129.25	130.48	131.16	1.77	ppb
Cadmium	108-1	130.16	132.43	132.24	131.61	0.96	ppb
Calcium	43-1	12309.84	12465.62	12486.16	12420.54	0.78	ppb
Calcium	44-1	12418.31	12397.66	12375.44	12397.14	0.17	ppb
Chromium	52-2	126.92	128.19	127.29	127.47	0.51	ppb
Cobalt	59-2	128.10	127.94	128.00	128.01	0.06	ppb
Copper	63-2	261.86	263.53	260.61	262.00	0.56	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	6525.63	6507.09	6470.33	6501.02	0.43	ppb
Iron	57-2	6455.97	6481.25	6422.00	6453.08	0.46	ppb
Lead	206-1	124.07	125.75	125.65	125.16	0.75	ppb
Lead	207-1	123.10	123.68	124.50	123.76	0.57	ppb
Lead	208-1	124.08	125.11	125.56	124.92	0.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	13033.76	13096.31	13041.27	13057.11	0.26	ppb
Manganese	55-2	256.60	255.29	256.68	256.19	0.30	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:32:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	124.73	125.33	124.46	124.84	0.36	ppb
Molybdenum	95-1	125.42	126.60	125.34	125.79	0.56	ppb
Molybdenum	96-1	122.52	123.57	123.39	123.16	0.45	ppb
Molybdenum	97-1	125.18	126.20	125.19	125.52	0.46	ppb
Molybdenum	98-1	123.66	126.14	124.94	124.91	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.45	131.13	130.43	130.67	0.31	ppb
Phosphorus	31-2	2622.86	2672.58	2566.75	2620.73	2.02	ppb
Potassium	39-2	6331.30	6342.29	6284.77	6319.45	0.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-2				99		%
Scandium	45-1				99		%
Selenium	82-1	131.16	132.77	129.63	131.19	1.19	ppb
Selenium	77-2	138.36	127.18	123.87	129.80	5.85	ppb
Selenium	78-2	131.63	129.54	130.31	130.49	0.81	ppb
Silicon	28-1	164.38	165.64	170.33	166.78	1.88	ppb
Silver	109-1	131.32	130.47	132.07	131.28	0.61	ppb
Silver	107-1	131.28	131.41	131.76	131.48	0.19	ppb
Sodium	23-2	13007.18	13143.18	12994.68	13048.35	0.63	ppb
Strontium	88-1	127.20	126.98	127.29	127.16	0.13	ppb
Strontium	86-1	124.34	126.89	126.61	125.95	1.11	ppb
Sulfur	34-1	2777.65	2722.48	2935.31	2811.81	3.93	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	125.74	127.56	125.02	126.11	1.04	ppb
Thallium	205-1	125.27	128.30	127.16	126.91	1.21	ppb
Tin	118-1	125.86	125.09	126.75	125.90	0.66	ppb
Titanium	47-1	127.10	125.53	128.25	126.96	1.08	ppb
Uranium	238-1	123.20	124.84	123.60	123.88	0.69	ppb
Vanadium	51-2	125.85	126.30	125.58	125.91	0.29	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	264.34	266.25	264.01	264.87	0.46	ppb
Zirconium	90-1	126.60	127.15	125.97	126.57	0.47	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:32:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.85	125.04	125.82	125.24	0.41	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:35:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5090.53	5103.02	5043.93	5079.16	0.61	ppb
Antimony	121-1	247.46	241.82	238.57	242.62	1.85	ppb
Arsenic	75-2	253.42	254.01	252.56	253.33	0.29	ppb
Barium	135-1	1273.35	1260.61	1265.94	1266.64	0.51	ppb
Barium	137-1	1269.56	1256.32	1253.49	1259.79	0.68	ppb
Beryllium	9-1	252.22	253.45	253.15	252.94	0.25	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	247.37	250.81	247.77	248.65	0.76	ppb
Boron	11-1	249.41	250.22	249.66	249.76	0.17	ppb
Cadmium	106-1	266.20	258.85	260.39	261.81	1.48	ppb
Cadmium	108-1	260.37	259.52	257.79	259.23	0.51	ppb
Cadmium	111-1	262.00	257.56	260.73	260.10	0.88	ppb
Calcium	43-1	24960.85	24629.46	24644.78	24745.03	0.76	ppb
Calcium	44-1	24793.24	24687.23	24501.07	24660.52	0.60	ppb
Chromium	52-2	254.33	256.60	254.12	255.02	0.54	ppb
Cobalt	59-2	256.30	256.78	255.38	256.15	0.28	ppb
Copper	63-2	516.66	522.69	517.10	518.82	0.65	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	13002.05	12903.60	12917.39	12941.01	0.41	ppb
Iron	57-2	12861.99	12881.94	12818.32	12854.08	0.25	ppb
Lead	206-1	249.25	249.80	251.91	250.32	0.56	ppb
Lead	207-1	247.57	248.65	249.51	248.58	0.39	ppb
Lead	208-1	250.48	251.09	252.33	251.30	0.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	26212.21	26185.64	25939.17	26112.34	0.58	ppb
Manganese	55-2	513.19	514.18	510.74	512.70	0.34	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:35:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	251.90	252.47	249.51	251.29	0.62	ppb
Molybdenum	95-1	251.47	253.64	249.79	251.63	0.77	ppb
Molybdenum	96-1	249.26	248.39	247.47	248.37	0.36	ppb
Molybdenum	97-1	253.15	251.28	249.26	251.23	0.77	ppb
Molybdenum	98-1	252.30	249.57	248.88	250.25	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.55	261.31	259.71	260.53	0.31	ppb
Phosphorus	31-2	5146.31	5142.21	5126.67	5138.40	0.20	ppb
Potassium	39-2	12469.47	12334.12	12335.54	12379.71	0.63	ppb
Rhodium	103-2				97		%
Rhodium	103-1				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	249.20	249.68	255.94	251.60	1.50	ppb
Selenium	78-2	249.79	256.97	251.61	252.79	1.48	ppb
Selenium	82-1	257.60	260.64	259.14	259.13	0.59	ppb
Silicon	28-1	337.83	333.84	328.96	333.54	1.33	ppb
Silver	109-1	262.76	259.38	259.40	260.51	0.75	ppb
Silver	107-1	263.12	260.84	260.79	261.59	0.51	ppb
Sodium	23-2	26345.93	26107.27	25897.93	26117.05	0.86	ppb
Strontium	86-1	251.35	253.40	251.95	252.23	0.42	ppb
Strontium	88-1	253.17	252.19	252.66	252.67	0.19	ppb
Sulfur	34-1	5435.18	5362.88	5266.98	5355.01	1.58	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	251.90	252.31	253.91	252.70	0.42	ppb
Thallium	205-1	248.96	247.23	250.07	248.75	0.58	ppb
Tin	118-1	255.31	253.92	255.11	254.78	0.29	ppb
Titanium	47-1	256.17	253.55	253.05	254.26	0.66	ppb
Uranium	238-1	243.85	246.16	244.60	244.87	0.48	ppb
Vanadium	51-2	250.44	251.79	251.42	251.22	0.28	ppb
Yttrium	89-2				98		%
Yttrium	89-1				99		%
Zinc	66-2	520.22	524.99	519.49	521.56	0.57	ppb
Zirconium	90-1	253.68	253.93	249.95	252.52	0.88	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:35:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	251.62	250.73	249.98	250.78	0.33	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:39:23	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10302.98	10169.15	10129.07	10200.40	0.89	ppb
Antimony	121-1	499.18	486.07	488.38	491.21	1.42	ppb
Arsenic	75-2	502.82	502.03	499.28	501.38	0.37	ppb
Barium	135-1	2499.41	2475.90	2462.59	2479.30	0.75	ppb
Barium	137-1	2489.16	2482.00	2470.15	2480.44	0.39	ppb
Beryllium	9-1	494.77	498.90	497.65	497.11	0.43	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	483.43	495.34	491.69	490.15	1.24	ppb
Boron	11-1	489.63	494.57	500.27	494.82	1.08	ppb
Cadmium	106-1	512.63	502.10	506.53	507.08	1.04	ppb
Cadmium	108-1	506.69	503.85	508.83	506.46	0.49	ppb
Cadmium	111-1	505.13	499.19	502.59	502.30	0.59	ppb
Calcium	43-1	49673.91	49569.92	49034.79	49426.20	0.69	ppb
Calcium	44-1	49388.53	49464.59	49422.75	49425.29	0.08	ppb
Chromium	52-2	503.14	505.89	504.20	504.41	0.27	ppb
Cobalt	59-2	506.16	504.89	505.99	505.68	0.14	ppb
Copper	63-2	1031.91	1020.99	1026.14	1026.35	0.53	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				101		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	25604.40	25782.80	25799.24	25728.81	0.42	ppb
Iron	57-2	25687.72	25591.13	25609.23	25629.36	0.20	ppb
Lead	206-1	501.12	504.71	493.68	499.84	1.13	ppb
Lead	207-1	495.15	499.47	489.69	494.77	0.99	ppb
Lead	208-1	496.82	504.25	491.04	497.37	1.33	ppb
Lithium	6-1				94		%
Magnesium	24-2	51580.55	50787.60	51038.91	51135.69	0.79	ppb
Manganese	55-2	1019.53	1016.96	1020.70	1019.06	0.19	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:39:23	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.09	503.96	497.60	503.22	1.05	ppb
Molybdenum	95-1	509.43	501.68	501.57	504.22	0.89	ppb
Molybdenum	96-1	501.04	492.97	497.82	497.28	0.82	ppb
Molybdenum	97-1	506.69	497.09	503.31	502.36	0.97	ppb
Molybdenum	98-1	507.68	498.34	507.12	504.38	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.04	512.02	515.16	514.07	0.35	ppb
Phosphorus	31-2	10067.38	10103.99	10209.40	10126.92	0.73	ppb
Potassium	39-2	24660.34	24438.10	24495.64	24531.36	0.47	ppb
Rhodium	103-2				95		%
Rhodium	103-1				95		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	524.47	490.47	529.29	514.75	4.11	ppb
Selenium	78-2	499.24	502.17	502.04	501.15	0.33	ppb
Selenium	82-1	513.97	509.68	514.82	512.83	0.54	ppb
Silicon	28-1	501.48	504.34	506.11	503.98	0.46	ppb
Silver	109-1	503.34	503.89	499.42	502.21	0.49	ppb
Silver	107-1	508.15	498.89	516.29	507.78	1.71	ppb
Sodium	23-2	51444.64	51416.51	51267.10	51376.08	0.19	ppb
Strontium	86-1	500.85	498.14	501.07	500.02	0.33	ppb
Strontium	88-1	502.07	504.64	505.80	504.17	0.38	ppb
Sulfur	34-1	10130.01	10238.46	9963.52	10110.66	1.37	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	501.31	505.24	505.48	504.01	0.46	ppb
Thallium	205-1	500.19	503.57	495.80	499.85	0.78	ppb
Tin	118-1	504.83	492.19	501.69	499.57	1.32	ppb
Titanium	47-1	500.54	504.33	503.06	502.65	0.38	ppb
Uranium	238-1	495.64	501.79	489.59	495.67	1.23	ppb
Vanadium	51-2	499.72	500.85	499.11	499.90	0.18	ppb
Yttrium	89-2				97		%
Yttrium	89-1				98		%
Zinc	66-2	1028.24	1024.88	1020.20	1024.44	0.39	ppb
Zirconium	90-1	509.31	504.58	502.15	505.34	0.72	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:39:23	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.61	502.29	503.20	502.37	0.16	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:42:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19509.80	19559.17	19882.48	19650.48	1.03	ppb
Antimony	121-1	998.99	1007.00	1017.28	1007.75	0.91	ppb
Arsenic	75-2	995.66	1003.56	995.93	998.38	0.45	ppb
Barium	135-1	4941.38	4987.03	5087.01	5005.14	1.49	ppb
Barium	137-1	4957.71	5009.29	5050.69	5005.90	0.93	ppb
Beryllium	9-1	991.43	999.38	1010.62	1000.48	0.96	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	980.80	1015.57	1020.99	1005.79	2.17	ppb
Boron	11-1	985.55	1006.07	1017.20	1002.94	1.60	ppb
Cadmium	106-1	977.44	996.78	1003.68	992.63	1.37	ppb
Cadmium	108-1	978.53	1000.04	1001.93	993.50	1.31	ppb
Cadmium	111-1	981.01	998.09	1007.21	995.44	1.34	ppb
Calcium	43-1	99491.08	98956.74	99076.30	99174.71	0.28	ppb
Calcium	44-1	98815.14	98194.41	98135.36	98381.64	0.38	ppb
Chromium	52-2	994.41	995.13	999.06	996.20	0.25	ppb
Cobalt	59-2	994.57	993.77	997.20	995.18	0.18	ppb
Copper	63-2	1980.95	1970.31	1989.83	1980.36	0.49	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				100		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	50273.49	50586.02	50699.68	50519.73	0.44	ppb
Iron	57-2	50258.75	50371.42	50629.52	50419.90	0.38	ppb
Lead	206-1	1002.44	999.90	997.78	1000.04	0.23	ppb
Lead	207-1	1003.19	1000.54	1005.88	1003.20	0.27	ppb
Lead	208-1	998.72	999.73	1004.71	1001.05	0.32	ppb
Lithium	6-1				89		%
Magnesium	24-2	100955.18	100580.29	101791.00	101108.82	0.61	ppb
Manganese	55-2	1981.97	1989.83	1987.40	1986.40	0.20	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:42:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	991.80	1004.04	998.54	998.12	0.61	ppb
Molybdenum	95-1	996.89	1001.80	993.54	997.41	0.42	ppb
Molybdenum	96-1	999.68	1000.81	1005.80	1002.10	0.33	ppb
Molybdenum	97-1	998.44	1002.61	994.42	998.49	0.41	ppb
Molybdenum	98-1	1010.94	995.70	986.85	997.83	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	983.69	986.87	997.85	989.47	0.75	ppb
Phosphorus	31-2	19909.34	19812.17	19930.29	19883.93	0.32	ppb
Potassium	39-2	48339.19	49117.47	48774.75	48743.80	0.80	ppb
Rhodium	103-2				93		%
Rhodium	103-1				92		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	986.56	1000.36	987.53	991.48	0.78	ppb
Selenium	78-2	997.14	993.71	1003.08	997.98	0.48	ppb
Selenium	82-1	984.67	997.32	989.39	990.46	0.65	ppb
Silicon	28-1	974.73	966.99	971.42	971.04	0.40	ppb
Silver	109-1	974.58	1005.43	1006.01	995.34	1.81	ppb
Silver	107-1	987.45	998.85	990.48	992.26	0.59	ppb
Sodium	23-2	101766.84	102919.30	103250.61	102645.58	0.76	ppb
Strontium	86-1	993.07	1000.64	1004.20	999.30	0.57	ppb
Strontium	88-1	993.14	1001.10	996.58	996.94	0.40	ppb
Sulfur	34-1	19833.30	19723.26	19852.48	19803.01	0.35	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	1000.03	991.09	1000.50	997.21	0.53	ppb
Thallium	205-1	1002.20	999.53	998.78	1000.17	0.18	ppb
Tin	118-1	991.16	1000.86	1004.65	998.89	0.70	ppb
Titanium	47-1	993.61	997.02	1001.40	997.34	0.39	ppb
Uranium	238-1	1000.63	998.66	1011.77	1003.69	0.70	ppb
Vanadium	51-2	996.80	996.97	1005.13	999.63	0.48	ppb
Yttrium	89-2				96		%
Yttrium	89-1				99		%
Zinc	66-2	1966.15	1978.56	1996.11	1980.28	0.76	ppb
Zirconium	90-1	993.64	1004.98	990.96	996.53	0.75	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:42:53	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	993.14	1009.82	992.93	998.63	0.97	ppb

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : S08 Instrumnet Name : P7
 Client Sample ID : S08 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 16:46:21 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99956.80	100241.15	99936.04	100044.66	0.17	ppb
Antimony	121-1	4.95	5.37	5.97	5.43	9.48	ppb
Arsenic	75-2	1.44	1.52	1.62	1.53	5.94	ppb
Barium	135-1	2.12	2.05	1.91	2.03	5.22	ppb
Barium	137-1	2.06	1.92	1.88	1.95	4.65	ppb
Beryllium	9-1	0.15	0.13	0.15	0.14	8.97	ppb
Bismuth	209-1				84		%
Bismuth	209-2				86		%
Boron	10-1	25.12	22.57	20.50	22.73	10.19	ppb
Boron	11-1	25.32	23.38	21.96	23.55	7.14	ppb
Cadmium	106-1	-0.48	-1.38	-0.06	-0.64		ppb
Cadmium	108-1	0.19	0.21	0.19	0.20	7.27	ppb
Cadmium	111-1	0.21	0.19	0.15	0.18	14.21	ppb
Calcium	43-1	497108.43	498890.16	504714.42	500237.67	0.80	ppb
Calcium	44-1	501724.95	497637.25	501840.97	500401.06	0.48	ppb
Chromium	52-2	21.89	21.78	21.63	21.77	0.61	ppb
Cobalt	59-2	1.21	1.17	1.19	1.19	1.68	ppb
Copper	63-2	2.51	2.49	2.47	2.49	0.92	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				95		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	56-2	249082.62	249546.40	250752.78	249793.93	0.35	ppb
Iron	57-2	249960.87	248281.05	251247.45	249829.79	0.60	ppb
Lead	206-1	1.87	1.84	1.84	1.85	0.88	ppb
Lead	207-1	1.67	1.67	1.60	1.65	2.63	ppb
Lead	208-1	1.75	1.76	1.74	1.75	0.32	ppb
Lithium	6-1				82		%
Magnesium	24-2	498798.61	497887.78	502091.54	499592.65	0.44	ppb
Manganese	55-2	7.65	7.58	7.69	7.64	0.70	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:46:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.68	1.81	2.03	1.84	9.62	ppb
Molybdenum	95-1	4.90	5.29	5.76	5.32	8.14	ppb
Molybdenum	96-1	4.65	5.04	5.43	5.04	7.69	ppb
Molybdenum	97-1	4.89	5.09	5.96	5.31	10.73	ppb
Molybdenum	98-1	4.75	5.27	5.69	5.24	9.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.05	11.92	11.90	11.96	0.70	ppb
Phosphorus	31-2	14.78	20.89	4.49	13.38	61.93	ppb
Potassium	39-2	248263.85	251080.38	251563.18	250302.47	0.71	ppb
Rhodium	103-2				88		%
Rhodium	103-1				85		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	77-2	0.94	1.74	2.86	1.85	52.21	ppb
Selenium	78-2	1.89	2.94	2.52	2.45	21.53	ppb
Selenium	82-1	2.36	0.37	0.43	1.05	107.73	ppb
Silicon	28-1	110.95	117.24	119.48	115.89	3.82	ppb
Silver	109-1	0.20	0.19	0.20	0.20	3.00	ppb
Silver	107-1	0.20	0.21	0.20	0.20	2.63	ppb
Sodium	23-2	501877.55	500859.74	495047.61	499261.63	0.74	ppb
Strontium	86-1	28.20	28.17	28.27	28.21	0.18	ppb
Strontium	88-1	28.51	28.46	28.44	28.47	0.12	ppb
Sulfur	34-1	-611.97	-743.41	-766.96	-707.45		ppb
Terbium	159-1				94		%
Terbium	159-2				99		%
Thallium	203-1	0.44	0.44	0.39	0.43	7.09	ppb
Thallium	205-1	0.46	0.42	0.39	0.42	9.41	ppb
Tin	118-1	1.00	1.06	1.26	1.11	12.02	ppb
Titanium	47-1	1.09	1.35	6.44	2.96	101.87	ppb
Uranium	238-1	0.24	0.24	0.21	0.23	7.09	ppb
Vanadium	51-2	0.32	0.33	0.31	0.32	2.58	ppb
Yttrium	89-2				98		%
Yttrium	89-1				94		%
Zinc	66-2	18.30	18.08	18.45	18.28	1.03	ppb
Zirconium	90-1	0.26	0.31	0.31	0.30	9.34	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:46:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.29	0.29	0.28	3.05	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:50:05	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.41	510.25	508.49	506.05	1.15	ppb
Antimony	121-1	193.94	192.62	191.15	192.57	0.72	ppb
Arsenic	75-2	203.76	203.90	203.40	203.68	0.13	ppb
Barium	135-1	100.61	101.80	103.17	101.86	1.26	ppb
Barium	137-1	102.02	102.40	104.17	102.87	1.12	ppb
Beryllium	9-1	98.46	99.33	99.32	99.03	0.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	555.98	550.52	556.36	554.29	0.59	ppb
Boron	11-1	552.33	556.09	559.23	555.88	0.62	ppb
Cadmium	106-1	193.44	191.91	193.12	192.82	0.42	ppb
Cadmium	108-1	154.39	151.81	154.61	153.61	1.01	ppb
Cadmium	111-1	107.23	107.86	108.00	107.70	0.38	ppb
Calcium	43-1	2254.36	2313.47	2312.92	2293.58	1.48	ppb
Calcium	44-1	2172.27	2178.93	2167.22	2172.81	0.27	ppb
Chromium	52-2	97.24	98.07	99.49	98.27	1.16	ppb
Cobalt	59-2	101.35	102.42	102.79	102.19	0.73	ppb
Copper	63-2	101.98	102.73	102.90	102.54	0.48	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				105		%
Holmium	165-1				103		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	1034.34	1030.56	1033.72	1032.87	0.20	ppb
Iron	57-2	1018.22	1027.36	1028.94	1024.84	0.56	ppb
Lead	206-1	199.95	202.01	201.55	201.17	0.54	ppb
Lead	207-1	190.67	189.64	190.94	190.42	0.36	ppb
Lead	208-1	198.06	197.56	198.25	197.95	0.18	ppb
Lithium	6-1				92		%
Magnesium	24-2	1250.58	1255.06	1244.67	1250.10	0.42	ppb
Manganese	55-2	99.96	101.23	100.85	100.68	0.65	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:50:05	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	511.22	511.68	512.86	511.92	0.16	ppb
Molybdenum	95-1	510.64	509.72	506.66	509.00	0.41	ppb
Molybdenum	96-1	511.91	519.16	509.84	513.63	0.95	ppb
Molybdenum	97-1	507.15	510.09	507.95	508.39	0.30	ppb
Molybdenum	98-1	514.69	515.73	510.82	513.75	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.87	104.78	104.87	104.51	0.53	ppb
Phosphorus	31-2	1.33	-3.59	-0.30	-0.85		ppb
Potassium	39-2	2028.37	2027.99	2022.69	2026.35	0.16	ppb
Rhodium	103-2				104		%
Rhodium	103-1				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	209.95	204.74	201.80	205.49	2.01	ppb
Selenium	78-2	206.89	207.34	208.40	207.54	0.37	ppb
Selenium	82-1	206.52	205.12	205.60	205.74	0.35	ppb
Silicon	28-1	477.10	486.32	479.12	480.85	1.01	ppb
Silver	109-1	105.82	105.86	106.64	106.11	0.44	ppb
Silver	107-1	106.52	106.27	106.93	106.58	0.31	ppb
Sodium	23-2	2126.23	2119.65	2111.98	2119.29	0.34	ppb
Strontium	86-1	448.36	453.21	448.19	449.92	0.63	ppb
Strontium	88-1	456.53	455.08	453.42	455.01	0.34	ppb
Sulfur	34-1	-1268.96	-1171.06	-1180.23	-1206.75		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	199.56	201.40	202.67	201.21	0.78	ppb
Thallium	205-1	198.47	201.66	200.61	200.24	0.81	ppb
Tin	118-1	536.12	531.62	534.63	534.12	0.43	ppb
Titanium	47-1	507.43	506.73	506.14	506.76	0.13	ppb
Uranium	238-1	478.26	488.91	491.31	486.16	1.43	ppb
Vanadium	51-2	98.52	98.90	99.38	98.93	0.44	ppb
Yttrium	89-2				105		%
Yttrium	89-1				106		%
Zinc	66-2	208.20	207.52	208.14	207.96	0.18	ppb
Zirconium	90-1	515.98	510.28	512.07	512.77	0.57	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:50:05	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.69	503.27	499.54	503.17	0.71	ppb

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 16:56:54 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.68	1.31	0.46	0.82	53.96	ppb
Antimony	121-1	0.84	1.10	1.30	1.08	21.36	ppb
Arsenic	75-2	0.20	0.22	0.29	0.24	18.17	ppb
Barium	135-1	-0.04	-0.03	-0.02	-0.03		ppb
Barium	137-1	-0.06	-0.05	-0.05	-0.05		ppb
Beryllium	9-1	-0.04	-0.04	-0.04	-0.04		ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	5.31	4.89	4.80	5.00	5.45	ppb
Boron	11-1	5.32	5.14	4.66	5.04	6.71	ppb
Cadmium	106-1	-0.05	-0.61	-1.36	-0.67		ppb
Cadmium	108-1	-0.01	0.03	0.00	0.00	525.87	ppb
Cadmium	111-1	-0.03	-0.02	-0.01	-0.02		ppb
Calcium	43-1	2.99	0.01	0.75	1.25	124.38	ppb
Calcium	44-1	4.74	4.15	5.21	4.70	11.24	ppb
Chromium	52-2	0.00	0.00	-0.01	0.00		ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.27	-0.23	-0.28	-0.26		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	1.56	1.56	1.62	1.58	2.27	ppb
Iron	57-2	1.04	1.29	1.38	1.23	14.26	ppb
Lead	206-1	0.03	0.03	0.03	0.03	3.68	ppb
Lead	207-1	0.04	0.03	0.03	0.03	22.08	ppb
Lead	208-1	0.03	0.03	0.03	0.03	5.59	ppb
Lithium	6-1				89		%
Magnesium	24-2	2.29	1.59	2.10	2.00	18.29	ppb
Manganese	55-2	-0.02	-0.01	0.00	-0.01		ppb

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 16:56:54 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.12	0.14	0.11	30.10	ppb
Molybdenum	95-1	0.23	0.33	0.51	0.36	39.27	ppb
Molybdenum	96-1	0.19	0.30	0.38	0.29	33.38	ppb
Molybdenum	97-1	0.24	0.33	0.47	0.34	34.43	ppb
Molybdenum	98-1	0.20	0.35	0.47	0.34	39.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.02	-0.05	-0.04		ppb
Phosphorus	31-2	-1.92	-1.89	5.98	0.73	627.54	ppb
Potassium	39-2	14.87	14.49	12.94	14.10	7.26	ppb
Rhodium	103-2				104		%
Rhodium	103-1				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	1.12	0.35	0.60	0.69	56.88	ppb
Selenium	78-2	0.18	1.01	0.54	0.58	71.76	ppb
Selenium	82-1	-1.32	-0.32	0.87	-0.26		ppb
Silicon	28-1	-2.36	-3.40	-2.33	-2.69		ppb
Silver	109-1	0.02	0.01	0.02	0.01	35.56	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.20	ppb
Sodium	23-2	33.82	35.94	32.43	34.06	5.19	ppb
Strontium	86-1	0.01	0.03	0.00	0.01	112.98	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	179.67	ppb
Sulfur	34-1	-1225.39	-1266.98	-1146.45	-1212.94		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.00	0.01	0.01	89.84	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	102.86	ppb
Tin	118-1	0.12	0.14	0.17	0.14	19.26	ppb
Titanium	47-1	0.02	0.02	0.02	0.02	18.00	ppb
Uranium	238-1	-0.05	-0.05	-0.05	-0.05		ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-2				103		%
Yttrium	89-1				105		%
Zinc	66-2	0.10	0.50	0.05	0.22	115.00	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	22.42	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:56:54	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.04	0.02	60.16	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:00:24	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92766.80	93948.31	92601.41	93105.51	0.79	ppb
Antimony	121-1	1.57	1.61	1.75	1.65	5.73	ppb
Arsenic	75-2	0.41	0.31	0.38	0.37	14.04	ppb
Barium	135-1	1.38	1.31	1.33	1.34	2.33	ppb
Barium	137-1	1.38	1.46	1.49	1.45	3.87	ppb
Beryllium	9-1	0.21	0.23	0.23	0.22	7.21	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	3.98	3.54	4.34	3.95	10.07	ppb
Boron	11-1	4.74	4.37	4.38	4.50	4.73	ppb
Cadmium	106-1	-0.62	-1.14	-1.62	-1.13		ppb
Cadmium	108-1	13.34	13.53	12.79	13.22	2.89	ppb
Cadmium	111-1	1.70	1.61	1.57	1.63	4.09	ppb
Calcium	43-1	96502.29	96658.59	96933.70	96698.19	0.23	ppb
Calcium	44-1	95799.52	95504.58	95370.73	95558.27	0.23	ppb
Chromium	52-2	19.21	19.41	19.02	19.21	1.04	ppb
Cobalt	59-2	1.12	1.10	1.11	1.11	1.04	ppb
Copper	63-2	7.95	8.10	7.83	7.96	1.74	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				103		%
Holmium	165-1				103		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	99072.25	99078.46	97867.26	98672.66	0.71	ppb
Iron	57-2	98705.36	99543.26	98445.26	98897.96	0.58	ppb
Lead	206-1	4.49	4.48	4.61	4.53	1.59	ppb
Lead	207-1	3.90	3.84	3.92	3.89	0.98	ppb
Lead	208-1	4.15	4.11	4.26	4.18	1.91	ppb
Lithium	6-1				88		%
Magnesium	24-2	98043.46	98240.63	98016.91	98100.33	0.12	ppb
Manganese	55-2	7.76	7.78	7.47	7.67	2.21	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:00:24	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	581.57	572.26	574.77	576.20	0.84	ppb
Molybdenum	95-1	1927.72	1900.58	1903.72	1910.67	0.78	ppb
Molybdenum	96-1	1590.24	1586.17	1594.38	1590.26	0.26	ppb
Molybdenum	97-1	1939.40	1943.43	1934.35	1939.06	0.23	ppb
Molybdenum	98-1	1919.79	1900.06	1884.76	1901.54	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.31	5.32	5.31	5.31	0.09	ppb
Phosphorus	31-2	96610.00	97165.93	95583.31	96453.08	0.83	ppb
Potassium	39-2	96665.30	95809.04	95460.03	95978.12	0.65	ppb
Rhodium	103-2				97		%
Rhodium	103-1				96		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.09	0.08	1.16	0.44	139.50	ppb
Selenium	78-2	0.72	-0.50	0.64	0.28	239.89	ppb
Selenium	82-1	0.22	-0.22	-0.41	-0.13		ppb
Silicon	28-1	20.69	20.50	21.22	20.80	1.78	ppb
Silver	109-1	0.12	0.14	0.18	0.15	19.71	ppb
Silver	107-1	0.10	0.16	0.15	0.14	21.50	ppb
Sodium	23-2	100196.41	99791.80	98940.21	99642.81	0.64	ppb
Strontium	86-1	28.48	28.11	28.04	28.21	0.83	ppb
Strontium	88-1	28.27	28.39	28.16	28.28	0.40	ppb
Sulfur	34-1	66308.61	65962.64	66072.74	66114.66	0.27	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.72	ppb
Thallium	205-1	0.03	0.03	0.04	0.04	19.57	ppb
Tin	118-1	0.20	0.19	0.20	0.20	3.46	ppb
Titanium	47-1	1948.43	1953.92	1934.64	1945.66	0.51	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.17	0.15	0.17	0.16	8.86	ppb
Yttrium	89-2				101		%
Yttrium	89-1				103		%
Zinc	66-2	11.43	11.04	11.70	11.39	2.93	ppb
Zirconium	90-1	0.18	0.19	0.21	0.20	8.29	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:00:24	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.18	0.22	0.20	11.49	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:03:49	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92311.35	92745.95	92936.42	92664.58	0.35	ppb
Antimony	121-1	20.09	19.84	19.78	19.90	0.83	ppb
Arsenic	75-2	19.45	19.33	19.59	19.46	0.67	ppb
Barium	135-1	21.33	20.89	21.10	21.11	1.04	ppb
Barium	137-1	21.25	21.39	21.31	21.32	0.34	ppb
Beryllium	9-1	19.63	19.73	19.42	19.59	0.81	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	57.05	55.22	56.40	56.22	1.66	ppb
Boron	11-1	56.68	55.73	56.39	56.27	0.87	ppb
Cadmium	106-1	22.96	24.64	24.70	24.10	4.10	ppb
Cadmium	108-1	36.28	36.41	34.96	35.88	2.22	ppb
Cadmium	111-1	20.86	21.02	21.14	21.01	0.65	ppb
Calcium	43-1	93390.97	95373.90	95927.84	94897.57	1.41	ppb
Calcium	44-1	93567.88	95585.30	95304.25	94819.14	1.15	ppb
Chromium	52-2	38.36	37.98	38.38	38.24	0.59	ppb
Cobalt	59-2	20.49	20.54	20.43	20.49	0.27	ppb
Copper	63-2	27.60	27.33	27.41	27.45	0.51	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				103		%
Holmium	165-1				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	96997.35	97157.61	96587.04	96914.00	0.30	ppb
Iron	57-2	97858.94	98055.77	96533.94	97482.88	0.85	ppb
Lead	206-1	24.62	24.26	24.27	24.38	0.83	ppb
Lead	207-1	22.34	22.07	21.94	22.11	0.91	ppb
Lead	208-1	23.40	23.15	23.02	23.19	0.83	ppb
Lithium	6-1				88		%
Magnesium	24-2	96936.96	97129.28	98269.67	97445.30	0.74	ppb
Manganese	55-2	27.39	27.31	27.08	27.26	0.59	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:03:49	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	625.79	630.01	623.24	626.35	0.55	ppb
Molybdenum	95-1	1943.76	1934.02	1949.02	1942.27	0.39	ppb
Molybdenum	96-1	1626.63	1633.93	1626.80	1629.12	0.26	ppb
Molybdenum	97-1	1985.13	1975.92	1980.32	1980.46	0.23	ppb
Molybdenum	98-1	1970.70	1960.61	1964.30	1965.21	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.34	24.42	24.49	24.42	0.31	ppb
Phosphorus	31-2	95503.94	96500.85	95583.83	95862.88	0.58	ppb
Potassium	39-2	96027.60	95877.70	95813.78	95906.36	0.11	ppb
Rhodium	103-2				98		%
Rhodium	103-1				97		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	17.44	18.46	20.85	18.92	9.25	ppb
Selenium	78-2	18.47	19.30	18.67	18.81	2.31	ppb
Selenium	82-1	19.02	18.79	17.36	18.39	4.87	ppb
Silicon	28-1	83.40	84.55	86.03	84.66	1.56	ppb
Silver	109-1	18.96	18.82	18.97	18.91	0.45	ppb
Silver	107-1	19.14	18.73	18.99	18.96	1.10	ppb
Sodium	23-2	98043.05	98912.50	98610.93	98522.16	0.45	ppb
Strontium	86-1	71.40	71.76	71.17	71.44	0.42	ppb
Strontium	88-1	72.36	72.76	71.98	72.37	0.54	ppb
Sulfur	34-1	64949.03	65129.73	66109.55	65396.11	0.95	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	19.79	19.46	19.45	19.57	0.98	ppb
Thallium	205-1	20.06	19.50	19.76	19.77	1.43	ppb
Tin	118-1	50.58	50.26	50.39	50.41	0.33	ppb
Titanium	47-1	1967.74	1981.15	1980.52	1976.47	0.38	ppb
Uranium	238-1	50.22	50.05	49.89	50.06	0.33	ppb
Vanadium	51-2	19.25	19.12	19.39	19.25	0.69	ppb
Yttrium	89-2				102		%
Yttrium	89-1				104		%
Zinc	66-2	31.46	31.16	31.38	31.33	0.50	ppb
Zirconium	90-1	49.80	49.64	49.32	49.58	0.49	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:03:49	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.97	49.47	48.98	49.14	0.58	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:07:15	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9752.56	9807.15	9853.07	9804.26	0.51	ppb
Antimony	121-1	507.52	498.89	492.36	499.59	1.52	ppb
Arsenic	75-2	503.10	498.93	506.48	502.84	0.75	ppb
Barium	135-1	2532.14	2543.98	2524.31	2533.48	0.39	ppb
Barium	137-1	2505.53	2544.80	2524.64	2524.99	0.78	ppb
Beryllium	9-1	505.83	498.71	502.11	502.22	0.71	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	489.03	490.38	493.14	490.85	0.43	ppb
Boron	11-1	484.71	490.92	498.45	491.36	1.40	ppb
Cadmium	106-1	516.36	513.96	521.63	517.32	0.76	ppb
Cadmium	108-1	506.30	513.44	514.14	511.29	0.85	ppb
Cadmium	111-1	509.02	512.04	515.94	512.33	0.68	ppb
Calcium	43-1	48596.50	48787.72	48822.97	48735.73	0.25	ppb
Calcium	44-1	49101.85	49092.44	49072.86	49089.05	0.03	ppb
Chromium	52-2	502.40	497.87	506.03	502.10	0.81	ppb
Cobalt	59-2	500.22	499.15	498.86	499.41	0.14	ppb
Copper	63-2	1024.21	1011.63	999.40	1011.75	1.23	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				103		%
Holmium	165-1				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	25458.67	25402.93	25547.02	25469.54	0.29	ppb
Iron	57-2	25186.19	25115.09	25271.37	25190.88	0.31	ppb
Lead	206-1	498.46	492.82	494.79	495.35	0.58	ppb
Lead	207-1	492.17	488.66	494.28	491.70	0.58	ppb
Lead	208-1	496.10	487.92	498.18	494.07	1.10	ppb
Lithium	6-1				89		%
Magnesium	24-2	50896.69	51377.85	50760.29	51011.61	0.64	ppb
Manganese	55-2	1012.83	1002.22	1015.49	1010.18	0.69	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:07:15	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	497.76	487.89	496.69	494.11	1.10	ppb
Molybdenum	95-1	500.30	491.60	495.08	495.66	0.88	ppb
Molybdenum	96-1	502.00	496.34	503.11	500.49	0.72	ppb
Molybdenum	97-1	500.46	489.22	495.05	494.91	1.14	ppb
Molybdenum	98-1	510.18	497.57	503.54	503.76	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.79	502.80	504.00	502.53	0.32	ppb
Phosphorus	31-2	10019.51	9739.96	10013.33	9924.27	1.61	ppb
Potassium	39-2	24653.48	24672.37	24898.03	24741.30	0.55	ppb
Rhodium	103-2				101		%
Rhodium	103-1				100		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	504.28	510.46	494.16	502.97	1.64	ppb
Selenium	78-2	511.72	499.16	515.80	508.89	1.70	ppb
Selenium	82-1	510.35	503.90	496.89	503.71	1.34	ppb
Silicon	28-1	481.62	486.20	483.54	483.79	0.48	ppb
Silver	109-1	513.90	513.80	520.09	515.93	0.70	ppb
Silver	107-1	521.98	525.21	523.49	523.56	0.31	ppb
Sodium	23-2	51441.92	51566.34	51362.99	51457.08	0.20	ppb
Strontium	86-1	501.22	492.41	495.83	496.49	0.89	ppb
Strontium	88-1	502.76	501.81	502.72	502.43	0.11	ppb
Sulfur	34-1	8289.71	8547.02	8421.02	8419.25	1.53	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	501.68	498.29	501.23	500.40	0.37	ppb
Thallium	205-1	496.72	492.07	494.00	494.26	0.47	ppb
Tin	118-1	512.69	512.08	516.02	513.60	0.41	ppb
Titanium	47-1	489.62	494.97	491.13	491.91	0.56	ppb
Uranium	238-1	489.52	487.44	491.31	489.42	0.40	ppb
Vanadium	51-2	503.85	498.31	501.92	501.36	0.56	ppb
Yttrium	89-2				103		%
Yttrium	89-1				105		%
Zinc	66-2	1006.29	1016.12	999.27	1007.23	0.84	ppb
Zirconium	90-1	499.33	496.45	498.66	498.15	0.30	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:07:15	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.39	490.64	491.08	491.70	0.30	ppb

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : CCB058 Instrumnet Name : P7
 Client Sample ID : CCB058 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 17:12:57 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	0.48	0.38	0.52	31.14	ppb
Antimony	121-1	1.08	1.37	1.65	1.37	20.71	ppb
Arsenic	75-2	0.21	0.32	0.26	0.26	20.28	ppb
Barium	135-1	-0.02	-0.03	-0.04	-0.03		ppb
Barium	137-1	-0.04	-0.05	-0.05	-0.05		ppb
Beryllium	9-1	-0.02	-0.04	-0.04	-0.03		ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	7.70	6.92	7.83	7.48	6.54	ppb
Boron	11-1	7.79	8.01	7.85	7.88	1.45	ppb
Cadmium	106-1	-0.18	-0.05	-0.78	-0.34		ppb
Cadmium	108-1	0.04	-0.01	0.00	0.01	364.54	ppb
Cadmium	111-1	-0.03	-0.03	-0.02	-0.03		ppb
Calcium	43-1	-0.23	1.42	-0.43	0.26	397.93	ppb
Calcium	44-1	3.80	4.05	3.93	3.93	3.27	ppb
Chromium	52-2	-0.01	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.04		ppb
Copper	63-2	0.07	0.10	0.13	0.10	27.42	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				101		%
Holmium	165-1				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	1.51	1.43	1.70	1.55	9.01	ppb
Iron	57-2	1.48	1.48	0.74	1.23	34.56	ppb
Lead	206-1	0.02	0.03	0.04	0.03	37.11	ppb
Lead	207-1	0.04	0.03	0.03	0.03	14.50	ppb
Lead	208-1	0.03	0.04	0.03	0.03	18.09	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.16	1.12	1.32	1.20	8.87	ppb
Manganese	55-2	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:12:57	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.17	0.27	0.19	36.13	ppb
Molybdenum	95-1	0.43	0.63	0.86	0.64	33.99	ppb
Molybdenum	96-1	0.37	0.49	0.65	0.50	28.43	ppb
Molybdenum	97-1	0.41	0.62	0.92	0.65	39.84	ppb
Molybdenum	98-1	0.40	0.58	0.82	0.60	35.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.04	-0.04		ppb
Phosphorus	31-2	0.42	0.43	8.75	3.20	150.16	ppb
Potassium	39-2	17.57	14.29	12.30	14.72	18.06	ppb
Rhodium	103-2				104		%
Rhodium	103-1				104		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	0.09	-0.18	0.36	0.09	301.05	ppb
Selenium	78-2	0.87	0.67	0.38	0.64	38.18	ppb
Selenium	82-1	-0.12	-0.13	-0.39	-0.21		ppb
Silicon	28-1	-6.03	-5.60	-4.83	-5.49		ppb
Silver	109-1	0.03	0.03	0.03	0.03	3.91	ppb
Silver	107-1	0.03	0.03	0.03	0.03	0.69	ppb
Sodium	23-2	25.47	21.85	22.64	23.32	8.16	ppb
Strontium	86-1	0.09	0.04	0.00	0.05	96.50	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	164.66	ppb
Sulfur	34-1	-1514.63	-1454.80	-1262.30	-1410.58		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	17.45	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.29	ppb
Tin	118-1	0.08	0.14	0.16	0.13	32.30	ppb
Titanium	47-1	0.06	0.00	0.08	0.05	82.32	ppb
Uranium	238-1	-0.05	-0.05	-0.05	-0.05		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-2				100		%
Yttrium	89-1				105		%
Zinc	66-2	0.10	0.05	0.04	0.06	45.68	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	39.60	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:12:57	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.04	0.03	24.60	ppb

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 17:16:26 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	0.05	0.64	0.44	77.57	ppb
Antimony	121-1	0.31	0.41	0.51	0.41	23.88	ppb
Arsenic	75-2	0.06	0.13	0.13	0.11	36.01	ppb
Barium	135-1	-0.05	-0.04	-0.05	-0.04		ppb
Barium	137-1	-0.05	-0.06	-0.06	-0.05		ppb
Beryllium	9-1	-0.05	-0.05	-0.04	-0.05		ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	4.17	4.96	4.11	4.41	10.78	ppb
Boron	11-1	4.44	4.42	4.36	4.41	0.93	ppb
Cadmium	106-1	-0.35	-0.88	-0.86	-0.70		ppb
Cadmium	108-1	-0.03	-0.03	-0.04	-0.03		ppb
Cadmium	111-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	-0.34	-0.15	-2.56	-1.02		ppb
Calcium	44-1	2.60	2.17	0.82	1.86	49.80	ppb
Chromium	52-2	-0.01	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	-0.03	-0.03	-0.04	-0.03		ppb
Copper	63-2	0.02	0.01	0.04	0.02	68.37	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				102		%
Holmium	165-1				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	0.80	0.84	0.82	0.82	2.76	ppb
Iron	57-2	0.56	0.26	0.47	0.43	35.58	ppb
Lead	206-1	0.01	0.00	0.00	0.01	58.60	ppb
Lead	207-1	0.02	0.01	0.02	0.02	49.03	ppb
Lead	208-1	0.00	0.01	0.01	0.01	47.72	ppb
Lithium	6-1				92		%
Magnesium	24-2	0.64	0.38	0.77	0.60	32.89	ppb
Manganese	55-2	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:16:26	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.08	0.12	0.08	46.18	ppb
Molybdenum	95-1	0.15	0.27	0.39	0.27	45.46	ppb
Molybdenum	96-1	0.11	0.20	0.27	0.20	40.99	ppb
Molybdenum	97-1	0.16	0.31	0.39	0.29	39.85	ppb
Molybdenum	98-1	0.16	0.25	0.35	0.25	37.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.04	-0.05		ppb
Phosphorus	31-2	-4.36	-7.96	-11.34	-7.89		ppb
Potassium	39-2	7.23	10.87	9.26	9.12	20.00	ppb
Rhodium	103-2				104		%
Rhodium	103-1				104		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	-0.18	0.09	0.09	0.00		ppb
Selenium	78-2	0.25	0.26	0.50	0.34	42.73	ppb
Selenium	82-1	0.05	-0.41	-1.29	-0.55		ppb
Silicon	28-1	-6.74	-6.85	-7.13	-6.91		ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.06	ppb
Silver	107-1	0.03	0.02	0.02	0.02	21.74	ppb
Sodium	23-2	16.63	17.87	17.28	17.26	3.60	ppb
Strontium	86-1	0.08	0.04	0.12	0.08	48.18	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1497.03	-1556.07	-1473.45	-1508.85		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
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	0.03	0.06	0.06	0.05	36.53	ppb
Titanium	47-1	0.03	0.00	0.05	0.03	92.88	ppb
Uranium	238-1	-0.06	-0.05	-0.06	-0.06		ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-2				101		%
Yttrium	89-1				105		%
Zinc	66-2	0.06	0.00	0.01	0.03	131.15	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	67.79	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:16:26	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	11.32	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:19:55	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.19	37.36	36.45	36.67	1.68	ppb
Antimony	121-1	4.11	4.02	4.11	4.08	1.20	ppb
Arsenic	75-2	2.05	2.06	1.98	2.03	2.12	ppb
Barium	135-1	18.18	17.77	17.73	17.89	1.41	ppb
Barium	137-1	17.84	18.05	17.94	17.94	0.59	ppb
Beryllium	9-1	1.97	1.90	1.95	1.94	1.89	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	49.16	48.86	47.33	48.45	2.02	ppb
Boron	11-1	47.31	47.17	47.16	47.21	0.18	ppb
Cadmium	106-1	1.60	0.78	0.86	1.08	41.68	ppb
Cadmium	108-1	2.16	1.80	1.98	1.98	9.06	ppb
Cadmium	111-1	1.98	1.85	1.86	1.90	3.90	ppb
Calcium	43-1	915.58	855.22	852.09	874.30	4.09	ppb
Calcium	44-1	883.24	868.19	861.03	870.82	1.30	ppb
Chromium	52-2	3.70	3.83	3.86	3.80	2.17	ppb
Cobalt	59-2	1.86	1.92	1.94	1.91	2.09	ppb
Copper	63-2	4.14	4.18	4.13	4.15	0.59	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				101		%
Holmium	165-1				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	366.88	366.61	369.81	367.76	0.48	ppb
Iron	57-2	368.69	375.88	380.07	374.88	1.54	ppb
Lead	206-1	2.20	2.09	2.06	2.12	3.26	ppb
Lead	207-1	2.10	2.05	2.14	2.10	2.19	ppb
Lead	208-1	2.13	2.10	2.10	2.11	0.80	ppb
Lithium	6-1				90		%
Magnesium	24-2	928.04	936.23	930.64	931.63	0.45	ppb
Manganese	55-2	2.01	1.98	1.96	1.99	1.25	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:19:55	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.89	3.85	3.90	3.88	0.69	ppb
Molybdenum	95-1	9.18	8.72	8.85	8.92	2.65	ppb
Molybdenum	96-1	7.77	7.62	7.46	7.62	2.01	ppb
Molybdenum	97-1	9.00	8.84	8.75	8.86	1.46	ppb
Molybdenum	98-1	9.07	8.94	8.75	8.92	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.95	1.95	2.04	1.98	2.79	ppb
Phosphorus	31-2	3.15	-0.50	0.59	1.08	173.59	ppb
Potassium	39-2	888.03	891.50	894.96	891.49	0.39	ppb
Rhodium	103-2				103		%
Rhodium	103-1				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	10.65	6.83	10.95	9.48	24.25	ppb
Selenium	78-2	10.81	9.44	8.90	9.72	10.16	ppb
Selenium	82-1	9.39	7.78	9.92	9.03	12.36	ppb
Silicon	28-1	17.30	13.83	14.39	15.17	12.27	ppb
Silver	109-1	2.02	2.04	1.99	2.01	1.29	ppb
Silver	107-1	2.03	1.98	2.00	2.00	1.09	ppb
Sodium	23-2	947.29	942.53	945.68	945.17	0.26	ppb
Strontium	86-1	1.73	1.71	1.88	1.77	5.20	ppb
Strontium	88-1	1.67	1.65	1.61	1.64	1.93	ppb
Sulfur	34-1	-1130.55	-1463.27	-1409.09	-1334.31		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	1.73	1.72	1.77	1.74	1.41	ppb
Thallium	205-1	1.82	1.76	1.78	1.79	1.95	ppb
Tin	118-1	9.30	9.05	9.14	9.16	1.40	ppb
Titanium	47-1	8.80	8.85	8.59	8.75	1.57	ppb
Uranium	238-1	1.70	1.66	1.68	1.68	1.27	ppb
Vanadium	51-2	8.99	8.96	9.02	8.99	0.34	ppb
Yttrium	89-2				100		%
Yttrium	89-1				103		%
Zinc	66-2	3.96	3.65	3.80	3.80	4.16	ppb
Zirconium	90-1	1.77	1.74	1.71	1.74	1.87	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:19:55	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.79	1.73	1.77	1.76	1.92	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P7
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:23:24	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.28	4.12	5.57	4.99	15.40	ppb
Antimony	121-1	0.29	0.31	0.33	0.31	5.68	ppb
Arsenic	75-2	0.29	0.28	0.29	0.29	2.41	ppb
Barium	135-1	1.19	1.23	1.22	1.21	2.10	ppb
Barium	137-1	1.16	1.19	1.16	1.17	1.23	ppb
Beryllium	9-1	0.21	0.18	0.25	0.21	17.02	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	3.87	4.09	3.61	3.86	6.24	ppb
Boron	11-1	3.94	4.07	3.53	3.84	7.35	ppb
Cadmium	106-1	-0.59	-0.71	-0.63	-0.64		ppb
Cadmium	108-1	0.09	0.34	0.20	0.21	59.77	ppb
Cadmium	111-1	0.27	0.24	0.24	0.25	8.06	ppb
Calcium	43-1	22.77	23.58	28.11	24.82	11.59	ppb
Calcium	44-1	28.81	30.61	27.80	29.07	4.90	ppb
Chromium	52-2	0.26	0.22	0.22	0.24	9.27	ppb
Cobalt	59-2	0.23	0.23	0.22	0.22	1.78	ppb
Copper	63-2	0.66	0.65	0.64	0.65	1.46	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	13.28	13.26	13.11	13.22	0.70	ppb
Iron	57-2	12.02	11.76	13.18	12.32	6.13	ppb
Lead	206-1	0.26	0.26	0.24	0.25	4.20	ppb
Lead	207-1	0.27	0.26	0.23	0.25	7.07	ppb
Lead	208-1	0.26	0.25	0.24	0.25	3.45	ppb
Lithium	6-1				89		%
Magnesium	24-2	25.73	28.60	27.20	27.18	5.28	ppb
Manganese	55-2	0.50	0.50	0.52	0.51	3.18	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P7
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:23:24	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.26	0.27	0.25	6.77	ppb
Molybdenum	95-1	0.29	0.37	0.40	0.36	15.66	ppb
Molybdenum	96-1	0.29	0.34	0.32	0.32	7.81	ppb
Molybdenum	97-1	0.32	0.36	0.44	0.38	16.68	ppb
Molybdenum	98-1	0.32	0.36	0.42	0.36	14.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.23	0.21	0.22	5.28	ppb
Phosphorus	31-2	0.82	-0.21	2.76	1.13	134.21	ppb
Potassium	39-2	19.03	22.83	17.29	19.71	14.37	ppb
Rhodium	103-2				103		%
Rhodium	103-1				102		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	0.37	0.09	0.37	0.28	58.31	ppb
Selenium	78-2	0.03	0.28	0.84	0.38	107.29	ppb
Selenium	82-1	0.62	-0.46	-0.09	0.02	2296.13	ppb
Silicon	28-1	-4.67	-4.98	-5.14	-4.93		ppb
Silver	109-1	0.27	0.29	0.29	0.29	3.39	ppb
Silver	107-1	0.28	0.27	0.31	0.28	7.01	ppb
Sodium	23-2	38.87	37.70	38.13	38.23	1.55	ppb
Strontium	86-1	0.39	0.39	0.38	0.39	2.55	ppb
Strontium	88-1	0.25	0.25	0.24	0.25	1.98	ppb
Sulfur	34-1	-1153.99	-1207.09	-1403.31	-1254.80		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.21	0.21	0.21	0.94	ppb
Thallium	205-1	0.22	0.22	0.23	0.22	2.45	ppb
Tin	118-1	0.26	0.28	0.30	0.28	6.65	ppb
Titanium	47-1	0.30	0.27	0.21	0.26	17.27	ppb
Uranium	238-1	0.18	0.17	0.18	0.17	4.08	ppb
Vanadium	51-2	0.23	0.21	0.26	0.23	8.69	ppb
Yttrium	89-2				99		%
Yttrium	89-1				103		%
Zinc	66-2	0.47	0.37	0.51	0.45	15.82	ppb
Zirconium	90-1	0.23	0.20	0.22	0.22	8.75	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P7
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:23:24	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.24	0.23	0.23	6.18	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P7
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:27:03	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.41	5.16	4.82	5.13	5.74	ppb
Antimony	121-1	0.25	0.25	0.26	0.25	3.43	ppb
Arsenic	75-2	0.24	0.29	0.24	0.26	11.02	ppb
Barium	135-1	1.31	1.20	1.32	1.27	5.40	ppb
Barium	137-1	1.21	1.07	1.15	1.14	6.38	ppb
Beryllium	9-1	0.23	0.22	0.23	0.23	2.06	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	2.96	2.45	3.02	2.81	11.16	ppb
Boron	11-1	2.70	2.54	2.70	2.65	3.44	ppb
Cadmium	106-1	0.16	0.15	-1.14	-0.28		ppb
Cadmium	108-1	0.31	0.24	0.30	0.28	13.05	ppb
Cadmium	111-1	0.22	0.23	0.24	0.23	4.28	ppb
Calcium	43-1	20.46	24.18	20.35	21.66	10.07	ppb
Calcium	44-1	28.43	27.01	28.80	28.08	3.36	ppb
Chromium	52-2	0.25	0.27	0.22	0.25	9.02	ppb
Cobalt	59-2	0.21	0.20	0.23	0.21	8.23	ppb
Copper	63-2	0.56	0.56	0.58	0.57	1.67	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	13.01	13.16	13.12	13.10	0.62	ppb
Iron	57-2	13.37	13.23	13.05	13.22	1.21	ppb
Lead	206-1	0.21	0.21	0.21	0.21	1.18	ppb
Lead	207-1	0.20	0.21	0.22	0.21	4.45	ppb
Lead	208-1	0.21	0.22	0.22	0.22	2.26	ppb
Lithium	6-1				88		%
Magnesium	24-2	27.27	26.59	26.00	26.62	2.39	ppb
Manganese	55-2	0.50	0.51	0.59	0.54	8.83	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P7
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:27:03	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.23	0.26	0.23	11.01	ppb
Molybdenum	95-1	0.27	0.32	0.34	0.31	11.88	ppb
Molybdenum	96-1	0.21	0.29	0.29	0.26	18.25	ppb
Molybdenum	97-1	0.25	0.31	0.32	0.29	13.64	ppb
Molybdenum	98-1	0.25	0.30	0.34	0.29	15.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.23	0.24	0.23	0.81	ppb
Phosphorus	31-2	-3.64	7.46	10.14	4.65	157.04	ppb
Potassium	39-2	18.44	14.59	16.71	16.58	11.64	ppb
Rhodium	103-2				102		%
Rhodium	103-1				102		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	0.64	0.37	0.09	0.37	74.76	ppb
Selenium	78-2	1.24	0.72	0.14	0.70	78.21	ppb
Selenium	82-1	-0.03	0.02	0.01	0.00	1735.25	ppb
Silicon	28-1	-4.61	-5.12	-4.26	-4.66		ppb
Silver	109-1	0.28	0.27	0.28	0.28	1.73	ppb
Silver	107-1	0.28	0.27	0.27	0.27	3.08	ppb
Sodium	23-2	34.63	33.02	34.09	33.92	2.42	ppb
Strontium	86-1	0.41	0.41	0.29	0.37	18.41	ppb
Strontium	88-1	0.25	0.25	0.24	0.24	2.39	ppb
Sulfur	34-1	-1193.25	-1276.91	-1066.71	-1178.96		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.22	0.22	0.22	0.22	1.51	ppb
Thallium	205-1	0.21	0.21	0.21	0.21	1.11	ppb
Tin	118-1	0.24	0.26	0.26	0.25	2.65	ppb
Titanium	47-1	0.24	0.19	0.25	0.22	14.24	ppb
Uranium	238-1	0.17	0.17	0.18	0.17	2.63	ppb
Vanadium	51-2	0.23	0.23	0.22	0.23	3.04	ppb
Yttrium	89-2				98		%
Yttrium	89-1				103		%
Zinc	66-2	0.53	0.58	0.41	0.51	17.72	ppb
Zirconium	90-1	0.22	0.22	0.21	0.21	3.61	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P7
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:27:03	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.18	0.17	0.18	9.33	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P7
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:30:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.12	5.88	4.30	5.10	15.49	ppb
Antimony	121-1	0.20	0.23	0.23	0.22	8.63	ppb
Arsenic	75-2	0.28	0.21	0.29	0.26	16.06	ppb
Barium	135-1	1.17	1.18	1.19	1.18	0.99	ppb
Barium	137-1	1.10	1.16	1.12	1.13	2.58	ppb
Beryllium	9-1	0.21	0.19	0.19	0.20	5.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	2.29	2.36	1.74	2.13	15.88	ppb
Boron	11-1	2.34	2.33	2.26	2.31	1.89	ppb
Cadmium	106-1	-0.14	-1.59	-1.18	-0.97		ppb
Cadmium	108-1	0.10	0.32	0.24	0.22	49.81	ppb
Cadmium	111-1	0.17	0.25	0.24	0.22	18.39	ppb
Calcium	43-1	20.49	25.55	24.22	23.42	11.21	ppb
Calcium	44-1	27.95	27.59	27.30	27.61	1.17	ppb
Chromium	52-2	0.25	0.22	0.25	0.24	7.08	ppb
Cobalt	59-2	0.22	0.22	0.23	0.23	3.14	ppb
Copper	63-2	0.53	0.56	0.54	0.54	2.55	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	12.96	12.97	13.21	13.05	1.08	ppb
Iron	57-2	11.86	13.00	12.88	12.58	5.01	ppb
Lead	206-1	0.20	0.21	0.20	0.20	3.02	ppb
Lead	207-1	0.22	0.23	0.23	0.23	2.38	ppb
Lead	208-1	0.21	0.21	0.21	0.21	1.77	ppb
Lithium	6-1				88		%
Magnesium	24-2	26.44	26.43	26.49	26.45	0.13	ppb
Manganese	55-2	0.46	0.50	0.49	0.48	4.93	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P7
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:30:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.24	0.24	0.24	0.69	ppb
Molybdenum	95-1	0.25	0.26	0.30	0.27	9.52	ppb
Molybdenum	96-1	0.20	0.25	0.28	0.24	15.62	ppb
Molybdenum	97-1	0.26	0.26	0.30	0.28	9.11	ppb
Molybdenum	98-1	0.21	0.27	0.29	0.26	16.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.24	0.21	0.22	7.43	ppb
Phosphorus	31-2	-5.25	-0.71	4.88	-0.36		ppb
Potassium	39-2	20.06	20.74	17.89	19.56	7.59	ppb
Rhodium	103-2				102		%
Rhodium	103-1				103		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	0.10	0.09	0.09	0.09	1.43	ppb
Selenium	78-2	0.77	0.33	1.14	0.75	54.31	ppb
Selenium	82-1	-1.04	-0.38	-0.10	-0.51		ppb
Silicon	28-1	-4.97	-5.59	-5.64	-5.40		ppb
Silver	109-1	0.28	0.26	0.25	0.26	6.04	ppb
Silver	107-1	0.28	0.25	0.26	0.26	6.81	ppb
Sodium	23-2	32.43	33.75	33.28	33.15	2.03	ppb
Strontium	86-1	0.37	0.39	0.37	0.38	2.14	ppb
Strontium	88-1	0.23	0.25	0.25	0.25	4.14	ppb
Sulfur	34-1	-1112.78	-1154.91	-1176.47	-1148.05		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.23	0.21	0.23	0.22	4.24	ppb
Thallium	205-1	0.21	0.22	0.21	0.22	1.38	ppb
Tin	118-1	0.25	0.22	0.26	0.24	6.97	ppb
Titanium	47-1	0.25	0.32	0.24	0.27	15.67	ppb
Uranium	238-1	0.19	0.17	0.17	0.18	6.83	ppb
Vanadium	51-2	0.23	0.26	0.22	0.24	9.29	ppb
Yttrium	89-2				98		%
Yttrium	89-1				103		%
Zinc	66-2	0.51	0.53	0.53	0.52	2.17	ppb
Zirconium	90-1	0.22	0.19	0.19	0.20	6.49	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P7
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:30:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.23	0.22	0.23	4.97	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P7
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:34:01	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.17	5.03	5.67	5.29	6.33	ppb
Antimony	121-1	0.21	0.20	0.21	0.20	3.34	ppb
Arsenic	75-2	0.24	0.20	0.28	0.24	17.29	ppb
Barium	135-1	1.20	1.24	1.14	1.20	4.48	ppb
Barium	137-1	1.17	1.16	1.13	1.16	1.81	ppb
Beryllium	9-1	0.18	0.19	0.20	0.19	3.52	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	2.07	1.96	1.85	1.96	5.51	ppb
Boron	11-1	2.16	2.36	2.03	2.19	7.65	ppb
Cadmium	106-1	-1.04	-0.95	-1.40	-1.13		ppb
Cadmium	108-1	0.21	0.28	0.29	0.26	16.31	ppb
Cadmium	111-1	0.21	0.25	0.25	0.24	8.68	ppb
Calcium	43-1	25.87	26.55	22.33	24.92	9.09	ppb
Calcium	44-1	25.93	26.31	26.98	26.41	2.00	ppb
Chromium	52-2	0.24	0.23	0.25	0.24	3.60	ppb
Cobalt	59-2	0.22	0.22	0.22	0.22	1.97	ppb
Copper	63-2	0.51	0.53	0.56	0.53	4.14	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				101		%
Holmium	165-1				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	13.26	12.79	13.16	13.07	1.92	ppb
Iron	57-2	12.35	13.95	12.82	13.04	6.32	ppb
Lead	206-1	0.21	0.20	0.21	0.21	1.68	ppb
Lead	207-1	0.20	0.20	0.20	0.20	1.50	ppb
Lead	208-1	0.21	0.21	0.20	0.21	2.35	ppb
Lithium	6-1				88		%
Magnesium	24-2	24.00	25.85	26.44	25.43	5.02	ppb
Manganese	55-2	0.54	0.48	0.50	0.51	6.52	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P7
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:34:01	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.23	0.22	0.22	1.45	ppb
Molybdenum	95-1	0.22	0.25	0.25	0.24	6.07	ppb
Molybdenum	96-1	0.20	0.21	0.24	0.22	9.80	ppb
Molybdenum	97-1	0.20	0.23	0.30	0.24	19.45	ppb
Molybdenum	98-1	0.23	0.25	0.24	0.24	4.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.19	0.21	0.21	10.46	ppb
Phosphorus	31-2	4.82	4.62	16.78	8.74	79.69	ppb
Potassium	39-2	15.34	12.83	16.41	14.86	12.38	ppb
Rhodium	103-2				102		%
Rhodium	103-1				102		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	0.09	0.09	0.09	0.09	0.85	ppb
Selenium	78-2	-0.13	0.50	0.58	0.32	123.34	ppb
Selenium	82-1	-0.87	-0.79	0.29	-0.46		ppb
Silicon	28-1	-5.34	-5.76	-6.13	-5.75		ppb
Silver	109-1	0.25	0.27	0.28	0.27	4.57	ppb
Silver	107-1	0.26	0.26	0.26	0.26	1.08	ppb
Sodium	23-2	29.76	32.65	32.12	31.51	4.89	ppb
Strontium	86-1	0.38	0.35	0.31	0.35	9.78	ppb
Strontium	88-1	0.24	0.25	0.25	0.25	1.57	ppb
Sulfur	34-1	-1010.20	-1100.00	-1126.20	-1078.80		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.22	0.19	0.21	0.20	6.35	ppb
Thallium	205-1	0.23	0.21	0.21	0.22	5.18	ppb
Tin	118-1	0.25	0.24	0.24	0.24	2.47	ppb
Titanium	47-1	0.19	0.22	0.31	0.24	26.26	ppb
Uranium	238-1	0.17	0.18	0.17	0.18	4.56	ppb
Vanadium	51-2	0.21	0.22	0.24	0.23	4.71	ppb
Yttrium	89-2				99		%
Yttrium	89-1				104		%
Zinc	66-2	0.53	0.33	0.61	0.49	28.92	ppb
Zirconium	90-1	0.20	0.20	0.19	0.20	3.41	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P7
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:34:01	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.21	0.21	0.22	8.51	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P7
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:37:31	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.59	5.12	4.45	4.72	7.46	ppb
Antimony	121-1	0.19	0.21	0.20	0.20	4.57	ppb
Arsenic	75-2	0.31	0.23	0.27	0.27	14.56	ppb
Barium	135-1	1.31	1.20	1.09	1.20	9.09	ppb
Barium	137-1	1.28	1.13	1.15	1.18	6.81	ppb
Beryllium	9-1	0.19	0.19	0.20	0.19	3.81	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	1.33	1.55	2.10	1.66	23.79	ppb
Boron	11-1	1.60	1.72	1.79	1.70	5.64	ppb
Cadmium	106-1	-1.22	-0.69	0.41	-0.50		ppb
Cadmium	108-1	0.26	0.19	0.16	0.20	27.00	ppb
Cadmium	111-1	0.24	0.25	0.23	0.24	3.43	ppb
Calcium	43-1	22.62	23.74	24.21	23.53	3.48	ppb
Calcium	44-1	25.12	26.02	25.91	25.68	1.90	ppb
Chromium	52-2	0.26	0.25	0.25	0.25	1.92	ppb
Cobalt	59-2	0.22	0.22	0.22	0.22	2.00	ppb
Copper	63-2	0.55	0.50	0.51	0.52	4.63	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	13.16	12.97	12.73	12.95	1.68	ppb
Iron	57-2	11.58	13.21	13.85	12.88	9.11	ppb
Lead	206-1	0.22	0.19	0.20	0.20	8.33	ppb
Lead	207-1	0.20	0.25	0.21	0.22	10.06	ppb
Lead	208-1	0.21	0.21	0.21	0.21	1.47	ppb
Lithium	6-1				94		%
Magnesium	24-2	26.89	24.86	25.79	25.85	3.94	ppb
Manganese	55-2	0.49	0.50	0.52	0.50	3.47	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P7
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:37:31	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.22	0.20	0.21	3.30	ppb
Molybdenum	95-1	0.24	0.23	0.24	0.24	3.26	ppb
Molybdenum	96-1	0.18	0.20	0.23	0.20	13.52	ppb
Molybdenum	97-1	0.21	0.28	0.26	0.25	13.70	ppb
Molybdenum	98-1	0.19	0.21	0.21	0.20	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.22	0.22	0.22	4.37	ppb
Phosphorus	31-2	-2.07	4.26	8.42	3.54	149.22	ppb
Potassium	39-2	13.79	21.14	13.39	16.11	27.09	ppb
Rhodium	103-2				101		%
Rhodium	103-1				102		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	0.10	-0.18	0.37	0.09	290.66	ppb
Selenium	78-2	0.66	0.49	0.77	0.64	22.53	ppb
Selenium	82-1	-0.86	-1.25	0.59	-0.51		ppb
Silicon	28-1	-5.03	-4.41	-5.42	-4.95		ppb
Silver	109-1	0.27	0.25	0.27	0.26	4.14	ppb
Silver	107-1	0.28	0.27	0.29	0.28	3.52	ppb
Sodium	23-2	29.23	32.34	30.41	30.66	5.12	ppb
Strontium	86-1	0.39	0.36	0.38	0.37	3.52	ppb
Strontium	88-1	0.24	0.24	0.25	0.24	1.20	ppb
Sulfur	34-1	-991.48	-870.61	-855.19	-905.76		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.20	0.20	0.21	0.21	2.80	ppb
Thallium	205-1	0.21	0.21	0.22	0.21	2.26	ppb
Tin	118-1	0.23	0.26	0.26	0.25	7.20	ppb
Titanium	47-1	0.20	0.18	0.28	0.22	23.19	ppb
Uranium	238-1	0.18	0.16	0.17	0.17	4.96	ppb
Vanadium	51-2	0.23	0.25	0.25	0.24	5.89	ppb
Yttrium	89-2				98		%
Yttrium	89-1				102		%
Zinc	66-2	0.56	0.57	0.55	0.56	1.97	ppb
Zirconium	90-1	0.20	0.22	0.19	0.20	7.66	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P7
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:37:31	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.22	0.20	0.21	6.48	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P7
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:41:00	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.79	4.49	6.33	5.20	18.98	ppb
Antimony	121-1	0.21	0.19	0.19	0.20	5.36	ppb
Arsenic	75-2	0.25	0.24	0.25	0.25	2.91	ppb
Barium	135-1	1.15	1.09	1.20	1.15	4.91	ppb
Barium	137-1	1.13	1.13	1.13	1.13	0.11	ppb
Beryllium	9-1	0.21	0.26	0.23	0.23	9.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	1.57	1.33	1.46	1.45	8.28	ppb
Boron	11-1	1.54	1.61	1.78	1.64	7.41	ppb
Cadmium	106-1	-0.30	-1.14	-1.42	-0.96		ppb
Cadmium	108-1	0.30	0.17	0.37	0.28	35.84	ppb
Cadmium	111-1	0.24	0.23	0.24	0.24	2.61	ppb
Calcium	43-1	27.62	24.01	26.11	25.92	7.01	ppb
Calcium	44-1	27.70	26.49	26.93	27.04	2.26	ppb
Chromium	52-2	0.23	0.24	0.23	0.23	2.18	ppb
Cobalt	59-2	0.21	0.22	0.21	0.22	2.99	ppb
Copper	63-2	0.50	0.52	0.46	0.49	6.45	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	13.05	13.01	13.15	13.07	0.54	ppb
Iron	57-2	13.22	13.86	13.78	13.62	2.58	ppb
Lead	206-1	0.22	0.22	0.21	0.21	2.21	ppb
Lead	207-1	0.20	0.19	0.20	0.20	2.84	ppb
Lead	208-1	0.21	0.20	0.21	0.20	2.09	ppb
Lithium	6-1				86		%
Magnesium	24-2	26.34	28.36	26.93	27.21	3.82	ppb
Manganese	55-2	0.49	0.52	0.54	0.51	4.99	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P7
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:41:00	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.22	0.18	0.20	9.70	ppb
Molybdenum	95-1	0.22	0.19	0.26	0.22	16.11	ppb
Molybdenum	96-1	0.19	0.20	0.20	0.19	3.10	ppb
Molybdenum	97-1	0.19	0.20	0.22	0.20	7.58	ppb
Molybdenum	98-1	0.18	0.19	0.24	0.21	15.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.27	0.23	0.23	16.89	ppb
Phosphorus	31-2	3.35	5.02	11.25	6.54	63.62	ppb
Potassium	39-2	12.93	12.92	14.98	13.61	8.73	ppb
Rhodium	103-2				102		%
Rhodium	103-1				102		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	0.09	0.37	-0.18	0.10	290.86	ppb
Selenium	78-2	0.79	-0.29	0.87	0.46	142.21	ppb
Selenium	82-1	-0.80	0.49	-1.01	-0.44		ppb
Silicon	28-1	-4.59	-5.33	-4.26	-4.73		ppb
Silver	109-1	0.25	0.28	0.27	0.27	6.87	ppb
Silver	107-1	0.26	0.25	0.25	0.25	2.61	ppb
Sodium	23-2	29.95	32.14	30.87	30.99	3.55	ppb
Strontium	86-1	0.36	0.33	0.33	0.34	3.86	ppb
Strontium	88-1	0.24	0.24	0.24	0.24	1.78	ppb
Sulfur	34-1	-1149.00	-1155.92	-999.25	-1101.39		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.24	0.22	0.22	9.54	ppb
Thallium	205-1	0.22	0.21	0.21	0.21	3.86	ppb
Tin	118-1	0.27	0.21	0.25	0.24	11.96	ppb
Titanium	47-1	0.27	0.24	0.26	0.26	5.34	ppb
Uranium	238-1	0.17	0.18	0.18	0.17	1.16	ppb
Vanadium	51-2	0.23	0.25	0.26	0.25	6.00	ppb
Yttrium	89-2				98		%
Yttrium	89-1				102		%
Zinc	66-2	0.65	0.59	0.55	0.60	8.70	ppb
Zirconium	90-1	0.23	0.20	0.20	0.21	8.63	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P7
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:41:00	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.21	0.20	0.21	3.57	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P7
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:44:30	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.28	5.37	4.29	4.98	11.99	ppb
Antimony	121-1	0.15	0.18	0.19	0.17	11.36	ppb
Arsenic	75-2	0.22	0.21	0.28	0.24	17.04	ppb
Barium	135-1	1.12	1.12	1.28	1.17	8.05	ppb
Barium	137-1	1.19	1.12	1.15	1.15	2.94	ppb
Beryllium	9-1	0.19	0.21	0.25	0.22	14.54	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	1.77	1.30	1.62	1.57	15.51	ppb
Boron	11-1	1.37	1.50	1.55	1.47	6.15	ppb
Cadmium	106-1	-0.40	-1.06	-0.81	-0.76		ppb
Cadmium	108-1	0.22	0.29	0.33	0.28	18.61	ppb
Cadmium	111-1	0.23	0.26	0.22	0.24	8.85	ppb
Calcium	43-1	21.69	23.23	21.74	22.22	3.93	ppb
Calcium	44-1	25.33	25.20	26.50	25.68	2.78	ppb
Chromium	52-2	0.24	0.25	0.23	0.24	3.49	ppb
Cobalt	59-2	0.23	0.21	0.22	0.22	3.99	ppb
Copper	63-2	0.49	0.48	0.46	0.48	3.13	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-2				98		%
Indium	115-1				102		%
Iron	56-2	12.95	12.70	13.11	12.92	1.60	ppb
Iron	57-2	11.62	11.68	12.81	12.04	5.57	ppb
Lead	206-1	0.19	0.19	0.22	0.20	8.67	ppb
Lead	207-1	0.18	0.22	0.18	0.19	10.60	ppb
Lead	208-1	0.19	0.20	0.20	0.19	4.26	ppb
Lithium	6-1				85		%
Magnesium	24-2	25.19	26.14	26.58	25.97	2.74	ppb
Manganese	55-2	0.44	0.44	0.48	0.45	4.40	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P7
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:44:30	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.19	0.20	0.20	4.12	ppb
Molybdenum	95-1	0.18	0.24	0.22	0.21	14.95	ppb
Molybdenum	96-1	0.18	0.18	0.22	0.20	13.06	ppb
Molybdenum	97-1	0.22	0.21	0.24	0.22	7.57	ppb
Molybdenum	98-1	0.19	0.18	0.20	0.19	5.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.22	0.22	0.21	4.68	ppb
Phosphorus	31-2	-6.44	6.50	-2.53	-0.82		ppb
Potassium	39-2	9.41	13.36	11.71	11.50	17.24	ppb
Rhodium	103-2				102		%
Rhodium	103-1				103		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	0.09	-0.18	-0.18	-0.09		ppb
Selenium	78-2	-0.08	0.36	0.15	0.14	151.83	ppb
Selenium	82-1	-0.39	-0.34	0.35	-0.12		ppb
Silicon	28-1	-5.81	-5.90	-6.40	-6.04		ppb
Silver	109-1	0.27	0.26	0.28	0.27	3.33	ppb
Silver	107-1	0.27	0.26	0.28	0.27	3.17	ppb
Sodium	23-2	25.26	26.29	25.97	25.84	2.04	ppb
Strontium	86-1	0.30	0.40	0.37	0.36	13.21	ppb
Strontium	88-1	0.22	0.25	0.25	0.24	7.07	ppb
Sulfur	34-1	-1140.39	-1228.09	-1262.48	-1210.32		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.22	0.20	0.22	0.21	4.96	ppb
Thallium	205-1	0.20	0.21	0.21	0.21	3.93	ppb
Tin	118-1	0.29	0.25	0.27	0.27	5.85	ppb
Titanium	47-1	0.25	0.27	0.29	0.27	8.40	ppb
Uranium	238-1	0.17	0.18	0.17	0.17	2.20	ppb
Vanadium	51-2	0.24	0.22	0.23	0.23	4.17	ppb
Yttrium	89-2				98		%
Yttrium	89-1				103		%
Zinc	66-2	0.47	0.43	0.35	0.41	14.08	ppb
Zirconium	90-1	0.21	0.22	0.20	0.21	4.49	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P7
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:44:30	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.19	0.19	0.20	6.86	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:47:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	0.17	-0.21	-0.06		ppb
Antimony	121-1	-0.01	-0.01	0.00	-0.01		ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	607.30	ppb
Barium	135-1	-0.06	-0.06	-0.05	-0.06		ppb
Barium	137-1	-0.07	-0.06	-0.07	-0.07		ppb
Beryllium	9-1	-0.05	-0.06	-0.05	-0.05		ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	1.61	1.79	1.29	1.56	16.20	ppb
Boron	11-1	1.50	1.37	1.34	1.40	6.10	ppb
Cadmium	106-1	-1.51	-1.24	-1.20	-1.32		ppb
Cadmium	108-1	0.05	0.00	-0.04	0.00	1527.33	ppb
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	-1.78	-1.83	-1.45	-1.69		ppb
Calcium	44-1	0.59	-0.71	-1.09	-0.41		ppb
Chromium	52-2	-0.01	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	-0.04	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.04	-0.06	-0.03	-0.04		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				101		%
Holmium	165-1				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	0.12	0.04	0.03	0.06	82.44	ppb
Iron	57-2	0.36	0.41	-0.10	0.22	125.25	ppb
Lead	206-1	-0.04	-0.05	-0.05	-0.04		ppb
Lead	207-1	-0.03	-0.05	-0.03	-0.04		ppb
Lead	208-1	-0.03	-0.05	-0.05	-0.04		ppb
Lithium	6-1				86		%
Magnesium	24-2	0.04	0.07	0.04	0.05	24.71	ppb
Manganese	55-2	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:47:59	DataFile Name :	027SMPL.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	-0.04	-0.03	-0.01	-0.03		ppb
Molybdenum	96-1	-0.06	-0.03	-0.02	-0.04		ppb
Molybdenum	97-1	-0.05	-0.02	-0.03	-0.03		ppb
Molybdenum	98-1	-0.06	-0.05	-0.01	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.05	-0.04		ppb
Phosphorus	31-2	-4.43	4.75	-11.75	-3.81		ppb
Potassium	39-2	5.19	1.14	1.28	2.54	90.70	ppb
Rhodium	103-2				103		%
Rhodium	103-1				102		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	0.41	0.01	0.06	0.16	133.56	ppb
Selenium	82-1	-0.56	-1.48	0.03	-0.67		ppb
Silicon	28-1	-7.12	-6.54	-6.62	-6.76		ppb
Silver	109-1	0.01	0.00	0.00	0.00	31.47	ppb
Silver	107-1	0.00	0.00	0.00	0.00	38.12	ppb
Sodium	23-2	1.48	1.77	2.53	1.93	28.16	ppb
Strontium	86-1	0.19	0.13	0.09	0.14	35.95	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-826.20	-823.95	-902.57	-850.91		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.02	-0.01	0.01	0.00		ppb
Titanium	47-1	-0.02	-0.01	-0.02	-0.02		ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Yttrium	89-2				99		%
Yttrium	89-1				104		%
Zinc	66-2	-0.12	-0.11	-0.15	-0.13		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	256.72	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:47:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	96.35	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:51:27	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.96	35.24	36.12	36.77	5.28	ppb
Antimony	121-1	3.72	3.66	3.68	3.69	0.87	ppb
Arsenic	75-2	1.90	2.01	1.92	1.94	2.86	ppb
Barium	135-1	17.97	17.52	17.95	17.81	1.42	ppb
Barium	137-1	18.20	17.73	17.73	17.89	1.52	ppb
Beryllium	9-1	1.89	1.84	1.77	1.83	3.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	18.74	19.28	19.23	19.08	1.56	ppb
Boron	11-1	18.66	19.44	19.78	19.30	2.99	ppb
Cadmium	106-1	-0.02	0.70	-0.39	0.10	556.72	ppb
Cadmium	108-1	0.82	0.96	0.89	0.89	7.73	ppb
Cadmium	111-1	0.82	0.77	0.80	0.80	2.81	ppb
Calcium	43-1	865.58	900.68	882.57	882.95	1.99	ppb
Calcium	44-1	891.16	896.34	893.82	893.78	0.29	ppb
Chromium	52-2	3.87	3.83	3.80	3.83	0.94	ppb
Cobalt	59-2	1.88	1.94	1.93	1.92	1.78	ppb
Copper	63-2	3.95	3.99	3.92	3.95	0.85	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				100		%
Holmium	165-1				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	378.33	381.03	380.28	379.88	0.37	ppb
Iron	57-2	375.37	382.96	374.78	377.71	1.21	ppb
Lead	206-1	1.73	1.71	1.76	1.73	1.23	ppb
Lead	207-1	1.68	1.74	1.75	1.73	2.12	ppb
Lead	208-1	1.74	1.74	1.75	1.74	0.43	ppb
Lithium	6-1				87		%
Magnesium	24-2	949.69	955.31	953.58	952.86	0.30	ppb
Manganese	55-2	1.98	1.99	1.83	1.93	4.61	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:51:27	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.75	3.82	3.69	3.75	1.71	ppb
Molybdenum	95-1	8.37	8.32	8.46	8.38	0.86	ppb
Molybdenum	96-1	7.38	7.19	7.15	7.24	1.67	ppb
Molybdenum	97-1	8.51	8.45	8.30	8.42	1.26	ppb
Molybdenum	98-1	8.49	8.38	8.29	8.39	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	2.09	2.09	2.05	3.26	ppb
Phosphorus	31-2	-1.20	4.51	-4.84	-0.51		ppb
Potassium	39-2	908.27	920.57	899.74	909.53	1.15	ppb
Rhodium	103-2				103		%
Rhodium	103-1				103		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	7.69	9.60	9.22	8.84	11.43	ppb
Selenium	78-2	9.58	7.36	7.74	8.23	14.40	ppb
Selenium	82-1	8.70	8.70	8.53	8.64	1.12	ppb
Silicon	28-1	3.01	3.58	3.27	3.29	8.79	ppb
Silver	109-1	1.95	1.95	1.91	1.93	1.14	ppb
Silver	107-1	1.97	1.90	1.94	1.94	1.63	ppb
Sodium	23-2	945.25	955.41	953.27	951.31	0.56	ppb
Strontium	86-1	1.72	1.62	1.70	1.68	3.16	ppb
Strontium	88-1	1.58	1.59	1.60	1.59	0.52	ppb
Sulfur	34-1	-1021.97	-848.16	-856.00	-908.71		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	1.78	1.78	1.77	1.77	0.05	ppb
Thallium	205-1	1.79	1.74	1.78	1.77	1.59	ppb
Tin	118-1	8.98	8.86	8.97	8.94	0.77	ppb
Titanium	47-1	8.95	8.50	8.96	8.80	3.03	ppb
Uranium	238-1	1.62	1.63	1.64	1.63	0.60	ppb
Vanadium	51-2	8.99	8.97	9.11	9.02	0.82	ppb
Yttrium	89-2				100		%
Yttrium	89-1				104		%
Zinc	66-2	3.93	4.05	4.16	4.05	2.89	ppb
Zirconium	90-1	1.68	1.68	1.65	1.67	1.21	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:51:27	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.63	1.76	1.71	1.70	3.65	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-01	Instrumnet Name :	P7
Client Sample ID :	MH0AT5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:56:47	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	1.70	2.15	1.77	20.06	ppb
Antimony	121-1	0.59	0.62	0.62	0.61	2.62	ppb
Arsenic	75-2	11.24	10.73	10.58	10.85	3.21	ppb
Barium	135-1	59.57	58.99	59.65	59.40	0.61	ppb
Barium	137-1	59.57	59.51	60.15	59.74	0.59	ppb
Beryllium	9-1	-0.06	-0.05	-0.07	-0.06		ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	321.92	318.30	312.03	317.42	1.58	ppb
Boron	11-1	319.11	315.00	316.44	316.85	0.66	ppb
Cadmium	106-1	-1.50	-1.00	-0.42	-0.97		ppb
Cadmium	108-1	0.12	0.16	0.15	0.14	13.07	ppb
Cadmium	111-1	0.02	0.01	0.01	0.01	44.27	ppb
Calcium	43-1	136898.01	136277.46	136013.49	136396.32	0.33	ppb
Calcium	44-1	136450.40	134964.34	134468.92	135294.55	0.76	ppb
Chromium	52-2	0.59	0.59	0.61	0.60	1.79	ppb
Cobalt	59-2	0.20	0.18	0.18	0.19	7.28	ppb
Copper	63-2	2.35	2.28	2.25	2.29	2.26	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				105		%
Holmium	165-1				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	18.91	18.46	18.55	18.64	1.29	ppb
Iron	57-2	34.96	34.62	36.99	35.52	3.62	ppb
Lead	206-1	0.12	0.13	0.11	0.12	8.15	ppb
Lead	207-1	0.13	0.12	0.12	0.12	4.74	ppb
Lead	208-1	0.13	0.12	0.11	0.12	6.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	66120.05	65860.66	66299.12	66093.28	0.33	ppb
Manganese	55-2	42.41	42.68	42.84	42.64	0.52	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-01	Instrumnet Name :	P7
Client Sample ID :	MH0AT5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:56:47	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.32	4.09	4.16	4.19	2.85	ppb
Molybdenum	95-1	13.35	13.35	13.18	13.29	0.71	ppb
Molybdenum	96-1	10.98	10.78	10.75	10.84	1.14	ppb
Molybdenum	97-1	13.51	13.38	13.13	13.34	1.42	ppb
Molybdenum	98-1	13.31	13.38	13.10	13.26	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.01	1.01	1.04	4.19	ppb
Phosphorus	31-2	461.88	518.88	468.92	483.23	6.43	ppb
Potassium	39-2	17360.83	17337.28	17213.49	17303.87	0.46	ppb
Rhodium	103-2				99		%
Rhodium	103-1				100		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	4.13	4.11	4.63	4.29	6.93	ppb
Selenium	78-2	4.66	3.05	3.00	3.57	26.43	ppb
Selenium	82-1	3.26	3.81	3.95	3.68	9.93	ppb
Silicon	28-1	11617.87	11537.80	11581.32	11579.00	0.35	ppb
Silver	109-1	0.41	0.45	0.51	0.46	10.41	ppb
Silver	107-1	0.38	0.47	0.49	0.45	12.52	ppb
Sodium	23-2	229352.22	228164.24	231834.23	229783.56	0.81	ppb
Strontium	86-1	1069.06	1069.01	1070.60	1069.55	0.08	ppb
Strontium	88-1	1067.48	1079.71	1074.96	1074.05	0.57	ppb
Sulfur	34-1	80781.76	81232.41	81676.51	81230.23	0.55	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00	134.46	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	41.71	ppb
Tin	118-1	0.04	0.03	0.04	0.04	15.85	ppb
Titanium	47-1	1.07	0.97	0.99	1.01	5.42	ppb
Uranium	238-1	15.09	15.05	14.94	15.03	0.52	ppb
Vanadium	51-2	4.99	4.88	5.03	4.96	1.62	ppb
Yttrium	89-2				101		%
Yttrium	89-1				106		%
Zinc	66-2	9.44	9.43	9.72	9.53	1.74	ppb
Zirconium	90-1	0.20	0.20	0.21	0.20	3.89	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-01	Instrumnet Name :	P7
Client Sample ID :	MH0AT5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:56:47	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.21	0.23	0.21	9.57	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02	Instrumnet Name :	P7
Client Sample ID :	MH0AT6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:00:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.51	2.97	4.44	3.64	20.52	ppb
Antimony	121-1	0.53	0.55	0.54	0.54	1.49	ppb
Arsenic	75-2	10.25	10.31	10.19	10.25	0.60	ppb
Barium	135-1	58.70	58.79	59.06	58.85	0.31	ppb
Barium	137-1	59.75	60.40	58.62	59.59	1.51	ppb
Beryllium	9-1	-0.06	-0.07	-0.07	-0.06		ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	282.70	285.04	291.21	286.32	1.54	ppb
Boron	11-1	282.64	284.15	289.59	285.46	1.28	ppb
Cadmium	106-1	-1.06	-1.52	-1.44	-1.34		ppb
Cadmium	108-1	0.10	0.16	0.11	0.12	27.59	ppb
Cadmium	111-1	0.02	0.03	0.02	0.03	22.55	ppb
Calcium	43-1	122644.69	121611.89	120170.87	121475.82	1.02	ppb
Calcium	44-1	121774.30	121351.54	119743.25	120956.36	0.89	ppb
Chromium	52-2	0.50	0.53	0.50	0.51	3.00	ppb
Cobalt	59-2	0.19	0.18	0.18	0.18	0.96	ppb
Copper	63-2	2.58	2.63	2.54	2.58	1.66	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				108		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	23.93	23.54	23.82	23.76	0.85	ppb
Iron	57-2	37.82	39.45	36.28	37.85	4.19	ppb
Lead	206-1	0.25	0.23	0.25	0.24	4.24	ppb
Lead	207-1	0.22	0.26	0.21	0.23	11.43	ppb
Lead	208-1	0.23	0.26	0.24	0.24	7.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	55881.58	56715.93	56665.49	56421.00	0.83	ppb
Manganese	55-2	32.07	32.48	32.01	32.19	0.80	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02	Instrumnet Name :	P7
Client Sample ID :	MH0AT6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:00:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.46	3.45	3.41	3.44	0.91	ppb
Molybdenum	95-1	11.47	11.12	10.91	11.17	2.50	ppb
Molybdenum	96-1	9.25	8.81	9.05	9.04	2.44	ppb
Molybdenum	97-1	11.18	10.95	11.09	11.07	1.07	ppb
Molybdenum	98-1	11.02	11.09	10.89	11.00	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.22	1.07	1.14	6.44	ppb
Phosphorus	31-2	799.22	831.20	842.81	824.41	2.74	ppb
Potassium	39-2	16694.21	16850.38	16699.27	16747.95	0.53	ppb
Rhodium	103-2				99		%
Rhodium	103-1				101		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	4.97	4.73	3.35	4.35	20.20	ppb
Selenium	78-2	3.22	2.62	2.77	2.87	10.91	ppb
Selenium	82-1	2.48	3.64	3.14	3.09	18.95	ppb
Silicon	28-1	10298.11	10235.32	10120.86	10218.10	0.88	ppb
Silver	109-1	0.38	0.39	0.39	0.39	0.88	ppb
Silver	107-1	0.38	0.39	0.39	0.39	1.95	ppb
Sodium	23-2	209225.53	210478.48	210091.27	209931.76	0.31	ppb
Strontium	86-1	889.00	890.44	902.21	893.89	0.81	ppb
Strontium	88-1	890.58	893.57	895.23	893.13	0.26	ppb
Sulfur	34-1	69785.08	69965.66	67746.71	69165.82	1.78	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	417.32	ppb
Tin	118-1	0.12	0.13	0.14	0.13	6.94	ppb
Titanium	47-1	1.26	1.29	1.09	1.21	8.73	ppb
Uranium	238-1	12.07	12.04	11.87	12.00	0.91	ppb
Vanadium	51-2	4.04	4.20	4.07	4.10	2.09	ppb
Yttrium	89-2				100		%
Yttrium	89-1				107		%
Zinc	66-2	24.59	24.78	24.74	24.70	0.41	ppb
Zirconium	90-1	0.12	0.13	0.14	0.13	5.30	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02	Instrumnet Name :	P7
Client Sample ID :	MH0AT6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:00:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.14	0.14	0.13	6.02	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-03	Instrumnet Name :	P7
Client Sample ID :	MH0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:03:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.11	4.32	4.23	4.55	10.69	ppb
Antimony	121-1	0.51	0.56	0.55	0.54	4.43	ppb
Arsenic	75-2	10.13	10.61	10.46	10.40	2.33	ppb
Barium	135-1	59.09	58.92	58.89	58.97	0.18	ppb
Barium	137-1	58.86	60.00	59.93	59.60	1.07	ppb
Beryllium	9-1	-0.06	-0.06	-0.06	-0.06		ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	280.67	287.64	287.85	285.39	1.43	ppb
Boron	11-1	284.85	287.50	292.17	288.18	1.29	ppb
Cadmium	106-1	-1.69	-1.11	-1.90	-1.57		ppb
Cadmium	108-1	0.13	0.06	0.19	0.13	50.09	ppb
Cadmium	111-1	0.03	0.04	0.04	0.04	14.54	ppb
Calcium	43-1	121204.13	122423.78	121734.58	121787.50	0.50	ppb
Calcium	44-1	120830.10	120434.28	120081.22	120448.53	0.31	ppb
Chromium	52-2	0.56	0.52	0.52	0.53	4.10	ppb
Cobalt	59-2	0.20	0.18	0.18	0.19	4.55	ppb
Copper	63-2	2.68	2.63	2.68	2.66	1.03	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	23.64	23.61	23.72	23.66	0.24	ppb
Iron	57-2	39.92	38.56	40.31	39.60	2.32	ppb
Lead	206-1	0.24	0.27	0.25	0.25	6.04	ppb
Lead	207-1	0.25	0.23	0.24	0.24	4.96	ppb
Lead	208-1	0.25	0.24	0.24	0.24	1.77	ppb
Lithium	6-1				100		%
Magnesium	24-2	56400.16	55768.89	57168.38	56445.81	1.24	ppb
Manganese	55-2	32.17	31.77	32.13	32.02	0.68	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-03	Instrumnet Name :	P7
Client Sample ID :	MH0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:03:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.41	3.38	3.43	3.41	0.85	ppb
Molybdenum	95-1	11.05	11.17	11.03	11.08	0.66	ppb
Molybdenum	96-1	9.39	8.92	9.20	9.17	2.56	ppb
Molybdenum	97-1	11.34	11.03	11.26	11.21	1.41	ppb
Molybdenum	98-1	11.06	11.04	11.14	11.08	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.10	1.04	1.04	5.48	ppb
Phosphorus	31-2	802.40	788.10	853.21	814.57	4.20	ppb
Potassium	39-2	16671.01	16553.22	16682.20	16635.47	0.43	ppb
Rhodium	103-2				98		%
Rhodium	103-1				99		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	5.78	5.27	3.35	4.80	26.65	ppb
Selenium	78-2	2.98	2.79	3.14	2.97	5.87	ppb
Selenium	82-1	2.90	2.96	3.44	3.10	9.60	ppb
Silicon	28-1	10252.60	10235.22	10138.96	10208.93	0.60	ppb
Silver	109-1	0.34	0.35	0.33	0.34	2.73	ppb
Silver	107-1	0.32	0.35	0.33	0.33	4.61	ppb
Sodium	23-2	210758.32	208608.14	209483.42	209616.63	0.52	ppb
Strontium	86-1	889.86	888.94	903.01	893.94	0.88	ppb
Strontium	88-1	899.73	883.29	903.40	895.48	1.20	ppb
Sulfur	34-1	69309.83	68363.37	68514.24	68729.15	0.74	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.15	0.14	0.16	0.15	7.38	ppb
Titanium	47-1	1.11	1.16	1.24	1.17	5.69	ppb
Uranium	238-1	11.92	11.94	11.92	11.93	0.12	ppb
Vanadium	51-2	4.14	4.21	4.28	4.21	1.67	ppb
Yttrium	89-2				100		%
Yttrium	89-1				105		%
Zinc	66-2	24.79	24.82	25.31	24.98	1.16	ppb
Zirconium	90-1	0.11	0.10	0.10	0.10	4.23	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-03	Instrumnet Name :	P7
Client Sample ID :	MH0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:03:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.11	0.13	0.12	6.14	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2017-04-13 18:07:18	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.61	1.28	1.18	1.36	16.37	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	22.82	ppb
Arsenic	75-2	2.08	1.96	2.03	2.02	2.85	ppb
Barium	135-1	11.85	11.59	11.45	11.63	1.74	ppb
Barium	137-1	11.88	11.93	11.57	11.79	1.62	ppb
Beryllium	9-1	-0.06	-0.06	-0.06	-0.06		ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	72.02	72.19	73.43	72.55	1.07	ppb
Boron	11-1	70.52	71.74	70.46	70.91	1.02	ppb
Cadmium	106-1	-1.04	-0.37	-0.61	-0.68		ppb
Cadmium	108-1	0.00	0.00	-0.04	-0.01		ppb
Cadmium	111-1	-0.01	-0.03	-0.02	-0.02		ppb
Calcium	43-1	23695.30	24279.84	23762.12	23912.42	1.34	ppb
Calcium	44-1	24159.10	24207.62	24074.42	24147.05	0.28	ppb
Chromium	52-2	0.10	0.13	0.09	0.11	20.97	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	43.91	ppb
Copper	63-2	0.76	0.77	0.73	0.75	3.00	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				101		%
Holmium	165-1				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	5.14	5.07	5.03	5.08	1.02	ppb
Iron	57-2	8.49	8.37	7.66	8.17	5.52	ppb
Lead	206-1	0.00	-0.01	-0.01	0.00		ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				90		%
Magnesium	24-2	11319.77	11198.08	11300.11	11272.65	0.58	ppb
Manganese	55-2	6.50	6.39	6.47	6.46	0.88	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2017-04-13 18:07:18	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.61	0.68	0.66	0.65	5.67	ppb
Molybdenum	95-1	2.28	2.16	2.32	2.25	3.57	ppb
Molybdenum	96-1	1.80	1.75	1.83	1.79	2.28	ppb
Molybdenum	97-1	2.21	2.22	2.30	2.24	2.25	ppb
Molybdenum	98-1	2.21	2.17	2.16	2.18	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.18	0.15	0.19	24.04	ppb
Phosphorus	31-2	149.37	175.70	178.96	168.01	9.66	ppb
Potassium	39-2	3302.27	3298.24	3302.96	3301.16	0.08	ppb
Rhodium	103-2				100		%
Rhodium	103-1				100		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	0.37	1.20	0.10	0.55	103.58	ppb
Selenium	78-2	1.10	0.38	0.73	0.74	48.86	ppb
Selenium	82-1	-0.05	-0.34	0.69	0.10	551.30	ppb
Silicon	28-1	1988.11	2038.84	2013.01	2013.32	1.26	ppb
Silver	109-1	0.13	0.12	0.14	0.13	6.23	ppb
Silver	107-1	0.13	0.15	0.13	0.14	7.89	ppb
Sodium	23-2	42371.30	42754.67	42553.19	42559.72	0.45	ppb
Strontium	86-1	172.43	170.56	172.61	171.86	0.66	ppb
Strontium	88-1	177.13	177.49	176.50	177.04	0.28	ppb
Sulfur	34-1	17851.99	18630.77	18054.54	18179.10	2.22	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.01	0.02	0.01	0.01	44.99	ppb
Titanium	47-1	0.30	0.25	0.25	0.27	10.78	ppb
Uranium	238-1	2.25	2.26	2.21	2.24	1.29	ppb
Vanadium	51-2	0.83	0.80	0.89	0.84	5.05	ppb
Yttrium	89-2				98		%
Yttrium	89-1				105		%
Zinc	66-2	5.21	5.11	5.27	5.20	1.53	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	18.92	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2017-04-13 18:07:18	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.02	15.66	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-04	Instrumnet Name :	P7
Client Sample ID :	MH0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:10:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2043.90	2040.34	2055.02	2046.42	0.37	ppb
Antimony	121-1	110.55	111.02	111.68	111.09	0.51	ppb
Arsenic	75-2	54.18	53.27	53.21	53.55	1.02	ppb
Barium	135-1	2172.60	2179.81	2171.43	2174.61	0.21	ppb
Barium	137-1	2165.87	2171.52	2196.25	2177.88	0.74	ppb
Beryllium	9-1	50.82	50.79	50.77	50.79	0.05	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	285.53	285.55	296.09	289.06	2.11	ppb
Boron	11-1	290.52	287.62	291.27	289.81	0.67	ppb
Cadmium	106-1	41.62	39.73	41.61	40.99	2.65	ppb
Cadmium	108-1	45.89	46.66	46.45	46.33	0.85	ppb
Cadmium	111-1	51.86	51.92	52.59	52.13	0.78	ppb
Calcium	43-1	117251.37	120598.60	121907.38	119919.12	2.00	ppb
Calcium	44-1	117209.07	118672.01	120834.01	118905.03	1.53	ppb
Chromium	52-2	210.16	212.79	212.35	211.77	0.66	ppb
Cobalt	59-2	532.28	538.96	534.65	535.30	0.63	ppb
Copper	63-2	269.90	273.24	272.11	271.75	0.63	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				106		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	1078.88	1089.43	1080.72	1083.01	0.52	ppb
Iron	57-2	1108.34	1100.83	1086.41	1098.53	1.01	ppb
Lead	206-1	21.20	21.12	21.13	21.15	0.22	ppb
Lead	207-1	20.82	20.63	20.57	20.67	0.63	ppb
Lead	208-1	21.18	20.91	20.99	21.03	0.66	ppb
Lithium	6-1				95		%
Magnesium	24-2	55090.21	55555.46	55168.76	55271.47	0.45	ppb
Manganese	55-2	553.39	559.13	558.29	556.93	0.56	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-04	Instrumnet Name :	P7
Client Sample ID :	MH0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:10:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.37	3.23	3.39	3.33	2.63	ppb
Molybdenum	95-1	11.00	10.90	10.98	10.96	0.49	ppb
Molybdenum	96-1	9.06	8.84	8.98	8.96	1.23	ppb
Molybdenum	97-1	11.01	10.91	11.05	10.99	0.67	ppb
Molybdenum	98-1	11.03	10.87	10.94	10.94	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.46	538.38	533.01	534.28	0.68	ppb
Phosphorus	31-2	756.09	843.91	795.20	798.40	5.51	ppb
Potassium	39-2	16133.17	16251.19	16304.42	16229.59	0.54	ppb
Rhodium	103-2				98		%
Rhodium	103-1				98		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	118.92	118.13	112.47	116.50	3.02	ppb
Selenium	78-2	110.35	113.50	114.17	112.67	1.81	ppb
Selenium	82-1	112.61	110.33	111.90	111.61	1.05	ppb
Silicon	28-1	9805.38	10062.70	10047.26	9971.78	1.45	ppb
Silver	109-1	65.72	66.23	67.06	66.34	1.02	ppb
Silver	107-1	66.44	66.34	65.69	66.16	0.61	ppb
Sodium	23-2	205062.27	204487.85	203584.92	204378.35	0.36	ppb
Strontium	86-1	890.61	884.33	891.57	888.83	0.44	ppb
Strontium	88-1	887.14	871.65	885.20	881.33	0.96	ppb
Sulfur	34-1	66167.63	67056.23	68704.51	67309.46	1.91	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	52.11	52.04	52.79	52.32	0.79	ppb
Thallium	205-1	52.44	52.18	52.58	52.40	0.39	ppb
Tin	118-1	0.13	0.14	0.13	0.13	6.92	ppb
Titanium	47-1	1.14	1.24	1.17	1.18	4.39	ppb
Uranium	238-1	11.92	11.71	11.78	11.80	0.91	ppb
Vanadium	51-2	535.64	541.89	540.83	539.45	0.62	ppb
Yttrium	89-2				99		%
Yttrium	89-1				104		%
Zinc	66-2	558.77	566.11	562.03	562.30	0.65	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	8.13	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-04	Instrumnet Name :	P7
Client Sample ID :	MH0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:10:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.14	0.09	0.11	22.82	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02A	Instrumnet Name :	P7
Client Sample ID :	MH0AT6A	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:14:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.37	4.78	3.22	4.12	19.61	ppb
Antimony	121-1	0.58	0.58	0.59	0.59	1.41	ppb
Arsenic	75-2	10.32	10.45	10.36	10.38	0.66	ppb
Barium	135-1	59.83	59.05	58.60	59.16	1.06	ppb
Barium	137-1	60.18	59.63	58.81	59.54	1.16	ppb
Beryllium	9-1	-0.06	-0.05	-0.07	-0.06		ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	287.69	293.56	289.91	290.39	1.02	ppb
Boron	11-1	287.60	291.58	293.59	290.92	1.05	ppb
Cadmium	106-1	-1.36	-0.66	-2.53	-1.52		ppb
Cadmium	108-1	0.19	0.18	0.16	0.18	7.90	ppb
Cadmium	111-1	0.03	0.03	0.05	0.04	32.30	ppb
Calcium	43-1	122091.75	121271.74	120274.49	121212.66	0.75	ppb
Calcium	44-1	121696.68	121113.36	119901.36	120903.80	0.76	ppb
Chromium	52-2	0.57	0.55	0.56	0.56	1.72	ppb
Cobalt	59-2	0.21	0.21	0.22	0.22	3.33	ppb
Copper	63-2	2.92	2.92	2.88	2.91	0.79	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				102		%
Holmium	165-1				105		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	24.09	24.17	23.95	24.07	0.45	ppb
Iron	57-2	38.32	38.04	36.01	37.46	3.36	ppb
Lead	206-1	0.26	0.25	0.27	0.26	2.53	ppb
Lead	207-1	0.23	0.25	0.22	0.23	5.92	ppb
Lead	208-1	0.24	0.24	0.23	0.24	2.16	ppb
Lithium	6-1				95		%
Magnesium	24-2	56144.71	55910.74	55879.31	55978.25	0.26	ppb
Manganese	55-2	32.27	32.52	32.00	32.26	0.81	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02A	Instrumnet Name :	P7
Client Sample ID :	MH0AT6A	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:14:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.47	3.39	3.39	3.42	1.39	ppb
Molybdenum	95-1	11.20	10.94	10.84	10.99	1.72	ppb
Molybdenum	96-1	9.23	8.92	8.97	9.04	1.82	ppb
Molybdenum	97-1	11.39	11.08	10.78	11.09	2.74	ppb
Molybdenum	98-1	11.01	10.84	10.95	10.93	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.08	1.14	1.10	2.56	ppb
Phosphorus	31-2	858.19	817.18	845.55	840.31	2.50	ppb
Potassium	39-2	16427.33	16609.66	16546.25	16527.74	0.56	ppb
Rhodium	103-2				97		%
Rhodium	103-1				97		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	3.66	3.18	3.69	3.51	8.24	ppb
Selenium	78-2	2.70	3.65	3.44	3.26	15.29	ppb
Selenium	82-1	3.50	4.34	3.44	3.76	13.39	ppb
Silicon	28-1	10046.10	9968.14	9925.32	9979.85	0.61	ppb
Silver	109-1	1.91	1.93	1.92	1.92	0.59	ppb
Silver	107-1	1.94	1.92	1.92	1.93	0.58	ppb
Sodium	23-2	209964.20	209176.91	209899.03	209680.05	0.21	ppb
Strontium	86-1	901.08	880.68	894.93	892.23	1.17	ppb
Strontium	88-1	896.63	874.83	895.07	888.84	1.37	ppb
Sulfur	34-1	68087.65	67499.73	66795.91	67461.10	0.96	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.00	-0.01	0.01	0.00	825.58	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.16	0.17	0.16	0.16	3.20	ppb
Titanium	47-1	1.33	1.19	1.17	1.23	6.98	ppb
Uranium	238-1	12.04	11.86	11.87	11.92	0.84	ppb
Vanadium	51-2	4.26	4.26	4.23	4.25	0.39	ppb
Yttrium	89-2				98		%
Yttrium	89-1				104		%
Zinc	66-2	27.60	27.99	27.23	27.61	1.39	ppb
Zirconium	90-1	0.07	0.07	0.09	0.08	11.99	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02A	Instrumnet Name :	P7
Client Sample ID :	MH0AT6A	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:14:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.07	0.11	0.08	30.97	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P7
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:18:38	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9661.22	9717.94	9577.65	9652.27	0.73	ppb
Antimony	121-1	489.44	484.33	488.91	487.56	0.58	ppb
Arsenic	75-2	495.57	493.85	496.15	495.19	0.24	ppb
Barium	135-1	2484.32	2473.04	2526.94	2494.77	1.14	ppb
Barium	137-1	2501.14	2504.33	2547.08	2517.52	1.02	ppb
Beryllium	9-1	510.26	509.05	496.53	505.28	1.50	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	504.43	513.81	509.87	509.37	0.92	ppb
Boron	11-1	499.66	503.45	496.25	499.79	0.72	ppb
Cadmium	106-1	493.01	493.55	501.58	496.05	0.97	ppb
Cadmium	108-1	492.76	489.88	500.60	494.42	1.12	ppb
Cadmium	111-1	494.01	493.71	506.29	498.00	1.44	ppb
Calcium	43-1	48808.32	47738.04	48236.52	48260.96	1.11	ppb
Calcium	44-1	49158.42	48541.58	48754.82	48818.27	0.64	ppb
Chromium	52-2	500.34	505.27	499.01	501.54	0.66	ppb
Cobalt	59-2	500.72	505.16	503.70	503.19	0.45	ppb
Copper	63-2	1041.22	1044.85	1022.81	1036.29	1.14	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				102		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	25601.09	25997.49	25506.05	25701.54	1.01	ppb
Iron	57-2	25097.05	25409.05	24969.37	25158.49	0.90	ppb
Lead	206-1	485.24	488.93	484.47	486.21	0.49	ppb
Lead	207-1	482.80	487.41	479.84	483.35	0.79	ppb
Lead	208-1	490.25	492.09	484.82	489.06	0.77	ppb
Lithium	6-1				85		%
Magnesium	24-2	50124.85	50502.45	50356.65	50327.98	0.38	ppb
Manganese	55-2	998.57	1013.79	1000.24	1004.20	0.83	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P7
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:18:38	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	487.03	503.02	486.24	492.10	1.92	ppb
Molybdenum	95-1	479.88	495.59	482.54	486.01	1.73	ppb
Molybdenum	96-1	475.74	489.39	477.41	480.85	1.55	ppb
Molybdenum	97-1	480.52	490.20	482.05	484.26	1.07	ppb
Molybdenum	98-1	485.48	502.44	491.41	493.11	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.46	510.41	506.82	506.89	0.69	ppb
Phosphorus	31-2	9721.02	9772.35	9563.90	9685.76	1.12	ppb
Potassium	39-2	24695.21	24645.08	24117.99	24486.09	1.31	ppb
Rhodium	103-2				97		%
Rhodium	103-1				97		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	496.86	490.84	489.87	492.52	0.77	ppb
Selenium	78-2	503.11	489.45	503.79	498.78	1.62	ppb
Selenium	82-1	488.04	499.02	487.36	491.47	1.33	ppb
Silicon	28-1	464.26	451.02	470.54	461.94	2.16	ppb
Silver	109-1	503.69	501.77	510.84	505.44	0.95	ppb
Silver	107-1	503.84	506.44	510.81	507.03	0.70	ppb
Sodium	23-2	50941.60	51189.86	50497.76	50876.40	0.69	ppb
Strontium	86-1	480.80	496.97	483.75	487.18	1.77	ppb
Strontium	88-1	490.02	499.97	495.84	495.28	1.01	ppb
Sulfur	34-1	8777.41	8461.91	8602.68	8614.00	1.83	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	495.37	496.83	496.78	496.33	0.17	ppb
Thallium	205-1	493.80	488.45	492.03	491.43	0.56	ppb
Tin	118-1	495.93	498.88	509.75	501.52	1.45	ppb
Titanium	47-1	491.76	477.89	484.89	484.85	1.43	ppb
Uranium	238-1	488.00	487.58	488.26	487.94	0.07	ppb
Vanadium	51-2	499.11	502.04	496.86	499.33	0.52	ppb
Yttrium	89-2				96		%
Yttrium	89-1				101		%
Zinc	66-2	1016.66	1025.39	1017.14	1019.73	0.48	ppb
Zirconium	90-1	490.69	495.69	497.17	494.52	0.69	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P7
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:18:38	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	479.47	490.29	484.29	484.68	1.12	ppb

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : CCB059 Instrumnet Name : P7
 Client Sample ID : CCB059 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 18:24:55 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.09	0.09	0.07	217.94	ppb
Antimony	121-1	0.91	1.15	1.43	1.16	22.31	ppb
Arsenic	75-2	0.14	0.21	0.20	0.18	19.70	ppb
Barium	135-1	-0.01	0.00	0.00	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.03	-0.03		ppb
Beryllium	9-1	-0.03	-0.03	-0.05	-0.04		ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	9.55	8.88	8.90	9.11	4.23	ppb
Boron	11-1	8.96	9.15	8.66	8.92	2.78	ppb
Cadmium	106-1	-1.80	-1.46	-0.71	-1.32		ppb
Cadmium	108-1	0.01	0.01	0.01	0.01	7.14	ppb
Cadmium	111-1	-0.01	-0.01	-0.02	-0.01		ppb
Calcium	43-1	2.67	1.06	-0.04	1.23	110.49	ppb
Calcium	44-1	2.41	2.46	2.29	2.39	3.58	ppb
Chromium	52-2	0.00	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.04		ppb
Copper	63-2	0.38	0.33	0.34	0.35	6.15	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				99		%
Holmium	165-1				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	0.53	0.67	0.64	0.61	12.42	ppb
Iron	57-2	-0.01	0.78	0.16	0.31	133.42	ppb
Lead	206-1	0.00	0.00	-0.01	-0.01		ppb
Lead	207-1	0.00	-0.02	0.00	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	0.00		ppb
Lithium	6-1				88		%
Magnesium	24-2	1.20	0.91	1.11	1.07	13.69	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P7
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:24:55	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.09	0.11	0.09	33.49	ppb
Molybdenum	95-1	0.18	0.24	0.40	0.27	40.82	ppb
Molybdenum	96-1	0.12	0.20	0.33	0.22	47.33	ppb
Molybdenum	97-1	0.15	0.28	0.40	0.28	44.37	ppb
Molybdenum	98-1	0.13	0.23	0.35	0.24	47.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.03	-0.04		ppb
Phosphorus	31-2	-7.26	7.03	-7.01	-2.41		ppb
Potassium	39-2	1.81	6.22	3.55	3.86	57.50	ppb
Rhodium	103-2				101		%
Rhodium	103-1				101		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	0.38	-0.18	0.39	0.20	166.84	ppb
Selenium	78-2	0.50	0.55	1.29	0.78	56.64	ppb
Selenium	82-1	-0.53	0.24	-0.88	-0.39		ppb
Silicon	28-1	-9.23	-9.33	-9.97	-9.51		ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.75	ppb
Silver	107-1	0.07	0.05	0.05	0.06	17.76	ppb
Sodium	23-2	25.55	25.36	24.85	25.26	1.44	ppb
Strontium	86-1	0.18	0.23	0.21	0.21	13.55	ppb
Strontium	88-1	0.02	0.01	0.02	0.01	27.70	ppb
Sulfur	34-1	-752.08	-603.82	-645.72	-667.21		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.06	0.09	0.11	0.09	30.69	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	1116.11	ppb
Uranium	238-1	-0.05	-0.05	-0.05	-0.05		ppb
Vanadium	51-2	-0.01	0.00	0.00	-0.01		ppb
Yttrium	89-2				96		%
Yttrium	89-1				102		%
Zinc	66-2	0.02	-0.03	0.04	0.01	343.88	ppb
Zirconium	90-1	0.00	0.02	0.04	0.02	82.57	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P7
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:24:55	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	11.96	ppb

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:11:52	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	75	75	22.22	cps
Antimony	121-1	1175	1292	1450	1306	10.57	cps
Arsenic	75-2	39	41	17	32	41.73	cps
Barium	135-1	308	217	200	242	24.14	cps
Barium	137-1	492	500	500	497	0.97	cps
Beryllium	9-1	333	233	167	244	34.32	cps
Bismuth	209-1	12344509	12668903	12471656	12495023	1.31	cps
Bismuth	209-2	7468018	7496838	7504811	7489889	0.26	cps
Boron	10-1	233	175	158	189	20.85	cps
Boron	11-1	683	642	700	675	4.45	cps
Cadmium	106-1	5793	5985	6293	6024	4.19	cps
Cadmium	108-1	17	29	17	21	34.64	cps
Cadmium	111-1	-425	-401	-454	-427	-6.31	cps
Calcium	43-1	542	625	633	600	8.45	cps
Calcium	44-1	26959	27794	27026	27260	1.70	cps
Chromium	52-2	977	1097	993	1022	6.36	cps
Cobalt	59-2	487	433	367	429	14.02	cps
Copper	63-2	5825	5928	5571	5775	3.18	cps
Dysprosium	156-2	10	20	3	11	75.52	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	27	33	17	26	32.81	cps
Gadolinium	160-2	60	67	33	53	33.08	cps
Gadolinium	160-1	100	100	175	125	34.64	cps
Holmium	165-1	18105456	18247006	18223586	18192016	0.42	cps
Holmium	165-2	9152566	9145531	9168005	9155367	0.13	cps
Indium	115-2	2990589	3004022	2995909	2996840	0.23	cps
Indium	115-1	15971126	16124100	16031932	16042386	0.48	cps
Iron	56-2	5757	6368	5857	5994	5.47	cps
Iron	57-2	161	89	139	130	28.54	cps
Lead	206-1	1906	1556	1800	1754	10.24	cps
Lead	207-1	1578	1561	1595	1578	1.06	cps
Lead	208-1	7451	6912	7207	7190	3.75	cps
Lithium	6-1	2039542	2034931	2070903	2048459	0.96	cps
Magnesium	24-2	217	142	175	178	21.14	cps
Manganese	55-2	127	97	77	100	25.17	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:11:52	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	942	1058	950	10.99	cps
Molybdenum	95-1	708	767	725	733	4.10	cps
Molybdenum	96-1	1017	983	1083	1028	4.95	cps
Molybdenum	97-1	367	475	533	458	18.45	cps
Molybdenum	98-1	1217	1317	1433	1322	8.20	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	180	190	177	182	3.81	cps
Phosphorus	31-2	308	275	408	331	20.99	cps
Potassium	39-2	55899	56174	56007	56026	0.25	cps
Rhodium	103-2	6978250	7110675	7046842	7045256	0.94	cps
Rhodium	103-1	15053935	14821007	15057558	14977500	0.90	cps
Scandium	45-1	10208959	10041099	10204980	10151679	0.94	cps
Scandium	45-2	470873	474691	475522	473695	0.52	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	130	111	137	126	10.61	cps
Selenium	82-1	125	132	90	116	19.22	cps
Silicon	28-1	682245	672534	674713	676497	0.75	cps
Silver	109-1	117	58	83	86	33.98	cps
Silver	107-1	117	175	225	172	31.48	cps
Sodium	23-2	42419	44550	42486	43152	2.81	cps
Strontium	86-1	5393	5668	5184	5415	4.48	cps
Strontium	88-1	792	725	617	711	12.42	cps
Sulfur	34-1	900150	898693	902722	900522	0.23	cps
Terbium	159-1	19293223	19261549	19299894	19284889	0.11	cps
Terbium	159-2	9035277	9107219	9063319	9068605	0.40	cps
Thallium	203-1	817	608	858	761	17.60	cps
Thallium	205-1	1992	1767	1592	1784	11.25	cps
Tin	118-1	1358	1425	1542	1442	6.44	cps
Titanium	47-1	350	192	175	239	40.43	cps
Uranium	238-1	3659	3309	3126	3364	8.06	cps
Vanadium	51-2	87	87	103	92	10.44	cps
Yttrium	89-2	2299657	2302773	2283102	2295177	0.46	cps
Yttrium	89-1	16156467	16264062	16080863	16167131	0.57	cps
Zinc	66-2	303	347	283	311	10.41	cps
Zirconium	90-1	1275	1142	1325	1247	7.60	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:11:52	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	250	292	233	29.23	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:20:27	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	492	450	450	9.26	cps
Antimony	121-1	3726	3442	3534	3567	4.05	cps
Arsenic	75-2	83	85	80	83	3.42	cps
Barium	135-1	4117	4059	4017	4065	1.24	cps
Barium	137-1	6869	6310	6635	6605	4.25	cps
Beryllium	9-1	356	361	356	357	0.90	cps
Bismuth	209-1	12420336	12413889	12242430	12358885	0.82	cps
Bismuth	209-2	7485474	7595759	7480109	7520447	0.87	cps
Boron	10-1	1142	1125	1083	1117	2.69	cps
Boron	11-1	6035	6185	6427	6215	3.18	cps
Cadmium	106-1	5476	6177	5635	5763	6.37	cps
Cadmium	108-1	54	29	46	43	29.56	cps
Cadmium	111-1	-125	-182	-74	-127	-42.72	cps
Calcium	43-1	3000	3000	2950	2984	0.97	cps
Calcium	44-1	66400	65253	67588	66414	1.76	cps
Chromium	52-2	2034	2164	2270	2156	5.50	cps
Cobalt	59-2	1143	1113	1060	1106	3.82	cps
Copper	63-2	7185	7189	7045	7140	1.15	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	37	40	33	37	9.10	cps
Gadolinium	160-2	37	47	47	43	13.32	cps
Gadolinium	160-1	133	108	100	114	15.23	cps
Holmium	165-2	9183953	9307892	9193974	9228606	0.75	cps
Holmium	165-1	18314519	18224875	18279450	18272948	0.25	cps
Indium	115-1	15923503	15909364	15793000	15875289	0.45	cps
Indium	115-2	2954131	2959171	2976762	2963355	0.40	cps
Iron	56-2	27972	28395	27393	27920	1.80	cps
Iron	57-2	650	600	733	661	10.19	cps
Lead	206-1	2234	2411	2384	2343	4.08	cps
Lead	207-1	2022	2289	2328	2213	7.52	cps
Lead	208-1	9618	10163	10118	9967	3.03	cps
Lithium	6-1	1982837	1989456	1972221	1981505	0.44	cps
Magnesium	24-2	19296	19997	19822	19705	1.85	cps
Manganese	55-2	373	383	400	386	3.49	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:20:27	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3409	3201	3075	3228	5.22	cps
Molybdenum	95-1	3976	3934	4092	4001	2.05	cps
Molybdenum	96-1	4526	4326	4326	4393	2.63	cps
Molybdenum	97-1	2367	2817	2550	2578	8.78	cps
Molybdenum	98-1	6535	6210	6427	6391	2.59	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	290	383	390	354	15.77	cps
Phosphorus	31-2	217	233	300	250	17.64	cps
Potassium	39-2	76155	77343	76129	76542	0.91	cps
Rhodium	103-2	6974899	7112297	7050505	7045900	0.98	cps
Rhodium	103-1	14952113	14891144	14673238	14838832	0.99	cps
Scandium	45-1	10178082	9915078	10055690	10049617	1.31	cps
Scandium	45-2	468802	472188	469992	470327	0.37	cps
Selenium	77-2	0	17	3	7	132.33	cps
Selenium	78-2	144	185	137	156	16.67	cps
Selenium	82-1	171	33	211	138	67.71	cps
Silicon	28-1	697311	699560	698934	698602	0.17	cps
Silver	109-1	3017	2817	2767	2867	4.62	cps
Silver	107-1	3017	3017	3000	3012	0.32	cps
Sodium	23-2	80281	80600	81866	80916	1.04	cps
Strontium	86-1	5735	5226	5360	5440	4.85	cps
Strontium	88-1	5468	5235	4993	5232	4.54	cps
Sulfur	34-1	899747	893292	894836	895958	0.38	cps
Terbium	159-1	19398166	19160414	18934969	19164516	1.21	cps
Terbium	159-2	9125469	9151145	9121837	9132817	0.17	cps
Thallium	203-1	1992	1959	2025	1992	1.67	cps
Thallium	205-1	4309	4868	4368	4515	6.80	cps
Tin	118-1	8203	7577	7552	7777	4.74	cps
Titanium	47-1	1450	1483	1350	1428	4.86	cps
Uranium	238-1	5785	5868	5785	5813	0.83	cps
Vanadium	51-2	2237	2100	2194	2177	3.21	cps
Yttrium	89-2	2264254	2282308	2275633	2274065	0.40	cps
Yttrium	89-1	16172903	16163698	15808498	16048366	1.29	cps
Zinc	66-2	517	493	490	500	2.91	cps
Zirconium	90-1	3309	3226	3117	3217	2.99	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:20:27	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	692	700	800	731	8.25	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:24:14	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3426	3200	2959	3195	7.31	cps
Antimony	121-1	32497	31770	32363	32210	1.20	cps
Arsenic	75-2	644	678	626	649	4.05	cps
Barium	135-1	38078	37961	38045	38028	0.16	cps
Barium	137-1	64074	66217	66166	65486	1.87	cps
Beryllium	9-1	3078	3323	3134	3178	4.03	cps
Bismuth	209-1	12348941	12236960	12348404	12311435	0.52	cps
Bismuth	209-2	7505895	7477726	7507403	7497008	0.22	cps
Boron	10-1	11572	11588	11405	11521	0.88	cps
Boron	11-1	54441	54223	55210	54625	0.95	cps
Cadmium	106-1	6669	6102	6110	6293	5.16	cps
Cadmium	108-1	300	317	288	301	4.86	cps
Cadmium	111-1	3767	3970	3733	3824	3.34	cps
Calcium	43-1	24404	24847	24529	24594	0.93	cps
Calcium	44-1	419463	413346	419077	417295	0.82	cps
Chromium	52-2	12679	12736	12616	12677	0.47	cps
Cobalt	59-2	8976	9270	9296	9181	1.94	cps
Copper	63-2	21579	21279	21930	21596	1.51	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Erbium	164-1	108	67	67	81	29.86	cps
Erbium	164-2	43	53	23	40	38.19	cps
Gadolinium	160-2	50	63	60	58	12.01	cps
Gadolinium	160-1	183	183	192	186	2.59	cps
Holmium	165-2	9201190	9175255	9180661	9185702	0.15	cps
Holmium	165-1	18334535	18416625	18502017	18417726	0.45	cps
Indium	115-1	16014824	15917434	15932734	15954997	0.33	cps
Indium	115-2	2970613	2983431	3001538	2985194	0.52	cps
Iron	56-2	228196	229865	225641	227901	0.93	cps
Iron	57-2	5835	5829	5379	5681	4.60	cps
Lead	206-1	15893	16316	15910	16040	1.49	cps
Lead	207-1	14547	14058	14525	14377	1.92	cps
Lead	208-1	64062	64696	64858	64539	0.65	cps
Lithium	6-1	1980710	1966151	1976614	1974491	0.38	cps
Magnesium	24-2	196968	200212	197289	198156	0.90	cps
Manganese	55-2	2847	3224	3120	3064	6.35	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:24:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31143	31185	30208	30845	1.79	cps
Molybdenum	95-1	39038	37976	37860	38291	1.69	cps
Molybdenum	96-1	40943	42372	43241	42186	2.75	cps
Molybdenum	97-1	23412	23645	23679	23579	0.62	cps
Molybdenum	98-1	61626	62236	59876	61246	2.00	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	2614	2674	2714	2667	1.89	cps
Phosphorus	31-2	358	267	283	303	16.13	cps
Potassium	39-2	251275	251894	247221	250130	1.01	cps
Rhodium	103-2	7091019	7047594	7077329	7071980	0.31	cps
Rhodium	103-1	14907577	14830371	14832790	14856913	0.30	cps
Scandium	45-1	10080778	10077749	10065869	10074799	0.08	cps
Scandium	45-2	471924	471770	471322	471672	0.07	cps
Selenium	77-2	57	60	67	61	8.33	cps
Selenium	78-2	330	322	346	333	3.71	cps
Selenium	82-1	1235	1259	1349	1281	4.68	cps
Silicon	28-1	792170	793996	791856	792674	0.15	cps
Silver	109-1	26660	26651	27712	27007	2.26	cps
Silver	107-1	27444	27068	27461	27324	0.81	cps
Sodium	23-2	429862	430616	432735	431071	0.35	cps
Strontium	86-1	10496	10246	10680	10474	2.08	cps
Strontium	88-1	46552	48090	46409	47017	1.98	cps
Sulfur	34-1	900075	907486	895100	900887	0.69	cps
Terbium	159-1	19147696	19262463	18916292	19108817	0.92	cps
Terbium	159-2	9112215	9172333	9195264	9159937	0.47	cps
Thallium	203-1	15434	15910	16169	15838	2.35	cps
Thallium	205-1	37086	39059	37922	38022	2.60	cps
Tin	118-1	65905	67463	66517	66628	1.18	cps
Titanium	47-1	11246	12314	11905	11822	4.56	cps
Uranium	238-1	51343	51930	51645	51639	0.57	cps
Vanadium	51-2	21402	22147	21803	21784	1.71	cps
Yttrium	89-2	2282259	2296747	2282982	2287329	0.36	cps
Yttrium	89-1	15962446	16131427	16025081	16039651	0.53	cps
Zinc	66-2	2190	2330	2277	2266	3.12	cps
Zirconium	90-1	25666	24213	24998	24959	2.91	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:24:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5893	5726	5460	5693	3.84	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:28:01	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158339	157495	160006	158613	0.81	cps
Antimony	121-1	717628	689457	674177	693754	3.18	cps
Arsenic	75-2	31312	31081	31415	31269	0.55	cps
Barium	135-1	992200	989486	994219	991968	0.24	cps
Barium	137-1	1716751	1709870	1731440	1719354	0.64	cps
Beryllium	9-1	163791	162511	161669	162657	0.66	cps
Bismuth	209-1	12459946	12507762	12435171	12467627	0.30	cps
Bismuth	209-2	7510442	7484903	7497742	7497696	0.17	cps
Boron	10-1	22359	23294	24020	23224	3.59	cps
Boron	11-1	112710	114079	115673	114154	1.30	cps
Cadmium	106-1	29782	31068	30626	30492	2.14	cps
Cadmium	108-1	16702	16623	16597	16641	0.33	cps
Cadmium	111-1	223857	223926	224808	224197	0.24	cps
Calcium	43-1	252406	253505	249907	251939	0.73	cps
Calcium	44-1	4117740	4078806	4111419	4102655	0.51	cps
Chromium	52-2	279690	283608	282296	281865	0.71	cps
Cobalt	59-2	463336	462980	465453	463923	0.29	cps
Copper	63-2	687645	688711	695965	690774	0.66	cps
Dysprosium	156-2	20	7	13	13	49.99	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Erbium	164-1	25	17	58	33	66.14	cps
Erbium	164-2	40	7	27	24	68.62	cps
Gadolinium	160-2	50	60	33	48	28.20	cps
Gadolinium	160-1	167	183	133	161	15.80	cps
Holmium	165-2	9206053	9197559	9187594	9197069	0.10	cps
Holmium	165-1	18579866	18477160	18692613	18583213	0.58	cps
Indium	115-1	16121504	15894269	15929872	15981882	0.76	cps
Indium	115-2	2975418	2989462	2960129	2975003	0.49	cps
Iron	56-2	11548002	11608358	11580005	11578788	0.26	cps
Iron	57-2	280730	282939	284179	282616	0.62	cps
Lead	206-1	624994	626713	631131	627613	0.50	cps
Lead	207-1	580530	582631	581933	581698	0.18	cps
Lead	208-1	2591272	2590815	2605939	2596009	0.33	cps
Lithium	6-1	1972716	1973728	1970776	1972407	0.08	cps
Magnesium	24-2	2054211	2042474	2056870	2051185	0.37	cps
Manganese	55-2	301939	308065	306267	305424	1.03	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:28:01	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	758553	758844	751892	756430	0.52	cps
Molybdenum	95-1	406471	399579	402840	402963	0.86	cps
Molybdenum	96-1	518312	513194	511395	514300	0.70	cps
Molybdenum	97-1	251175	247486	247580	248747	0.85	cps
Molybdenum	98-1	648855	641263	636349	642156	0.98	cps
Neodymium	150-1	100	53	120	91	37.54	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	125791	126457	126281	126177	0.27	cps
Phosphorus	31-2	9403	10204	10571	10059	5.93	cps
Potassium	39-2	1049400	1063516	1059717	1057544	0.69	cps
Rhodium	103-2	6992036	7018393	6897135	6969188	0.92	cps
Rhodium	103-1	14931652	14851424	14834482	14872519	0.35	cps
Scandium	45-1	10150775	9992343	10132579	10091899	0.86	cps
Scandium	45-2	468608	476533	470790	471977	0.87	cps
Selenium	77-2	700	633	617	650	6.78	cps
Selenium	78-2	2311	2230	2100	2214	4.81	cps
Selenium	82-1	14111	13891	13845	13949	1.02	cps
Silicon	28-1	1300188	1294049	1305099	1299778	0.43	cps
Silver	109-1	1046578	1046262	1045182	1046007	0.07	cps
Silver	107-1	1092598	1087572	1089052	1089741	0.24	cps
Sodium	23-2	4043909	4056101	4079528	4059846	0.45	cps
Strontium	86-1	319814	313499	316315	316543	1.00	cps
Strontium	88-1	2745815	2684551	2726672	2719013	1.15	cps
Sulfur	34-1	1012332	1010090	1012547	1011657	0.13	cps
Terbium	159-1	19246147	19144822	19271829	19220933	0.35	cps
Terbium	159-2	9207452	9193442	9106504	9169133	0.60	cps
Thallium	203-1	779006	788454	787481	784980	0.66	cps
Thallium	205-1	1885514	1876192	1891407	1884371	0.41	cps
Tin	118-1	694643	686151	683182	687992	0.86	cps
Titanium	47-1	123599	124128	126272	124666	1.14	cps
Uranium	238-1	2672710	2669776	2691887	2678124	0.45	cps
Vanadium	51-2	224650	226156	226362	225723	0.41	cps
Yttrium	89-2	2287971	2289932	2273938	2283947	0.38	cps
Yttrium	89-1	16371183	16123974	16171548	16222235	0.81	cps
Zinc	66-2	96345	96506	95677	96176	0.46	cps
Zirconium	90-1	1456470	1445300	1448010	1449927	0.40	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:28:01	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	319796	320809	323365	321323	0.57	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:32:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392257	384239	393407	389967	1.28	cps
Antimony	121-1	1930038	1914199	1880030	1908089	1.34	cps
Arsenic	75-2	79331	78493	78404	78743	0.65	cps
Barium	135-1	2456442	2450748	2455719	2454303	0.13	cps
Barium	137-1	4224831	4265846	4277723	4256134	0.65	cps
Beryllium	9-1	402266	400834	397616	400239	0.60	cps
Bismuth	209-1	12246911	12106943	12150754	12168203	0.59	cps
Bismuth	209-2	7476853	7428601	7377142	7427532	0.67	cps
Boron	10-1	55319	58021	56632	56657	2.39	cps
Boron	11-1	277059	280417	281360	279612	0.81	cps
Cadmium	111-1	556400	554126	552974	554500	0.31	cps
Cadmium	106-1	68499	66800	67042	67447	1.36	cps
Cadmium	108-1	40759	41716	41448	41308	1.20	cps
Calcium	43-1	624853	636020	624445	628439	1.05	cps
Calcium	44-1	10212750	10248451	10027446	10162882	1.17	cps
Chromium	52-2	704689	704332	705263	704761	0.07	cps
Cobalt	59-2	1157213	1143860	1153917	1151663	0.60	cps
Copper	63-2	1711507	1704488	1699771	1705255	0.35	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Dysprosium	156-1	42	75	42	53	36.46	cps
Erbium	164-1	92	108	83	94	13.48	cps
Erbium	164-2	37	27	60	41	41.60	cps
Gadolinium	160-2	73	67	60	67	10.00	cps
Gadolinium	160-1	167	175	142	161	10.77	cps
Holmium	165-2	9291368	9197446	9068518	9185777	1.22	cps
Holmium	165-1	18216326	18250964	18013697	18160329	0.71	cps
Indium	115-1	15821384	15804085	15603143	15742871	0.77	cps
Indium	115-2	2948303	2949958	2948787	2949016	0.03	cps
Iron	56-2	29146673	28762815	28839184	28916224	0.70	cps
Iron	57-2	714787	710153	709537	711492	0.40	cps
Lead	206-1	1565602	1568613	1573014	1569076	0.24	cps
Lead	207-1	1448878	1439080	1453819	1447259	0.52	cps
Lead	208-1	6452775	6431928	6478761	6454488	0.36	cps
Lithium	6-1	1951014	1933165	1925300	1936493	0.68	cps
Magnesium	24-2	5094438	5065862	5086695	5082331	0.29	cps
Manganese	55-2	765528	753724	764152	761135	0.85	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:32:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1887647	1876913	1869883	1878148	0.48	cps
Molybdenum	95-1	1014454	1013268	1006469	1011397	0.43	cps
Molybdenum	96-1	1296920	1294353	1296660	1295978	0.11	cps
Molybdenum	97-1	627924	626432	623471	625942	0.36	cps
Molybdenum	98-1	1619856	1635019	1624704	1626526	0.48	cps
Neodymium	150-1	173	187	147	169	12.06	cps
Neodymium	150-2	17	30	13	20	44.10	cps
Nickel	60-2	310193	308590	309510	309431	0.26	cps
Phosphorus	31-2	24488	24688	23920	24365	1.64	cps
Potassium	39-2	2598279	2575731	2574188	2582733	0.52	cps
Rhodium	103-1	14673923	14520849	14652641	14615804	0.57	cps
Rhodium	103-2	6925417	6923756	6831567	6893580	0.78	cps
Scandium	45-2	471890	467002	470901	469931	0.55	cps
Scandium	45-1	10084716	10136784	9935944	10052481	1.04	cps
Selenium	82-1	35064	35123	34407	34865	1.14	cps
Selenium	77-2	1693	1557	1510	1587	6.01	cps
Selenium	78-2	5477	5392	5401	5423	0.86	cps
Silicon	28-1	2219883	2243222	2242308	2235137	0.59	cps
Silver	109-1	2587934	2586559	2605190	2593228	0.40	cps
Silver	107-1	2687424	2706050	2699660	2697711	0.35	cps
Sodium	23-2	10074564	10074003	10043835	10064134	0.17	cps
Strontium	88-1	6760927	6679059	6717072	6719020	0.61	cps
Strontium	86-1	770324	777858	778666	775616	0.59	cps
Sulfur	34-1	1142836	1143858	1139639	1142111	0.19	cps
Terbium	159-1	19102112	19216177	19119943	19146077	0.32	cps
Terbium	159-2	9311855	9198330	9111348	9207178	1.09	cps
Thallium	203-1	1957596	1963249	1931063	1950636	0.88	cps
Thallium	205-1	4677070	4735481	4710437	4707663	0.62	cps
Tin	118-1	1705716	1705358	1719392	1710155	0.47	cps
Titanium	47-1	313045	310779	311215	311680	0.39	cps
Uranium	238-1	6746412	6758149	6715398	6739986	0.33	cps
Vanadium	51-2	567719	563825	565285	565609	0.35	cps
Yttrium	89-1	16103415	15935771	15987235	16008807	0.54	cps
Yttrium	89-2	2279314	2279179	2269934	2276142	0.24	cps
Zinc	66-2	241372	240595	240566	240845	0.19	cps
Zirconium	90-1	3679165	3656490	3634334	3656663	0.61	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:32:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	808247	801040	808666	805984	0.53	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:35:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	773292	771523	762977	769264	0.72	cps
Antimony	121-1	4045120	3952703	3897001	3964941	1.89	cps
Arsenic	75-2	157277	157166	155819	156754	0.52	cps
Barium	135-1	4921833	4872419	4889656	4894636	0.51	cps
Barium	137-1	8473131	8384499	8359842	8405824	0.71	cps
Beryllium	9-1	806969	798431	797627	801009	0.65	cps
Bismuth	209-1	12243224	12026024	12094256	12121168	0.92	cps
Bismuth	209-2	7394195	7429473	7370337	7398001	0.40	cps
Boron	10-1	116606	116405	115019	116010	0.75	cps
Boron	11-1	572205	565253	564085	567181	0.77	cps
Cadmium	106-1	130069	126637	127269	127991	1.43	cps
Cadmium	108-1	81281	81013	80418	80904	0.55	cps
Cadmium	111-1	1104159	1085396	1098027	1095861	0.87	cps
Calcium	43-1	1253341	1235135	1246341	1244939	0.74	cps
Calcium	44-1	20152663	20041080	20058129	20083957	0.30	cps
Chromium	52-2	1389721	1395513	1382709	1389314	0.46	cps
Cobalt	59-2	2279950	2273417	2262175	2271847	0.40	cps
Copper	63-2	3320211	3343043	3308997	3324084	0.52	cps
Dysprosium	156-2	23	17	17	19	20.36	cps
Dysprosium	156-1	50	117	83	83	40.00	cps
Erbium	164-1	67	92	83	81	15.80	cps
Erbium	164-2	20	27	50	32	48.88	cps
Gadolinium	160-2	47	60	47	51	15.06	cps
Gadolinium	160-1	117	100	167	128	27.15	cps
Holmium	165-2	9128169	9195885	9125478	9149844	0.44	cps
Holmium	165-1	18196750	18222330	18303006	18240696	0.30	cps
Indium	115-1	15774235	15505147	15657660	15645681	0.86	cps
Indium	115-2	2905931	2931857	2911735	2916508	0.47	cps
Iron	56-2	57189343	56487846	56576972	56751387	0.67	cps
Iron	57-2	1402379	1397909	1391713	1397334	0.38	cps
Lead	206-1	3142397	3093444	3137282	3124374	0.86	cps
Lead	207-1	2911431	2872325	2898572	2894109	0.69	cps
Lead	208-1	13015587	12815642	12951832	12927687	0.79	cps
Lithium	6-1	1961423	1931266	1931626	1941438	0.89	cps
Magnesium	24-2	10090296	10032379	9943002	10021892	0.74	cps
Manganese	55-2	1507782	1503525	1494241	1501849	0.46	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:35:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3814082	3762379	3765640	3780700	0.77	cps
Molybdenum	95-1	2034751	2019905	2014575	2023077	0.52	cps
Molybdenum	96-1	2639320	2588596	2611849	2613255	0.97	cps
Molybdenum	97-1	1270360	1241094	1246754	1252736	1.24	cps
Molybdenum	98-1	3305956	3218649	3250602	3258402	1.36	cps
Neodymium	150-1	287	340	267	298	12.73	cps
Neodymium	150-2	30	30	40	33	17.32	cps
Nickel	60-2	610021	608907	605479	608136	0.39	cps
Phosphorus	31-2	47042	46782	46665	46830	0.41	cps
Potassium	39-2	4986609	4909742	4912795	4936382	0.88	cps
Rhodium	103-2	6850999	6869969	6794546	6838505	0.57	cps
Rhodium	103-1	14727439	14358380	14356096	14480639	1.48	cps
Scandium	45-1	9980629	9967931	10052111	10000224	0.45	cps
Scandium	45-2	464753	462554	462789	463365	0.26	cps
Selenium	77-2	3020	3017	3084	3040	1.24	cps
Selenium	78-2	10187	10445	10200	10277	1.41	cps
Selenium	82-1	68807	68519	68992	68773	0.35	cps
Silicon	28-1	3813337	3771348	3757362	3780682	0.77	cps
Silver	109-1	5163691	5097031	5093934	5118219	0.77	cps
Silver	107-1	5370760	5324034	5319346	5338046	0.53	cps
Sodium	23-2	20053895	19778599	19630311	19820935	1.08	cps
Strontium	86-1	1552874	1540838	1551523	1548411	0.43	cps
Strontium	88-1	13465586	13201934	13395020	13354180	1.02	cps
Sulfur	34-1	1362377	1354358	1357388	1358041	0.30	cps
Terbium	159-1	19047987	19047307	19034166	19043153	0.04	cps
Terbium	159-2	9251093	9237472	9003613	9164059	1.52	cps
Thallium	203-1	3919830	3856488	3902959	3893093	0.84	cps
Thallium	205-1	9290630	9062418	9218486	9190512	1.27	cps
Tin	118-1	3448816	3429909	3443511	3440745	0.28	cps
Titanium	47-1	624218	617042	621021	620760	0.58	cps
Uranium	238-1	13346002	13233466	13224190	13267886	0.51	cps
Vanadium	51-2	1112557	1113255	1112199	1112670	0.05	cps
Yttrium	89-2	2258416	2251586	2245087	2251696	0.30	cps
Yttrium	89-1	16115621	15861259	16062995	16013292	0.84	cps
Zinc	66-2	467534	469584	464902	467340	0.50	cps
Zirconium	90-1	7376459	7267188	7244463	7296037	0.97	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:35:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1629937	1598539	1614001	1614159	0.97	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:39:23	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1526706	1510433	1516457	1517865	0.54	cps
Antimony	121-1	8183441	8074437	8060690	8106189	0.83	cps
Arsenic	75-2	304850	305533	305260	305214	0.11	cps
Barium	135-1	9690212	9726601	9612133	9676315	0.60	cps
Barium	137-1	16663226	16836007	16647949	16715727	0.62	cps
Beryllium	9-1	1562762	1557966	1570260	1563663	0.40	cps
Bismuth	209-1	12072668	11978721	12244713	12098701	1.11	cps
Bismuth	209-2	7275006	7245535	7305792	7275444	0.41	cps
Boron	10-1	224834	227759	228435	227009	0.84	cps
Boron	11-1	1108551	1107057	1131464	1115690	1.23	cps
Cadmium	106-1	245723	243995	244513	244744	0.36	cps
Cadmium	108-1	158640	159848	160390	159626	0.56	cps
Cadmium	111-1	2135700	2138641	2139363	2137901	0.09	cps
Calcium	43-1	2467494	2447153	2453343	2455997	0.42	cps
Calcium	44-1	39696962	39513008	40011308	39740426	0.63	cps
Chromium	52-2	2681028	2701995	2714408	2699144	0.63	cps
Cobalt	59-2	4391967	4391281	4435859	4406369	0.58	cps
Copper	63-2	6463497	6410272	6493868	6455879	0.66	cps
Dysprosium	156-2	43	37	27	36	23.58	cps
Dysprosium	156-1	158	117	142	139	15.10	cps
Erbium	164-1	117	100	167	128	27.15	cps
Erbium	164-2	37	30	40	36	14.32	cps
Gadolinium	160-2	90	77	57	74	22.53	cps
Gadolinium	160-1	125	200	217	181	27.04	cps
Holmium	165-2	9176911	9083527	9209404	9156614	0.71	cps
Holmium	165-1	18120768	18396767	18547082	18354872	1.18	cps
Indium	115-1	15284810	15261929	15420693	15322478	0.56	cps
Indium	115-2	2836905	2837717	2859063	2844562	0.44	cps
Iron	56-2	109857233	110883822	111837716	110859590	0.89	cps
Iron	57-2	2732095	2728249	2751912	2737419	0.46	cps
Lead	206-1	6228229	6223968	6223186	6225128	0.04	cps
Lead	207-1	5740377	5745443	5758035	5747951	0.16	cps
Lead	208-1	25449427	25628956	25511707	25530030	0.36	cps
Lithium	6-1	1936660	1914736	1934686	1928694	0.63	cps
Magnesium	24-2	19369358	19116624	19364142	19283375	0.75	cps
Manganese	55-2	2921976	2921499	2955569	2933015	0.67	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:39:23	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7539284	7535935	7441332	7505517	0.74	cps
Molybdenum	95-1	4039275	4008706	4008065	4018682	0.44	cps
Molybdenum	96-1	5198869	5154714	5205888	5186490	0.53	cps
Molybdenum	97-1	2491676	2463407	2494407	2483163	0.69	cps
Molybdenum	98-1	6518755	6448458	6562462	6509892	0.88	cps
Neodymium	150-1	620	520	633	591	10.48	cps
Neodymium	150-2	73	83	70	76	9.19	cps
Nickel	60-2	1176134	1172011	1188585	1178910	0.73	cps
Phosphorus	31-2	89501	90037	91698	90412	1.27	cps
Potassium	39-2	9567885	9504530	9602616	9558344	0.52	cps
Rhodium	103-2	6699961	6686765	6658781	6681836	0.31	cps
Rhodium	103-1	14256849	14003418	14228965	14163077	0.98	cps
Scandium	45-1	9875925	9815055	9947240	9879407	0.67	cps
Scandium	45-2	453372	454443	458060	455292	0.54	cps
Selenium	77-2	6208	5828	6318	6118	4.20	cps
Selenium	78-2	19771	19962	20049	19927	0.71	cps
Selenium	82-1	134444	134356	135720	134840	0.57	cps
Silicon	28-1	5282373	5276029	5363533	5307312	0.92	cps
Silver	109-1	9921603	10064301	9910932	9965612	0.86	cps
Silver	107-1	10403847	10349905	10642060	10465271	1.49	cps
Sodium	23-2	38160177	38229381	38421847	38270468	0.35	cps
Strontium	86-1	3027589	3034594	3052580	3038254	0.42	cps
Strontium	88-1	26172601	26510886	26573746	26419078	0.82	cps
Sulfur	34-1	1752482	1750964	1750692	1751379	0.06	cps
Terbium	159-1	19106289	19360134	19235689	19234037	0.66	cps
Terbium	159-2	9006634	9169133	9276913	9150894	1.49	cps
Thallium	203-1	7691480	7691439	7865957	7749625	1.30	cps
Thallium	205-1	18404077	18384460	18502465	18430334	0.34	cps
Tin	118-1	6838850	6756236	6842319	6812468	0.72	cps
Titanium	47-1	1206648	1208288	1221477	1212138	0.67	cps
Uranium	238-1	26745725	26866390	26795647	26802587	0.23	cps
Vanadium	51-2	2165500	2175541	2185239	2175427	0.45	cps
Yttrium	89-2	2206422	2214851	2225078	2215450	0.42	cps
Yttrium	89-1	15795159	15917535	15918706	15877133	0.45	cps
Zinc	66-2	901185	900363	903383	901643	0.17	cps
Zirconium	90-1	14513881	14490706	14421822	14475470	0.33	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3184486	3213513	3219549	3205849	0.58	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:42:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2937487	2920134	2941309	2932977	0.38	cps
Antimony	121-1	16422660	16488181	16453752	16454864	0.20	cps
Arsenic	75-2	603394	606299	602795	604163	0.31	cps
Barium	135-1	19212300	19312329	19459758	19328129	0.64	cps
Barium	137-1	33282941	33494807	33360683	33379477	0.32	cps
Beryllium	9-1	3009114	2967618	2954729	2977154	0.95	cps
Bismuth	209-1	11834394	11880830	11701936	11805720	0.79	cps
Bismuth	209-2	7127739	7124437	7052237	7101471	0.60	cps
Boron	10-1	438176	443887	439374	440479	0.68	cps
Boron	11-1	2143658	2140945	2131247	2138617	0.31	cps
Cadmium	106-1	464437	471617	469063	468373	0.78	cps
Cadmium	108-1	307226	312724	309503	309818	0.89	cps
Cadmium	111-1	4160024	4215533	4202291	4192616	0.69	cps
Calcium	43-1	4903206	4938596	4913330	4918377	0.37	cps
Calcium	44-1	78782389	79278450	78730333	78930391	0.38	cps
Chromium	52-2	5383123	5341710	5313865	5346233	0.65	cps
Cobalt	59-2	8768527	8687725	8638171	8698141	0.76	cps
Copper	63-2	12602623	12429444	12438005	12490024	0.78	cps
Dysprosium	156-2	57	60	53	57	5.89	cps
Dysprosium	156-1	258	217	317	264	19.03	cps
Erbium	164-1	133	117	117	122	7.87	cps
Erbium	164-2	43	67	43	51	26.37	cps
Gadolinium	160-2	90	70	70	77	15.06	cps
Gadolinium	160-1	150	175	108	144	23.32	cps
Holmium	165-2	9084568	9111679	8999491	9065246	0.65	cps
Holmium	165-1	18379114	18125687	18191266	18232022	0.72	cps
Indium	115-1	15174812	15186123	15062272	15141069	0.45	cps
Indium	115-2	2742475	2768824	2766890	2759396	0.53	cps
Iron	56-2	219170516	218676838	217167794	218338383	0.48	cps
Iron	57-2	5431409	5397768	5375907	5401695	0.52	cps
Lead	206-1	12211310	12228190	12018492	12152664	0.96	cps
Lead	207-1	11399194	11413666	11301834	11371565	0.53	cps
Lead	208-1	50142470	50390047	49878724	50137080	0.51	cps
Lithium	6-1	1861106	1820849	1792770	1824908	1.88	cps
Magnesium	24-2	38520880	38054822	38161382	38245695	0.64	cps
Manganese	55-2	5771755	5745869	5686457	5734693	0.76	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:42:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14869558	15039911	15049264	14986244	0.68	cps
Molybdenum	95-1	7986323	8018642	8001354	8002107	0.20	cps
Molybdenum	96-1	10480109	10482842	10599785	10520912	0.65	cps
Molybdenum	97-1	4960691	4977105	4966701	4968165	0.17	cps
Molybdenum	98-1	13115023	12906062	12869863	12963649	1.02	cps
Neodymium	150-1	1147	1073	1020	1080	5.89	cps
Neodymium	150-2	113	103	90	102	11.45	cps
Nickel	60-2	2282373	2270491	2274797	2275887	0.26	cps
Phosphorus	31-2	179568	177189	176617	177791	0.88	cps
Potassium	39-2	19004765	19147347	18840575	18997563	0.81	cps
Rhodium	103-2	6543158	6548151	6551263	6547524	0.06	cps
Rhodium	103-1	13946404	13753683	13764220	13821436	0.78	cps
Scandium	45-1	9799354	9923372	9860691	9861139	0.63	cps
Scandium	45-2	460675	456798	452629	456701	0.88	cps
Selenium	77-2	11672	11798	11668	11713	0.63	cps
Selenium	78-2	39353	39097	39537	39329	0.56	cps
Selenium	82-1	260156	263267	262775	262066	0.64	cps
Silicon	28-1	9571505	9620934	9600946	9597795	0.26	cps
Silver	109-1	19265416	19795765	19566042	19542407	1.36	cps
Silver	107-1	20274584	20426561	20008950	20236699	1.04	cps
Sodium	23-2	76662725	76877873	76421283	76653960	0.30	cps
Strontium	86-1	6060489	6101296	6160543	6107443	0.82	cps
Strontium	88-1	52312181	52685631	52769732	52589182	0.46	cps
Sulfur	34-1	2568222	2591202	2585947	2581790	0.47	cps
Terbium	159-1	19160971	19084393	18852143	19032502	0.84	cps
Terbium	159-2	9020356	9067552	8943546	9010485	0.69	cps
Thallium	203-1	15039772	14963848	14878341	14960654	0.54	cps
Thallium	205-1	36145788	36190749	35619033	35985190	0.88	cps
Tin	118-1	13463978	13541376	13427251	13477535	0.43	cps
Titanium	47-1	2376474	2414822	2410098	2400464	0.87	cps
Uranium	238-1	52926390	53029603	52916792	52957595	0.12	cps
Vanadium	51-2	4389073	4352858	4348437	4363456	0.51	cps
Yttrium	89-2	2205608	2198791	2202826	2202409	0.16	cps
Yttrium	89-1	15960152	15946282	16044091	15983508	0.33	cps
Zinc	66-2	1750687	1746906	1746310	1747967	0.14	cps
Zirconium	90-1	28610773	28912066	28683707	28735515	0.55	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:42:53	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6370562	6471906	6402718	6415062	0.81	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:46:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15214412	15344674	15304212	15287766	0.44	cps
Antimony	121-1	77430	85168	93494	85364	9.41	cps
Arsenic	75-2	909	972	1033	972	6.39	cps
Barium	135-1	7969	7794	7227	7664	5.06	cps
Barium	137-1	13407	12756	12348	12837	4.16	cps
Beryllium	9-1	606	556	617	593	5.49	cps
Bismuth	209-1	10413762	10604891	10585843	10534832	1.00	cps
Bismuth	209-2	6444772	6488525	6464692	6465996	0.34	cps
Boron	10-1	10162	9295	8436	9298	9.28	cps
Boron	11-1	49657	46665	43756	46693	6.32	cps
Cadmium	106-1	5401	5076	5601	5360	4.94	cps
Cadmium	108-1	75	83	75	78	6.19	cps
Cadmium	111-1	422	355	219	332	31.18	cps
Calcium	43-1	23747098	24222503	24458653	24142751	1.50	cps
Calcium	44-1	387667400	390806159	393357334	390610298	0.73	cps
Chromium	52-2	120776	120860	120067	120568	0.36	cps
Cobalt	59-2	11221	10931	11068	11073	1.31	cps
Copper	63-2	21823	21817	21660	21766	0.43	cps
Dysprosium	156-2	110	127	90	109	16.86	cps
Dysprosium	156-1	300	242	267	269	10.86	cps
Erbium	164-1	125	100	158	128	22.90	cps
Erbium	164-2	70	83	97	83	16.00	cps
Gadolinium	160-2	157	173	177	169	6.34	cps
Gadolinium	160-1	333	283	225	281	19.33	cps
Holmium	165-2	9014574	9041893	8998789	9018419	0.24	cps
Holmium	165-1	17222338	17227551	17468280	17306056	0.81	cps
Indium	115-1	14218724	14505074	14597157	14440319	1.37	cps
Indium	115-2	2791359	2803752	2806343	2800485	0.29	cps
Iron	56-2	1097755713	1106069491	1111870114	1105231773	0.64	cps
Iron	57-2	27308206	27279321	27616513	27401347	0.68	cps
Lead	206-1	21512	21612	21546	21557	0.24	cps
Lead	207-1	17990	18391	17562	17981	2.31	cps
Lead	208-1	83320	85063	84413	84265	1.05	cps
Lithium	6-1	1660386	1687591	1683399	1677125	0.87	cps
Magnesium	24-2	192406454	193149992	194860288	193472245	0.65	cps
Manganese	55-2	22614	22544	22865	22674	0.74	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:46:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	24881	26776	30033	27230	9.57	cps
Molybdenum	95-1	38169	41144	44997	41437	8.26	cps
Molybdenum	96-1	47522	51461	55542	51508	7.79	cps
Molybdenum	97-1	23612	24572	28838	25674	10.84	cps
Molybdenum	98-1	60103	66531	72100	66245	9.06	cps
Neodymium	150-1	160	213	307	227	32.75	cps
Neodymium	150-2	100	57	93	83	28.00	cps
Nickel	60-2	28448	28287	28264	28333	0.35	cps
Phosphorus	31-2	425	483	333	414	18.27	cps
Potassium	39-2	98446690	100130529	100363908	99647043	1.05	cps
Rhodium	103-2	6190643	6270438	6218702	6226594	0.65	cps
Rhodium	103-1	12757254	12762476	12861930	12793887	0.46	cps
Scandium	45-1	9499525	9655096	9636724	9597115	0.89	cps
Scandium	45-2	465718	468373	468564	467552	0.34	cps
Selenium	77-2	13	23	37	24	47.91	cps
Selenium	78-2	196	243	224	221	10.55	cps
Selenium	82-1	705	202	217	375	76.27	cps
Silicon	28-1	1617120	1700381	1717234	1678245	3.19	cps
Silver	109-1	3826	3659	3742	3742	2.23	cps
Silver	107-1	4034	4251	4009	4098	3.24	cps
Sodium	23-2	382045017	383443884	379149458	381546120	0.57	cps
Strontium	86-1	169286	169094	170509	169630	0.45	cps
Strontium	88-1	1434398	1432053	1437943	1434798	0.21	cps
Sulfur	34-1	795677	797639	794142	795819	0.22	cps
Terbium	159-1	17965106	18220197	18018318	18067873	0.74	cps
Terbium	159-2	8863913	8974082	8964582	8934192	0.68	cps
Thallium	203-1	6477	6635	5902	6338	6.09	cps
Thallium	205-1	16219	14992	13941	15051	7.57	cps
Tin	118-1	14133	15017	17395	15515	10.87	cps
Titanium	47-1	2751	3412	15373	7179	98.96	cps
Uranium	238-1	14200	14233	12982	13805	5.16	cps
Vanadium	51-2	1527	1567	1493	1529	2.40	cps
Yttrium	89-2	2214060	2259396	2245483	2239646	1.04	cps
Yttrium	89-1	15239241	15238369	15312184	15263265	0.28	cps
Zinc	66-2	16780	16670	17013	16821	1.04	cps
Zirconium	90-1	8419	9695	9812	9309	8.30	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:46:21	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1884	1975	1984	1947	2.85	cps

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 16:50:05 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81740	82922	83022	82561	0.86	cps
Antimony	121-1	3283133	3242734	3192857	3239575	1.40	cps
Arsenic	75-2	133683	134627	135046	134452	0.52	cps
Barium	135-1	402914	405424	407672	405337	0.59	cps
Barium	137-1	705548	704264	710819	706877	0.49	cps
Beryllium	9-1	304750	306103	307130	305995	0.39	cps
Bismuth	209-1	12665216	12499642	12441960	12535606	0.92	cps
Bismuth	209-2	7729131	7659418	7786256	7724935	0.82	cps
Boron	10-1	253213	249642	253143	252000	0.81	cps
Boron	11-1	1224626	1227612	1238730	1230323	0.60	cps
Cadmium	106-1	99557	98274	98081	98637	0.81	cps
Cadmium	108-1	49917	48813	49323	49351	1.12	cps
Cadmium	111-1	467699	467846	464779	466775	0.37	cps
Calcium	43-1	121732	123974	125522	123743	1.54	cps
Calcium	44-1	1916042	1907473	1921505	1915007	0.37	cps
Chromium	52-2	572668	573466	584458	576864	1.14	cps
Cobalt	59-2	970803	974145	982245	975731	0.60	cps
Copper	63-2	710362	710534	714978	711958	0.37	cps
Dysprosium	156-2	7	7	17	10	57.72	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Erbium	164-1	158	192	175	175	9.53	cps
Erbium	164-2	73	83	97	84	13.86	cps
Gadolinium	160-2	43	70	70	61	25.20	cps
Gadolinium	160-1	83	158	117	119	31.46	cps
Holmium	165-2	9670968	9495057	9634401	9600142	0.97	cps
Holmium	165-1	18695723	18675311	18728676	18699904	0.14	cps
Indium	115-1	16632255	16483538	16226460	16447418	1.25	cps
Indium	115-2	3089312	3087741	3127152	3101402	0.72	cps
Iron	56-2	4903442	4850958	4888516	4880972	0.55	cps
Iron	57-2	119640	119858	120602	120033	0.42	cps
Lead	206-1	2608095	2600472	2582618	2597062	0.50	cps
Lead	207-1	2319990	2277322	2282244	2293185	1.02	cps
Lead	208-1	10647705	10482091	10470197	10533331	0.94	cps
Lithium	6-1	1896708	1888489	1894896	1893364	0.23	cps
Magnesium	24-2	518416	516590	514708	516571	0.36	cps
Manganese	55-2	316252	317989	318284	317508	0.35	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:50:05	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8203622	8167469	8243235	8204775	0.46	cps
Molybdenum	95-1	4378705	4347708	4351631	4359348	0.39	cps
Molybdenum	96-1	5744280	5794807	5730351	5756479	0.59	cps
Molybdenum	97-1	2697095	2698331	2705714	2700380	0.17	cps
Molybdenum	98-1	7147048	7123601	7104916	7125188	0.30	cps
Neodymium	150-1	20	40	33	31	32.73	cps
Neodymium	150-2	3	17	0	7	132.33	cps
Nickel	60-2	261916	262343	263779	262679	0.37	cps
Phosphorus	31-2	325	275	308	303	8.41	cps
Potassium	39-2	922767	916074	918102	918981	0.37	cps
Rhodium	103-2	7388585	7301511	7387175	7359090	0.68	cps
Rhodium	103-1	15515119	15475763	15464634	15485172	0.17	cps
Scandium	45-1	10682580	10602763	10737618	10674320	0.64	cps
Scandium	45-2	500311	496770	499089	498723	0.36	cps
Selenium	77-2	2690	2640	2617	2649	1.41	cps
Selenium	78-2	8942	9018	9114	9024	0.96	cps
Selenium	82-1	58495	57791	58329	58205	0.63	cps
Silicon	28-1	5470641	5521081	5519088	5503603	0.52	cps
Silver	109-1	2153438	2142332	2141254	2145675	0.31	cps
Silver	107-1	2251645	2233921	2230233	2238600	0.51	cps
Sodium	23-2	1784158	1766192	1768177	1772842	0.56	cps
Strontium	86-1	2931712	2947618	2935312	2938214	0.28	cps
Strontium	88-1	25737519	25519826	25603829	25620391	0.43	cps
Sulfur	34-1	833556	836382	846160	838699	0.79	cps
Terbium	159-1	19724424	19615404	19461837	19600555	0.67	cps
Terbium	159-2	9490574	9587544	9633096	9570405	0.76	cps
Thallium	203-1	3212557	3199776	3205039	3205791	0.20	cps
Thallium	205-1	7661901	7683302	7608193	7651132	0.51	cps
Tin	118-1	7497474	7393597	7377179	7422750	0.88	cps
Titanium	47-1	1323167	1311453	1326592	1320404	0.60	cps
Uranium	238-1	27074547	27315450	27322660	27237552	0.52	cps
Vanadium	51-2	471198	469660	474182	471680	0.49	cps
Yttrium	89-2	2387375	2402532	2415965	2401957	0.60	cps
Yttrium	89-1	17081902	16991381	17109624	17060969	0.36	cps
Zinc	66-2	201630	199550	201081	200754	0.54	cps
Zirconium	90-1	15901959	15642806	15806990	15783918	0.83	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:50:05	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3478790	3436944	3435259	3450331	0.71	cps

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 16:56:54 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	283	150	206	33.76	cps
Antimony	121-1	15092	19781	23312	19395	21.26	cps
Arsenic	75-2	167	176	220	188	15.30	cps
Barium	135-1	75	117	158	117	35.72	cps
Barium	137-1	108	175	175	153	25.19	cps
Beryllium	9-1	111	111	111	111	0.00	cps
Bismuth	209-1	12362812	12549827	12609695	12507445	1.03	cps
Bismuth	209-2	7732559	7689100	7753833	7725164	0.43	cps
Boron	10-1	2475	2325	2300	2367	4.00	cps
Boron	11-1	11847	11647	10679	11391	5.48	cps
Cadmium	106-1	5951	5801	5493	5749	4.07	cps
Cadmium	108-1	17	29	21	22	28.64	cps
Cadmium	111-1	-553	-524	-497	-525	-5.36	cps
Calcium	43-1	783	625	658	689	12.12	cps
Calcium	44-1	32445	31944	32554	32314	1.01	cps
Chromium	52-2	1047	1057	967	1023	4.82	cps
Cobalt	59-2	120	97	73	97	24.14	cps
Copper	63-2	4117	4354	3997	4156	4.37	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Erbium	164-1	58	33	92	61	47.89	cps
Erbium	164-2	27	13	47	29	58.08	cps
Gadolinium	160-2	70	53	67	63	13.93	cps
Gadolinium	160-1	200	150	142	164	19.25	cps
Holmium	165-2	9509772	9509874	9464723	9494789	0.27	cps
Holmium	165-1	18352630	18718725	18450789	18507381	1.02	cps
Indium	115-1	16299093	16622428	16529533	16483685	1.01	cps
Indium	115-2	3075537	3046369	3086089	3069332	0.67	cps
Iron	56-2	13240	13229	13540	13336	1.32	cps
Iron	57-2	250	278	289	272	7.36	cps
Lead	206-1	2122	2167	2195	2161	1.69	cps
Lead	207-1	2067	2000	1922	1997	3.62	cps
Lead	208-1	8829	8779	8907	8838	0.73	cps
Lithium	6-1	1811474	1838475	1848560	1832836	1.05	cps
Magnesium	24-2	1100	817	1025	981	14.97	cps
Manganese	55-2	43	67	90	67	35.00	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:56:54	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2125	2859	3234	2739	20.58	cps
Molybdenum	95-1	2684	3626	5176	3829	32.87	cps
Molybdenum	96-1	3142	4376	5426	4315	26.50	cps
Molybdenum	97-1	1700	2209	3017	2309	28.77	cps
Molybdenum	98-1	4092	6177	7928	6066	31.65	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	67	127	70	88	38.42	cps
Phosphorus	31-2	283	283	358	308	14.04	cps
Potassium	39-2	63286	63060	62557	62968	0.59	cps
Rhodium	103-2	7399201	7298276	7360008	7352495	0.69	cps
Rhodium	103-1	15356085	15386410	15462993	15401829	0.36	cps
Scandium	45-1	10564894	10564802	10469401	10533032	0.52	cps
Scandium	45-2	483354	482815	483868	483345	0.11	cps
Selenium	77-2	17	7	10	11	45.82	cps
Selenium	78-2	139	170	154	154	10.21	cps
Selenium	82-1	-247	32	371	52	592.39	cps
Silicon	28-1	680806	670537	674912	675419	0.76	cps
Silver	109-1	400	250	433	361	27.04	cps
Silver	107-1	383	342	442	389	12.92	cps
Sodium	23-2	70750	72341	69722	70938	1.86	cps
Strontium	86-1	5676	5885	5760	5774	1.82	cps
Strontium	88-1	767	817	733	772	5.43	cps
Sulfur	34-1	828388	824549	828109	827015	0.26	cps
Terbium	159-1	19130656	19502720	19689164	19440847	1.46	cps
Terbium	159-2	9543659	9354974	9526049	9474894	1.10	cps
Thallium	203-1	1017	792	883	897	12.61	cps
Thallium	205-1	2042	1767	2017	1942	7.83	cps
Tin	118-1	3000	3442	3859	3434	12.50	cps
Titanium	47-1	292	308	292	297	3.24	cps
Uranium	238-1	533	450	575	519	12.25	cps
Vanadium	51-2	33	53	20	36	47.19	cps
Yttrium	89-2	2389093	2339684	2384022	2370933	1.15	cps
Yttrium	89-1	16688730	16991807	17231234	16970590	1.60	cps
Zinc	66-2	413	787	360	520	44.71	cps
Zirconium	90-1	1834	1709	1967	1836	7.04	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 16:56:54	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	367	517	403	25.03	cps

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 17:00:24 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14380085	14559939	14442202	14460742	0.63	cps
Antimony	121-1	27553	27962	30542	28686	5.65	cps
Arsenic	75-2	291	231	274	265	11.51	cps
Barium	135-1	5668	5385	5510	5521	2.57	cps
Barium	137-1	9929	10354	10680	10321	3.65	cps
Beryllium	9-1	828	906	895	876	4.80	cps
Bismuth	209-1	11969258	11871160	11601359	11813926	1.61	cps
Bismuth	209-2	7168951	7187246	7205454	7187217	0.25	cps
Boron	10-1	1909	1700	2042	1884	9.14	cps
Boron	11-1	10704	9795	9820	10107	5.12	cps
Cadmium	106-1	5776	5485	5301	5521	4.34	cps
Cadmium	108-1	4267	4297	4097	4220	2.56	cps
Cadmium	111-1	6895	6463	6336	6565	4.46	cps
Calcium	43-1	5006890	5029911	4991913	5009571	0.38	cps
Calcium	44-1	80409316	80400212	79454935	80088155	0.68	cps
Chromium	52-2	108083	109180	107639	108301	0.73	cps
Cobalt	59-2	10577	10367	10564	10503	1.12	cps
Copper	63-2	57854	58831	57385	58023	1.27	cps
Dysprosium	156-2	30	43	27	33	26.45	cps
Dysprosium	156-1	75	67	50	64	19.92	cps
Erbium	164-1	108	117	133	119	10.66	cps
Erbium	164-2	67	67	57	63	9.12	cps
Gadolinium	160-2	70	87	83	80	11.02	cps
Gadolinium	160-1	167	108	125	133	22.53	cps
Holmium	165-2	9371819	9423880	9496923	9430874	0.67	cps
Holmium	165-1	18647198	18807758	18628934	18694630	0.53	cps
Indium	115-1	15961052	15679568	15858585	15833068	0.90	cps
Indium	115-2	2940841	2953421	2958979	2951080	0.31	cps
Iron	56-2	444676032	444603332	441953043	443744136	0.35	cps
Iron	57-2	10982240	11072960	11020262	11025154	0.41	cps
Lead	206-1	57051	56426	56704	56727	0.55	cps
Lead	207-1	46331	45317	45094	45580	1.45	cps
Lead	208-1	217534	213884	216550	215989	0.87	cps
Lithium	6-1	1823515	1803855	1801861	1809744	0.66	cps
Magnesium	24-2	38515943	38584670	38740911	38613841	0.30	cps
Manganese	55-2	23362	23412	22648	23141	1.85	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:00:24	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9150443	8992826	9005247	9049505	0.97	cps
Molybdenum	95-1	16205884	15957872	15936305	16033353	0.93	cps
Molybdenum	96-1	17494566	17428144	17465771	17462827	0.19	cps
Molybdenum	97-1	10111587	10119982	10042546	10091372	0.42	cps
Molybdenum	98-1	26135129	25834534	25549719	25839794	1.13	cps
Neodymium	150-1	73	60	60	64	11.95	cps
Neodymium	150-2	40	50	23	38	35.67	cps
Nickel	60-2	12856	12876	12949	12894	0.38	cps
Phosphorus	31-2	895976	900926	891876	896259	0.51	cps
Potassium	39-2	39071948	38717585	38821365	38870299	0.47	cps
Rhodium	103-2	6842095	6855529	6874107	6857244	0.23	cps
Rhodium	103-1	14464406	14331045	14301241	14365564	0.60	cps
Scandium	45-1	10316449	10347127	10239820	10301132	0.54	cps
Scandium	45-2	474296	474188	477195	475226	0.36	cps
Selenium	77-2	3	3	17	8	99.04	cps
Selenium	78-2	156	107	154	139	19.64	cps
Selenium	82-1	182	59	7	82	108.63	cps
Silicon	28-1	886757	887630	885243	886543	0.14	cps
Silver	109-1	2492	2892	3634	3006	19.28	cps
Silver	107-1	2342	3426	3376	3048	20.07	cps
Sodium	23-2	77712010	77380860	77207377	77433416	0.33	cps
Strontium	86-1	187828	185264	184235	185776	1.00	cps
Strontium	88-1	1563641	1568171	1550930	1560914	0.57	cps
Sulfur	34-1	6885537	6874789	6813326	6857884	0.57	cps
Terbium	159-1	19435186	19287075	19442191	19388151	0.45	cps
Terbium	159-2	9285601	9394004	9298789	9326132	0.63	cps
Thallium	203-1	1092	1067	1033	1064	2.75	cps
Thallium	205-1	2984	2725	3151	2953	7.25	cps
Tin	118-1	4251	4067	4276	4198	2.71	cps
Titanium	47-1	4905870	4934304	4834945	4891706	1.05	cps
Uranium	238-1	2109	2200	1967	2092	5.62	cps
Vanadium	51-2	883	757	853	831	7.96	cps
Yttrium	89-2	2297565	2338603	2321049	2319072	0.89	cps
Yttrium	89-1	16748886	16728086	16677967	16718313	0.22	cps
Zinc	66-2	10784	10424	11101	10770	3.15	cps
Zirconium	90-1	6810	7119	7744	7224	6.59	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:00:24	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1484	1483	1742	1570	9.50	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:03:49	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14481299	14551650	14573558	14535502	0.33	cps
Antimony	121-1	336631	331797	331832	333420	0.83	cps
Arsenic	75-2	12472	12429	12600	12501	0.71	cps
Barium	135-1	84448	82570	83626	83548	1.13	cps
Barium	137-1	145321	146054	145954	145776	0.27	cps
Beryllium	9-1	57905	58625	57414	57981	1.05	cps
Bismuth	209-1	11681544	11875336	11813063	11789981	0.84	cps
Bismuth	209-2	7230646	7264441	7152488	7215858	0.80	cps
Boron	10-1	24838	24220	24612	24557	1.27	cps
Boron	11-1	119940	118805	119604	119450	0.49	cps
Cadmium	106-1	17011	17779	17862	17550	2.67	cps
Cadmium	108-1	11584	11605	11180	11456	2.09	cps
Cadmium	111-1	89409	89904	90702	90005	0.72	cps
Calcium	43-1	4950352	5032445	5011080	4997959	0.85	cps
Calcium	44-1	80236573	81593000	80540079	80789884	0.88	cps
Chromium	52-2	217334	215230	217405	216656	0.57	cps
Cobalt	59-2	188693	189166	188059	188639	0.29	cps
Copper	63-2	188720	186941	187420	187694	0.49	cps
Dysprosium	156-2	20	30	40	30	33.33	cps
Dysprosium	156-1	58	75	92	75	22.22	cps
Erbium	164-1	108	108	92	103	9.36	cps
Erbium	164-2	53	50	57	53	6.25	cps
Gadolinium	160-2	87	80	63	77	15.68	cps
Gadolinium	160-1	158	200	200	186	12.93	cps
Holmium	165-2	9552118	9469518	9329563	9450400	1.19	cps
Holmium	165-1	18613057	18592091	18560189	18588445	0.14	cps
Indium	115-1	15924889	16047818	16084502	16019070	0.52	cps
Indium	115-2	2962342	2955725	2956153	2958073	0.13	cps
Iron	56-2	440590610	441384488	438552376	440175825	0.33	cps
Iron	57-2	11018798	11042611	10865283	10975564	0.88	cps
Lead	206-1	297581	298137	296746	297488	0.24	cps
Lead	207-1	251964	253060	250350	251791	0.54	cps
Lead	208-1	1166062	1173177	1160070	1166436	0.56	cps
Lithium	6-1	1802087	1815326	1806332	1807915	0.37	cps
Magnesium	24-2	38538502	38620733	39052801	38737345	0.71	cps
Manganese	55-2	83194	82966	82228	82796	0.61	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:03:49	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9929424	9904421	9899472	9911105	0.16	cps
Molybdenum	95-1	16478843	16245380	16540987	16421737	0.95	cps
Molybdenum	96-1	18046156	17960280	18067229	18024555	0.31	cps
Molybdenum	97-1	10437513	10293438	10423291	10384747	0.76	cps
Molybdenum	98-1	27055069	26668864	26995943	26906626	0.77	cps
Neodymium	150-1	120	100	107	109	9.36	cps
Neodymium	150-2	47	23	53	41	38.32	cps
Nickel	60-2	59025	59229	59370	59208	0.29	cps
Phosphorus	31-2	896356	905845	896749	899650	0.60	cps
Potassium	39-2	39280607	39225237	39177681	39227842	0.13	cps
Rhodium	103-2	6909652	6888993	6879571	6892739	0.22	cps
Rhodium	103-1	14553862	14476437	14736170	14588823	0.91	cps
Scandium	45-1	10539723	10491768	10386906	10472799	0.75	cps
Scandium	45-2	479991	480062	479800	479951	0.03	cps
Selenium	77-2	220	233	263	239	9.29	cps
Selenium	78-2	894	932	906	911	2.09	cps
Selenium	82-1	5436	5321	4979	5245	4.54	cps
Silicon	28-1	1523115	1527459	1526546	1525707	0.15	cps
Silver	109-1	380560	377051	381271	379627	0.60	cps
Silver	107-1	399200	389923	396623	395249	1.21	cps
Sodium	23-2	76955845	77649506	77370548	77325300	0.45	cps
Strontium	86-1	466393	464398	465372	465388	0.21	cps
Strontium	88-1	4034545	4019442	4017346	4023778	0.23	cps
Sulfur	34-1	6909576	6894673	6914528	6906259	0.15	cps
Terbium	159-1	19453695	19418904	19477852	19450150	0.15	cps
Terbium	159-2	9396137	9468598	9354177	9406304	0.62	cps
Thallium	203-1	294496	294403	292765	293888	0.33	cps
Thallium	205-1	715836	707302	712883	712007	0.61	cps
Tin	118-1	699017	693250	697174	696480	0.42	cps
Titanium	47-1	5061695	5073014	5020720	5051810	0.54	cps
Uranium	238-1	2625186	2659600	2637087	2640624	0.66	cps
Vanadium	51-2	88416	87833	89000	88416	0.66	cps
Yttrium	89-2	2327439	2333700	2334509	2331883	0.17	cps
Yttrium	89-1	16890504	16735045	16908469	16844673	0.57	cps
Zinc	66-2	29497	29219	29413	29376	0.48	cps
Zirconium	90-1	1518654	1499880	1505662	1508065	0.64	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:03:49	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	332653	332946	333116	332905	0.07	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:07:15	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1558963	1574839	1570916	1568239	0.53	cps
Antimony	121-1	8611328	8416350	8258244	8428640	2.10	cps
Arsenic	75-2	325235	325816	324844	325298	0.15	cps
Barium	135-1	10160683	10149585	10012997	10107755	0.81	cps
Barium	137-1	17359829	17530643	17291423	17393965	0.71	cps
Beryllium	9-1	1516507	1492284	1489326	1499372	0.99	cps
Bismuth	209-1	12178618	12248841	12033717	12153725	0.90	cps
Bismuth	209-2	7402407	7452494	7305710	7386870	1.01	cps
Boron	10-1	215879	216052	215372	215767	0.16	cps
Boron	11-1	1041656	1052942	1059768	1051455	0.87	cps
Cadmium	106-1	256127	253505	255712	255114	0.55	cps
Cadmium	108-1	164066	165424	164694	164728	0.41	cps
Cadmium	111-1	2227485	2227837	2231845	2229056	0.11	cps
Calcium	43-1	2602828	2584257	2594686	2593924	0.36	cps
Calcium	44-1	42554056	42076828	42199310	42276732	0.59	cps
Chromium	52-2	2887874	2874895	2901174	2887981	0.45	cps
Cobalt	59-2	4682233	4693546	4657361	4677714	0.40	cps
Copper	63-2	6920518	6866808	6735417	6840914	1.39	cps
Dysprosium	156-2	20	30	23	24	20.83	cps
Dysprosium	156-1	217	158	150	175	20.76	cps
Erbium	164-1	100	75	117	97	21.57	cps
Erbium	164-2	63	23	33	40	52.05	cps
Gadolinium	160-2	63	63	73	67	8.66	cps
Gadolinium	160-1	117	250	158	175	38.98	cps
Holmium	165-2	9476044	9483000	9332651	9430565	0.90	cps
Holmium	165-1	18606475	18748082	18812101	18722219	0.56	cps
Indium	115-1	16253648	16370076	16234282	16286002	0.45	cps
Indium	115-2	2998706	3030786	3000351	3009948	0.60	cps
Iron	56-2	117834764	118113017	117934855	117960879	0.12	cps
Iron	57-2	2889727	2894710	2891927	2892121	0.09	cps
Lead	206-1	6249507	6214377	6129646	6197843	0.99	cps
Lead	207-1	5755952	5747893	5711842	5738562	0.41	cps
Lead	208-1	25635823	25358259	25436856	25476980	0.56	cps
Lithium	6-1	1838265	1834691	1818692	1830549	0.57	cps
Magnesium	24-2	20617800	20907633	20508849	20678094	1.00	cps
Manganese	55-2	3131394	3112723	3131399	3125172	0.34	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:07:15	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7910469	7807693	7911181	7876448	0.76	cps
Molybdenum	95-1	4248558	4203910	4213799	4222089	0.56	cps
Molybdenum	96-1	5578678	5554336	5603615	5578876	0.44	cps
Molybdenum	97-1	2635785	2594569	2613173	2614509	0.79	cps
Molybdenum	98-1	7015965	6890369	6940345	6948893	0.91	cps
Neodymium	150-1	600	627	547	591	6.89	cps
Neodymium	150-2	30	40	47	39	21.57	cps
Nickel	60-2	1233662	1244282	1238332	1238759	0.43	cps
Phosphorus	31-2	96092	93846	95782	95240	1.28	cps
Potassium	39-2	10318566	10373522	10393134	10361741	0.37	cps
Rhodium	103-2	7148580	7162615	7027443	7112879	1.04	cps
Rhodium	103-1	15092200	14866841	14917710	14958917	0.79	cps
Scandium	45-1	10648491	10531089	10565954	10581844	0.57	cps
Scandium	45-2	489078	491309	487801	489396	0.36	cps
Selenium	77-2	6365	6508	6188	6354	2.52	cps
Selenium	78-2	21605	21292	21605	21501	0.84	cps
Selenium	82-1	142977	142156	139523	141552	1.27	cps
Silicon	28-1	5498131	5482610	5474511	5485084	0.22	cps
Silver	109-1	10484272	10422119	10488659	10465017	0.36	cps
Silver	107-1	11060906	11065391	10965633	11030643	0.51	cps
Sodium	23-2	41163376	41451004	40992949	41202443	0.56	cps
Strontium	86-1	3244960	3210252	3217384	3224198	0.57	cps
Strontium	88-1	28069849	28212134	28130643	28137542	0.25	cps
Sulfur	34-1	1718657	1723342	1717435	1719811	0.18	cps
Terbium	159-1	19775008	19661411	19547981	19661467	0.58	cps
Terbium	159-2	9459677	9493207	9390671	9447852	0.55	cps
Thallium	203-1	7764799	7756716	7665521	7729012	0.71	cps
Thallium	205-1	18436906	18369638	18117741	18308095	0.92	cps
Tin	118-1	7188345	7138539	7151924	7159603	0.36	cps
Titanium	47-1	1272662	1272380	1266680	1270574	0.27	cps
Uranium	238-1	26647214	26687038	26426200	26586817	0.53	cps
Vanadium	51-2	2355345	2340067	2340228	2345213	0.37	cps
Yttrium	89-2	2352682	2376548	2334174	2354468	0.90	cps
Yttrium	89-1	16916677	17034784	16954881	16968780	0.36	cps
Zinc	66-2	951412	965089	942315	952938	1.20	cps
Zirconium	90-1	15240094	15257938	15254058	15250697	0.06	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:07:15	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3354676	3359248	3346495	3353473	0.19	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:12:57	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	150	133	156	16.37	cps
Antimony	121-1	19556	24489	29106	24384	19.59	cps
Arsenic	75-2	165	233	196	198	17.31	cps
Barium	135-1	150	108	75	111	33.82	cps
Barium	137-1	233	150	183	189	22.21	cps
Beryllium	9-1	161	106	94	120	29.67	cps
Bismuth	209-1	12745169	12749577	12510766	12668504	1.08	cps
Bismuth	209-2	7454836	7514128	7552758	7507241	0.66	cps
Boron	10-1	3659	3284	3659	3534	6.13	cps
Boron	11-1	17786	18137	17628	17850	1.46	cps
Cadmium	106-1	6052	6110	5760	5974	3.14	cps
Cadmium	108-1	33	17	21	24	36.73	cps
Cadmium	111-1	-547	-561	-528	-545	-3.03	cps
Calcium	43-1	617	700	592	636	8.92	cps
Calcium	44-1	31861	31844	31209	31638	1.17	cps
Chromium	52-2	970	880	990	947	6.19	cps
Cobalt	59-2	143	93	87	108	28.74	cps
Copper	63-2	6251	6468	6568	6429	2.52	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Erbium	164-1	75	75	50	67	21.65	cps
Erbium	164-2	33	50	13	32	56.98	cps
Gadolinium	160-2	47	40	43	43	7.70	cps
Gadolinium	160-1	125	133	117	125	6.67	cps
Holmium	165-2	9196224	9267186	9187312	9216907	0.47	cps
Holmium	165-1	18806649	18700122	18519952	18675575	0.78	cps
Indium	115-1	16679824	16532669	16442025	16551506	0.73	cps
Indium	115-2	2989934	3012132	2980819	2994295	0.54	cps
Iron	56-2	12795	12428	13568	12930	4.50	cps
Iron	57-2	294	294	211	267	18.04	cps
Lead	206-1	2039	2206	2295	2180	5.95	cps
Lead	207-1	2039	1989	1895	1974	3.72	cps
Lead	208-1	8690	9274	8746	8903	3.62	cps
Lithium	6-1	1887015	1872740	1856364	1872040	0.82	cps
Magnesium	24-2	633	617	692	647	6.09	cps
Manganese	55-2	73	80	63	72	11.62	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:12:57	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3301	3642	5318	4087	26.42	cps
Molybdenum	95-1	4426	6118	7994	6179	28.89	cps
Molybdenum	96-1	5210	6543	8261	6671	22.93	cps
Molybdenum	97-1	2642	3726	5268	3879	34.02	cps
Molybdenum	98-1	6952	9312	12614	9626	29.55	cps
Neodymium	150-1	40	7	7	18	108.23	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	80	80	93	84	9.12	cps
Phosphorus	31-2	300	300	375	325	13.32	cps
Potassium	39-2	63244	61913	60749	61969	2.01	cps
Rhodium	103-2	7277041	7375446	7233677	7295388	1.00	cps
Rhodium	103-1	15541062	15804064	15467862	15604329	1.13	cps
Scandium	45-1	10639655	10560422	10384503	10528194	1.24	cps
Scandium	45-2	474705	474657	471849	473737	0.35	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	161	154	141	152	6.79	cps
Selenium	82-1	88	86	13	62	68.62	cps
Silicon	28-1	649098	648555	645172	647608	0.33	cps
Silver	109-1	692	733	692	706	3.41	cps
Silver	107-1	883	892	883	886	0.54	cps
Sodium	23-2	63000	60188	60440	61209	2.54	cps
Strontium	86-1	6318	5935	5643	5965	5.68	cps
Strontium	88-1	783	858	717	786	9.02	cps
Sulfur	34-1	807409	806907	810900	808405	0.27	cps
Terbium	159-1	19645875	19642890	19647590	19645452	0.01	cps
Terbium	159-2	9278520	9200886	9123048	9200818	0.84	cps
Thallium	203-1	1008	950	933	964	4.09	cps
Thallium	205-1	2192	2242	2117	2184	2.88	cps
Tin	118-1	2600	3351	3709	3220	17.57	cps
Titanium	47-1	408	258	450	372	27.08	cps
Uranium	238-1	483	367	450	433	13.87	cps
Vanadium	51-2	40	40	50	43	13.32	cps
Yttrium	89-2	2289713	2301524	2281032	2290757	0.45	cps
Yttrium	89-1	17092433	16930625	16774837	16932632	0.94	cps
Zinc	66-2	400	357	350	369	7.36	cps
Zirconium	90-1	1867	1992	2425	2095	13.99	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:12:57	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	442	500	450	10.31	cps

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 17:16:26 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	83	175	144	36.64	cps
Antimony	121-1	6602	8178	9946	8242	20.30	cps
Arsenic	75-2	72	115	115	101	24.44	cps
Barium	135-1	67	83	50	67	25.00	cps
Barium	137-1	175	125	108	136	25.49	cps
Beryllium	9-1	72	78	106	85	20.97	cps
Bismuth	209-1	12638670	12653554	12536799	12609674	0.50	cps
Bismuth	209-2	7678928	7723201	7641547	7681225	0.53	cps
Boron	10-1	2059	2409	2009	2159	10.10	cps
Boron	11-1	10396	10304	10104	10268	1.45	cps
Cadmium	106-1	5968	5660	5743	5790	2.75	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Cadmium	111-1	-574	-543	-553	-557	-2.82	cps
Calcium	43-1	608	617	492	572	12.21	cps
Calcium	44-1	30708	30248	29247	30068	2.49	cps
Chromium	52-2	967	960	863	930	6.22	cps
Cobalt	59-2	120	137	93	117	18.73	cps
Copper	63-2	5991	5915	6075	5994	1.34	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	30	60	40	43	35.25	cps
Gadolinium	160-2	33	43	37	38	13.48	cps
Gadolinium	160-1	100	167	158	142	25.64	cps
Holmium	165-2	9444726	9322403	9242371	9336500	1.09	cps
Holmium	165-1	19018982	18859936	18753160	18877359	0.71	cps
Indium	115-1	16585251	16633118	16660131	16626167	0.23	cps
Indium	115-2	3021338	3015468	3005653	3014153	0.26	cps
Iron	56-2	9687	9909	9709	9768	1.25	cps
Iron	57-2	194	161	183	180	9.45	cps
Lead	206-1	1917	1834	1817	1856	2.89	cps
Lead	207-1	1817	1683	1845	1782	4.84	cps
Lead	208-1	7484	7901	7762	7716	2.75	cps
Lithium	6-1	1883567	1877278	1862381	1874408	0.58	cps
Magnesium	24-2	433	333	483	417	18.33	cps
Manganese	55-2	53	73	73	67	17.32	cps

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 17:16:26 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1734	2192	2900	2275	25.84	cps
Molybdenum	95-1	2009	3034	4059	3034	33.79	cps
Molybdenum	96-1	2325	3342	4092	3253	27.26	cps
Molybdenum	97-1	1350	2134	2542	2009	30.16	cps
Molybdenum	98-1	3601	4776	6185	4854	26.66	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	73	57	83	71	18.94	cps
Phosphorus	31-2	258	225	192	225	14.81	cps
Potassium	39-2	59696	61294	60139	60377	1.37	cps
Rhodium	103-2	7356769	7311989	7289178	7319312	0.47	cps
Rhodium	103-1	15515970	15537760	15548287	15534006	0.11	cps
Scandium	45-1	10600418	10568248	10625881	10598183	0.27	cps
Scandium	45-2	479756	480629	476696	479027	0.43	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	137	137	148	141	4.56	cps
Selenium	82-1	136	5	-238	-32	-588.36	cps
Silicon	28-1	639670	636637	637393	637900	0.25	cps
Silver	109-1	500	500	417	472	10.19	cps
Silver	107-1	717	567	542	608	15.56	cps
Sodium	23-2	56741	57821	56884	57149	1.03	cps
Strontium	86-1	6193	5910	6393	6165	3.94	cps
Strontium	88-1	558	700	617	625	11.39	cps
Sulfur	34-1	806059	798171	810180	804803	0.76	cps
Terbium	159-1	19640473	19467093	19714256	19607274	0.65	cps
Terbium	159-2	9238642	9361573	9391560	9330592	0.87	cps
Thallium	203-1	675	667	650	664	1.92	cps
Thallium	205-1	1358	1417	1375	1383	2.17	cps
Tin	118-1	1867	2234	2342	2147	11.59	cps
Titanium	47-1	333	250	392	325	21.91	cps
Uranium	238-1	267	333	225	275	19.87	cps
Vanadium	51-2	13	27	53	31	65.47	cps
Yttrium	89-2	2311822	2302241	2320827	2311630	0.40	cps
Yttrium	89-1	16944902	16879557	16870555	16898338	0.24	cps
Zinc	66-2	373	320	320	338	9.12	cps
Zirconium	90-1	1567	1550	2042	1720	16.24	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:16:26	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	408	375	394	4.40	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:19:55	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5685	5876	5701	5754	1.85	cps
Antimony	121-1	68593	68593	69791	68992	1.00	cps
Arsenic	75-2	1322	1335	1276	1311	2.38	cps
Barium	135-1	70664	70496	70111	70424	0.40	cps
Barium	137-1	119781	123723	122579	122028	1.66	cps
Beryllium	9-1	6068	5946	6101	6038	1.36	cps
Bismuth	209-1	12035964	12403180	12349210	12262785	1.62	cps
Bismuth	209-2	7572194	7470456	7549834	7530828	0.71	cps
Boron	10-1	21625	21816	21140	21527	1.62	cps
Boron	11-1	101146	102379	102338	101954	0.69	cps
Cadmium	106-1	6710	6460	6477	6549	2.14	cps
Cadmium	108-1	696	596	650	647	7.73	cps
Cadmium	111-1	7959	7554	7567	7693	2.99	cps
Calcium	43-1	47820	46307	45964	46697	2.12	cps
Calcium	44-1	764199	778545	769405	770716	0.94	cps
Chromium	52-2	21649	22390	22421	22154	1.97	cps
Cobalt	59-2	17334	17868	17961	17721	1.91	cps
Copper	63-2	32890	33201	32707	32933	0.76	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Erbium	164-1	92	158	100	117	31.13	cps
Erbium	164-2	47	47	57	50	11.55	cps
Gadolinium	160-2	40	43	53	46	15.23	cps
Gadolinium	160-1	108	117	142	122	14.19	cps
Holmium	165-2	9211492	9318693	9247902	9259362	0.59	cps
Holmium	165-1	18271376	18553426	18713048	18512617	1.21	cps
Indium	115-1	16196584	16717353	16470100	16461346	1.58	cps
Indium	115-2	3003557	2992903	2970142	2988867	0.57	cps
Iron	56-2	1652524	1654238	1658822	1655194	0.20	cps
Iron	57-2	41147	42022	42239	41803	1.38	cps
Lead	206-1	28893	28453	27980	28442	1.61	cps
Lead	207-1	25826	25943	26906	26225	2.26	cps
Lead	208-1	115787	117686	117365	116946	0.87	cps
Lithium	6-1	1819065	1846409	1846403	1837293	0.86	cps
Magnesium	24-2	364720	368588	364237	365848	0.65	cps
Manganese	55-2	6128	6058	5955	6047	1.44	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:19:55	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	60865	61534	62178	61525	1.07	cps
Molybdenum	95-1	76187	74084	75056	75109	1.40	cps
Molybdenum	96-1	84609	84944	83050	84201	1.20	cps
Molybdenum	97-1	46343	46552	46009	46301	0.59	cps
Molybdenum	98-1	122044	123153	120372	121856	1.15	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	4834	4848	5044	4909	2.40	cps
Phosphorus	31-2	325	292	300	306	5.68	cps
Potassium	39-2	414486	416619	415568	415558	0.26	cps
Rhodium	103-2	7311859	7272498	7173722	7252693	0.98	cps
Rhodium	103-1	15224200	15470105	15333776	15342694	0.80	cps
Scandium	45-1	10254737	10621643	10581121	10485834	1.92	cps
Scandium	45-2	474256	475091	472303	473884	0.30	cps
Selenium	77-2	133	87	137	119	23.51	cps
Selenium	78-2	569	515	489	524	7.75	cps
Selenium	82-1	2661	2275	2864	2600	11.51	cps
Silicon	28-1	848998	844970	847334	847101	0.24	cps
Silver	109-1	39832	41061	39899	40264	1.72	cps
Silver	107-1	41629	41578	41888	41698	0.40	cps
Sodium	23-2	777447	775118	773003	775189	0.29	cps
Strontium	86-1	16293	16585	17620	16833	4.14	cps
Strontium	88-1	90879	91861	89403	90714	1.36	cps
Sulfur	34-1	812551	810800	812707	812019	0.13	cps
Terbium	159-1	19088380	19484678	19424851	19332636	1.11	cps
Terbium	159-2	9197520	9273713	9248271	9239835	0.42	cps
Thallium	203-1	27245	27897	28515	27886	2.28	cps
Thallium	205-1	68645	68193	68603	68480	0.37	cps
Tin	118-1	127315	126465	127247	127009	0.37	cps
Titanium	47-1	22276	23186	22435	22632	2.15	cps
Uranium	238-1	94668	95214	96271	95384	0.85	cps
Vanadium	51-2	40850	40790	40830	40823	0.08	cps
Yttrium	89-2	2294839	2305235	2289163	2296412	0.35	cps
Yttrium	89-1	16375073	16751181	16725502	16617252	1.26	cps
Zinc	66-2	3944	3661	3777	3794	3.75	cps
Zirconium	90-1	53626	53844	52806	53426	1.02	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:19:55	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	12039	11864	12122	12008	1.10	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P7
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:23:24	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	708	925	839	13.71	cps
Antimony	121-1	6160	6368	6694	6407	4.20	cps
Arsenic	75-2	211	207	213	211	1.35	cps
Barium	135-1	4901	5068	5018	4996	1.71	cps
Barium	137-1	8386	8511	8320	8406	1.16	cps
Beryllium	9-1	844	744	961	850	12.76	cps
Bismuth	209-1	12546371	12410030	12468676	12475026	0.55	cps
Bismuth	209-2	7462805	7493092	7513942	7489946	0.34	cps
Boron	10-1	1850	1959	1750	1853	5.62	cps
Boron	11-1	8936	9262	8119	8772	6.71	cps
Cadmium	106-1	5768	5685	5710	5721	0.75	cps
Cadmium	108-1	50	129	83	88	45.43	cps
Cadmium	111-1	740	592	583	638	13.79	cps
Calcium	43-1	1800	1850	2100	1917	8.39	cps
Calcium	44-1	52135	53891	51826	52618	2.12	cps
Chromium	52-2	2447	2260	2220	2309	5.24	cps
Cobalt	59-2	2460	2464	2387	2437	1.78	cps
Copper	63-2	9984	9974	9827	9928	0.88	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Erbium	164-1	58	25	142	75	80.12	cps
Erbium	164-2	33	23	17	24	34.31	cps
Gadolinium	160-2	47	53	70	57	21.21	cps
Gadolinium	160-1	83	133	83	100	28.87	cps
Holmium	165-2	9206901	9208598	9128758	9181419	0.50	cps
Holmium	165-1	18715988	18359369	18521739	18532365	0.96	cps
Indium	115-1	16373019	16437017	16349682	16386573	0.28	cps
Indium	115-2	2942512	2971083	2954822	2956139	0.48	cps
Iron	56-2	64877	65011	63884	64590	0.95	cps
Iron	57-2	1450	1428	1572	1483	5.24	cps
Lead	206-1	5135	5073	4862	5023	2.84	cps
Lead	207-1	4829	4645	4379	4618	4.90	cps
Lead	208-1	21179	20468	20123	20590	2.62	cps
Lithium	6-1	1812672	1822408	1824634	1819905	0.35	cps
Magnesium	24-2	10171	11330	10704	10735	5.40	cps
Manganese	55-2	1567	1580	1647	1598	2.68	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P7
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:23:24	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4609	5018	5134	4921	5.60	cps
Molybdenum	95-1	3201	3834	4126	3720	12.72	cps
Molybdenum	96-1	4201	4718	4593	4504	5.99	cps
Molybdenum	97-1	2125	2334	2775	2411	13.77	cps
Molybdenum	98-1	5610	6168	7044	6274	11.52	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	720	730	673	708	4.27	cps
Phosphorus	31-2	300	292	317	303	4.20	cps
Potassium	39-2	63051	64826	62140	63339	2.16	cps
Rhodium	103-2	7213320	7255528	7244805	7237884	0.30	cps
Rhodium	103-1	15311031	15402543	15163926	15292500	0.79	cps
Scandium	45-1	10367659	10413178	10477443	10419427	0.53	cps
Scandium	45-2	468897	470775	467264	468978	0.37	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	126	137	157	140	11.39	cps
Selenium	82-1	288	-8	95	125	120.27	cps
Silicon	28-1	645690	645550	647942	646394	0.21	cps
Silver	109-1	5568	5893	5843	5768	3.03	cps
Silver	107-1	6060	5651	6460	6057	6.68	cps
Sodium	23-2	72500	71889	71680	72023	0.59	cps
Strontium	86-1	8002	8036	7969	8003	0.42	cps
Strontium	88-1	14441	14408	14049	14299	1.52	cps
Sulfur	34-1	819380	818154	805272	814269	0.96	cps
Terbium	159-1	19358519	19271829	19228361	19286236	0.34	cps
Terbium	159-2	9185498	9225262	9134035	9181599	0.50	cps
Thallium	203-1	4009	4026	4009	4015	0.24	cps
Thallium	205-1	10013	10012	10346	10124	1.90	cps
Tin	118-1	4993	5276	5460	5243	4.49	cps
Titanium	47-1	1008	942	792	914	12.14	cps
Uranium	238-1	13399	12565	13307	13091	3.49	cps
Vanadium	51-2	1133	1057	1230	1140	7.62	cps
Yttrium	89-2	2271058	2286348	2254012	2270472	0.71	cps
Yttrium	89-1	16570953	16545990	16663438	16593460	0.37	cps
Zinc	66-2	733	647	767	716	8.66	cps
Zirconium	90-1	8294	7160	7936	7797	7.43	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P7
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:23:24	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1659	1842	1750	1750	5.24	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P7
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:27:03	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900	858	808	856	5.37	cps
Antimony	121-1	5360	5410	5760	5510	3.96	cps
Arsenic	75-2	181	213	181	192	9.47	cps
Barium	135-1	5301	4893	5501	5232	5.93	cps
Barium	137-1	8628	7677	8386	8231	6.00	cps
Beryllium	9-1	872	872	900	882	1.82	cps
Bismuth	209-1	12460521	12527458	12568949	12518976	0.44	cps
Bismuth	209-2	7514481	7505044	7462284	7493936	0.37	cps
Boron	10-1	1433	1225	1475	1378	9.72	cps
Boron	11-1	6218	5943	6293	6151	3.00	cps
Cadmium	106-1	6043	6060	5568	5890	4.74	cps
Cadmium	108-1	117	96	117	110	10.96	cps
Cadmium	111-1	508	559	606	558	8.75	cps
Calcium	43-1	1667	1892	1667	1742	7.46	cps
Calcium	44-1	51423	51114	51917	51485	0.79	cps
Chromium	52-2	2397	2457	2224	2359	5.14	cps
Cobalt	59-2	2264	2224	2514	2334	6.74	cps
Copper	63-2	9336	9306	9423	9355	0.65	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Erbium	164-1	33	33	50	39	24.74	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-2	40	20	47	36	39.03	cps
Gadolinium	160-1	83	92	175	117	43.45	cps
Holmium	165-2	9112572	9143767	9177977	9144772	0.36	cps
Holmium	165-1	18636432	18668978	18635527	18646979	0.10	cps
Indium	115-1	16434427	16415436	16475516	16441793	0.19	cps
Indium	115-2	2946662	2922050	2932513	2933742	0.42	cps
Iron	56-2	63470	63906	63788	63721	0.35	cps
Iron	57-2	1595	1572	1556	1574	1.24	cps
Lead	206-1	4479	4490	4456	4475	0.38	cps
Lead	207-1	4001	4090	4256	4116	3.15	cps
Lead	208-1	18422	18811	19106	18780	1.83	cps
Lithium	6-1	1787571	1801138	1803925	1797545	0.49	cps
Magnesium	24-2	10738	10429	10221	10462	2.49	cps
Manganese	55-2	1590	1603	1837	1677	8.27	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P7
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:27:03	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4184	4576	5026	4595	9.17	cps
Molybdenum	95-1	2992	3434	3609	3345	9.50	cps
Molybdenum	96-1	3334	4209	4301	3948	13.52	cps
Molybdenum	97-1	1750	2084	2142	1992	10.61	cps
Molybdenum	98-1	4726	5343	5977	5348	11.69	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	730	723	733	729	0.70	cps
Phosphorus	31-2	258	358	383	333	19.84	cps
Potassium	39-2	62641	60859	61796	61765	1.44	cps
Rhodium	103-2	7264998	7108852	7230796	7201549	1.14	cps
Rhodium	103-1	15228789	15321464	15217670	15255974	0.37	cps
Scandium	45-1	10288150	10468358	10325193	10360567	0.92	cps
Scandium	45-2	467570	465666	466396	466544	0.21	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	174	154	130	152	14.59	cps
Selenium	82-1	110	124	124	120	6.56	cps
Silicon	28-1	641315	647604	647035	645318	0.54	cps
Silver	109-1	5568	5418	5693	5560	2.48	cps
Silver	107-1	5910	5643	5743	5765	2.34	cps
Sodium	23-2	69059	67552	68473	68362	1.11	cps
Strontium	86-1	8186	8119	7494	7933	4.81	cps
Strontium	88-1	14266	14208	13849	14108	1.60	cps
Sulfur	34-1	809572	816115	823883	816523	0.88	cps
Terbium	159-1	19112548	19175672	19583129	19290450	1.32	cps
Terbium	159-2	9116221	9208763	9211818	9178934	0.59	cps
Thallium	203-1	4243	4326	4234	4268	1.19	cps
Thallium	205-1	9721	9888	9746	9785	0.92	cps
Tin	118-1	4743	4909	5026	4893	2.91	cps
Titanium	47-1	833	725	867	808	9.16	cps
Uranium	238-1	12698	12932	13307	12979	2.37	cps
Vanadium	51-2	1140	1117	1077	1111	2.88	cps
Yttrium	89-2	2258244	2267340	2256524	2260703	0.26	cps
Yttrium	89-1	16641505	16561158	16799539	16667400	0.73	cps
Zinc	66-2	783	830	673	762	10.55	cps
Zirconium	90-1	7869	7769	7511	7716	2.40	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P7
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:27:03	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1583	1467	1367	1472	7.37	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P7
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:30:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850	967	725	847	14.27	cps
Antimony	121-1	4676	5301	5168	5048	6.52	cps
Arsenic	75-2	204	163	211	193	13.46	cps
Barium	135-1	4909	4951	5001	4954	0.93	cps
Barium	137-1	8103	8528	8219	8283	2.65	cps
Beryllium	9-1	828	778	767	791	4.12	cps
Bismuth	209-1	12537836	12586226	12565322	12563128	0.19	cps
Bismuth	209-2	7451832	7505144	7374620	7443865	0.88	cps
Boron	10-1	1158	1175	925	1086	12.87	cps
Boron	11-1	5526	5451	5385	5454	1.30	cps
Cadmium	106-1	6068	5393	5568	5676	6.17	cps
Cadmium	108-1	54	125	100	93	38.60	cps
Cadmium	111-1	316	640	597	518	33.98	cps
Calcium	43-1	1684	1959	1875	1839	7.67	cps
Calcium	44-1	51483	51457	50855	51265	0.69	cps
Chromium	52-2	2354	2207	2370	2310	3.89	cps
Cobalt	59-2	2400	2380	2494	2425	2.50	cps
Copper	63-2	9050	9243	9110	9134	1.08	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Erbium	164-1	33	25	92	50	72.65	cps
Erbium	164-2	20	40	20	27	43.30	cps
Gadolinium	160-2	47	43	63	51	20.96	cps
Gadolinium	160-1	117	92	133	114	18.41	cps
Holmium	165-2	9166557	9207297	9008177	9127344	1.15	cps
Holmium	165-1	18641204	18475012	18628889	18581701	0.50	cps
Indium	115-1	16433039	16299071	16293112	16341741	0.48	cps
Indium	115-2	2929176	2927463	2926626	2927755	0.04	cps
Iron	56-2	62751	62924	63822	63165	0.91	cps
Iron	57-2	1417	1545	1528	1496	4.64	cps
Lead	206-1	4395	4501	4334	4410	1.91	cps
Lead	207-1	4223	4351	4345	4306	1.68	cps
Lead	208-1	18428	18722	18294	18481	1.19	cps
Lithium	6-1	1804703	1785412	1813264	1801126	0.79	cps
Magnesium	24-2	10329	10346	10346	10340	0.09	cps
Manganese	55-2	1440	1580	1533	1518	4.70	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P7
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:30:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4693	4684	4701	4693	0.18	cps
Molybdenum	95-1	2834	2950	3226	3003	6.70	cps
Molybdenum	96-1	3292	3759	4084	3712	10.72	cps
Molybdenum	97-1	1842	1817	2042	1900	6.49	cps
Molybdenum	98-1	4217	4976	5293	4829	11.44	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	677	743	673	698	5.66	cps
Phosphorus	31-2	242	283	333	286	16.04	cps
Potassium	39-2	62767	63160	61889	62605	1.04	cps
Rhodium	103-2	7213612	7125702	7165281	7168198	0.61	cps
Rhodium	103-1	15313813	15468402	15372509	15384908	0.51	cps
Scandium	45-1	10381925	10439032	10365189	10395382	0.37	cps
Scandium	45-2	463757	464667	463569	463998	0.13	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	154	137	170	154	10.84	cps
Selenium	82-1	-168	14	92	-21	-643.30	cps
Silicon	28-1	643644	641215	636137	640332	0.60	cps
Silver	109-1	5760	5385	5126	5424	5.87	cps
Silver	107-1	6160	5460	5610	5743	6.42	cps
Sodium	23-2	66824	67963	67443	67410	0.85	cps
Strontium	86-1	7969	8028	7928	7975	0.63	cps
Strontium	88-1	13699	14516	14608	14274	3.51	cps
Sulfur	34-1	824238	824937	817152	822109	0.52	cps
Terbium	159-1	19638402	19722096	19649640	19670046	0.23	cps
Terbium	159-2	9109138	9199264	9104127	9137510	0.59	cps
Thallium	203-1	4351	4176	4468	4331	3.39	cps
Thallium	205-1	9963	10196	9979	10046	1.30	cps
Tin	118-1	4968	4618	5043	4876	4.65	cps
Titanium	47-1	883	1050	842	925	11.92	cps
Uranium	238-1	14017	12924	12857	13266	4.91	cps
Vanadium	51-2	1090	1250	1070	1137	8.68	cps
Yttrium	89-2	2240749	2253644	2262541	2252311	0.49	cps
Yttrium	89-1	16739546	16652636	16590825	16661003	0.45	cps
Zinc	66-2	763	777	783	774	1.31	cps
Zirconium	90-1	7828	7102	7085	7338	5.77	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P7
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:30:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1859	1759	1692	1770	4.74	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P7
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:34:01	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	858	842	933	878	5.56	cps
Antimony	121-1	4818	4576	4776	4723	2.74	cps
Arsenic	75-2	178	157	209	181	14.39	cps
Barium	135-1	4993	5135	4759	4962	3.82	cps
Barium	137-1	8486	8395	8253	8378	1.40	cps
Beryllium	9-1	756	783	794	778	2.58	cps
Bismuth	209-1	12599011	12581537	12638450	12606333	0.23	cps
Bismuth	209-2	7543969	7589774	7520743	7551495	0.47	cps
Boron	10-1	1058	1008	967	1011	4.54	cps
Boron	11-1	5134	5535	4859	5176	6.56	cps
Cadmium	106-1	5585	5601	5435	5540	1.66	cps
Cadmium	108-1	88	108	113	103	13.03	cps
Cadmium	111-1	494	636	659	596	15.00	cps
Calcium	43-1	1967	2017	1784	1922	6.39	cps
Calcium	44-1	49843	50529	50772	50381	0.96	cps
Chromium	52-2	2327	2280	2360	2322	1.73	cps
Cobalt	59-2	2344	2430	2400	2391	1.84	cps
Copper	63-2	8936	9116	9213	9089	1.55	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Dysprosium	156-1	33	33	0	22	86.60	cps
Erbium	164-1	67	108	50	75	40.06	cps
Erbium	164-2	17	40	20	26	49.38	cps
Gadolinium	160-2	53	57	37	49	21.91	cps
Gadolinium	160-1	142	108	200	150	30.93	cps
Holmium	165-2	9270624	9196122	9191469	9219405	0.48	cps
Holmium	165-1	18574766	18642855	18669419	18629013	0.26	cps
Indium	115-1	16513882	16622340	16499226	16545149	0.41	cps
Indium	115-2	2908002	2953207	2944478	2935229	0.82	cps
Iron	56-2	64146	62399	63683	63409	1.43	cps
Iron	57-2	1472	1656	1522	1550	6.11	cps
Lead	206-1	4490	4406	4506	4468	1.20	cps
Lead	207-1	3973	4040	4023	4012	0.87	cps
Lead	208-1	18411	18472	18067	18317	1.19	cps
Lithium	6-1	1795914	1791283	1798915	1795371	0.21	cps
Magnesium	24-2	9403	10170	10337	9970	5.00	cps
Manganese	55-2	1697	1517	1560	1591	5.91	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P7
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:34:01	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4476	4526	4476	4493	0.64	cps
Molybdenum	95-1	2659	2867	2834	2787	4.02	cps
Molybdenum	96-1	3267	3376	3717	3453	6.80	cps
Molybdenum	97-1	1542	1684	2025	1750	14.20	cps
Molybdenum	98-1	4459	4709	4626	4598	2.77	cps
Neodymium	150-1	33	7	13	18	78.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	723	623	677	674	7.42	cps
Phosphorus	31-2	333	333	442	369	16.93	cps
Potassium	39-2	60984	60315	61369	60890	0.88	cps
Rhodium	103-2	7266293	7188354	7150172	7201606	0.82	cps
Rhodium	103-1	15361318	15350739	15255272	15322443	0.38	cps
Scandium	45-1	10394906	10471270	10404542	10423573	0.40	cps
Scandium	45-2	464345	466857	464066	465089	0.33	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	119	144	148	137	11.78	cps
Selenium	82-1	-121	-100	201	-7	-2639.43	cps
Silicon	28-1	640895	641463	633777	638712	0.67	cps
Silver	109-1	5143	5468	5635	5415	4.62	cps
Silver	107-1	5651	5585	5560	5599	0.85	cps
Sodium	23-2	64883	67444	66632	66320	1.97	cps
Strontium	86-1	8061	7811	7611	7827	2.88	cps
Strontium	88-1	14283	14424	14675	14461	1.37	cps
Sulfur	34-1	834569	832499	824816	830628	0.62	cps
Terbium	159-1	19460901	19370458	19545653	19459004	0.45	cps
Terbium	159-2	9051864	9247282	9296334	9198494	1.41	cps
Thallium	203-1	4226	3809	4076	4037	5.23	cps
Thallium	205-1	10580	9712	10079	10124	4.30	cps
Tin	118-1	4893	4743	4759	4798	1.72	cps
Titanium	47-1	725	808	1033	856	18.64	cps
Uranium	238-1	12974	13766	13082	13274	3.24	cps
Vanadium	51-2	1043	1093	1137	1091	4.28	cps
Yttrium	89-2	2256084	2265593	2268477	2263385	0.29	cps
Yttrium	89-1	16817087	16658289	16779028	16751468	0.49	cps
Zinc	66-2	777	607	850	744	16.77	cps
Zirconium	90-1	7227	7377	7027	7210	2.44	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P7
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:34:01	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1909	1667	1684	1753	7.70	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P7
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:37:31	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758	842	750	783	6.47	cps
Antimony	121-1	4443	4693	4576	4570	2.74	cps
Arsenic	75-2	219	172	200	197	11.83	cps
Barium	135-1	5401	4909	4551	4954	8.62	cps
Barium	137-1	9178	8086	8319	8528	6.75	cps
Beryllium	9-1	817	839	861	839	2.65	cps
Bismuth	209-1	12753436	12668744	12673176	12698452	0.38	cps
Bismuth	209-2	7493547	7441799	7478613	7471320	0.36	cps
Boron	10-1	792	892	1142	942	19.14	cps
Boron	11-1	4226	4501	4643	4456	4.76	cps
Cadmium	106-1	5485	5676	6268	5810	7.03	cps
Cadmium	108-1	104	79	71	85	20.47	cps
Cadmium	111-1	612	635	571	606	5.30	cps
Calcium	43-1	1784	1825	1867	1825	2.28	cps
Calcium	44-1	48790	49092	49468	49116	0.69	cps
Chromium	52-2	2377	2344	2374	2365	0.78	cps
Cobalt	59-2	2377	2314	2390	2360	1.74	cps
Copper	63-2	9016	8769	8963	8916	1.46	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Dysprosium	156-1	50	25	0	25	100.00	cps
Erbium	164-1	50	83	33	56	45.83	cps
Erbium	164-2	17	20	27	21	24.12	cps
Gadolinium	160-2	60	53	30	48	32.97	cps
Gadolinium	160-1	192	100	150	147	31.18	cps
Holmium	165-2	9099079	9055749	9272321	9142383	1.25	cps
Holmium	165-1	18780494	18691493	18492834	18654940	0.79	cps
Indium	115-1	16321034	16195832	16341982	16286283	0.49	cps
Indium	115-2	2911263	2925238	2936781	2924427	0.44	cps
Iron	56-2	62723	62249	61908	62293	0.66	cps
Iron	57-2	1367	1550	1639	1519	9.14	cps
Lead	206-1	4679	4206	4445	4443	5.32	cps
Lead	207-1	4112	4601	4201	4305	6.05	cps
Lead	208-1	18506	18711	18595	18604	0.55	cps
Lithium	6-1	1922455	1925801	1918251	1922169	0.20	cps
Magnesium	24-2	10354	9637	10112	10034	3.64	cps
Manganese	55-2	1507	1547	1633	1562	4.14	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P7
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:37:31	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4259	4293	4092	4215	2.54	cps
Molybdenum	95-1	2734	2609	2725	2689	2.60	cps
Molybdenum	96-1	2975	3192	3551	3239	8.97	cps
Molybdenum	97-1	1550	1875	1792	1739	9.71	cps
Molybdenum	98-1	3884	4109	4192	4062	3.93	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	650	697	690	679	3.72	cps
Phosphorus	31-2	267	325	367	319	15.73	cps
Potassium	39-2	59436	62641	60315	60798	2.72	cps
Rhodium	103-2	7074082	7211292	7148300	7144558	0.96	cps
Rhodium	103-1	15348808	15206977	15224812	15260199	0.51	cps
Scandium	45-1	10317108	10223935	10320612	10287218	0.53	cps
Scandium	45-2	457160	459704	465139	460668	0.88	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	148	143	156	149	4.37	cps
Selenium	82-1	-117	-222	278	-20	-1293.75	cps
Silicon	28-1	639047	639256	635584	637962	0.32	cps
Silver	109-1	5426	5009	5451	5296	4.69	cps
Silver	107-1	6093	5693	6127	5971	4.04	cps
Sodium	23-2	63485	66172	65486	65047	2.15	cps
Strontium	86-1	7961	7744	7852	7852	1.38	cps
Strontium	88-1	13982	13740	14083	13935	1.26	cps
Sulfur	34-1	830007	833290	842558	835285	0.78	cps
Terbium	159-1	19407945	19213827	19443171	19354981	0.64	cps
Terbium	159-2	9122314	9058408	9136402	9105708	0.46	cps
Thallium	203-1	4067	4009	4184	4087	2.18	cps
Thallium	205-1	9896	9804	10138	9946	1.73	cps
Tin	118-1	4584	4976	5001	4854	4.82	cps
Titanium	47-1	750	700	950	800	16.54	cps
Uranium	238-1	13766	12715	13099	13193	4.03	cps
Vanadium	51-2	1073	1177	1210	1153	6.18	cps
Yttrium	89-2	2224742	2243600	2265611	2244651	0.91	cps
Yttrium	89-1	16494051	16385585	16416704	16432114	0.34	cps
Zinc	66-2	793	810	800	801	1.05	cps
Zirconium	90-1	7311	7769	6860	7313	6.21	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P7
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:37:31	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1617	1709	1533	1620	5.41	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P7
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:41:00	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792	750	1033	858	17.82	cps
Antimony	121-1	4843	4543	4493	4626	4.09	cps
Arsenic	75-2	187	178	185	183	2.67	cps
Barium	135-1	4793	4526	4968	4762	4.67	cps
Barium	137-1	8195	8153	8169	8172	0.26	cps
Beryllium	9-1	828	945	872	882	6.68	cps
Bismuth	209-1	12492511	12579986	12442363	12504954	0.56	cps
Bismuth	209-2	7540031	7456776	7442181	7479663	0.71	cps
Boron	10-1	842	725	775	781	7.50	cps
Boron	11-1	3826	3892	4217	3978	5.27	cps
Cadmium	106-1	5927	5501	5368	5599	5.21	cps
Cadmium	108-1	117	75	138	110	29.00	cps
Cadmium	111-1	591	567	620	592	4.47	cps
Calcium	43-1	2050	1867	1959	1959	4.68	cps
Calcium	44-1	51131	50245	50144	50507	1.07	cps
Chromium	52-2	2227	2294	2277	2266	1.53	cps
Cobalt	59-2	2287	2404	2324	2338	2.55	cps
Copper	63-2	8753	8963	8606	8774	2.04	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Erbium	164-1	42	75	50	56	31.22	cps
Erbium	164-2	33	23	27	28	18.33	cps
Gadolinium	160-2	47	47	53	49	7.86	cps
Gadolinium	160-1	92	92	242	142	61.13	cps
Holmium	165-2	9193792	9116610	9155959	9155454	0.42	cps
Holmium	165-1	18577672	18620588	18576190	18591483	0.14	cps
Indium	115-1	16413374	16312284	16022277	16249312	1.25	cps
Indium	115-2	2920101	2924652	2929203	2924652	0.16	cps
Iron	56-2	62533	62695	63638	62955	0.95	cps
Iron	57-2	1550	1628	1628	1602	2.80	cps
Lead	206-1	4540	4584	4423	4516	1.84	cps
Lead	207-1	3967	3906	3995	3956	1.15	cps
Lead	208-1	18116	17833	18005	17985	0.79	cps
Lithium	6-1	1793585	1761554	1751035	1768725	1.25	cps
Magnesium	24-2	10196	11021	10529	10582	3.92	cps
Manganese	55-2	1517	1603	1683	1601	5.21	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P7
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:41:00	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3934	4351	3767	4017	7.48	cps
Molybdenum	95-1	2584	2284	2867	2578	11.32	cps
Molybdenum	96-1	3076	3201	3175	3150	2.10	cps
Molybdenum	97-1	1442	1483	1592	1506	5.14	cps
Molybdenum	98-1	3826	3942	4626	4131	10.46	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	627	813	723	721	12.95	cps
Phosphorus	31-2	317	333	392	347	11.34	cps
Potassium	39-2	59394	59696	60833	59974	1.27	cps
Rhodium	103-2	7158428	7127153	7191549	7159044	0.45	cps
Rhodium	103-1	15269203	15234270	15169106	15224193	0.33	cps
Scandium	45-1	10352967	10379990	10284196	10339051	0.48	cps
Scandium	45-2	459437	461779	464284	461834	0.52	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	156	111	157	141	18.54	cps
Selenium	82-1	-100	251	-158	-3	-8380.40	cps
Silicon	28-1	645595	640095	644428	643372	0.45	cps
Silver	109-1	5001	5693	5460	5385	6.54	cps
Silver	107-1	5551	5293	5293	5379	2.77	cps
Sodium	23-2	64339	66322	65720	65460	1.55	cps
Strontium	86-1	7769	7636	7619	7675	1.07	cps
Strontium	88-1	13640	14032	13574	13749	1.80	cps
Sulfur	34-1	818669	820179	826663	821837	0.52	cps
Terbium	159-1	19429049	19345767	19345333	19373383	0.25	cps
Terbium	159-2	9174688	9225140	9140313	9180047	0.46	cps
Thallium	203-1	3892	4584	4201	4226	8.20	cps
Thallium	205-1	10263	9846	9637	9915	3.21	cps
Tin	118-1	5143	4343	4884	4790	8.53	cps
Titanium	47-1	925	858	892	892	3.74	cps
Uranium	238-1	13007	13324	13090	13140	1.25	cps
Vanadium	51-2	1110	1180	1253	1181	6.07	cps
Yttrium	89-2	2254080	2236740	2236215	2242345	0.45	cps
Yttrium	89-1	16495745	16519846	16479271	16498287	0.12	cps
Zinc	66-2	880	830	797	836	5.02	cps
Zirconium	90-1	8061	7202	7085	7449	7.15	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P7
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:41:00	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1684	1625	1583	1631	3.08	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P7
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:44:30	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	892	725	833	11.27	cps
Antimony	121-1	3834	4317	4501	4217	8.17	cps
Arsenic	75-2	165	161	206	177	13.92	cps
Barium	135-1	4609	4651	5276	4846	7.71	cps
Barium	137-1	8536	8161	8295	8331	2.28	cps
Beryllium	9-1	756	806	933	832	11.03	cps
Bismuth	209-1	12540889	12574688	12425110	12513562	0.63	cps
Bismuth	209-2	7502819	7639918	7502308	7548349	1.05	cps
Boron	10-1	900	708	842	817	12.03	cps
Boron	11-1	3359	3651	3734	3581	5.50	cps
Cadmium	106-1	5826	5568	5668	5688	2.29	cps
Cadmium	108-1	92	113	125	110	15.35	cps
Cadmium	111-1	567	700	521	596	15.56	cps
Calcium	43-1	1742	1825	1750	1772	2.59	cps
Calcium	44-1	49149	49132	50303	49528	1.36	cps
Chromium	52-2	2334	2384	2284	2334	2.14	cps
Cobalt	59-2	2484	2314	2377	2391	3.59	cps
Copper	63-2	8876	8796	8613	8762	1.54	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Erbium	164-1	58	83	50	64	27.15	cps
Erbium	164-2	23	53	17	31	62.77	cps
Gadolinium	160-2	60	53	33	49	28.39	cps
Gadolinium	160-1	108	150	67	108	38.46	cps
Holmium	165-1	18432842	18500682	18587183	18506902	0.42	cps
Holmium	165-2	9144196	9208191	9108648	9153678	0.55	cps
Indium	115-2	2942157	2926820	2932636	2933871	0.26	cps
Indium	115-1	16376365	16379128	16139067	16298187	0.85	cps
Iron	56-2	63359	61936	63482	62926	1.37	cps
Iron	57-2	1406	1406	1522	1445	4.66	cps
Lead	206-1	4223	4179	4534	4312	4.49	cps
Lead	207-1	3751	4190	3723	3888	6.74	cps
Lead	208-1	17077	17972	17550	17533	2.55	cps
Lithium	6-1	1737484	1753282	1746441	1745736	0.45	cps
Magnesium	24-2	9954	10271	10396	10207	2.23	cps
Manganese	55-2	1413	1397	1497	1436	3.73	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P7
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:44:30	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4284	3959	4192	4145	4.04	cps
Molybdenum	95-1	2234	2692	2625	2517	9.84	cps
Molybdenum	96-1	3017	3042	3534	3198	9.11	cps
Molybdenum	97-1	1600	1533	1725	1620	6.01	cps
Molybdenum	98-1	3942	3809	4134	3962	4.13	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	653	693	683	677	3.08	cps
Phosphorus	31-2	233	350	267	283	21.21	cps
Potassium	39-2	59193	60450	59546	59730	1.08	cps
Rhodium	103-2	7184731	7126962	7142842	7151511	0.42	cps
Rhodium	103-1	15171868	15477331	15417492	15355563	1.05	cps
Scandium	45-1	10356679	10375276	10391436	10374464	0.17	cps
Scandium	45-2	468717	466270	464320	466436	0.47	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	120	139	130	130	7.14	cps
Selenium	82-1	13	26	216	85	134.08	cps
Silicon	28-1	633998	634294	630366	632886	0.35	cps
Silver	109-1	5385	5251	5585	5407	3.11	cps
Silver	107-1	5668	5643	5960	5757	3.06	cps
Sodium	23-2	62045	62506	62004	62185	0.45	cps
Strontium	86-1	7561	8011	7969	7847	3.17	cps
Strontium	88-1	12981	14550	14299	13943	6.04	cps
Sulfur	34-1	819740	813276	811426	814814	0.54	cps
Terbium	159-1	19262963	19448795	19371895	19361218	0.48	cps
Terbium	159-2	9209663	9233972	9162944	9202193	0.39	cps
Thallium	203-1	4201	3959	4226	4129	3.57	cps
Thallium	205-1	9337	9662	9862	9621	2.76	cps
Tin	118-1	5335	4951	5168	5151	3.73	cps
Titanium	47-1	867	917	983	922	6.35	cps
Uranium	238-1	12907	13366	13057	13110	1.78	cps
Vanadium	51-2	1187	1093	1130	1137	4.14	cps
Yttrium	89-2	2248984	2264117	2254202	2255768	0.34	cps
Yttrium	89-1	16749090	16468653	16731813	16649852	0.94	cps
Zinc	66-2	730	690	620	680	8.19	cps
Zirconium	90-1	7594	7677	7244	7505	3.07	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P7
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:44:30	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1709	1525	1542	1592	6.37	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:47:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	100	42	64	49.38	cps
Antimony	121-1	1150	1158	1317	1208	7.77	cps
Arsenic	75-2	26	39	33	33	19.87	cps
Barium	135-1	25	8	42	25	66.68	cps
Barium	137-1	58	100	17	58	71.43	cps
Beryllium	9-1	67	44	61	57	20.14	cps
Bismuth	209-1	12543966	12651186	12727952	12641035	0.73	cps
Bismuth	209-2	7497478	7566329	7507444	7523750	0.49	cps
Boron	10-1	833	933	708	825	13.67	cps
Boron	11-1	3634	3459	3334	3476	4.34	cps
Cadmium	106-1	5443	5543	5493	5493	0.91	cps
Cadmium	108-1	38	21	8	22	65.86	cps
Cadmium	111-1	-517	-531	-533	-527	-1.62	cps
Calcium	43-1	525	517	533	525	1.59	cps
Calcium	44-1	28612	27184	26725	27507	3.58	cps
Chromium	52-2	937	880	917	911	3.15	cps
Cobalt	59-2	90	107	80	92	14.61	cps
Copper	63-2	5428	5298	5464	5397	1.62	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Erbium	164-1	83	67	75	75	11.11	cps
Erbium	164-2	30	13	23	22	37.76	cps
Gadolinium	160-2	23	33	53	37	41.66	cps
Gadolinium	160-1	92	125	125	114	16.90	cps
Holmium	165-2	9210283	9224263	9260626	9231724	0.28	cps
Holmium	165-1	18595303	18766143	18637008	18666151	0.48	cps
Indium	115-1	16399923	16364472	16333132	16365842	0.20	cps
Indium	115-2	2928647	2930223	2939810	2932893	0.21	cps
Iron	56-2	6418	6051	6007	6159	3.67	cps
Iron	57-2	167	172	117	152	20.15	cps
Lead	206-1	1283	1167	1195	1215	5.02	cps
Lead	207-1	1211	1006	1183	1133	9.84	cps
Lead	208-1	5378	4845	4845	5023	6.13	cps
Lithium	6-1	1744716	1787473	1761876	1764688	1.22	cps
Magnesium	24-2	192	200	192	194	2.47	cps
Manganese	55-2	40	33	47	40	16.68	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:47:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	658	792	958	803	18.72	cps
Molybdenum	95-1	417	525	700	547	26.13	cps
Molybdenum	96-1	392	692	850	644	36.12	cps
Molybdenum	97-1	200	392	325	306	31.84	cps
Molybdenum	98-1	617	742	1292	883	40.65	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	97	70	63	77	23.01	cps
Phosphorus	31-2	250	333	183	256	29.41	cps
Potassium	39-2	57119	55472	55538	56043	1.66	cps
Rhodium	103-2	7257889	7168148	7267762	7231267	0.76	cps
Rhodium	103-1	15213891	15312982	15219653	15248842	0.36	cps
Scandium	45-1	10467181	10345149	10291487	10367939	0.87	cps
Scandium	45-2	465529	465173	465293	465332	0.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	141	124	128	131	6.68	cps
Selenium	82-1	-35	-292	128	-66	-318.10	cps
Silicon	28-1	627986	626238	622244	625490	0.47	cps
Silver	109-1	200	150	158	169	15.81	cps
Silver	107-1	250	208	242	233	9.45	cps
Sodium	23-2	43531	43723	44308	43854	0.92	cps
Strontium	86-1	6802	6410	6235	6482	4.48	cps
Strontium	88-1	575	517	517	536	6.28	cps
Sulfur	34-1	857170	847379	835927	846825	1.26	cps
Terbium	159-1	19757189	19656333	19409470	19607664	0.91	cps
Terbium	159-2	9210919	9104283	9209763	9174988	0.67	cps
Thallium	203-1	258	258	317	278	12.12	cps
Thallium	205-1	500	583	583	556	8.66	cps
Tin	118-1	1242	1325	1634	1400	14.74	cps
Titanium	47-1	200	225	183	203	10.34	cps
Uranium	238-1	117	108	108	111	4.33	cps
Vanadium	51-2	20	17	7	14	48.02	cps
Yttrium	89-2	2262850	2252649	2280227	2265242	0.62	cps
Yttrium	89-1	16715532	16736062	16840840	16764144	0.40	cps
Zinc	66-2	200	207	167	191	11.21	cps
Zirconium	90-1	1458	1275	1275	1336	7.92	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:47:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	300	275	272	10.75	cps

LB Number : LB86931 Operator : Jaswal
 Lab Sample ID : PB98150BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-13 17:51:27 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6085	5468	5651	5735	5.52	cps
Antimony	121-1	63578	62892	62984	63151	0.59	cps
Arsenic	75-2	1230	1293	1250	1257	2.56	cps
Barium	135-1	71384	70027	71308	70906	1.08	cps
Barium	137-1	124883	122428	121704	123005	1.35	cps
Beryllium	9-1	5746	5546	5329	5540	3.76	cps
Bismuth	209-1	12571549	12614469	12593260	12593093	0.17	cps
Bismuth	209-2	7602787	7514068	7546734	7554529	0.59	cps
Boron	10-1	8244	8394	8361	8333	0.95	cps
Boron	11-1	39754	40998	41650	40801	2.36	cps
Cadmium	106-1	6085	6468	5910	6154	4.64	cps
Cadmium	108-1	283	329	304	306	7.51	cps
Cadmium	111-1	3092	2922	3041	3018	2.88	cps
Calcium	43-1	46407	47795	46892	47031	1.50	cps
Calcium	44-1	790658	787370	786000	788009	0.30	cps
Chromium	52-2	22481	22087	22100	22223	1.01	cps
Cobalt	59-2	17380	17778	17921	17693	1.58	cps
Copper	63-2	31477	31497	31347	31441	0.26	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Dysprosium	156-1	25	8	67	33	90.15	cps
Erbium	164-1	92	42	83	72	37.09	cps
Erbium	164-2	13	23	13	17	34.65	cps
Gadolinium	160-2	40	27	30	32	21.53	cps
Gadolinium	160-1	83	192	100	125	46.67	cps
Holmium	165-2	9159624	9211075	9199097	9189932	0.29	cps
Holmium	165-1	18898906	18677471	18717821	18764733	0.63	cps
Indium	115-1	16519632	16689299	16390980	16533304	0.91	cps
Indium	115-2	2969581	2965164	2980125	2971623	0.26	cps
Iron	56-2	1695888	1694341	1706102	1698777	0.38	cps
Iron	57-2	41693	42195	41665	41851	0.71	cps
Lead	206-1	24139	24022	24529	24230	1.09	cps
Lead	207-1	21924	22659	22803	22462	2.10	cps
Lead	208-1	99822	100161	100689	100224	0.44	cps
Lithium	6-1	1796353	1778843	1776458	1783885	0.61	cps
Magnesium	24-2	371466	370685	373320	371824	0.36	cps
Manganese	55-2	6005	5991	5568	5855	4.24	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:51:27	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	60562	61056	59148	60255	1.64	cps
Molybdenum	95-1	71849	70651	71949	71483	1.01	cps
Molybdenum	96-1	83075	80050	79790	80972	2.26	cps
Molybdenum	97-1	45315	44487	43793	44531	1.71	cps
Molybdenum	98-1	118104	115340	114306	115917	1.69	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	4874	5101	5161	5045	3.00	cps
Phosphorus	31-2	283	333	250	289	14.52	cps
Potassium	39-2	420664	422211	417607	420161	0.56	cps
Rhodium	103-2	7316466	7318490	7230052	7288336	0.69	cps
Rhodium	103-1	15366748	15475742	15218812	15353767	0.84	cps
Scandium	45-1	10518833	10416723	10426827	10454128	0.54	cps
Scandium	45-2	472021	468256	472438	470905	0.49	cps
Selenium	77-2	97	120	117	111	11.36	cps
Selenium	78-2	517	426	446	463	10.28	cps
Selenium	82-1	2557	2527	2485	2523	1.43	cps
Silicon	28-1	730518	729037	726682	728746	0.27	cps
Silver	109-1	39289	39490	38520	39100	1.31	cps
Silver	107-1	41311	40233	40718	40754	1.32	cps
Sodium	23-2	772208	773823	779083	775038	0.46	cps
Strontium	86-1	16786	15951	16485	16407	2.58	cps
Strontium	88-1	89261	88673	89302	89079	0.40	cps
Sulfur	34-1	843439	851043	851155	848546	0.52	cps
Terbium	159-1	19505983	19624693	19514871	19548515	0.34	cps
Terbium	159-2	9367428	9266370	9278702	9304167	0.59	cps
Thallium	203-1	29133	29225	29158	29172	0.16	cps
Thallium	205-1	70555	68711	70128	69798	1.38	cps
Tin	118-1	125658	124707	125574	125313	0.42	cps
Titanium	47-1	23236	21842	23044	22707	3.33	cps
Uranium	238-1	94634	95255	95868	95252	0.65	cps
Vanadium	51-2	40666	40222	41207	40698	1.21	cps
Yttrium	89-2	2289273	2287574	2313424	2296757	0.63	cps
Yttrium	89-1	16923995	16731319	16758682	16804665	0.62	cps
Zinc	66-2	3894	3971	4111	3992	2.75	cps
Zirconium	90-1	52447	52129	51042	51873	1.42	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	PB98150BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:51:27	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11363	12064	11730	11719	2.99	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-01	Instrumnet Name :	P7
Client Sample ID :	MH0AT5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:56:47	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	342	408	350	15.61	cps
Antimony	121-1	11672	12264	12072	12003	2.52	cps
Arsenic	75-2	7163	6872	6791	6942	2.82	cps
Barium	135-1	244723	243626	244688	244346	0.26	cps
Barium	137-1	422657	424482	426132	424424	0.41	cps
Beryllium	9-1	33	61	22	39	51.51	cps
Bismuth	209-1	12376256	12451387	12542220	12456621	0.67	cps
Bismuth	209-2	7363543	7415088	7320774	7366468	0.64	cps
Boron	10-1	152285	152286	155938	153503	1.37	cps
Boron	11-1	734806	733606	769776	746063	2.75	cps
Cadmium	106-1	5576	5851	6102	5843	4.50	cps
Cadmium	108-1	63	75	71	69	9.16	cps
Cadmium	111-1	-368	-393	-416	-393	-6.16	cps
Calcium	43-1	7525562	7411363	7412781	7449902	0.88	cps
Calcium	44-1	121338953	118734711	118551236	119541633	1.30	cps
Chromium	52-2	4301	4361	4411	4357	1.26	cps
Cobalt	59-2	2280	2094	2060	2145	5.53	cps
Copper	63-2	21169	20945	20511	20875	1.60	cps
Dysprosium	156-2	317	383	347	349	9.57	cps
Dysprosium	156-1	883	792	808	828	5.90	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	67	40	50	52	25.80	cps
Gadolinium	160-2	547	540	477	521	7.41	cps
Gadolinium	160-1	842	892	942	892	5.61	cps
Holmium	165-2	9604033	9546463	9592519	9581005	0.32	cps
Holmium	165-1	19402154	19464623	19487149	19451309	0.23	cps
Indium	115-1	16817069	16986068	16930338	16911158	0.51	cps
Indium	115-2	3041770	3054775	3031001	3042515	0.39	cps
Iron	56-2	90841	89779	89231	89950	0.91	cps
Iron	57-2	4017	4023	4245	4095	3.17	cps
Lead	206-1	3223	3423	3206	3284	3.67	cps
Lead	207-1	3095	3006	3006	3036	1.69	cps
Lead	208-1	13870	13742	13231	13614	2.48	cps
Lithium	6-1	1969074	1991469	2080168	2013570	2.92	cps
Magnesium	24-2	25963159	26142109	26041999	26049089	0.34	cps
Manganese	55-2	127187	129382	128536	128368	0.86	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-01	Instrumnet Name :	P7
Client Sample ID :	MH0AT5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:56:47	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	71446	66916	67770	68710	3.50	cps
Molybdenum	95-1	117036	115834	113724	115531	1.45	cps
Molybdenum	96-1	126255	122742	121608	123535	1.96	cps
Molybdenum	97-1	73457	71999	70266	71907	2.22	cps
Molybdenum	98-1	189106	188169	183198	186825	1.70	cps
Neodymium	150-1	67	67	27	53	43.30	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	2777	2620	2604	2667	3.59	cps
Phosphorus	31-2	4576	5159	4643	4793	6.66	cps
Potassium	39-2	7060013	7127067	7002864	7063315	0.88	cps
Rhodium	103-2	6989278	6978122	7020326	6995909	0.31	cps
Rhodium	103-1	15058347	15054309	14987006	15033220	0.27	cps
Scandium	45-1	10930933	10814073	10837133	10860713	0.57	cps
Scandium	45-2	474079	479227	474234	475847	0.62	cps
Selenium	77-2	53	53	60	56	6.93	cps
Selenium	78-2	319	254	252	275	13.82	cps
Selenium	82-1	1061	1206	1239	1169	8.10	cps
Silicon	28-1	119303482	117219640	117909965	118144362	0.90	cps
Silver	109-1	8703	9612	10671	9662	10.20	cps
Silver	107-1	8486	10421	10738	9882	12.33	cps
Sodium	23-2	177747879	178747404	179729779	178741687	0.55	cps
Strontium	86-1	7093520	7019847	6986948	7033439	0.78	cps
Strontium	88-1	61138468	61200066	60554860	60964465	0.58	cps
Sulfur	34-1	8675508	8625265	8685634	8662136	0.37	cps
Terbium	159-1	20225298	20333060	20196041	20251467	0.36	cps
Terbium	159-2	9539448	9637307	9568602	9581786	0.52	cps
Thallium	203-1	767	833	767	789	4.88	cps
Thallium	205-1	2167	1975	2009	2050	5.00	cps
Tin	118-1	2134	1975	2084	2064	3.92	cps
Titanium	47-1	3117	2809	2875	2934	5.53	cps
Uranium	238-1	837792	840993	840702	839829	0.21	cps
Vanadium	51-2	22688	22424	22898	22670	1.05	cps
Yttrium	89-2	2308245	2319618	2324976	2317613	0.37	cps
Yttrium	89-1	17353996	17174581	17068671	17199083	0.84	cps
Zinc	66-2	8963	9050	9223	9079	1.46	cps
Zirconium	90-1	7511	7461	7819	7597	2.56	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-01	Instrumnet Name :	P7
Client Sample ID :	MH0AT5	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 17:56:47	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1583	1692	1834	1703	7.36	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02	Instrumnet Name :	P7
Client Sample ID :	MH0AT6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:00:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617	525	750	631	17.94	cps
Antimony	121-1	10705	10930	10788	10807	1.05	cps
Arsenic	75-2	6485	6481	6442	6469	0.36	cps
Barium	135-1	244261	243378	244707	244115	0.28	cps
Barium	137-1	429389	431845	419508	426914	1.53	cps
Beryllium	9-1	39	28	28	31	20.37	cps
Bismuth	209-1	12530779	12416050	12526737	12491188	0.52	cps
Bismuth	209-2	7335917	7324581	7315783	7325427	0.14	cps
Boron	10-1	141619	143275	144773	143222	1.10	cps
Boron	11-1	689178	695187	700761	695042	0.83	cps
Cadmium	106-1	5868	5610	5651	5710	2.43	cps
Cadmium	108-1	54	75	58	63	17.64	cps
Cadmium	111-1	-347	-294	-340	-327	-8.78	cps
Calcium	43-1	6625788	6588642	6568401	6594277	0.44	cps
Calcium	44-1	106423227	106354832	105877729	106218596	0.28	cps
Chromium	52-2	3814	3894	3741	3816	2.01	cps
Cobalt	59-2	2117	2060	2060	2079	1.57	cps
Copper	63-2	22564	22568	22027	22386	1.39	cps
Dysprosium	156-2	847	783	843	824	4.32	cps
Dysprosium	156-1	1700	1517	1517	1578	6.71	cps
Erbium	164-1	117	100	83	100	16.66	cps
Erbium	164-2	50	47	47	48	4.02	cps
Gadolinium	160-2	980	897	977	951	4.96	cps
Gadolinium	160-1	1775	1759	1767	1767	0.47	cps
Holmium	165-2	9544642	9412106	9500237	9485662	0.71	cps
Holmium	165-1	19653399	19553057	19481088	19562515	0.44	cps
Indium	115-1	17140380	16976328	17054217	17056975	0.48	cps
Indium	115-2	2992111	2983502	2988052	2987888	0.14	cps
Iron	56-2	112865	109551	110833	111083	1.50	cps
Iron	57-2	4317	4434	4090	4280	4.09	cps
Lead	206-1	5001	4707	4951	4886	3.23	cps
Lead	207-1	4206	4684	4151	4347	6.75	cps
Lead	208-1	19184	20763	19751	19899	4.02	cps
Lithium	6-1	2084894	2091931	2069122	2081982	0.56	cps
Magnesium	24-2	21848575	21864230	21852232	21855012	0.04	cps
Manganese	55-2	95793	95662	94296	95250	0.87	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02	Instrumnet Name :	P7
Client Sample ID :	MH0AT6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:00:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	57441	57098	55768	56769	1.56	cps
Molybdenum	95-1	100562	97264	94537	97454	3.10	cps
Molybdenum	96-1	106453	101132	102836	103474	2.63	cps
Molybdenum	97-1	60856	59400	59559	59938	1.33	cps
Molybdenum	98-1	156762	157219	152937	155639	1.51	cps
Neodymium	150-1	80	80	67	76	10.19	cps
Neodymium	150-2	3	27	17	16	75.27	cps
Nickel	60-2	2860	3027	2687	2858	5.95	cps
Phosphorus	31-2	7669	7852	7961	7827	1.89	cps
Potassium	39-2	6761889	6729045	6671469	6720801	0.68	cps
Rhodium	103-2	6963451	6904073	6986165	6951229	0.61	cps
Rhodium	103-1	15083730	15172719	14926222	15060890	0.83	cps
Scandium	45-1	10742365	10772851	10868528	10794581	0.61	cps
Scandium	45-2	472042	465431	465589	467687	0.81	cps
Selenium	77-2	63	60	43	56	19.29	cps
Selenium	78-2	257	231	239	243	5.50	cps
Selenium	82-1	834	1165	1013	1004	16.49	cps
Silicon	28-1	104007984	103671596	103430763	103703447	0.28	cps
Silver	109-1	8194	8228	8303	8242	0.67	cps
Silver	107-1	8511	8795	8678	8661	1.65	cps
Sodium	23-2	161456595	160148508	159908462	160504522	0.52	cps
Strontium	86-1	5894513	5885829	5906417	5895586	0.18	cps
Strontium	88-1	50961280	50974796	50580234	50838770	0.44	cps
Sulfur	34-1	7495530	7533768	7390335	7473211	0.99	cps
Terbium	159-1	20485157	20380949	20399369	20421825	0.27	cps
Terbium	159-2	9446233	9398259	9447555	9430683	0.30	cps
Thallium	203-1	708	675	683	689	2.52	cps
Thallium	205-1	1842	1850	1717	1803	4.14	cps
Tin	118-1	3276	3359	3517	3384	3.63	cps
Titanium	47-1	3559	3634	3150	3448	7.55	cps
Uranium	238-1	679497	671681	667951	673043	0.88	cps
Vanadium	51-2	18315	18782	18215	18437	1.64	cps
Yttrium	89-2	2290274	2276971	2290555	2285934	0.34	cps
Yttrium	89-1	17338471	17284943	17119400	17247605	0.66	cps
Zinc	66-2	22738	22594	22564	22632	0.41	cps
Zirconium	90-1	5226	5543	5568	5446	3.50	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02	Instrumnet Name :	P7
Client Sample ID :	MH0AT6	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:00:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1117	1208	1200	1175	4.31	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-03	Instrumnet Name :	P7
Client Sample ID :	MH0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:03:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	859	742	717	772	9.80	cps
Antimony	121-1	10329	10921	10788	10679	2.91	cps
Arsenic	75-2	6422	6679	6605	6569	2.02	cps
Barium	135-1	244295	239717	238919	240977	1.20	cps
Barium	137-1	420292	421556	419914	420587	0.20	cps
Beryllium	9-1	50	56	56	54	5.98	cps
Bismuth	209-1	12410971	12438834	12234176	12361327	0.90	cps
Bismuth	209-2	7337427	7377909	7297989	7337775	0.54	cps
Boron	10-1	141380	141718	138916	140671	1.09	cps
Boron	11-1	698395	689467	686319	691394	0.91	cps
Cadmium	106-1	5518	5710	5310	5512	3.63	cps
Cadmium	108-1	67	42	83	64	32.83	cps
Cadmium	111-1	-310	-258	-273	-280	-9.52	cps
Calcium	43-1	6508996	6525876	6490719	6508530	0.27	cps
Calcium	44-1	104969738	103852352	103573169	104131753	0.71	cps
Chromium	52-2	4077	3907	3827	3937	3.24	cps
Cobalt	59-2	2194	2084	2037	2105	3.82	cps
Copper	63-2	23088	22912	22872	22957	0.50	cps
Dysprosium	156-2	943	813	830	862	8.20	cps
Dysprosium	156-1	1784	1333	1492	1536	14.86	cps
Erbium	164-1	125	92	117	111	15.61	cps
Erbium	164-2	40	43	30	38	18.36	cps
Gadolinium	160-2	997	1013	970	993	2.20	cps
Gadolinium	160-1	1717	1850	1934	1834	5.96	cps
Holmium	165-2	9476078	9569615	9458502	9501398	0.63	cps
Holmium	165-1	19444742	19239998	19294428	19326389	0.55	cps
Indium	115-1	16759213	16755862	16516059	16677045	0.84	cps
Indium	115-2	2954366	2999899	2977980	2977415	0.76	cps
Iron	56-2	110888	111487	110363	110912	0.51	cps
Iron	57-2	4523	4401	4529	4484	1.61	cps
Lead	206-1	4807	5201	4862	4957	4.31	cps
Lead	207-1	4556	4284	4345	4395	3.25	cps
Lead	208-1	20157	19779	19523	19819	1.61	cps
Lithium	6-1	2096361	2050549	2008544	2051818	2.14	cps
Magnesium	24-2	21919762	21812127	22038419	21923436	0.52	cps
Manganese	55-2	95511	94934	94632	95025	0.47	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-03	Instrumnet Name :	P7
Client Sample ID :	MH0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:03:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	55659	55074	54898	55210	0.72	cps
Molybdenum	95-1	95519	96358	93312	95063	1.65	cps
Molybdenum	96-1	106420	101031	102064	103172	2.77	cps
Molybdenum	97-1	60738	59048	59073	59620	1.62	cps
Molybdenum	98-1	154928	154438	152703	154023	0.76	cps
Neodymium	150-1	113	60	80	84	31.91	cps
Neodymium	150-2	17	7	17	13	43.29	cps
Nickel	60-2	2514	2800	2610	2641	5.52	cps
Phosphorus	31-2	7652	7569	8053	7758	3.33	cps
Potassium	39-2	6712281	6707593	6662362	6694079	0.41	cps
Rhodium	103-2	6944601	6940854	6925255	6936903	0.15	cps
Rhodium	103-1	14998114	14697883	14707226	14801074	1.15	cps
Scandium	45-1	10678425	10599467	10602045	10626646	0.42	cps
Scandium	45-2	469225	472206	465426	468952	0.72	cps
Selenium	77-2	73	67	43	61	25.78	cps
Selenium	78-2	248	239	254	247	3.03	cps
Selenium	82-1	940	956	1071	989	7.19	cps
Silicon	28-1	102935144	102002075	101073963	102003727	0.91	cps
Silver	109-1	7202	7261	6860	7108	3.04	cps
Silver	107-1	7119	7644	7177	7313	3.94	cps
Sodium	23-2	161668745	161036487	159389916	160698383	0.73	cps
Strontium	86-1	5810819	5796813	5772849	5793494	0.33	cps
Strontium	88-1	50705337	49710382	49843474	50086398	1.08	cps
Sulfur	34-1	7406652	7264389	7280106	7317049	1.07	cps
Terbium	159-1	20354532	20029321	19972923	20118925	1.02	cps
Terbium	159-2	9463921	9536282	9415602	9471935	0.64	cps
Thallium	203-1	567	733	575	625	15.03	cps
Thallium	205-1	1834	1450	1600	1628	11.87	cps
Tin	118-1	3717	3501	3809	3676	4.31	cps
Titanium	47-1	3150	3242	3467	3287	4.96	cps
Uranium	238-1	664247	667258	655234	662246	0.94	cps
Vanadium	51-2	18649	19106	19123	18959	1.42	cps
Yttrium	89-2	2295221	2281319	2287156	2287899	0.31	cps
Yttrium	89-1	17075843	17052341	16717497	16948560	1.18	cps
Zinc	66-2	22791	22962	23072	22942	0.62	cps
Zirconium	90-1	4559	4293	4309	4387	3.41	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-03	Instrumnet Name :	P7
Client Sample ID :	MH0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:03:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1017	1025	1083	1042	3.49	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2017-04-13 18:07:18	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	267	250	278	12.49	cps
Antimony	121-1	2167	2342	2617	2375	9.55	cps
Arsenic	75-2	1320	1245	1278	1281	2.97	cps
Barium	135-1	48260	46922	46311	47164	2.11	cps
Barium	137-1	83618	83459	80893	82657	1.85	cps
Beryllium	9-1	33	50	44	43	19.93	cps
Bismuth	209-1	12627106	12490386	12653518	12590337	0.70	cps
Bismuth	209-2	7502719	7504575	7471037	7492777	0.25	cps
Boron	10-1	32210	32127	32619	32319	0.82	cps
Boron	11-1	153364	155249	152219	153611	1.00	cps
Cadmium	106-1	5726	6018	5893	5879	2.49	cps
Cadmium	108-1	21	21	8	17	43.31	cps
Cadmium	111-1	-487	-558	-523	-523	-6.78	cps
Calcium	43-1	1253043	1255450	1256710	1255068	0.15	cps
Calcium	44-1	20681323	20262979	20611140	20518480	1.09	cps
Chromium	52-2	1550	1703	1457	1570	7.93	cps
Cobalt	59-2	513	467	460	480	6.05	cps
Copper	63-2	10487	10537	10190	10405	1.80	cps
Dysprosium	156-2	130	163	150	148	11.36	cps
Dysprosium	156-1	342	342	325	336	2.86	cps
Erbium	164-1	58	75	100	78	26.96	cps
Erbium	164-2	33	40	37	37	9.10	cps
Gadolinium	160-2	287	243	270	267	8.20	cps
Gadolinium	160-1	433	375	375	394	8.54	cps
Holmium	165-2	9336100	9148132	9237598	9240610	1.02	cps
Holmium	165-1	18983258	18869617	18858398	18903758	0.37	cps
Indium	115-1	16713948	16457231	16599091	16590090	0.78	cps
Indium	115-2	2950338	2929170	2920707	2933405	0.52	cps
Iron	56-2	28383	28027	27671	28027	1.27	cps
Iron	57-2	1050	1033	950	1011	5.30	cps
Lead	206-1	1828	1645	1711	1728	5.37	cps
Lead	207-1	1461	1511	1428	1467	2.86	cps
Lead	208-1	6990	6790	6662	6814	2.43	cps
Lithium	6-1	1854056	1844945	1841573	1846858	0.35	cps
Magnesium	24-2	4344362	4285993	4296028	4308795	0.72	cps
Manganese	55-2	19149	18776	18879	18935	1.02	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2017-04-13 18:07:18	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10671	11947	11480	11366	5.68	cps
Molybdenum	95-1	20031	19280	20324	19878	2.71	cps
Molybdenum	96-1	20983	20649	21258	20963	1.46	cps
Molybdenum	97-1	12056	12247	12514	12273	1.88	cps
Molybdenum	98-1	31686	31411	30851	31316	1.36	cps
Neodymium	150-1	20	20	40	27	43.30	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	750	600	533	628	17.68	cps
Phosphorus	31-2	1642	1875	1892	1803	7.75	cps
Potassium	39-2	1356871	1351602	1344380	1350951	0.46	cps
Rhodium	103-2	7116668	7017584	7070492	7068248	0.70	cps
Rhodium	103-1	15163925	15022521	14948002	15044816	0.73	cps
Scandium	45-1	10510932	10277705	10512058	10433565	1.29	cps
Scandium	45-2	463341	462083	458983	461469	0.49	cps
Selenium	77-2	7	17	3	9	78.08	cps
Selenium	78-2	169	139	152	153	9.70	cps
Selenium	82-1	105	25	311	147	100.13	cps
Silicon	28-1	20211938	20250325	20458514	20306926	0.65	cps
Silver	109-1	2775	2567	2892	2745	6.00	cps
Silver	107-1	2942	3326	2934	3067	7.30	cps
Sodium	23-2	32128353	32330632	31962606	32140530	0.57	cps
Strontium	86-1	1115196	1116552	1114628	1115459	0.09	cps
Strontium	88-1	9846629	9987086	9797209	9876975	1.00	cps
Sulfur	34-1	2573077	2585794	2591923	2583598	0.37	cps
Terbium	159-1	19965796	19848868	19821138	19878601	0.39	cps
Terbium	159-2	9289301	9271325	9221373	9260666	0.38	cps
Thallium	203-1	200	258	208	222	14.20	cps
Thallium	205-1	475	508	650	544	17.07	cps
Tin	118-1	1575	1709	1675	1653	4.20	cps
Titanium	47-1	1017	867	892	925	8.69	cps
Uranium	238-1	130273	129749	128268	129430	0.80	cps
Vanadium	51-2	3757	3644	3981	3794	4.52	cps
Yttrium	89-2	2260490	2251710	2235529	2249243	0.56	cps
Yttrium	89-1	16843134	17048353	16817842	16903110	0.75	cps
Zinc	66-2	4971	4868	4974	4938	1.23	cps
Zirconium	90-1	1567	1700	1675	1647	4.30	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2017-04-13 18:07:18	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	425	417	406	6.61	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-04	Instrumnet Name :	P7
Client Sample ID :	MH0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:10:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312410	311462	313809	312560	0.38	cps
Antimony	121-1	1916352	1916249	1909782	1914128	0.20	cps
Arsenic	75-2	33908	33481	33269	33553	0.97	cps
Barium	135-1	8901486	8892984	8776502	8856991	0.79	cps
Barium	137-1	15322335	15296893	15327330	15315519	0.11	cps
Beryllium	9-1	161614	161670	161120	161468	0.19	cps
Bismuth	209-1	12303909	12446502	12148519	12299644	1.21	cps
Bismuth	209-2	7286574	7316480	7234556	7279203	0.57	cps
Boron	10-1	133604	133747	138234	135195	1.95	cps
Boron	11-1	661665	655720	661924	659769	0.53	cps
Cadmium	106-1	26876	25833	26509	26406	2.00	cps
Cadmium	108-1	15204	15392	15179	15258	0.76	cps
Cadmium	111-1	231314	230618	231417	231116	0.19	cps
Calcium	43-1	6327982	6391022	6398641	6372549	0.61	cps
Calcium	44-1	102330044	101735073	102598156	102221091	0.43	cps
Chromium	52-2	1155522	1168404	1166420	1163449	0.60	cps
Cobalt	59-2	4763188	4816754	4779873	4786605	0.57	cps
Copper	63-2	1747675	1766966	1760257	1758299	0.56	cps
Dysprosium	156-2	770	863	907	847	8.25	cps
Dysprosium	156-1	1742	1558	1734	1678	6.17	cps
Erbium	164-1	92	75	167	111	43.95	cps
Erbium	164-2	77	47	33	52	42.50	cps
Gadolinium	160-2	983	937	867	929	6.32	cps
Gadolinium	160-1	1750	1834	1775	1786	2.39	cps
Holmium	165-2	9494232	9535763	9511231	9513742	0.22	cps
Holmium	165-1	19222267	19356682	19458245	19345731	0.61	cps
Indium	115-1	16473325	16531305	16640646	16548425	0.51	cps
Indium	115-2	2938901	2947367	2941883	2942717	0.15	cps
Iron	56-2	4779634	4820041	4783183	4794286	0.47	cps
Iron	57-2	121695	120714	119175	120528	1.05	cps
Lead	206-1	270215	272262	265901	269459	1.21	cps
Lead	207-1	247456	248061	241427	245648	1.49	cps
Lead	208-1	1112542	1111326	1088570	1104146	1.22	cps
Lithium	6-1	1947385	1949360	1943132	1946626	0.16	cps
Magnesium	24-2	21335086	21487329	21345055	21389157	0.40	cps
Manganese	55-2	1635723	1650542	1648619	1644961	0.49	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-04	Instrumnet Name :	P7
Client Sample ID :	MH0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:10:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	54454	52849	54187	53830	1.60	cps
Molybdenum	95-1	94017	94226	92759	93667	0.85	cps
Molybdenum	96-1	101519	100242	99529	100430	1.00	cps
Molybdenum	97-1	58337	58462	57868	58222	0.54	cps
Molybdenum	98-1	152747	152230	149680	151552	1.08	cps
Neodymium	150-1	487	440	593	507	15.51	cps
Neodymium	150-2	50	60	50	53	10.83	cps
Nickel	60-2	1251647	1266281	1254081	1257336	0.62	cps
Phosphorus	31-2	7202	7994	7552	7583	5.24	cps
Potassium	39-2	6474589	6513080	6536462	6508044	0.48	cps
Rhodium	103-2	6892869	6940186	6917008	6916687	0.34	cps
Rhodium	103-1	14791451	14692225	14648685	14710787	0.50	cps
Scandium	45-1	10731403	10537521	10436830	10568585	1.42	cps
Scandium	45-2	467569	466962	467121	467217	0.07	cps
Selenium	77-2	1453	1450	1373	1426	3.17	cps
Selenium	78-2	4604	4753	4755	4704	1.83	cps
Selenium	82-1	31583	31297	31018	31299	0.90	cps
Silicon	28-1	98964673	99708469	98605250	99092797	0.57	cps
Silver	109-1	1369054	1373818	1378129	1373667	0.33	cps
Silver	107-1	1437634	1429351	1402255	1423080	1.30	cps
Sodium	23-2	156745379	156103474	155467466	156105440	0.41	cps
Strontium	86-1	5750611	5775144	5689445	5738400	0.77	cps
Strontium	88-1	49435806	49126462	48750735	49104334	0.70	cps
Sulfur	34-1	7149295	7101798	7183978	7145024	0.58	cps
Terbium	159-1	20191152	20105219	19918374	20071582	0.69	cps
Terbium	159-2	9464587	9332309	9281824	9359573	1.01	cps
Thallium	203-1	815572	823902	815674	818383	0.58	cps
Thallium	205-1	1967954	1980830	1948482	1965756	0.83	cps
Tin	118-1	3317	3534	3284	3378	4.02	cps
Titanium	47-1	3234	3434	3217	3295	3.66	cps
Uranium	238-1	658597	654481	643013	652030	1.24	cps
Vanadium	51-2	2393821	2418642	2414717	2409060	0.55	cps
Yttrium	89-2	2275583	2285527	2273329	2278146	0.28	cps
Yttrium	89-1	16884677	17077101	16687230	16883003	1.15	cps
Zinc	66-2	505203	511165	507664	508011	0.59	cps
Zirconium	90-1	3642	3926	4009	3859	4.98	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-04	Instrumnet Name :	P7
Client Sample ID :	MH0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:10:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1025	1200	825	1017	18.46	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02A	Instrumnet Name :	P7
Client Sample ID :	MH0AT6A	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:14:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733	783	558	692	17.08	cps
Antimony	121-1	11247	11230	11564	11347	1.66	cps
Arsenic	75-2	6450	6409	6426	6428	0.32	cps
Barium	135-1	240768	238632	238123	239175	0.59	cps
Barium	137-1	418178	416140	412709	415675	0.66	cps
Beryllium	9-1	56	67	11	44	66.15	cps
Bismuth	209-1	12089910	12287059	12119178	12165382	0.87	cps
Bismuth	209-2	7264587	7196314	7239766	7233555	0.48	cps
Boron	10-1	134192	136653	135579	135475	0.91	cps
Boron	11-1	652961	660672	668298	660644	1.16	cps
Cadmium	106-1	5526	5893	5009	5476	8.11	cps
Cadmium	108-1	83	79	75	79	5.27	cps
Cadmium	111-1	-315	-308	-226	-283	-17.52	cps
Calcium	43-1	6451209	6427694	6335101	6404668	0.96	cps
Calcium	44-1	104022048	103843604	102163825	103343159	0.99	cps
Chromium	52-2	4101	3944	4024	4023	1.95	cps
Cobalt	59-2	2264	2287	2387	2312	2.83	cps
Copper	63-2	24257	23893	23957	24036	0.81	cps
Dysprosium	156-2	820	790	787	799	2.30	cps
Dysprosium	156-1	1584	1542	1433	1520	5.10	cps
Erbium	164-1	125	108	42	92	48.10	cps
Erbium	164-2	53	50	43	49	10.42	cps
Gadolinium	160-2	1040	973	1053	1022	4.19	cps
Gadolinium	160-1	1750	1742	1884	1792	4.44	cps
Holmium	165-2	9425871	9257809	9349322	9344334	0.90	cps
Holmium	165-1	19396850	19035764	18974640	19135751	1.19	cps
Indium	115-1	16453067	16462234	16419563	16444954	0.14	cps
Indium	115-2	2936712	2878573	2926664	2913983	1.07	cps
Iron	56-2	111117	109949	110378	110481	0.53	cps
Iron	57-2	4279	4190	4023	4164	3.12	cps
Lead	206-1	4907	4923	5018	4949	1.21	cps
Lead	207-1	4140	4462	4106	4236	4.64	cps
Lead	208-1	19417	19829	19056	19434	1.99	cps
Lithium	6-1	1941292	1937412	1946398	1941701	0.23	cps
Magnesium	24-2	21478010	21095524	21346652	21306729	0.91	cps
Manganese	55-2	94313	93743	93390	93815	0.50	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02A	Instrumnet Name :	P7
Client Sample ID :	MH0AT6A	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:14:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	55709	54814	54471	54998	1.16	cps
Molybdenum	95-1	95158	93623	92147	93643	1.61	cps
Molybdenum	96-1	102844	100233	100067	101048	1.54	cps
Molybdenum	97-1	60010	58831	56873	58571	2.71	cps
Molybdenum	98-1	151522	150486	150910	150973	0.34	cps
Neodymium	150-1	73	60	60	64	11.95	cps
Neodymium	150-2	10	0	30	13	114.56	cps
Nickel	60-2	2720	2660	2817	2733	2.89	cps
Phosphorus	31-2	8036	7561	7911	7836	3.14	cps
Potassium	39-2	6511156	6492647	6548747	6517517	0.44	cps
Rhodium	103-2	6908573	6789745	6885391	6861236	0.92	cps
Rhodium	103-1	14737229	14554879	14475067	14589058	0.92	cps
Scandium	45-1	10506685	10539165	10473464	10506438	0.31	cps
Scandium	45-2	461861	455534	461216	459537	0.76	cps
Selenium	77-2	47	40	47	44	8.66	cps
Selenium	78-2	233	267	261	254	7.04	cps
Selenium	82-1	1091	1335	1075	1167	12.45	cps
Silicon	28-1	99253869	98793542	97758900	98602104	0.78	cps
Silver	109-1	39197	39791	39632	39540	0.78	cps
Silver	107-1	41337	41044	41429	41270	0.49	cps
Sodium	23-2	158531920	155774216	158261574	157522570	0.97	cps
Strontium	86-1	5784358	5697367	5749180	5743635	0.76	cps
Strontium	88-1	49674939	48842613	49624648	49380733	0.95	cps
Sulfur	34-1	7175534	7143674	7034848	7118019	1.04	cps
Terbium	159-1	19810557	19895421	20005610	19903863	0.49	cps
Terbium	159-2	9431679	9300867	9340197	9357581	0.72	cps
Thallium	203-1	692	650	942	761	20.73	cps
Thallium	205-1	1667	1850	1675	1731	5.98	cps
Tin	118-1	3709	3834	3717	3753	1.86	cps
Titanium	47-1	3659	3317	3242	3406	6.52	cps
Uranium	238-1	653643	654541	645967	651384	0.72	cps
Vanadium	51-2	18889	18615	18729	18744	0.73	cps
Yttrium	89-2	2263757	2221085	2247439	2244094	0.96	cps
Yttrium	89-1	16786694	16916822	16799064	16834194	0.43	cps
Zinc	66-2	24935	24942	24571	24816	0.85	cps
Zirconium	90-1	3492	3517	3984	3665	7.56	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	I2578-02A	Instrumnet Name :	P7
Client Sample ID :	MH0AT6A	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:14:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	675	750	1008	811	21.56	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P7
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:18:38	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1430817	1433482	1415374	1426557	0.69	cps
Antimony	121-1	8133672	8036586	7984661	8051640	0.94	cps
Arsenic	75-2	300451	302217	300594	301087	0.33	cps
Barium	135-1	9763697	9704599	9759830	9742708	0.34	cps
Barium	137-1	16972807	16968692	16986344	16975947	0.05	cps
Beryllium	9-1	1435636	1426894	1422102	1428211	0.48	cps
Bismuth	209-1	12076979	11996549	12093145	12055558	0.43	cps
Bismuth	209-2	7226869	7160033	7167441	7184781	0.51	cps
Boron	10-1	208967	212056	215009	212011	1.43	cps
Boron	11-1	1007685	1011542	1018774	1012667	0.56	cps
Cadmium	106-1	239790	239677	239643	239704	0.03	cps
Cadmium	108-1	156394	155243	156141	155926	0.39	cps
Cadmium	111-1	2117289	2112802	2132483	2120858	0.49	cps
Calcium	43-1	2476523	2467814	2451940	2465426	0.51	cps
Calcium	44-1	40359821	40603743	40101020	40354861	0.62	cps
Chromium	52-2	2664611	2680151	2651770	2665511	0.53	cps
Cobalt	59-2	4342353	4363423	4358750	4354842	0.25	cps
Copper	63-2	6518145	6514765	6389115	6474008	1.14	cps
Dysprosium	156-2	43	20	17	27	54.47	cps
Dysprosium	156-1	117	175	158	150	20.03	cps
Erbium	164-1	75	133	75	94	35.66	cps
Erbium	164-2	27	43	30	33	26.45	cps
Gadolinium	160-2	27	57	57	47	37.11	cps
Gadolinium	160-1	158	225	192	192	17.39	cps
Holmium	165-2	9109326	9042108	9090248	9080561	0.38	cps
Holmium	165-1	18468634	18409716	18730475	18536275	0.92	cps
Indium	115-1	15592568	15755562	15902347	15750159	0.98	cps
Indium	115-2	2822592	2833952	2814514	2823686	0.35	cps
Iron	56-2	109781880	111037366	109137886	109985711	0.88	cps
Iron	57-2	2667790	2690190	2648480	2668820	0.78	cps
Lead	206-1	6033008	6038358	6031512	6034293	0.06	cps
Lead	207-1	5599267	5615119	5572412	5595599	0.39	cps
Lead	208-1	25122048	25048469	24876999	25015839	0.50	cps
Lithium	6-1	1725131	1718688	1756096	1733305	1.15	cps
Magnesium	24-2	18812243	18878426	18858381	18849683	0.18	cps
Manganese	55-2	2860321	2892348	2858888	2870519	0.66	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P7
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:18:38	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7581160	7623072	7510024	7571419	0.75	cps
Molybdenum	95-1	3991661	4013337	3982527	3995841	0.40	cps
Molybdenum	96-1	5178412	5186164	5156233	5173603	0.30	cps
Molybdenum	97-1	2478867	2461942	2467412	2469407	0.35	cps
Molybdenum	98-1	6539401	6588953	6567779	6565378	0.38	cps
Neodymium	150-1	507	547	507	520	4.44	cps
Neodymium	150-2	73	70	67	70	4.76	cps
Nickel	60-2	1149052	1160280	1154223	1154519	0.49	cps
Phosphorus	31-2	86383	86492	84808	85894	1.10	cps
Potassium	39-2	9576003	9518589	9333207	9475933	1.34	cps
Rhodium	103-2	6820998	6781035	6813904	6805312	0.31	cps
Rhodium	103-1	14507893	14431933	14500200	14480009	0.29	cps
Scandium	45-1	10087803	10277647	10106032	10157160	1.03	cps
Scandium	45-2	453120	451314	452140	452191	0.20	cps
Selenium	77-2	5881	5865	5795	5847	0.79	cps
Selenium	78-2	19923	19567	19936	19809	1.06	cps
Selenium	82-1	133926	133316	132700	133314	0.46	cps
Silicon	28-1	5045116	5013008	5113478	5057201	1.01	cps
Silver	109-1	10064562	10010942	10031352	10035618	0.27	cps
Silver	107-1	10456824	10494808	10418613	10456748	0.36	cps
Sodium	23-2	37766398	37799020	37356775	37640731	0.65	cps
Strontium	86-1	3049130	3068198	3043939	3053756	0.42	cps
Strontium	88-1	26797590	26618451	26904579	26773540	0.54	cps
Sulfur	34-1	1671071	1674239	1658690	1668000	0.49	cps
Terbium	159-1	19368086	19338684	19033898	19246889	0.96	cps
Terbium	159-2	9173055	9141224	9051098	9121792	0.69	cps
Thallium	203-1	7603153	7574680	7634879	7604238	0.40	cps
Thallium	205-1	18175574	17858795	18134767	18056379	0.95	cps
Tin	118-1	6810335	6840426	6879314	6843358	0.51	cps
Titanium	47-1	1210909	1198906	1196164	1201993	0.65	cps
Uranium	238-1	26342732	26144447	26391843	26293008	0.50	cps
Vanadium	51-2	2161650	2165666	2147258	2158191	0.45	cps
Yttrium	89-2	2206405	2227093	2204869	2212789	0.56	cps
Yttrium	89-1	16569695	16131659	16440747	16380700	1.37	cps
Zinc	66-2	890542	894609	889035	891395	0.32	cps
Zirconium	90-1	14669269	14426813	14747100	14614394	1.14	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P7
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:18:38	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3193201	3178914	3200146	3190753	0.34	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P7
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:24:55	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	83	81	26.03	cps
Antimony	121-1	16260	20257	25332	20616	22.05	cps
Arsenic	75-2	117	156	152	141	15.18	cps
Barium	135-1	200	233	233	222	8.66	cps
Barium	137-1	333	333	308	325	4.44	cps
Beryllium	9-1	117	122	83	107	19.58	cps
Bismuth	209-1	12460838	12678598	12761434	12633623	1.23	cps
Bismuth	209-2	7446044	7446795	7345295	7412711	0.79	cps
Boron	10-1	4276	3959	4042	4092	4.01	cps
Boron	11-1	19355	19638	18962	19319	1.76	cps
Cadmium	106-1	5143	5335	5785	5421	6.08	cps
Cadmium	108-1	25	25	25	25	0.00	cps
Cadmium	111-1	-460	-471	-528	-487	-7.55	cps
Calcium	43-1	742	658	608	669	10.06	cps
Calcium	44-1	29472	29472	29648	29531	0.34	cps
Chromium	52-2	953	917	930	933	1.99	cps
Cobalt	59-2	130	87	87	101	24.74	cps
Copper	63-2	7812	7545	7535	7631	2.06	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Erbium	164-1	92	92	92	92	0.00	cps
Erbium	164-2	20	30	27	26	19.92	cps
Gadolinium	160-2	40	27	43	37	24.04	cps
Gadolinium	160-1	133	83	108	108	23.08	cps
Holmium	165-2	9037777	9073866	9011378	9041007	0.35	cps
Holmium	165-1	18417982	18472592	18839049	18576541	1.23	cps
Indium	115-1	16404758	16403850	16498646	16435751	0.33	cps
Indium	115-2	2881137	2885954	2844671	2870588	0.79	cps
Iron	56-2	7930	8530	8330	8264	3.70	cps
Iron	57-2	122	206	139	156	28.35	cps
Lead	206-1	1722	1789	1606	1706	5.44	cps
Lead	207-1	1606	1378	1617	1533	8.79	cps
Lead	208-1	7379	6768	6873	7007	4.66	cps
Lithium	6-1	1793024	1781510	1815018	1796517	0.95	cps
Magnesium	24-2	617	508	575	567	9.64	cps
Manganese	55-2	87	73	97	86	13.69	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P7
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:24:55	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1809	2367	2692	2289	19.52	cps
Molybdenum	95-1	2225	2759	4026	3003	30.79	cps
Molybdenum	96-1	2384	3184	4576	3381	32.81	cps
Molybdenum	97-1	1233	1917	2492	1881	33.50	cps
Molybdenum	98-1	3009	4451	6001	4487	33.36	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	77	100	87	13.87	cps
Phosphorus	31-2	217	342	217	258	27.94	cps
Potassium	39-2	53882	55480	53999	54454	1.64	cps
Rhodium	103-2	7123593	7119466	7072284	7105114	0.40	cps
Rhodium	103-1	15088308	15006461	15266048	15120272	0.88	cps
Scandium	45-1	10226154	10213039	10321947	10253713	0.58	cps
Scandium	45-2	449698	448971	445165	447945	0.54	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	141	143	170	151	10.98	cps
Selenium	82-1	-26	183	-123	11	1368.06	cps
Silicon	28-1	593335	591626	591816	592259	0.16	cps
Silver	109-1	1325	1333	1275	1311	2.41	cps
Silver	107-1	1633	1250	1308	1397	14.78	cps
Sodium	23-2	59745	59511	58632	59296	0.99	cps
Strontium	86-1	6593	6969	6844	6802	2.81	cps
Strontium	88-1	1550	1208	1542	1433	13.60	cps
Sulfur	34-1	844043	856166	861524	853911	1.05	cps
Terbium	159-1	19176039	19281885	19611228	19356384	1.17	cps
Terbium	159-2	9079518	9072840	9007790	9053383	0.44	cps
Thallium	203-1	500	683	675	619	16.71	cps
Thallium	205-1	1300	1242	1183	1242	4.70	cps
Tin	118-1	2217	2725	2992	2645	14.89	cps
Titanium	47-1	267	267	200	244	15.75	cps
Uranium	238-1	675	700	508	628	16.60	cps
Vanadium	51-2	60	70	67	66	7.77	cps
Yttrium	89-2	2205786	2202347	2186123	2198085	0.48	cps
Yttrium	89-1	16387569	16457706	16441696	16428990	0.22	cps
Zinc	66-2	310	270	330	303	10.07	cps
Zirconium	90-1	1392	1834	2392	1872	26.77	cps

LB Number :	LB86931	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P7
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2017-04-13 18:24:55	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	367	383	383	4.35	cps